



ALBANY__2 23572	53.34 0.67 0.00	46.46 0.64 0.00	38.98 0.55 0.00	37.97 0.60 0.00	36.45 0.71 0.00	33.19 0.66 0.00	41.29 0.80 0.00	51.18 0.87 0.00	46.90 0.72 0.00	39.98 0.55 0.00	39.32 0.49 0.00	34.36 0.26 0.05	27.86 0.17 0.14	31.54 0.04 0.27	29.59 0.19 0.00	42.16 0.33 0.14	45.99 0.80 0.18	52.93 1.17 0.00	68.34 1.58 0.00	117.99 2.31 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.35 0.94 0.00	35.81 0.83 0.00
ALBANY__3 23573	53.34 0.67 0.00	46.46 0.64 0.00	38.98 0.55 0.00	37.97 0.60 0.00	36.45 0.71 0.00	33.19 0.66 0.00	41.29 0.80 0.00	51.18 0.87 0.00	46.90 0.72 0.00	39.98 0.55 0.00	39.32 0.49 0.00	34.36 0.26 0.05	27.86 0.17 0.14	31.54 0.04 0.27	29.59 0.19 0.00	42.16 0.33 0.14	45.99 0.80 0.18	52.93 1.17 0.00	68.34 1.58 0.00	117.99 2.31 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.35 0.94 0.00	35.81 0.83 0.00
ALBANY__4 23574	53.34 0.67 0.00	46.46 0.64 0.00	38.98 0.55 0.00	37.97 0.60 0.00	36.45 0.71 0.00	33.19 0.66 0.00	41.29 0.80 0.00	51.18 0.87 0.00	46.90 0.72 0.00	39.98 0.55 0.00	39.32 0.49 0.00	34.36 0.26 0.05	27.86 0.17 0.14	31.54 0.04 0.27	29.59 0.19 0.00	42.16 0.33 0.14	45.99 0.80 0.18	52.93 1.17 0.00	68.34 1.58 0.00	117.99 2.31 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.35 0.94 0.00	35.81 0.83 0.00
ALBANY__LFGE 323615	53.61 0.94 0.00	46.68 0.86 0.00	39.16 0.73 0.00	38.14 0.77 0.00	36.61 0.87 0.00	33.35 0.82 0.00	41.52 1.03 0.00	51.47 1.15 0.00	47.16 0.97 0.00	40.21 0.77 0.00	39.52 0.69 0.00	34.54 0.45 0.05	27.98 0.30 0.14	31.65 0.16 0.28	29.73 0.33 0.00	42.40 0.57 0.14	46.28 1.09 0.18	53.24 1.48 0.00	68.74 1.98 0.00	118.67 2.99 0.00	43.65 1.09 0.00	46.48 1.25 0.00	42.56 1.15 0.00	35.97 1.00 0.00
ALCOA_PA_115KV_PL-6C 55860	53.87 1.20 0.00	65.54 1.15 -18.58	62.26 1.10 -22.72	38.41 1.03 0.00	36.59 0.86 0.00	33.24 0.71 0.00	41.26 0.77 0.00	51.24 0.93 0.00	46.97 0.78 0.00	153.01 0.81 -112.76	41.81 0.78 -2.20	34.91 0.77 0.00	28.61 0.78 0.00	32.69 0.92 0.00	30.19 0.78 0.00	43.16 1.19 0.00	46.22 0.85 0.00	52.14 0.38 0.00	66.68 -0.07 0.00	116.50 0.83 0.00	42.82 0.26 -0.01	45.50 0.28 0.00	41.82 0.40 0.00	35.25 0.28 0.00
ALCOA_RYNLDS__DRP 24188	53.87 1.21 0.00	65.54 1.15 -18.58	62.26 1.10 -22.72	38.41 1.03 0.00	36.60 0.86 0.00	33.24 0.71 0.00	41.26 0.77 0.00	51.24 0.93 0.00	46.94 0.75 0.00	153.01 0.81 -112.76	41.81 0.78 -2.20	34.91 0.77 0.00	28.61 0.78 0.00	32.69 0.92 0.00	30.19 0.78 0.00	43.16 1.19 0.00	46.22 0.85 0.00	52.13 0.37 0.00	66.70 -0.06 0.00	116.51 0.83 0.00	42.82 0.26 -0.01	45.48 0.26 0.00	41.82 0.41 0.00	35.25 0.28 0.00
ALCOA__DSASP 323711	53.87 1.21 0.00	65.54 1.15 -18.58	62.26 1.10 -22.72	38.41 1.03 0.00	36.60 0.86 0.00	33.24 0.71 0.00	41.26 0.77 0.00	51.24 0.93 0.00	46.94 0.75 0.00	153.01 0.81 -112.76	41.81 0.78 -2.20	34.91 0.77 0.00	28.61 0.78 0.00	32.69 0.92 0.00	30.19 0.78 0.00	43.16 1.19 0.00	46.22 0.85 0.00	52.13 0.37 0.00	66.70 -0.06 0.00	116.51 0.83 0.00	42.82 0.26 -0.01	45.48 0.26 0.00	41.82 0.41 0.00	35.25 0.28 0.00
ALLEGHENY__COGEN 23514	53.52 0.85 0.00	46.04 0.22 0.00	38.51 0.08 0.00	37.29 -0.08 0.00	34.99 -0.75 0.00	30.80 -1.73 0.00	39.69 -0.81 0.00	72.14 -0.40 -22.22	46.37 0.18 0.00	38.86 -0.57 0.00	38.24 -0.59 0.00	34.26 0.11 0.00	27.61 -0.21 0.00	31.70 -0.07 0.00	36.73 -0.37 -7.69	72.23 -1.01 -31.27	81.81 -2.23 -38.67	101.03 -1.64 -50.90	125.74 -1.70 -60.68	198.32 -1.04 -83.68	52.71 -0.25 -10.41	43.39 -0.41 1.42	78.81 -0.98 -38.38	70.24 -0.83 -36.09
ALTMONT_115KV_TB 2 55880	53.20 0.53 0.00	46.33 0.51 0.00	38.86 0.42 0.00	37.81 0.44 0.00	36.26 0.52 0.00	33.04 0.51 0.00	41.10 0.62 0.00	51.01 0.70 0.00	46.73 0.55 0.00	39.89 0.46 0.00	39.20 0.37 0.00	34.33 0.22 0.03	27.84 0.12 0.10	31.63 0.06 0.20	29.54 0.14 0.00	42.18 0.21 0.00	45.97 0.60 0.00	52.66 0.90 0.00	68.02 1.26 0.00	117.47 1.79 0.00	43.23 0.68 0.00	46.00 0.78 0.00	42.14 0.73 0.00	35.61 0.64 0.00
ALTONA_WT_PWR 323606	53.45 0.78 0.00	46.57 0.75 0.00	39.12 0.69 0.00	37.95 0.58 0.00	36.04 0.30 0.00	32.74 0.21 0.00	40.55 0.06 0.00	50.12 -0.19 0.00	45.99 -0.20 0.00	39.51 0.08 0.00	39.12 0.28 0.00	34.33 0.19 0.00	28.26 0.44 0.00	32.45 0.68 0.00	29.86 0.46 0.00	42.60 0.63 0.00	45.95 0.58 0.00	51.93 0.17 0.00	66.21 -0.55 0.00	115.69 0.02 0.00	42.00 -0.56 0.00	44.81 -0.41 0.00	41.27 -0.13 0.00	34.59 -0.38 0.00
AMERICAN_REF_FUEL 24010	13.97 -3.00 35.70	24.38 -3.13 18.30	16.55 -2.65 19.23	21.74 -2.72 12.91	20.40 -3.02 12.33	29.00 -3.53 0.00	15.76 -4.22 20.50	25.25 -4.86 20.21	17.86 -3.26 25.06	35.85 -3.58 0.00	35.29 -3.54 0.00	31.61 -2.53 0.00	25.66 -2.17 0.00	29.39 -2.38 0.00	24.79 -2.53 2.08	30.19 -3.33 8.44	30.10 -4.77 10.50	27.79 -6.30 17.66	41.91 -8.37 16.48	71.01 -12.68 31.98	26.57 -4.62 11.36	30.78 -5.10 9.34	23.62 -4.51 13.27	21.97 -3.20 9.80
ARKWRIGHT__SUMMIT_WT_PWR 323751	3.59 -1.96 47.12	19.30 -2.36 24.16	10.79 -2.27 25.37	17.74 -2.61 17.03	16.43 -3.04 16.26	29.02 -3.50 0.01	-6.12 -4.06 42.54	17.01 -4.04 29.27	10.61 -2.51 33.06	36.59 -2.84 0.00	36.51 -2.33 0.00	32.93 -1.20 0.00	26.70 -1.13 0.00	29.72 -2.05 0.00	24.79 -2.55 2.06	29.96 -3.67 8.34	30.65 -4.34 10.37	27.83 -5.51 18.41	43.08 -7.40 16.28	71.85 -9.90 33.93	26.02 -3.15 13.38	29.07 -4.47 11.69	22.96 -4.62 13.83	21.95 -3.35 9.68
ARTHUR KILL_GT_1 23520	53.90 1.23 0.00	47.39 1.57 0.00	39.92 1.49 0.00	38.75 1.37 0.00	37.19 1.44 0.00	34.03 1.49 -0.01	42.07 1.58 0.00	52.18 1.86 0.00	47.98 1.80 0.00	41.18 1.75 0.00	40.50 1.67 0.00	35.75 1.43 -0.17	29.58 1.26 -0.51	34.22 1.45 -1.00	30.94 1.53 -0.01	44.27 1.77 -0.53	48.27 2.23 -0.67	54.38 2.62 0.00	70.51 3.75 0.00	121.51 5.84 0.00	44.65 2.09 0.00	47.38 2.15 0.00	43.44 2.03 0.00	36.57 1.59 0.00
ARTHUR_KILL_2 23512	53.78 1.11 0.00	47.28 1.46 0.00	39.83 1.39 0.00	38.66 1.29 0.00	37.09 1.35 0.00	33.94 1.40 -0.01	41.98 1.49 0.00	52.04 1.72 0.00	47.89 1.70 0.00	41.08 1.65 0.00	40.42 1.59 0.00	35.69 1.38 -0.17	29.54 1.21 -0.51	34.14 1.36 -1.00	30.86 1.45 -0.01	44.16 1.66 -0.53	48.15 2.11 -0.67	54.23 2.47 0.00	70.31 3.55 0.00	121.16 5.48 0.00	44.51 1.96 0.00	47.26 2.04 0.00	43.33 1.92 0.00	36.48 1.50 0.00
ARTHUR_KILL_3 23513	53.77 1.10 0.00	47.11 1.30 0.00	39.40 0.97 0.00	38.22 0.85 0.00	36.69 0.95 0.00	33.57 1.04 0.00	41.59 1.11 0.00	51.62 1.30 0.00	47.49 1.30 0.00	40.79 1.36 0.00	40.20 1.37 0.00	35.51 1.20 -0.17	29.42 1.09 -0.50	34.01 1.24 -1.00	30.70 1.30 0.00	43.96 1.47 -0.52	47.92 1.88 -0.67	54.04 2.28 0.00	70.02 3.27 0.00	120.71 5.03 0.00	44.32 1.77 0.00	47.01 1.79 0.00	43.08 1.68 0.00	36.30 1.33 0.00

ARTHUR_KILL_COGEN 323718	53.92 1.25 0.00	47.39 1.57 0.00	39.93 1.49 0.00	38.74 1.37 0.00	37.19 1.45 0.00	34.02 1.49 -0.01	42.09 1.60 0.00	52.18 1.86 0.00	48.01 1.82 0.00	41.18 1.75 0.00	40.50 1.67 0.00	35.76 1.44 -0.17	29.59 1.26 -0.51	34.21 1.44 -1.00	30.93 1.52 -0.01	44.26 1.76 -0.53	48.26 2.22 -0.67	54.36 2.61 0.00	70.49 3.73 0.00	121.51 5.83 0.00	44.64 2.09 0.00	47.40 2.17 0.00	43.42 2.01 0.00	36.57 1.60 0.00
ASHOKAN____ 23654	53.58 0.91 0.00	46.70 0.88 0.00	39.11 0.68 0.00	38.04 0.67 0.00	36.52 0.78 0.00	33.38 0.85 0.00	41.65 1.16 0.00	51.83 1.52 0.00	47.58 1.40 0.00	40.43 0.99 0.00	39.74 0.91 0.00	34.50 0.33 -0.03	28.34 0.42 -0.10	32.53 0.57 -0.19	29.93 0.53 0.00	42.82 0.85 0.00	46.81 1.44 0.00	53.73 1.98 0.00	69.70 2.94 0.00	120.33 4.65 0.00	44.17 1.61 0.00	46.86 1.63 0.00	42.83 1.42 0.00	36.06 1.08 0.00
ASTORIA_EAST_ENERGY_CC1 323581	53.75 1.08 0.00	47.13 1.31 0.00	39.50 1.07 0.00	38.29 0.92 0.00	36.77 1.03 0.00	33.68 1.14 -0.01	41.65 1.16 0.00	51.77 1.45 0.00	47.73 1.54 0.00	40.93 1.50 0.00	40.28 1.45 0.00	35.61 1.30 -0.17	29.52 1.19 -0.51	34.03 1.26 -1.00	30.80 1.39 -0.01	44.03 1.53 -0.53	47.97 1.93 -0.67	54.08 2.32 0.00	70.02 3.26 0.00	120.91 5.23 0.00	44.41 1.85 0.00	47.10 1.88 0.00	43.24 1.83 0.00	36.40 1.42 0.00
ASTORIA_EAST_ENERGY_CC2 323582	53.75 1.08 0.00	47.13 1.31 0.00	39.50 1.07 0.00	38.29 0.92 0.00	36.77 1.03 0.00	33.68 1.14 -0.01	41.65 1.16 0.00	51.77 1.45 0.00	47.73 1.54 0.00	40.93 1.50 0.00	40.28 1.45 0.00	35.62 1.30 -0.17	29.51 1.19 -0.51	34.03 1.26 -1.00	30.80 1.39 -0.01	44.03 1.53 -0.53	47.97 1.93 -0.67	54.09 2.33 0.00	70.02 3.26 0.00	120.92 5.24 0.00	44.41 1.85 0.00	47.11 1.88 0.00	43.24 1.83 0.00	36.40 1.42 0.00
ASTORIA_GT2_1 24094	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT2_2 24095	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT2_3 24096	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT2_4 24097	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT3_1 24098	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT3_2 24099	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT3_3 24100	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT3_4 24101	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT4_1 24102	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT4_2 24103	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT4_3 24104	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00

ASTORIA_GT4_4 24105	53.76 1.10 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.63 1.14 0.00	51.77 1.46 0.00	47.72 1.53 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.32 -0.17	29.52 1.19 -0.51	34.07 1.30 -1.00	30.82 1.41 -0.01	44.05 1.55 -0.53	48.00 1.97 -0.67	54.12 2.36 0.00	70.06 3.30 0.00	120.97 5.29 0.00	44.43 1.87 0.00	47.12 1.89 0.00	43.27 1.86 0.00	36.41 1.44 0.00
ASTORIA_GT_1 23523	53.85 1.18 0.00	47.21 1.39 0.00	39.56 1.13 0.00	38.36 0.99 0.00	36.84 1.10 0.00	33.74 1.20 -0.01	41.69 1.20 0.00	51.86 1.55 0.00	47.80 1.61 0.00	41.02 1.58 0.00	40.37 1.54 0.00	35.70 1.39 -0.17	29.57 1.25 -0.51	34.13 1.36 -1.00	30.88 1.47 -0.01	44.13 1.64 -0.53	48.08 2.04 -0.67	54.21 2.46 0.00	70.19 3.43 0.00	121.20 5.52 0.00	44.50 1.95 0.00	47.19 1.96 0.00	43.33 1.92 0.00	36.47 1.50 0.00
ASTORIA_GT_10 24110	54.08 1.41 0.00	47.40 1.58 0.00	39.72 1.28 0.00	38.52 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.88 1.39 0.00	51.96 1.64 0.00	47.84 1.66 0.00	41.11 1.68 0.00	40.51 1.67 0.00	35.78 1.46 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.95 1.54 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.38 2.62 0.00	70.37 3.61 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.30 2.08 0.00	43.41 2.00 0.00	36.56 1.58 0.00
ASTORIA_GT_11 24225	54.08 1.41 0.00	47.40 1.58 0.00	39.72 1.28 0.00	38.52 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.88 1.39 0.00	51.96 1.64 0.00	47.84 1.66 0.00	41.11 1.68 0.00	40.51 1.67 0.00	35.78 1.46 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.95 1.54 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.38 2.62 0.00	70.37 3.61 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.30 2.08 0.00	43.41 2.00 0.00	36.56 1.58 0.00
ASTORIA_GT_12 24226	54.08 1.41 0.00	47.40 1.58 0.00	39.72 1.28 0.00	38.52 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.88 1.39 0.00	51.96 1.64 0.00	47.84 1.66 0.00	41.11 1.68 0.00	40.51 1.67 0.00	35.78 1.46 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.95 1.54 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.38 2.62 0.00	70.37 3.61 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.30 2.08 0.00	43.41 2.00 0.00	36.56 1.58 0.00
ASTORIA_GT_13 24227	54.08 1.41 0.00	47.40 1.58 0.00	39.72 1.28 0.00	38.52 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.88 1.39 0.00	51.96 1.64 0.00	47.84 1.66 0.00	41.11 1.68 0.00	40.51 1.67 0.00	35.78 1.46 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.95 1.54 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.38 2.62 0.00	70.37 3.61 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.30 2.08 0.00	43.41 2.00 0.00	36.56 1.58 0.00
ASTORIA_GT_5 24106	53.85 1.18 0.00	47.21 1.39 0.00	39.56 1.13 0.00	38.36 0.99 0.00	36.84 1.10 0.00	33.74 1.20 -0.01	41.69 1.20 0.00	51.86 1.55 0.00	47.80 1.61 0.00	41.02 1.58 0.00	40.37 1.54 0.00	35.70 1.39 -0.17	29.57 1.25 -0.51	34.13 1.36 -1.00	30.88 1.47 -0.01	44.13 1.64 -0.53	48.08 2.04 -0.67	54.21 2.46 0.00	70.19 3.43 0.00	121.20 5.52 0.00	44.50 1.95 0.00	47.19 1.96 0.00	43.33 1.92 0.00	36.47 1.50 0.00
ASTORIA_GT_7 24107	53.85 1.18 0.00	47.21 1.39 0.00	39.56 1.13 0.00	38.36 0.99 0.00	36.84 1.10 0.00	33.74 1.20 -0.01	41.69 1.20 0.00	51.86 1.55 0.00	47.80 1.61 0.00	41.02 1.58 0.00	40.37 1.54 0.00	35.70 1.39 -0.17	29.57 1.25 -0.51	34.13 1.36 -1.00	30.88 1.47 -0.01	44.13 1.64 -0.53	48.08 2.04 -0.67	54.21 2.46 0.00	70.19 3.43 0.00	121.20 5.52 0.00	44.50 1.95 0.00	47.19 1.96 0.00	43.33 1.92 0.00	36.47 1.50 0.00
ASTORIA_GT_8 24108	53.85 1.18 0.00	47.21 1.39 0.00	39.56 1.13 0.00	38.36 0.99 0.00	36.84 1.10 0.00	33.74 1.20 -0.01	41.69 1.20 0.00	51.86 1.55 0.00	47.80 1.61 0.00	41.02 1.58 0.00	40.37 1.54 0.00	35.70 1.39 -0.17	29.57 1.25 -0.51	34.13 1.36 -1.00	30.88 1.47 -0.01	44.13 1.64 -0.53	48.08 2.04 -0.67	54.21 2.46 0.00	70.19 3.43 0.00	121.20 5.52 0.00	44.50 1.95 0.00	47.19 1.96 0.00	43.33 1.92 0.00	36.47 1.50 0.00
ASTORIA__2 24149	53.79 1.12 0.00	47.14 1.32 0.00	39.51 1.08 0.00	38.31 0.94 0.00	36.79 1.05 0.00	33.69 1.16 -0.01	41.67 1.19 0.00	51.78 1.46 0.00	47.76 1.57 0.00	40.95 1.52 0.00	40.31 1.48 0.00	35.64 1.33 -0.17	29.52 1.19 -0.51	34.04 1.27 -1.00	30.81 1.40 -0.01	44.05 1.55 -0.53	47.99 1.95 -0.67	54.11 2.35 0.00	70.06 3.30 0.00	120.95 5.27 0.00	44.43 1.88 0.00	47.13 1.91 0.00	43.27 1.86 0.00	36.42 1.44 0.00
ASTORIA__3 23516	54.10 1.43 0.00	47.41 1.59 0.00	39.71 1.28 0.00	38.53 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.91 1.42 0.00	51.97 1.66 0.00	47.87 1.68 0.00	41.12 1.68 0.00	40.51 1.68 0.00	35.78 1.46 -0.17	29.64 1.30 -0.51	34.25 1.47 -1.00	30.94 1.53 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.37 2.61 0.00	70.36 3.60 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.32 2.09 0.00	43.40 1.99 0.00	36.56 1.58 0.00
ASTORIA__4 23517	54.08 1.41 0.00	47.40 1.58 0.00	39.72 1.28 0.00	38.52 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.88 1.39 0.00	51.96 1.64 0.00	47.84 1.66 0.00	41.11 1.68 0.00	40.51 1.67 0.00	35.78 1.46 -0.17	29.63 1.30 -0.51	34.26 1.48 -1.00	30.95 1.54 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.37 2.62 0.00	70.36 3.60 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.30 2.08 0.00	43.41 2.00 0.00	36.56 1.58 0.00
ASTORIA__5 23518	54.10 1.43 0.00	47.41 1.59 0.00	39.72 1.28 0.00	38.53 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.91 1.42 0.00	51.97 1.66 0.00	47.87 1.68 0.00	41.12 1.68 0.00	40.51 1.68 0.00	35.78 1.46 -0.17	29.64 1.30 -0.51	34.25 1.48 -1.00	30.94 1.53 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.37 2.61 0.00	70.36 3.60 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.32 2.09 0.00	43.40 1.99 0.00	36.56 1.58 0.00
AST_ENERGY_2_CC3 323677	53.95 1.28 0.00	47.28 1.46 0.00	39.57 1.13 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.76 1.27 0.00	51.82 1.50 0.00	47.69 1.51 0.00	40.95 1.52 0.00	40.36 1.53 0.00	35.64 1.33 -0.17	29.52 1.20 -0.50	34.14 1.36 -1.00	30.82 1.41 0.00	44.17 1.67 -0.53	48.10 2.07 -0.67	54.25 2.49 0.00	70.28 3.52 0.00	121.16 5.48 0.00	44.47 1.91 0.00	47.20 1.98 0.00	43.27 1.86 0.00	36.45 1.47 0.00
AST_ENERGY_2_CC4 323678	53.95 1.28 0.00	47.28 1.46 0.00	39.57 1.13 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.76 1.27 0.00	51.82 1.50 0.00	47.69 1.51 0.00	40.95 1.52 0.00	40.36 1.53 0.00	35.64 1.33 -0.17	29.52 1.20 -0.50	34.14 1.36 -1.00	30.82 1.41 0.00	44.17 1.67 -0.53	48.10 2.07 -0.67	54.25 2.49 0.00	70.28 3.52 0.00	121.16 5.48 0.00	44.47 1.91 0.00	47.20 1.98 0.00	43.27 1.86 0.00	36.45 1.47 0.00

ATHENS_STG_1 23668	53.25 0.58 0.00	46.57 0.75 0.00	38.94 0.51 0.00	37.89 0.51 0.00	36.32 0.57 0.00	32.99 0.46 0.00	40.76 0.27 0.00	50.53 0.22 0.00	46.39 0.20 0.00	39.70 0.27 0.00	39.12 0.29 0.00	34.50 0.17 -0.19	28.62 0.23 -0.57	33.17 0.28 -1.12	29.79 0.38 0.00	42.79 0.22 -0.59	46.68 0.56 -0.75	52.69 0.94 0.00	68.24 1.48 0.00	117.66 1.98 0.00	43.20 0.64 0.00	45.88 0.65 0.00	42.06 0.65 0.00	35.46 0.49 0.00
ATHENS_STG_2 23670	53.25 0.58 0.00	46.57 0.75 0.00	38.94 0.51 0.00	37.89 0.51 0.00	36.32 0.57 0.00	32.99 0.46 0.00	40.76 0.27 0.00	50.53 0.22 0.00	46.39 0.20 0.00	39.70 0.27 0.00	39.12 0.29 0.00	34.50 0.17 -0.19	28.62 0.23 -0.57	33.17 0.28 -1.12	29.79 0.38 0.00	42.79 0.22 -0.59	46.68 0.56 -0.75	52.69 0.94 0.00	68.24 1.48 0.00	117.66 1.98 0.00	43.20 0.64 0.00	45.88 0.65 0.00	42.06 0.65 0.00	35.46 0.49 0.00
ATHENS_STG_3 23677	53.25 0.58 0.00	46.57 0.75 0.00	38.94 0.51 0.00	37.89 0.51 0.00	36.32 0.57 0.00	32.99 0.46 0.00	40.76 0.27 0.00	50.53 0.22 0.00	46.39 0.20 0.00	39.70 0.27 0.00	39.12 0.29 0.00	34.50 0.17 -0.19	28.62 0.23 -0.57	33.17 0.28 -1.12	29.79 0.38 0.00	42.79 0.22 -0.59	46.68 0.56 -0.75	52.69 0.94 0.00	68.24 1.48 0.00	117.66 1.98 0.00	43.20 0.64 0.00	45.88 0.65 0.00	42.06 0.65 0.00	35.46 0.49 0.00
AUBURN___LFGE 323710	52.65 -0.02 0.00	45.68 -0.14 0.00	38.28 -0.15 0.00	37.14 -0.24 0.00	35.41 -0.33 0.00	32.29 -0.24 0.00	40.38 -0.11 0.00	51.21 0.00 -0.90	46.33 0.14 0.00	39.43 -0.01 0.00	38.85 0.02 0.00	34.19 0.05 0.00	27.81 -0.02 0.00	31.68 -0.09 0.00	29.40 0.00 0.00	41.78 -0.20 0.00	44.88 -0.50 0.00	51.43 -0.33 0.00	66.67 -0.09 0.00	115.30 -0.37 0.00	42.48 -0.08 0.00	45.13 -0.09 0.00	41.21 -0.20 0.00	34.77 -0.20 0.00
BABYLON_RES_REC 323704	54.05 1.38 0.00	47.40 1.58 0.00	39.70 1.27 0.00	38.54 1.17 0.00	36.84 1.10 0.00	33.79 1.26 0.00	41.72 1.23 0.00	51.67 1.35 0.00	47.39 1.20 0.00	40.66 1.22 0.00	40.15 1.32 0.00	35.36 1.04 -0.17	29.26 0.93 -0.50	33.89 1.12 -1.00	30.69 1.29 0.00	44.31 1.81 -0.53	48.23 2.19 -0.67	54.37 2.61 0.00	70.26 3.50 0.00	121.47 5.78 0.00	44.67 2.12 0.00	47.81 2.58 0.00	43.80 2.39 0.00	36.81 1.84 0.00
BALL_HILL_WT_PWR 323825	8.60 -1.71 42.36	22.00 -2.10 21.72	13.75 -1.87 22.81	20.04 -2.02 15.31	18.71 -2.41 14.62	29.61 -2.92 0.00	11.19 -3.35 25.95	21.35 -3.61 25.35	14.26 -2.20 29.72	36.88 -2.55 0.00	36.53 -2.30 0.00	32.76 -1.38 0.00	26.62 -1.21 0.00	30.25 -1.52 0.00	24.77 -1.95 2.68	28.39 -2.70 10.87	28.10 -3.76 13.51	24.56 -4.91 22.29	39.02 -6.54 21.20	66.12 -9.46 40.10	25.70 -3.21 13.65	30.42 -3.89 10.91	20.77 -3.88 16.75	19.54 -2.83 12.61
BARON_WINDS___WT_PWR 323822	62.70 -1.42 -11.45	50.04 -1.66 -5.87	43.03 -1.57 -6.17	39.79 -1.72 -4.14	37.31 -2.38 -3.95	29.53 -3.00 0.00	43.38 -3.67 -6.56	16.71 -4.23 29.38	50.59 -3.62 -8.03	35.94 -3.50 0.00	35.53 -3.30 0.00	31.84 -2.31 0.00	25.81 -2.01 0.00	29.54 -2.23 0.00	13.74 -2.52 13.14	-15.13 -3.63 53.47	-25.41 -4.55 66.23	-40.32 -4.99 87.09	-43.00 -5.83 103.93	-36.86 -9.45 143.09	21.83 -3.11 17.62	44.52 -3.39 -2.68	-28.00 -3.74 65.67	-30.01 -3.17 61.82
BARRETT_IC_1 23704	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_10 23701	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_11 23702	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_12 23703	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_2 23705	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_3 23706	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_4 23707	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_5 23708	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00

BARRETT_IC_6 23709	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_7 23710	53.71 1.04 0.00	47.21 1.40 0.00	39.52 1.09 0.00	38.36 0.99 0.00	36.76 1.02 0.00	33.67 1.14 0.00	41.30 0.81 0.00	51.16 0.85 0.00	47.09 0.91 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.93 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.54 1.14 0.00	43.92 1.42 -0.53	47.78 1.75 -0.67	53.92 2.17 0.00	69.63 2.87 0.00	120.17 4.49 0.00	44.28 1.73 0.00	47.24 2.02 0.00	43.31 1.90 0.00	36.53 1.55 0.00
BARRETT_IC_8 23711	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT_IC_9 23700	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT__1 23545	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BARRETT__2 23546	53.73 1.07 0.00	47.22 1.40 0.00	39.52 1.09 0.00	38.37 0.99 0.00	36.77 1.02 0.00	33.66 1.13 0.00	41.32 0.83 0.00	51.17 0.85 0.00	47.12 0.93 0.00	40.43 1.00 0.00	39.93 1.10 0.00	35.25 0.94 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.53 1.13 0.00	43.91 1.41 -0.53	47.78 1.74 -0.67	53.91 2.15 0.00	69.60 2.84 0.00	120.10 4.42 0.00	44.28 1.73 0.00	47.26 2.04 0.00	43.31 1.90 0.00	36.53 1.56 0.00
BATAVIA__115KV_TB1 55881	51.83 -0.84 0.00	44.49 -1.33 0.00	37.28 -1.15 0.00	36.13 -1.24 0.00	34.27 -1.47 0.00	30.65 -1.88 0.00	38.67 -1.82 0.00	44.70 -1.88 3.74	45.65 -0.54 0.00	38.04 -1.40 0.00	37.49 -1.35 0.00	33.54 -0.60 0.00	27.08 -0.74 0.00	31.15 -0.62 0.00	27.17 -0.82 1.41	35.08 -1.17 5.73	35.85 -2.40 7.13	38.77 -3.50 9.49	51.17 -4.40 11.18	94.47 -5.54 15.67	38.40 -2.01 2.15	42.93 -2.29 0.00	31.91 -2.35 7.15	26.72 -1.60 6.65
BAYONEEC__CTG1 323682	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG10 323750	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG2 323683	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG3 323684	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG4 323685	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG5 323686	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG6 323687	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG7 323688	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00

BAYONEEC__CTG8 323689	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BAYONEEC__CTG9 323749	53.91 1.24 0.00	47.24 1.42 0.00	39.53 1.09 0.00	38.35 0.98 0.00	36.81 1.07 0.00	33.69 1.16 0.00	41.74 1.25 0.00	51.78 1.46 0.00	47.65 1.47 0.00	40.92 1.48 0.00	40.33 1.50 0.00	35.62 1.31 -0.17	29.50 1.18 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.19 2.44 0.00	70.21 3.45 0.00	121.01 5.33 0.00	44.42 1.87 0.00	47.16 1.93 0.00	43.23 1.83 0.00	36.42 1.44 0.00
BEACON__LESR 323632	53.70 1.03 0.00	46.74 0.92 0.00	39.22 0.78 0.00	38.20 0.83 0.00	36.67 0.93 0.00	33.41 0.88 0.00	41.65 1.16 0.00	51.64 1.33 0.00	47.32 1.13 0.00	40.30 0.87 0.00	39.61 0.78 0.00	34.54 0.45 0.05	27.99 0.31 0.14	31.68 0.19 0.28	29.79 0.38 0.00	42.47 0.64 0.14	46.43 1.24 0.18	53.44 1.69 0.00	69.02 2.26 0.00	119.15 3.47 0.00	43.80 1.25 0.00	46.63 1.40 0.00	42.65 1.24 0.00	36.05 1.07 0.00
BEAVER RIVER__HYD 24048	53.01 0.33 0.00	51.27 0.33 -5.12	45.11 0.41 -6.26	37.84 0.46 0.00	36.09 0.35 0.00	32.92 0.39 0.00	40.26 -0.23 0.00	49.66 -0.65 0.00	45.22 -0.97 0.00	69.55 -0.94 -31.06	38.32 -1.12 -0.61	33.00 -1.14 0.00	26.94 -0.89 0.00	31.04 -0.73 0.00	28.78 -0.63 0.00	41.84 -0.13 0.00	44.02 -1.35 0.00	50.10 -1.66 0.00	64.89 -1.87 0.00	113.33 -2.35 0.00	41.54 -1.02 0.00	43.95 -1.28 0.00	40.45 -0.96 0.00	33.65 -1.32 0.00
BEEBEE_GT_13 23619	51.73 -0.93 0.00	44.61 -1.21 0.00	37.42 -1.02 0.00	36.33 -1.05 0.00	34.57 -1.17 0.00	31.18 -1.35 0.00	39.23 -1.25 0.00	49.05 -1.27 0.00	45.72 -0.46 0.00	38.56 -0.87 0.00	37.98 -0.85 0.00	33.70 -0.44 0.00	27.38 -0.44 0.00	31.38 -0.39 0.00	28.88 -0.52 0.00	41.20 -0.78 -0.02	43.89 -1.48 0.00	49.75 -2.01 0.00	64.19 -2.56 0.00	112.27 -3.40 0.00	41.29 -1.26 0.00	43.78 -1.45 0.00	39.83 -1.58 0.00	33.78 -1.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	54.32 1.65 0.00	47.62 1.80 0.00	39.92 1.49 0.00	38.73 1.35 0.00	37.16 1.42 0.00	34.03 1.49 -0.01	42.11 1.63 0.00	52.30 1.98 0.00	48.14 1.96 0.00	41.35 1.92 0.00	40.71 1.88 0.00	35.96 1.65 -0.17	29.78 1.45 -0.51	34.43 1.65 -1.00	31.11 1.70 -0.01	44.54 2.04 -0.53	48.53 2.49 -0.67	54.66 2.90 0.00	70.83 4.08 0.00	122.19 6.51 0.00	44.87 2.32 0.00	47.62 2.40 0.00	43.66 2.25 0.00	36.75 1.77 0.00
BETHLEHEM__GRP 23843	53.34 0.67 0.00	46.46 0.64 0.00	38.98 0.55 0.00	37.97 0.60 0.00	36.45 0.71 0.00	33.19 0.66 0.00	41.29 0.80 0.00	51.18 0.87 0.00	46.90 0.72 0.00	39.98 0.55 0.00	39.32 0.49 0.00	34.36 0.26 0.05	27.86 0.17 0.14	31.54 0.04 0.27	29.59 0.19 0.00	42.16 0.33 0.14	45.99 0.80 0.18	52.93 1.17 0.00	68.34 1.58 0.00	117.99 2.31 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.35 0.94 0.00	35.81 0.83 0.00
BETHLEHEM__GS1 323560	53.35 0.68 0.00	46.46 0.64 0.00	38.98 0.54 0.00	37.97 0.60 0.00	36.45 0.71 0.00	33.19 0.66 0.00	41.30 0.81 0.00	51.19 0.88 0.00	46.91 0.72 0.00	39.98 0.55 0.00	39.32 0.49 0.00	34.36 0.27 0.05	27.86 0.17 0.14	31.55 0.05 0.27	29.60 0.19 0.00	42.16 0.33 0.14	45.99 0.80 0.18	52.92 1.16 0.00	68.33 1.57 0.00	117.98 2.30 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.35 0.94 0.00	35.80 0.83 0.00
BETHLEHEM__GS2 323561	53.35 0.68 0.00	46.46 0.64 0.00	38.98 0.54 0.00	37.97 0.60 0.00	36.45 0.71 0.00	33.19 0.66 0.00	41.30 0.81 0.00	51.19 0.88 0.00	46.91 0.72 0.00	39.98 0.55 0.00	39.32 0.49 0.00	34.36 0.27 0.05	27.86 0.17 0.14	31.55 0.05 0.27	29.60 0.19 0.00	42.16 0.33 0.14	45.99 0.80 0.18	52.92 1.16 0.00	68.33 1.57 0.00	117.98 2.30 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.35 0.94 0.00	35.80 0.83 0.00
BETHLEHEM__GS3 323562	53.35 0.68 0.00	46.46 0.64 0.00	38.98 0.54 0.00	37.97 0.60 0.00	36.45 0.71 0.00	33.19 0.66 0.00	41.30 0.81 0.00	51.19 0.88 0.00	46.91 0.72 0.00	39.98 0.55 0.00	39.32 0.49 0.00	34.36 0.27 0.05	27.86 0.17 0.14	31.55 0.05 0.27	29.60 0.19 0.00	42.16 0.33 0.14	45.99 0.80 0.18	52.92 1.16 0.00	68.33 1.57 0.00	117.98 2.30 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.35 0.94 0.00	35.80 0.83 0.00
BETHLEHEM__STEEL 23779	51.45 -1.22 0.00	44.00 -1.82 0.00	36.87 -1.57 0.00	35.67 -1.70 0.00	33.66 -2.08 0.00	29.86 -2.67 0.00	37.67 -2.81 0.00	39.34 -3.17 7.81	44.60 -1.59 0.00	37.13 -2.30 0.00	36.65 -2.18 0.00	32.85 -1.29 0.00	26.68 -1.14 0.00	30.54 -1.23 0.00	25.24 -1.63 2.54	29.47 -2.23 10.27	29.09 -3.51 12.77	30.06 -4.70 16.99	40.41 -6.31 20.04	78.64 -8.96 28.08	35.60 -3.10 3.85	41.77 -3.45 0.00	25.02 -3.58 12.81	20.49 -2.57 11.92
BETHLHEM_115KV_TB1 79974	53.20 0.53 0.00	46.35 0.53 0.00	38.88 0.45 0.00	37.84 0.47 0.00	36.28 0.54 0.00	33.04 0.51 0.00	41.11 0.63 0.00	51.01 0.70 0.00	46.75 0.56 0.00	39.89 0.46 0.00	39.22 0.38 0.00	34.30 0.20 0.03	27.87 0.15 0.10	31.65 0.07 0.20	29.59 0.18 0.00	42.23 0.26 0.00	45.99 0.62 0.00	52.68 0.92 0.00	68.06 1.30 0.00	117.54 1.86 0.00	43.26 0.71 0.00	46.04 0.81 0.00	42.17 0.76 0.00	35.63 0.66 0.00
BETHPAGE_CC_5 323564	53.91 1.24 0.00	47.30 1.48 0.00	39.60 1.17 0.00	38.44 1.07 0.00	36.82 1.08 0.00	33.74 1.21 0.00	41.60 1.11 0.00	51.53 1.21 0.00	47.29 1.11 0.00	40.59 1.16 0.00	40.13 1.29 0.00	35.37 1.06 -0.17	29.27 0.94 -0.50	33.90 1.13 -1.00	30.66 1.25 0.00	44.18 1.68 -0.53	48.06 2.02 -0.67	54.21 2.46 0.00	70.06 3.30 0.00	121.08 5.40 0.00	44.52 1.97 0.00	47.59 2.37 0.00	43.67 2.26 0.00	36.71 1.73 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.97 -0.70 0.00	44.46 -1.36 0.00	37.26 -1.17 0.00	36.04 -1.33 0.00	33.98 -1.77 0.00	30.15 -2.38 0.00	38.09 -2.40 0.00	40.15 -2.66 7.50	45.04 -1.14 0.00	37.55 -1.88 0.00	37.05 -1.78 0.00	33.22 -0.92 0.00	26.99 -0.84 0.00	30.91 -0.86 0.00	25.73 -1.36 2.32	30.70 -1.87 9.40	30.55 -3.13 11.69	31.96 -4.25 15.55	42.69 -5.73 18.34	82.05 -7.93 25.70	36.38 -2.66 3.52	42.26 -2.96 0.00	26.43 -3.25 11.72	21.73 -2.34 10.91
BINGHAMTON__COGEN 23790	52.23 -0.43 0.00	45.31 -0.51 0.00	37.94 -0.50 0.00	36.91 -0.46 0.00	35.18 -0.56 0.00	31.95 -0.58 0.00	39.84 -0.65 0.00	49.55 -0.76 0.00	45.58 -0.60 0.00	38.90 -0.54 0.00	38.36 -0.47 0.00	33.78 -0.36 0.00	27.48 -0.34 0.00	31.48 -0.30 0.00	29.05 -0.35 0.00	41.47 -0.48 0.01	44.52 -0.86 0.00	50.83 -0.92 0.00	65.81 -0.95 0.00	113.96 -1.72 0.00	42.02 -0.53 0.00	44.63 -0.59 0.00	40.70 -0.71 0.00	34.41 -0.57 0.00

BIXINCNT_115KV_LOAD 355685	52.63 -0.04 0.00	45.01 -0.81 0.00	37.78 -0.66 0.00	36.36 -1.01 0.00	33.86 -1.89 0.00	29.91 -2.62 0.00	40.23 -2.53 -2.27	40.86 -3.09 6.36	44.65 -1.54 0.00	37.58 -1.85 0.00	36.96 -1.87 0.00	33.57 -0.56 0.00	27.33 -0.49 0.00	31.20 -0.57 0.00	25.70 -2.05 1.65	32.22 -3.07 6.68	32.69 -4.37 8.32	35.13 -5.56 11.07	46.59 -7.13 13.05	87.34 -10.05 18.28	37.55 -2.50 2.51	42.67 -2.56 0.00	28.97 -4.10 8.34	23.77 -3.44 7.76
BLACK RIVER___HYD 24047	52.73 0.06 0.00	49.79 0.08 -3.89	43.44 0.25 -4.76	37.70 0.33 0.00	36.00 0.26 0.00	32.94 0.41 0.00	40.38 -0.10 0.00	49.67 -0.64 0.00	45.17 -1.02 0.00	61.93 -1.11 -23.60	37.99 -1.31 -0.46	32.76 -1.38 0.00	26.74 -1.08 0.00	30.88 -0.89 0.00	28.56 -0.84 0.00	41.90 -0.07 0.00	43.95 -1.42 0.00	50.22 -1.54 0.00	65.06 -1.70 0.00	113.76 -1.92 0.00	41.63 -0.93 0.00	43.99 -1.24 0.00	40.49 -0.93 0.00	33.55 -1.42 0.00
BLACKRVR_115KV_TB2 79977	52.73 0.06 0.00	49.79 0.08 -3.89	43.44 0.25 -4.76	37.70 0.33 0.00	36.00 0.26 0.00	32.94 0.41 0.00	40.38 -0.10 0.00	49.67 -0.64 0.00	45.16 -1.02 0.00	61.93 -1.11 -23.60	37.99 -1.31 -0.46	32.76 -1.38 0.00	26.74 -1.08 0.00	30.88 -0.89 0.00	28.56 -0.84 0.00	41.90 -0.07 0.00	43.95 -1.42 0.00	50.21 -1.55 0.00	65.07 -1.69 0.00	113.74 -1.94 0.00	41.63 -0.93 0.00	43.99 -1.24 0.00	40.49 -0.92 0.00	33.55 -1.42 0.00
BLDWN_LI_69_KV_BK4 356085	53.93 1.26 0.00	47.35 1.53 0.00	39.63 1.20 0.00	38.47 1.10 0.00	36.87 1.13 0.00	33.78 1.25 0.00	41.60 1.12 0.00	51.56 1.25 0.00	47.37 1.18 0.00	40.66 1.22 0.00	40.15 1.31 0.00	35.40 1.09 -0.17	29.31 0.99 -0.50	33.95 1.18 -1.00	30.70 1.30 0.00	44.21 1.71 -0.53	48.08 2.04 -0.67	54.30 2.55 0.00	70.20 3.44 0.00	121.29 5.61 0.00	44.63 2.07 0.00	47.61 2.38 0.00	43.64 2.24 0.00	36.73 1.75 0.00
BLISS_WT_PWR 323608	1.57 -0.21 50.89	18.89 -0.83 26.10	10.36 -0.67 27.40	17.91 -1.07 18.39	16.11 -2.07 17.56	29.69 -2.84 0.00	10.70 -2.85 26.94	20.37 -3.45 26.50	8.36 -2.11 35.71	37.42 -2.01 0.00	36.74 -2.09 0.00	33.53 -0.61 0.00	27.31 -0.51 0.00	31.14 -0.64 0.00	25.39 -2.36 1.65	31.75 -3.54 6.68	32.20 -4.85 8.32	29.66 -6.11 16.00	45.98 -7.73 13.05	74.35 -11.15 30.18	26.44 -2.64 13.48	30.00 -2.73 12.50	24.96 -4.45 12.01	23.35 -3.87 7.76
BLUESTONE___WT_PWR 323821	62.18 0.96 -8.55	50.89 0.69 -4.39	43.48 0.45 -4.60	40.85 0.39 -3.09	39.07 0.38 -2.95	32.51 -0.02 0.00	45.02 -0.38 -4.91	53.25 -0.44 -3.38	51.49 -0.70 -6.00	39.39 -0.04 0.00	38.47 -0.36 0.00	33.90 -0.28 -0.04	27.07 -0.86 -0.11	30.94 -1.05 -0.22	28.49 -0.92 0.00	41.14 -0.82 0.01	44.15 -1.22 0.00	51.31 -1.34 -0.90	65.56 -1.20 0.00	115.64 -2.21 0.00	44.15 -0.40 -2.17	47.32 -0.18 -2.00	41.34 -0.74 -0.67	34.20 -0.77 0.00
BLUE_CIRC_CHEM_DRP 24182	53.46 0.79 0.00	46.57 0.75 0.00	39.06 0.63 0.00	38.03 0.66 0.00	36.46 0.72 0.00	33.21 0.68 0.00	41.34 0.85 0.00	51.25 0.94 0.00	46.90 0.72 0.00	39.99 0.56 0.00	39.21 0.38 0.00	34.38 0.24 0.00	27.93 0.11 0.00	31.77 0.00 0.00	29.58 0.18 0.00	42.27 0.30 0.00	46.11 0.74 0.00	52.84 1.08 0.00	68.24 1.48 0.00	117.90 2.22 0.00	43.39 0.84 0.00	46.21 0.98 0.00	42.32 0.91 0.00	35.78 0.80 0.00
BOC_GAS_DRP 24189	53.04 0.37 0.00	46.21 0.40 0.00	38.77 0.33 0.00	37.73 0.35 0.00	36.17 0.43 0.00	32.95 0.41 0.00	40.98 0.49 0.00	50.83 0.51 0.00	46.59 0.40 0.00	39.77 0.33 0.00	39.13 0.30 0.00	34.26 0.15 0.03	27.82 0.10 0.10	31.62 0.05 0.20	29.53 0.13 0.00	42.13 0.16 0.00	45.85 0.48 0.00	52.50 0.74 0.00	67.81 1.06 0.00	117.12 1.44 0.00	43.10 0.54 0.00	45.88 0.65 0.00	42.04 0.63 0.00	35.53 0.55 0.00
BOONVILLE_115KV_TB1 79983	53.50 0.83 0.00	48.50 0.72 -1.96	41.46 0.62 -2.40	38.01 0.64 0.00	36.31 0.57 0.00	33.12 0.59 0.00	40.95 0.46 0.00	50.74 0.43 0.00	46.42 0.23 0.00	51.47 0.11 -11.92	39.08 0.02 -0.23	34.07 -0.07 0.00	27.75 -0.08 0.00	31.85 0.07 0.00	29.56 0.16 0.00	42.54 0.57 0.00	45.45 0.08 0.00	51.88 0.13 0.00	67.25 0.49 0.00	116.94 1.26 0.00	42.88 0.33 0.00	45.39 0.17 0.00	41.59 0.18 0.00	34.86 -0.12 0.00
BORALEX_4TH_BRANCH 23824	53.43 0.76 0.00	46.53 0.71 0.00	39.05 0.61 0.00	38.13 0.76 0.00	36.65 0.91 0.00	33.31 0.78 0.00	41.40 0.91 0.00	51.14 0.83 0.00	46.82 0.64 0.00	39.72 0.29 0.00	39.09 0.26 0.00	33.96 -0.12 0.06	27.34 -0.32 0.17	30.80 -0.64 0.34	28.92 -0.48 0.00	41.22 -0.58 0.18	45.48 0.34 0.22	52.65 0.89 0.00	67.92 1.16 0.00	117.11 1.44 0.00	43.00 0.44 0.00	46.11 0.88 0.00	42.34 0.93 0.00	35.86 0.89 0.00
BOWLINE___1 23526	53.37 0.70 0.00	46.70 0.88 0.00	39.09 0.66 0.00	37.94 0.56 0.00	36.41 0.67 0.00	33.28 0.75 0.00	41.30 0.82 0.00	51.26 0.94 0.00	47.08 0.90 0.00	40.38 0.95 0.00	39.76 0.93 0.00	35.11 0.81 -0.16	29.02 0.72 -0.47	33.56 0.85 -0.94	30.32 0.92 0.00	43.48 1.02 -0.50	47.40 1.40 -0.63	53.53 1.78 0.00	69.38 2.62 0.00	119.56 3.88 0.00	43.89 1.34 0.00	46.60 1.38 0.00	42.71 1.30 0.00	35.99 1.02 0.00
BOWLINE___2 23595	53.37 0.70 0.00	46.70 0.88 0.00	39.09 0.66 0.00	37.94 0.56 0.00	36.41 0.67 0.00	33.28 0.75 0.00	41.30 0.82 0.00	51.26 0.94 0.00	47.08 0.90 0.00	40.38 0.95 0.00	39.76 0.93 0.00	35.11 0.81 -0.16	29.02 0.72 -0.47	33.56 0.85 -0.94	30.32 0.92 0.00	43.48 1.02 -0.50	47.40 1.40 -0.63	53.53 1.78 0.00	69.38 2.62 0.00	119.56 3.88 0.00	43.89 1.34 0.00	46.60 1.38 0.00	42.71 1.30 0.00	35.99 1.02 0.00
BRADY___115KV_TB2 356060	54.37 1.70 0.00	64.03 1.57 -16.64	60.25 1.46 -20.35	38.77 1.40 0.00	36.94 1.20 0.00	33.60 1.07 0.00	41.71 1.22 0.00	51.82 1.50 0.00	47.41 1.22 0.00	141.62 1.19 -100.99	41.83 1.03 -1.97	35.17 1.03 0.00	28.83 1.01 0.00	32.98 1.20 0.00	30.44 1.03 0.00	43.60 1.63 0.00	46.63 1.26 0.00	52.55 0.79 0.00	67.23 0.47 0.00	117.58 1.90 0.00	43.14 0.58 -0.01	45.82 0.59 0.00	42.19 0.78 0.00	35.55 0.57 0.00
BRANSCOMB___SOLAR 323811	53.98 1.31 0.00	47.00 1.18 0.00	39.42 0.99 0.00	38.43 1.06 0.00	36.92 1.18 0.00	33.72 1.19 0.00	42.04 1.55 0.00	52.15 1.83 0.00	47.62 1.44 0.00	40.48 1.05 0.00	39.70 0.87 0.00	34.75 0.65 0.04	27.92 0.22 0.12	31.56 0.04 0.24	29.59 0.18 0.00	42.55 0.58 0.00	46.85 1.48 0.00	53.84 2.09 0.00	69.50 2.74 0.00	119.94 4.26 0.00	44.03 1.48 0.00	46.86 1.64 0.00	42.90 1.49 0.00	36.26 1.29 0.00
BRDGHMPT_69_KV_BK1 55812	53.85 1.18 0.00	47.91 2.09 0.00	40.17 1.74 0.00	39.12 1.75 0.00	37.31 1.56 0.00	34.18 1.64 0.00	42.26 1.77 0.00	52.17 1.85 0.00	47.85 1.66 0.00	40.97 1.53 0.00	40.60 1.77 0.00	35.59 1.27 -0.17	29.53 1.20 -0.50	34.15 1.38 -1.00	30.94 1.53 0.00	44.58 2.07 -0.53	48.68 2.64 -0.67	54.75 3.00 0.00	71.00 4.24 0.00	123.38 7.70 0.00	45.35 2.79 0.00	48.98 3.76 0.00	44.81 3.40 0.00	37.61 2.63 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	54.13 1.46 0.00	47.51 1.69 0.00	39.81 1.38 0.00	38.66 1.29 0.00	37.01 1.27 0.00	33.92 1.39 0.00	41.87 1.38 0.00	51.78 1.47 0.00	47.48 1.29 0.00	40.79 1.35 0.00	40.32 1.49 0.00	35.50 1.19 -0.17	29.39 1.06 -0.50	34.06 1.28 -1.00	30.85 1.45 0.00	44.48 1.98 -0.53	48.42 2.38 -0.67	54.60 2.84 0.00	70.53 3.77 0.00	121.65 5.97 0.00	44.82 2.27 0.00	48.06 2.84 0.00	44.06 2.65 0.00	37.02 2.04 0.00
BRISTLHL_115KV_TB1 79998	50.93 -1.74 0.00	44.88 -1.61 -0.66	37.89 -1.36 -0.81	36.07 -1.31 0.00	34.50 -1.24 0.00	31.41 -1.12 0.00	39.19 -1.30 0.00	48.79 -1.52 0.00	44.87 -1.31 0.00	42.27 -1.19 -4.03	37.74 -1.17 -0.08	33.11 -1.03 0.00	26.97 -0.86 0.00	30.83 -0.94 0.00	28.52 -0.88 0.00	40.73 -1.24 0.00	43.88 -1.49 0.00	50.17 -1.59 0.00	64.82 -1.94 0.00	112.34 -3.34 0.00	41.32 -1.23 0.00	43.83 -1.40 0.00	40.03 -1.38 0.00	33.77 -1.20 0.00
BROOKHAVEN__DRP 24191	53.49 0.82 0.00	47.14 1.31 0.00	39.51 1.08 0.00	38.44 1.07 0.00	36.70 0.96 0.00	33.62 1.08 0.00	41.48 0.99 0.00	51.18 0.86 0.00	46.97 0.78 0.00	40.32 0.89 0.00	40.00 1.17 0.00	35.14 0.83 -0.17	29.17 0.84 -0.50	33.74 0.97 -1.00	30.53 1.13 0.00	44.00 1.50 -0.53	47.93 1.89 -0.67	53.89 2.13 0.00	69.79 3.03 0.00	121.09 5.42 0.00	44.55 1.99 0.00	48.08 2.85 0.00	44.03 2.63 0.00	36.98 2.00 0.00
BROOKLYN_NAVY_YARD 23515	53.84 1.17 0.00	47.15 1.33 0.00	39.45 1.02 0.00	38.27 0.90 0.00	36.73 0.99 0.00	33.61 1.08 0.00	41.66 1.17 0.00	51.71 1.40 0.00	47.58 1.40 0.00	40.87 1.44 0.00	40.27 1.44 0.00	35.56 1.25 -0.17	29.47 1.15 -0.50	34.07 1.30 -1.00	30.76 1.35 0.00	44.07 1.57 -0.53	48.00 1.97 -0.67	54.14 2.38 0.00	70.14 3.38 0.00	120.96 5.28 0.00	44.40 1.84 0.00	47.10 1.88 0.00	43.19 1.78 0.00	36.38 1.40 0.00
BROOKLYN__ARMY_DRP 323595	54.06 1.39 0.00	47.42 1.60 0.00	39.77 1.33 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.89 1.35 -0.01	41.93 1.44 0.00	52.05 1.73 0.00	47.91 1.72 0.00	41.14 1.71 0.00	40.52 1.68 0.00	35.79 1.47 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.31 1.81 -0.53	48.29 2.25 -0.67	54.39 2.63 0.00	70.47 3.71 0.00	121.54 5.86 0.00	44.64 2.09 0.00	47.37 2.14 0.00	43.44 2.03 0.00	36.57 1.60 0.00
BROOME_2_LFGE 323671	67.32 -0.46 -15.11	53.05 -0.52 -7.75	46.07 -0.49 -8.13	42.37 -0.46 -5.46	40.40 -0.56 -5.21	31.95 -0.58 0.00	48.48 -0.68 -8.67	55.51 -0.77 -5.97	56.11 -0.65 -10.58	38.90 -0.53 0.00	38.36 -0.47 0.00	33.78 -0.36 0.00	27.48 -0.34 0.00	31.48 -0.30 0.00	29.05 -0.36 0.00	41.47 -0.48 0.01	44.51 -0.86 0.00	52.41 -0.94 -1.60	65.78 -0.98 0.00	117.80 -1.74 -3.86	45.58 -0.54 -3.56	48.68 -0.60 -4.06	41.88 -0.72 -1.19	34.41 -0.57 0.00
BROOME__LFGE 323600	67.32 -0.46 -15.11	53.05 -0.52 -7.75	46.07 -0.49 -8.13	42.37 -0.46 -5.46	40.40 -0.56 -5.21	31.95 -0.58 0.00	48.48 -0.68 -8.67	55.51 -0.77 -5.97	56.11 -0.65 -10.58	38.90 -0.53 0.00	38.36 -0.47 0.00	33.78 -0.36 0.00	27.48 -0.34 0.00	31.48 -0.30 0.00	29.05 -0.36 0.00	41.47 -0.48 0.01	44.51 -0.86 0.00	52.41 -0.94 -1.60	65.78 -0.98 0.00	117.80 -1.74 -3.86	45.58 -0.54 -3.56	48.68 -0.60 -4.06	41.88 -0.72 -1.19	34.41 -0.57 0.00
BROWNFLS_115KV_TB 3_5 80003	52.94 0.27 0.00	54.97 0.31 -8.85	49.66 0.41 -10.82	37.79 0.42 0.00	36.00 0.26 0.00	32.80 0.27 0.00	40.30 -0.18 0.00	49.86 -0.45 0.00	45.49 -0.69 0.00	92.61 -0.52 -53.69	39.22 -0.66 -1.05	33.52 -0.63 0.00	27.42 -0.40 0.00	31.49 -0.28 0.00	29.16 -0.24 0.00	42.09 0.12 0.00	44.49 -0.88 0.00	50.33 -1.43 0.00	64.75 -2.02 0.00	113.02 -2.66 0.00	41.43 -1.12 0.00	43.97 -1.26 0.00	40.61 -0.80 0.00	33.96 -1.01 0.00
BROWNSV1_27_KV_LOAD 356125	54.36 1.69 0.00	47.64 1.82 0.00	39.86 1.42 0.00	38.67 1.30 0.00	37.10 1.36 0.00	33.97 1.44 0.00	42.09 1.60 0.00	52.28 1.97 0.00	48.09 1.90 0.00	41.28 1.85 0.00	40.70 1.87 0.00	35.94 1.62 -0.17	29.76 1.43 -0.50	34.41 1.64 -1.00	31.08 1.67 0.00	44.52 2.02 -0.53	48.50 2.46 -0.67	54.70 2.94 0.00	70.86 4.10 0.00	122.25 6.57 0.00	44.87 2.32 0.00	47.59 2.37 0.00	43.63 2.22 0.00	36.74 1.76 0.00
BURROWS__LYONSDAL 23803	53.35 0.68 0.00	49.00 0.60 -2.58	42.14 0.55 -3.16	37.95 0.58 0.00	36.24 0.49 0.00	33.05 0.52 0.00	40.67 0.18 0.00	50.34 0.03 0.00	45.99 -0.20 -15.67	54.84 -0.27 -0.31	38.75 -0.39 0.00	33.70 -0.45 0.00	27.45 -0.37 0.00	31.55 -0.22 0.00	29.30 -0.11 0.00	42.25 0.28 0.00	44.96 -0.41 0.00	51.30 -0.45 0.00	66.54 -0.22 0.00	115.84 0.16 0.00	42.48 -0.08 0.00	44.92 -0.31 0.00	41.21 -0.20 0.00	34.47 -0.51 0.00
CAITHNESS_CC_1 323624	53.50 0.83 0.00	47.08 1.26 0.00	39.46 1.03 0.00	38.38 1.01 0.00	36.65 0.91 0.00	33.58 1.05 0.00	41.46 0.97 0.00	51.13 0.82 0.00	46.94 0.75 0.00	40.30 0.86 0.00	39.95 1.12 0.00	35.11 0.80 -0.17	29.14 0.81 -0.50	33.72 0.94 -1.00	30.50 1.10 0.00	43.96 1.46 -0.53	47.86 1.82 -0.67	53.85 2.09 0.00	69.69 2.93 0.00	120.82 5.15 0.00	44.46 1.90 0.00	47.96 2.73 0.00	43.91 2.50 0.00	36.88 1.91 0.00
CALPINE BETH_PAGE_GT4 24209	53.85 1.17 0.00	47.25 1.43 0.00	39.56 1.12 0.00	38.40 1.03 0.00	36.79 1.05 0.00	33.70 1.17 0.00	41.47 0.98 0.00	51.39 1.08 0.00	47.14 0.96 0.00	40.49 1.06 0.00	40.02 1.19 0.00	35.29 0.98 -0.17	29.20 0.87 -0.50	33.82 1.05 -1.00	30.57 1.16 0.00	44.02 1.52 -0.53	47.90 1.86 -0.67	54.05 2.30 0.00	69.84 3.08 0.00	120.75 5.07 0.00	44.38 1.82 0.00	47.41 2.18 0.00	43.58 2.17 0.00	36.64 1.67 0.00
CALPINE_BETH_PAGE_GT_4 323586	53.88 1.21 0.00	47.25 1.43 0.00	39.56 1.12 0.00	38.40 1.03 0.00	36.79 1.06 0.00	33.71 1.17 0.00	41.49 1.00 0.00	51.40 1.08 0.00	47.17 0.98 0.00	40.49 1.06 0.00	40.02 1.19 0.00	35.29 0.97 -0.17	29.20 0.88 -0.50	33.81 1.05 -1.00	30.56 1.16 0.00	44.02 1.52 -0.53	47.89 1.85 -0.67	54.04 2.28 0.00	69.83 3.07 0.00	120.69 5.01 0.00	44.38 1.82 0.00	47.42 2.20 0.00	43.57 2.16 0.00	36.64 1.66 0.00
CALPINE_BP_GT1 23823	53.88 1.21 0.00	47.25 1.43 0.00	39.56 1.12 0.00	38.40 1.03 0.00	36.79 1.06 0.00	33.71 1.17 0.00	41.49 1.00 0.00	51.40 1.08 0.00	47.17 0.98 0.00	40.49 1.06 0.00	40.02 1.19 0.00	35.29 0.97 -0.17	29.20 0.88 -0.50	33.81 1.05 -1.00	30.56 1.16 0.00	44.02 1.52 -0.53	47.89 1.85 -0.67	54.04 2.28 0.00	69.83 3.07 0.00	120.69 5.01 0.00	44.38 1.82 0.00	47.42 2.20 0.00	43.57 2.16 0.00	36.64 1.66 0.00
CALSPAN__DRP 24200	51.45 -1.22 0.00	44.00 -1.82 0.00	36.87 -1.57 0.00	35.67 -1.70 0.00	33.66 -2.08 0.00	29.86 -2.67 0.00	37.67 -2.81 7.81	39.34 -3.17 0.00	44.60 -1.59 0.00	37.13 -2.30 0.00	36.65 -2.18 0.00	32.85 -1.29 0.00	26.68 -1.14 0.00	30.54 -1.23 0.00	25.24 -1.63 2.54	29.47 -2.23 10.27	29.09 -3.51 12.77	30.06 -4.70 16.99	40.41 -6.31 20.04	78.64 -8.96 28.08	35.60 -3.10 3.85	41.77 -3.45 0.00	25.02 -3.58 12.81	20.49 -2.57 11.92

CALVERTON__SOLAR 323806	53.59 0.92 0.00	47.23 1.41 0.00	39.60 1.17 0.00	38.54 1.17 0.00	36.76 1.02 0.00	33.67 1.14 0.00	41.59 1.10 0.00	51.29 0.97 0.00	47.09 0.90 0.00	40.39 0.95 0.00	40.07 1.24 0.00	35.18 0.86 -0.17	29.20 0.87 -0.50	33.77 1.00 -1.00	30.55 1.15 0.00	44.03 1.54 -0.53	47.98 1.94 -0.67	53.97 2.22 0.00	69.90 3.14 0.00	121.39 5.71 0.00	44.65 2.09 0.00	48.26 3.03 0.00	44.16 2.75 0.00	37.07 2.10 0.00
CANDIGU_WT_PWR 323617	62.70 -1.42 -11.45	50.04 -1.66 -5.87	43.03 -1.57 -6.17	39.79 -1.72 -4.14	37.31 -2.38 -3.95	29.53 -3.00 0.00	43.38 -3.67 -6.56	16.71 -4.23 29.38	50.59 -3.62 -8.03	35.94 -3.50 0.00	35.53 -3.30 0.00	31.84 -2.31 0.00	25.81 -2.01 0.00	29.54 -2.23 0.00	13.74 -2.52 13.14	-15.13 -3.63 53.47	-25.41 -4.55 66.23	-40.32 -4.99 87.09	-43.00 -5.83 103.93	-36.86 -9.45 143.09	21.83 -3.11 17.62	44.52 -3.39 -2.68	-28.00 -3.74 65.67	-30.01 -3.17 61.82
CARR STREET_E__SYR 24060	52.01 -0.66 0.00	45.44 -0.68 -0.31	38.22 -0.59 -0.38	36.79 -0.58 0.00	35.17 -0.57 0.00	32.00 -0.53 0.00	39.94 -0.55 0.00	49.73 -0.58 0.00	45.74 -0.45 0.00	40.89 -0.41 -1.87	38.47 -0.39 -0.04	33.83 -0.31 0.00	27.54 -0.28 0.00	31.51 -0.26 0.00	29.13 -0.27 0.00	41.55 -0.42 0.00	44.73 -0.64 0.00	51.06 -0.69 0.00	66.02 -0.74 0.00	114.47 -1.21 0.00	42.12 -0.44 0.00	44.68 -0.54 0.00	40.82 -0.59 0.00	34.47 -0.51 0.00
CARTHAGE__PAPER 23857	53.27 0.60 0.00	50.74 0.56 -4.36	44.40 0.63 -5.34	38.05 0.68 0.00	36.32 0.57 0.00	33.19 0.66 0.00	40.66 0.17 0.00	50.08 -0.24 0.00	45.54 -0.64 0.00	65.21 -0.71 -26.49	38.43 -0.92 -0.52	33.14 -1.00 0.00	27.03 -0.79 0.00	31.20 -0.57 0.00	28.85 -0.56 0.00	42.21 0.25 0.00	44.35 -1.02 0.00	50.54 -1.22 0.00	65.45 -1.31 0.00	114.42 -1.26 0.00	41.88 -0.68 0.00	44.29 -0.93 0.00	40.77 -0.64 0.00	33.84 -1.14 0.00
CASSADAGA_WT_PWR 323784	3.08 -1.56 48.03	19.11 -2.09 24.62	10.49 -2.08 25.86	17.52 -2.50 17.36	16.18 -2.99 16.57	29.02 -3.50 0.01	-11.11 -4.04 47.56	16.09 -3.82 30.41	10.28 -2.21 33.69	36.87 -2.56 0.00	36.90 -1.93 0.00	33.34 -0.80 0.00	27.01 -0.82 0.00	29.80 -1.97 0.00	24.90 -2.57 1.94	30.35 -3.78 7.84	31.20 -4.42 9.75	28.57 -5.56 17.63	44.13 -7.33 15.30	73.87 -9.12 32.68	26.49 -2.76 13.31	29.02 -4.40 11.81	23.51 -4.65 13.24	22.59 -3.29 9.10
CE_DUNWOOD__DRP 24194	53.62 0.95 0.00	46.96 1.14 0.00	39.31 0.88 0.00	38.15 0.78 0.00	36.62 0.87 0.00	33.50 0.97 0.00	41.53 1.05 0.00	51.54 1.23 0.00	47.34 1.16 0.00	40.62 1.18 0.00	40.03 1.20 0.00	35.32 1.00 -0.17	29.23 0.91 -0.50	33.83 1.06 -1.00	30.52 1.12 0.00	43.80 1.30 -0.53	47.75 1.71 -0.67	53.88 2.12 0.00	69.78 3.03 0.00	120.33 4.65 0.00	44.16 1.61 0.00	46.88 1.66 0.00	42.98 1.58 0.00	36.22 1.24 0.00
CE_MILLWOOD__DRP 24193	53.52 0.85 0.00	46.87 1.05 0.00	39.24 0.80 0.00	38.08 0.71 0.00	36.55 0.81 0.00	33.44 0.90 0.00	41.45 0.96 0.00	51.45 1.13 0.00	47.25 1.06 0.00	40.53 1.09 0.00	39.93 1.10 0.00	35.25 0.93 -0.17	29.16 0.83 -0.50	33.74 0.98 -0.99	30.44 1.04 0.00	43.68 1.18 -0.53	47.62 1.58 -0.66	53.77 2.01 0.00	69.63 2.87 0.00	120.03 4.35 0.00	44.07 1.51 0.00	46.78 1.55 0.00	42.90 1.49 0.00	36.14 1.17 0.00
CE_NYC2_DRP 24202	54.07 1.41 0.00	47.39 1.57 0.00	39.71 1.28 0.00	38.52 1.15 0.00	36.98 1.24 0.00	33.85 1.31 -0.01	41.88 1.39 0.00	51.96 1.65 0.00	47.84 1.66 0.00	41.11 1.68 0.00	40.51 1.67 0.00	35.77 1.46 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.95 1.54 -0.01	44.32 1.82 -0.53	48.27 2.23 -0.67	54.39 2.64 0.00	70.39 3.63 0.00	121.38 5.70 0.00	44.58 2.02 0.00	47.31 2.08 0.00	43.41 2.00 0.00	36.56 1.58 0.00
CE_NYC_DRP 24195	53.93 1.26 0.00	47.26 1.45 0.00	39.55 1.12 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.83 1.51 0.00	47.67 1.48 0.00	40.95 1.52 0.00	40.36 1.53 0.00	35.65 1.34 -0.17	29.53 1.20 -0.50	34.14 1.37 -1.00	30.83 1.42 0.00	44.17 1.67 -0.53	48.12 2.08 -0.67	54.29 2.53 0.00	70.30 3.54 0.00	121.21 5.53 0.00	44.48 1.92 0.00	47.18 1.96 0.00	43.26 1.85 0.00	36.44 1.47 0.00
CHAFFEE__LFGE 323603	6.03 -1.28 45.36	20.82 -1.74 23.26	12.51 -1.50 24.42	19.36 -1.62 16.39	18.11 -1.98 15.65	29.99 -2.54 0.00	12.67 -2.76 25.06	22.23 -2.99 25.10	12.72 -1.65 31.82	37.28 -2.16 0.00	36.77 -2.06 0.00	32.91 -1.23 0.00	26.74 -1.08 0.00	30.64 -1.13 0.00	25.79 -1.51 2.11	31.38 -2.05 8.54	31.45 -3.30 10.62	28.73 -4.41 18.62	44.18 -5.91 16.66	72.98 -8.52 34.18	26.39 -2.98 13.18	30.43 -3.42 11.37	24.07 -3.36 13.99	22.65 -2.42 9.91
CHATEAUG_35_KV_LOAD 355732	53.30 0.63 0.00	48.28 0.62 -1.83	41.28 0.61 -2.25	37.87 0.50 0.00	35.92 0.18 0.00	32.64 0.11 0.00	40.42 -0.07 0.00	50.03 -0.29 0.00	45.85 -0.34 0.00	50.60 0.02 -11.14	39.32 0.27 -0.22	34.38 0.24 0.00	28.37 0.55 0.00	32.48 0.71 0.00	29.86 0.46 0.00	42.61 0.65 0.00	45.96 0.59 0.00	51.90 0.14 0.00	66.40 -0.36 0.00	115.99 0.31 0.00	41.90 -0.66 0.00	44.58 -0.64 0.00	41.11 -0.30 0.00	34.39 -0.59 0.00
CHATEAUG_WT_PWR 323614	53.20 0.53 0.00	46.04 0.51 0.28	38.58 0.49 0.35	37.76 0.38 0.00	35.86 0.12 0.00	32.59 0.06 0.00	40.37 -0.12 0.00	49.95 -0.37 0.00	45.80 -0.39 0.00	37.63 -0.08 1.72	38.95 0.16 0.03	34.34 0.19 0.00	28.26 0.44 0.00	32.33 0.57 0.00	29.76 0.36 0.00	42.49 0.52 0.00	45.81 0.44 0.00	51.74 -0.01 0.00	66.17 -0.59 0.00	115.51 -0.16 0.00	41.86 -0.69 0.00	44.59 -0.63 0.00	41.08 -0.33 0.00	34.42 -0.56 0.00
CHAT_HIGH_FALL_HYD 323578	53.30 0.63 0.00	48.28 0.62 -1.83	41.28 0.61 -2.25	37.87 0.50 0.00	35.92 0.18 0.00	32.64 0.11 0.00	40.42 -0.07 0.00	50.03 -0.29 0.00	45.85 -0.34 0.00	50.60 0.02 -11.14	39.32 0.27 -0.22	34.38 0.24 0.00	28.37 0.55 0.00	32.48 0.71 0.00	29.86 0.46 0.00	42.61 0.65 0.00	45.96 0.59 0.00	51.90 0.14 0.00	66.40 -0.36 0.00	115.99 0.31 0.00	41.90 -0.66 0.00	44.58 -0.64 0.00	41.11 -0.30 0.00	34.39 -0.59 0.00
CHAUTAUQUA__LFGE 323629	5.89 -1.70 45.08	20.61 -2.10 23.11	12.19 -1.97 24.27	18.92 -2.16 16.29	17.60 -2.58 15.56	29.51 -3.02 0.00	5.82 -3.47 31.20	20.03 -3.60 26.69	12.35 -2.21 31.63	36.93 -2.50 0.00	36.70 -2.13 0.00	32.96 -1.18 0.00	26.76 -1.06 0.00	30.19 -1.59 0.00	24.99 -2.08 2.34	29.53 -2.96 9.47	29.74 -3.85 11.78	26.62 -4.96 20.17	41.75 -6.53 18.48	69.81 -9.11 36.76	26.01 -2.99 13.56	29.93 -3.89 11.40	22.23 -4.02 15.16	21.07 -2.91 10.99
CHERRYST_13_KV_LD 356241	54.04 1.37 0.00	47.37 1.55 0.00	39.64 1.21 0.00	38.46 1.09 0.00	36.92 1.17 0.00	33.79 1.26 0.00	41.86 1.37 0.00	51.96 1.65 0.00	47.81 1.62 0.00	41.07 1.64 0.00	40.48 1.65 0.00	35.76 1.45 -0.17	29.61 1.29 -0.50	34.25 1.48 -1.00	30.92 1.52 0.00	44.31 1.81 -0.53	48.26 2.22 -0.67	54.44 2.69 0.00	70.49 3.73 0.00	121.48 5.80 0.00	44.58 2.03 0.00	47.29 2.07 0.00	43.36 1.95 0.00	36.52 1.55 0.00

CHESTROR_138KV_BK263 355645	53.20 0.53 0.00	46.53 0.71 0.00	38.95 0.52 0.00	37.81 0.44 0.00	36.27 0.53 0.00	33.16 0.63 0.00	41.16 0.67 0.00	51.10 0.78 0.00	46.90 0.72 0.00	40.17 0.73 0.00	39.52 0.69 0.00	34.85 0.57 -0.15	28.77 0.52 -0.43	33.25 0.63 -0.85	30.11 0.71 0.00	43.22 0.81 -0.45	47.09 1.15 -0.57	53.22 1.47 0.00	68.99 2.23 0.00	118.99 3.30 0.00	43.69 1.14 0.00	46.38 1.16 0.00	42.50 1.09 0.00	35.82 0.84 0.00
CH_MIDHUDSON__DRP 24192	53.50 0.83 0.00	46.80 0.98 0.00	39.18 0.75 0.00	38.05 0.68 0.00	36.53 0.79 0.00	33.40 0.87 0.00	41.45 0.97 0.00	51.47 1.15 0.00	47.23 1.05 0.00	40.39 0.96 0.00	39.78 0.95 0.00	35.00 0.70 -0.16	28.91 0.62 -0.47	33.43 0.73 -0.93	30.22 0.82 0.00	43.42 0.96 -0.49	47.37 1.37 -0.62	53.62 1.86 0.00	69.47 2.71 0.00	119.87 4.19 0.00	43.99 1.44 0.00	46.70 1.48 0.00	42.80 1.39 0.00	36.07 1.10 0.00
CH_MISC_IPPS 23765	53.76 1.09 0.00	47.00 1.19 0.00	39.35 0.91 0.00	38.20 0.83 0.00	36.67 0.93 0.00	33.54 1.01 0.00	41.65 1.17 0.00	51.74 1.42 0.00	47.49 1.30 0.00	40.61 1.17 0.00	39.95 1.12 0.00	35.16 0.86 -0.16	29.04 0.76 -0.46	33.60 0.92 -0.91	30.38 0.98 0.00	43.70 1.25 -0.48	47.64 1.67 -0.61	53.90 2.15 0.00	69.87 3.11 0.00	120.59 4.91 0.00	44.25 1.70 0.00	46.97 1.75 0.00	43.02 1.60 0.00	36.23 1.26 0.00
CH_RES_BVR_FALLS 23983	52.72 0.05 0.00	45.53 0.05 0.34	38.08 0.07 0.42	37.43 0.06 0.00	35.75 0.01 0.00	32.49 -0.04 0.00	40.43 -0.06 0.00	50.25 -0.06 0.00	46.11 -0.07 0.00	37.31 -0.04 2.09	38.78 -0.01 0.04	34.16 0.02 0.00	27.86 0.04 0.00	31.85 0.08 0.00	29.45 0.05 0.00	42.03 0.06 0.00	45.38 0.00 0.00	51.62 -0.13 0.00	66.45 -0.31 0.00	115.40 -0.28 0.00	42.38 -0.18 0.00	45.07 -0.16 0.00	41.29 -0.12 0.00	34.84 -0.13 0.00
CH_RES_NIAGARA 23895	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
CH_RES_SYRACUSE 23985	52.24 -0.43 0.00	45.64 -0.47 -0.29	38.37 -0.43 -0.36	36.96 -0.42 0.00	35.32 -0.42 0.00	32.16 -0.37 0.00	40.15 -0.34 0.00	50.00 -0.32 0.00	45.95 -0.23 0.00	40.98 -0.24 -1.78	38.64 -0.23 -0.04	33.97 -0.16 0.00	27.65 -0.17 0.00	31.61 -0.16 0.00	29.25 -0.16 0.00	41.70 -0.27 0.00	44.90 -0.47 0.00	51.30 -0.46 0.00	66.37 -0.38 0.00	114.95 -0.73 0.00	42.30 -0.26 0.00	44.88 -0.34 0.00	40.99 -0.42 0.00	34.61 -0.36 0.00
CLINTON_WT_PWR 323605	53.20 0.53 0.00	46.04 0.51 0.28	38.58 0.49 0.35	37.76 0.38 0.00	35.86 0.12 0.00	32.59 0.06 0.00	40.37 -0.12 0.00	49.95 -0.37 0.00	45.80 -0.39 0.00	37.63 -0.08 1.72	38.95 0.16 0.03	34.34 0.19 0.00	28.26 0.44 0.00	32.33 0.57 0.00	29.76 0.36 0.00	42.49 0.52 0.00	45.81 0.44 0.00	51.74 -0.01 0.00	66.17 -0.59 0.00	115.51 -0.16 0.00	41.86 -0.69 0.00	44.59 -0.63 0.00	41.08 -0.33 0.00	34.42 -0.56 0.00
CLINTON__LFGE 323618	53.83 1.17 0.00	47.23 1.13 -0.28	39.78 1.01 -0.34	38.20 0.83 0.00	36.27 0.53 0.00	32.98 0.45 0.00	40.90 0.41 0.00	50.53 0.21 0.00	46.35 0.16 0.00	41.54 0.42 -1.68	39.47 0.61 -0.03	34.66 0.52 0.00	28.54 0.71 0.00	32.70 0.93 0.00	30.09 0.68 0.00	42.95 0.98 0.00	46.40 1.03 0.00	52.46 0.70 0.00	66.90 0.14 0.00	116.74 1.06 0.00	42.46 -0.09 0.00	45.27 0.04 0.00	41.67 0.26 0.00	34.89 -0.08 0.00
COBBLENY_34_KV_TB1 80064	51.52 -1.14 0.00	44.08 -1.74 0.00	36.94 -1.50 0.00	35.76 -1.61 0.00	33.76 -1.99 0.00	29.99 -2.54 0.00	38.80 -2.66 -0.97	40.17 -2.99 7.15	44.72 -1.47 0.00	37.27 -2.16 0.00	36.77 -2.06 0.00	32.92 -1.22 0.00	26.74 -1.08 0.00	30.64 -1.13 0.00	25.78 -1.51 2.11	31.34 -2.09 8.54	31.39 -3.36 10.62	33.12 -4.50 14.13	44.06 -6.04 16.66	83.78 -8.55 23.35	36.38 -2.98 3.20	41.90 -3.33 0.00	27.31 -3.44 10.65	22.61 -2.45 9.91
COFFEEN__115KV_TB3 355620	52.80 0.13 0.00	49.77 0.14 -3.80	43.38 0.29 -4.65	37.74 0.37 0.00	36.05 0.31 0.00	33.00 0.47 0.00	40.53 0.04 0.00	49.90 -0.41 0.00	45.36 -0.82 -23.09	61.58 -1.12 -0.45	38.16 -1.23 0.00	32.91 -0.96 0.00	26.86 -0.74 0.00	31.03 -0.74 0.00	28.66 -0.74 0.00	42.08 0.11 0.00	44.17 -1.20 0.00	50.50 -1.26 0.00	65.45 -1.31 0.00	114.42 -1.26 0.00	41.86 -0.69 0.00	44.23 -1.00 0.00	40.67 -0.74 0.00	33.69 -1.28 0.00
COLDSPRG_115KV_BK1 355956	52.58 -0.09 0.00	44.96 -0.86 0.00	37.57 -0.86 0.00	36.27 -1.09 0.00	34.21 -1.53 0.00	30.49 -2.05 -0.01	50.62 -2.06 -12.19	44.04 -1.88 4.40	45.57 -0.61 0.00	38.23 -1.20 0.00	38.01 -0.82 0.00	34.09 -0.05 0.00	27.70 -0.12 0.00	31.31 -0.46 0.00	27.01 -1.10 1.30	34.91 -1.81 5.25	36.15 -2.68 6.54	39.43 -3.62 8.71	51.80 -4.70 10.26	95.56 -5.74 14.38	38.78 -1.80 1.97	42.70 -2.53 0.00	31.93 -2.91 6.56	26.91 -1.96 6.11
COLONIE_LFGE__ 323577	53.33 0.66 0.00	46.44 0.62 0.00	38.96 0.53 0.00	37.98 0.61 0.00	36.48 0.74 0.00	33.26 0.73 0.00	41.38 0.89 0.00	51.27 0.96 0.00	46.95 0.77 0.00	39.95 0.51 0.00	39.27 0.44 0.00	34.27 0.18 0.05	27.68 0.00 0.14	31.29 -0.19 0.28	29.35 -0.06 0.00	41.86 0.04 0.15	45.90 0.71 0.19	52.93 1.17 0.00	68.32 1.57 0.00	117.92 2.25 0.00	43.33 0.78 0.00	46.22 0.99 0.00	42.34 0.93 0.00	35.82 0.84 0.00
COOPERNY_115KV_TB1 80082	53.01 0.34 0.00	46.29 0.47 0.00	38.77 0.34 0.00	37.65 0.28 0.00	36.10 0.36 0.00	32.97 0.44 0.00	40.94 0.45 0.00	50.83 0.52 0.00	46.65 0.46 0.00	39.94 0.51 0.00	39.30 0.47 0.00	34.62 0.38 -0.09	28.43 0.33 -0.28	32.74 0.43 -0.55	29.89 0.48 0.00	42.81 0.55 -0.29	46.51 0.78 -0.37	52.79 1.03 0.00	68.34 1.58 0.00	117.93 2.25 0.00	43.34 0.79 0.00	46.04 0.81 0.00	42.17 0.76 0.00	35.56 0.59 0.00
COPENHAGEN_WT_PWR 323753	52.42 -0.25 0.00	49.32 -0.15 -3.66	42.99 0.08 -4.47	37.55 0.18 0.00	35.85 0.11 0.00	32.76 0.23 0.00	40.05 -0.44 0.00	49.13 -1.19 0.00	44.59 -1.59 0.00	60.01 -1.61 -22.19	37.47 -1.80 -0.43	32.34 -1.81 0.00	26.39 -1.44 0.00	30.48 -1.29 0.00	28.29 -1.12 0.00	41.51 -0.46 0.00	43.36 -2.01 0.00	49.57 -2.19 0.00	64.21 -2.54 0.00	112.18 -3.50 0.00	41.07 -1.49 0.00	43.41 -1.82 0.00	40.00 -1.41 0.00	33.14 -1.84 0.00
CORNELL____ 23752	53.06 0.39 0.00	45.98 0.16 0.00	38.50 0.07 0.00	37.39 0.02 0.00	35.68 -0.06 0.00	32.44 -0.09 0.00	40.52 0.04 0.00	52.95 0.21 -2.42	46.44 0.26 0.00	39.60 0.17 0.00	39.02 0.19 0.00	34.25 0.11 0.00	27.66 -0.16 0.00	31.69 -0.08 0.00	30.21 0.04 -0.76	45.06 0.05 -3.04	48.73 0.40 -3.76	56.46 -0.31 -5.01	72.76 0.09 -5.91	124.48 0.52 -8.28	43.97 0.28 -1.14	45.48 0.25 0.00	45.23 0.04 -3.78	38.44 -0.05 -3.51

CORONA_69_KV_TB1 355595	53.96 1.29 0.00	47.34 1.52 0.00	39.62 1.19 0.00	38.46 1.08 0.00	36.87 1.13 0.00	33.76 1.23 0.00	41.68 1.19 0.00	51.66 1.34 0.00	47.46 1.28 0.00	40.73 1.30 0.00	40.20 1.37 0.00	35.46 1.15 -0.17	29.35 1.02 -0.50	34.00 1.23 -1.00	30.72 1.32 0.00	44.18 1.68 -0.53	48.09 2.05 -0.67	54.28 2.52 0.00	70.18 3.42 0.00	121.20 5.52 0.00	44.56 2.01 0.00	47.49 2.26 0.00	43.52 2.11 0.00	36.64 1.66 0.00
CORTLAND_115KV_TB3 80093	52.68 0.01 0.00	45.99 -0.11 -0.28	38.64 -0.14 -0.35	37.22 -0.15 0.00	35.56 -0.18 0.00	32.35 -0.18 0.00	40.37 -0.11 0.00	50.26 -0.06 0.00	46.20 0.01 0.00	41.13 -0.03 -1.73	38.86 -0.01 -0.03	34.13 -0.01 0.00	27.70 -0.13 0.00	31.72 -0.05 0.00	29.36 -0.04 0.00	41.95 -0.02 0.00	45.07 -0.30 0.00	51.44 -0.31 0.00	66.71 -0.05 0.00	115.68 0.00 0.00	42.58 0.03 0.00	45.21 -0.02 0.00	41.26 -0.15 0.00	34.79 -0.18 0.00
COXSACKIE__GT 23611	55.15 2.48 0.00	47.95 2.13 0.00	40.20 1.76 0.00	39.17 1.80 0.00	37.60 1.86 0.00	34.31 1.78 0.00	42.96 2.47 0.00	53.54 3.23 0.00	48.95 2.76 0.00	41.19 1.75 0.00	40.30 1.47 0.00	35.02 0.88 0.00	28.45 0.62 0.00	32.27 0.50 0.00	30.29 0.89 0.00	43.15 1.18 0.00	47.78 2.41 0.00	55.02 3.26 0.00	71.22 4.46 0.00	122.90 7.22 0.00	45.17 2.62 0.00	47.95 2.73 0.00	43.81 2.41 0.00	36.94 1.96 0.00
CPV_VALLEY__CC1 323721	52.90 0.23 0.00	46.23 0.41 0.00	38.71 0.28 0.00	37.59 0.21 0.00	36.05 0.31 0.00	32.96 0.43 0.00	40.90 0.41 0.00	50.76 0.45 0.00	46.61 0.42 0.00	39.92 0.49 0.00	39.29 0.46 0.00	34.66 0.39 -0.13	28.56 0.36 -0.38	32.97 0.45 -0.75	29.93 0.52 0.00	42.88 0.51 -0.40	46.67 0.80 -0.50	52.84 1.08 0.00	68.45 1.69 0.00	118.04 2.36 0.00	43.37 0.82 0.00	46.05 0.83 0.00	42.19 0.78 0.00	35.59 0.62 0.00
CPV_VALLEY__CC2 323722	52.90 0.23 0.00	46.23 0.41 0.00	38.71 0.28 0.00	37.59 0.21 0.00	36.05 0.31 0.00	32.96 0.43 0.00	40.90 0.41 0.00	50.76 0.45 0.00	46.61 0.42 0.00	39.92 0.49 0.00	39.29 0.46 0.00	34.66 0.39 -0.13	28.56 0.36 -0.38	32.97 0.45 -0.75	29.93 0.52 0.00	42.88 0.51 -0.40	46.67 0.80 -0.50	52.84 1.08 0.00	68.45 1.69 0.00	118.04 2.36 0.00	43.37 0.82 0.00	46.05 0.83 0.00	42.19 0.78 0.00	35.59 0.62 0.00
CRESCENT__HYD 24018	53.33 0.66 0.00	46.44 0.62 0.00	38.96 0.53 0.00	37.98 0.61 0.00	36.48 0.74 0.00	33.26 0.73 0.00	41.38 0.89 0.00	51.27 0.96 0.00	46.95 0.77 0.00	39.95 0.51 0.00	39.27 0.44 0.00	34.27 0.18 0.05	27.68 0.00 0.14	31.29 -0.19 0.28	29.35 -0.06 0.00	41.86 0.04 0.15	45.90 0.71 0.19	52.93 1.17 0.00	68.32 1.57 0.00	117.92 2.25 0.00	43.33 0.78 0.00	46.22 0.99 0.00	42.34 0.93 0.00	35.82 0.84 0.00
CRICKET__VALLEY_CC1 323756	52.74 0.07 0.00	46.20 0.38 0.00	38.68 0.25 0.00	37.58 0.21 0.00	36.11 0.37 0.00	33.06 0.53 0.00	41.01 0.52 0.00	50.90 0.58 0.00	46.68 0.50 0.00	39.88 0.45 0.00	39.30 0.47 0.00	31.65 0.25 2.75	20.04 0.24 8.02	16.16 0.29 15.90	29.83 0.42 0.00	30.27 0.29 11.99	30.91 0.67 15.13	52.98 1.23 0.00	68.62 1.87 0.00	118.32 2.64 0.00	43.42 0.86 0.00	46.08 0.86 0.00	42.28 0.87 0.00	35.67 0.69 0.00
CRICKET__VALLEY_CC2 323757	52.74 0.07 0.00	46.20 0.38 0.00	38.68 0.25 0.00	37.58 0.21 0.00	36.11 0.37 0.00	33.06 0.53 0.00	41.01 0.52 0.00	50.90 0.58 0.00	46.68 0.50 0.00	39.88 0.45 0.00	39.30 0.47 0.00	31.65 0.25 2.75	20.04 0.24 8.02	16.16 0.29 15.90	29.83 0.42 0.00	30.27 0.29 11.99	30.91 0.67 15.13	52.98 1.23 0.00	68.62 1.87 0.00	118.32 2.64 0.00	43.42 0.86 0.00	46.08 0.86 0.00	42.28 0.87 0.00	35.67 0.69 0.00
CRICKET__VALLEY_CC3 323758	52.74 0.07 0.00	46.20 0.38 0.00	38.68 0.25 0.00	37.58 0.21 0.00	36.11 0.37 0.00	33.06 0.53 0.00	41.01 0.52 0.00	50.90 0.58 0.00	46.68 0.50 0.00	39.88 0.45 0.00	39.30 0.47 0.00	31.65 0.25 2.75	20.04 0.24 8.02	16.16 0.29 15.90	29.83 0.42 0.00	30.27 0.29 11.99	30.91 0.67 15.13	52.98 1.23 0.00	68.62 1.87 0.00	118.32 2.64 0.00	43.42 0.86 0.00	46.08 0.86 0.00	42.28 0.87 0.00	35.67 0.69 0.00
CRUCIBLE_METL_DRP 24180	52.24 -0.42 0.00	45.64 -0.47 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.32 -0.42 0.00	32.16 -0.37 0.00	40.15 -0.33 0.00	49.99 -0.32 0.00	45.97 -0.22 0.00	40.98 -0.24 -1.78	38.64 -0.23 -0.04	33.97 -0.17 0.00	27.65 -0.17 0.00	31.61 -0.16 0.00	29.24 -0.16 0.00	41.70 -0.27 0.00	44.90 -0.47 0.00	51.30 -0.45 0.00	66.38 -0.38 0.00	114.95 -0.73 0.00	42.29 -0.26 0.00	44.89 -0.33 0.00	40.99 -0.42 0.00	34.61 -0.37 0.00
DAHOWA__HYDRO 323763	54.17 1.50 0.00	47.14 1.32 0.00	39.54 1.10 0.00	38.56 1.18 0.00	37.07 1.33 0.00	33.86 1.33 0.00	42.25 1.76 0.00	52.41 2.10 0.00	47.85 1.66 0.00	40.63 1.20 0.00	39.83 1.00 0.00	34.89 0.79 0.04	28.01 0.31 0.12	31.67 0.13 0.24	29.67 0.27 0.00	42.71 0.74 0.00	47.07 1.70 0.00	54.12 2.36 0.00	69.85 3.09 0.00	120.54 4.86 0.00	44.23 1.68 0.00	47.06 1.84 0.00	43.07 1.66 0.00	36.40 1.43 0.00
DANC__LFGE 323619	52.05 -0.61 0.00	48.13 -0.52 -2.84	41.60 -0.30 -3.47	37.17 -0.20 0.00	35.51 -0.23 0.00	32.43 -0.10 0.00	39.90 -0.58 0.00	49.17 -1.14 0.00	44.78 -1.40 0.00	55.27 -1.38 -17.22	37.65 -1.52 -0.34	32.64 -1.50 0.00	26.61 -1.21 0.00	30.67 -1.10 0.00	28.42 -0.99 0.00	41.37 -0.60 0.00	43.63 -1.74 0.00	49.90 -1.86 0.00	64.62 -2.14 0.00	112.62 -3.06 0.00	41.27 -1.29 0.00	43.67 -1.56 0.00	40.10 -1.31 0.00	33.39 -1.59 0.00
DANSKAMMER__1 23586	53.76 1.09 0.00	47.00 1.19 0.00	39.35 0.91 0.00	38.20 0.83 0.00	36.67 0.93 0.00	33.54 1.01 0.00	41.65 1.17 0.00	51.74 1.42 0.00	47.49 1.30 0.00	40.61 1.17 0.00	39.95 1.12 0.00	35.16 0.86 -0.16	29.04 0.76 -0.46	33.60 0.92 -0.91	30.38 0.98 0.00	43.70 1.25 -0.48	47.64 1.67 -0.61	53.90 2.15 0.00	69.87 3.11 0.00	120.59 4.91 0.00	44.25 1.70 0.00	46.97 1.75 0.00	43.02 1.60 0.00	36.23 1.26 0.00
DANSKAMMER__2 23589	53.76 1.09 0.00	47.00 1.19 0.00	39.35 0.91 0.00	38.20 0.83 0.00	36.67 0.93 0.00	33.54 1.01 0.00	41.65 1.17 0.00	51.74 1.42 0.00	47.49 1.30 0.00	40.61 1.17 0.00	39.95 1.12 0.00	35.16 0.86 -0.16	29.04 0.76 -0.46	33.60 0.92 -0.91	30.38 0.98 0.00	43.70 1.25 -0.48	47.64 1.67 -0.61	53.90 2.15 0.00	69.87 3.11 0.00	120.59 4.91 0.00	44.25 1.70 0.00	46.97 1.75 0.00	43.02 1.60 0.00	36.23 1.26 0.00
DANSKAMMER__3 23590	53.76 1.09 0.00	47.00 1.19 0.00	39.35 0.91 0.00	38.20 0.83 0.00	36.67 0.93 0.00	33.54 1.01 0.00	41.65 1.17 0.00	51.74 1.42 0.00	47.49 1.30 0.00	40.61 1.17 0.00	39.95 1.12 0.00	35.16 0.86 -0.16	29.04 0.76 -0.46	33.60 0.92 -0.91	30.38 0.98 0.00	43.70 1.25 -0.48	47.64 1.67 -0.61	53.90 2.15 0.00	69.87 3.11 0.00	120.59 4.91 0.00	44.25 1.70 0.00	46.97 1.75 0.00	43.02 1.60 0.00	36.23 1.26 0.00

DANSKAMMER___4 23591	53.76 1.09 0.00	47.00 1.19 0.00	39.35 0.91 0.00	38.20 0.83 0.00	36.67 0.93 0.00	33.54 1.01 0.00	41.65 1.17 0.00	51.74 1.42 0.00	47.49 1.30 0.00	40.61 1.17 0.00	39.95 1.12 0.00	35.16 0.86 -0.16	29.04 0.76 -0.46	33.60 0.92 -0.91	30.38 0.98 0.00	43.70 1.25 -0.48	47.64 1.67 -0.61	53.90 2.15 0.00	69.87 3.11 0.00	120.59 4.91 0.00	44.25 1.70 0.00	46.97 1.75 0.00	43.02 1.60 0.00	36.23 1.26 0.00
DANSKAMMER___DIESEL 23592	53.74 1.07 0.00	47.00 1.18 0.00	39.35 0.91 0.00	38.20 0.83 0.00	36.66 0.93 0.00	33.54 1.01 0.00	41.64 1.16 0.00	51.74 1.42 0.00	47.47 1.29 0.00	40.61 1.17 0.00	39.95 1.12 0.00	35.16 0.87 -0.16	29.03 0.75 -0.46	33.60 0.92 -0.91	30.39 0.98 0.00	43.70 1.25 -0.48	47.65 1.67 -0.61	53.91 2.15 0.00	69.88 3.12 0.00	120.60 4.92 0.00	44.26 1.70 0.00	46.96 1.74 0.00	43.01 1.60 0.00	36.24 1.26 0.00
DARBY___SOLAR 323810	54.00 1.33 0.00	47.02 1.20 0.00	39.43 1.00 0.00	38.45 1.08 0.00	36.95 1.21 0.00	33.75 1.22 0.00	42.07 1.59 0.00	52.19 1.88 0.00	47.66 1.48 0.00	40.50 1.07 0.00	39.71 0.88 0.00	34.77 0.67 0.04	27.94 0.24 0.12	31.59 0.06 0.24	29.61 0.21 0.00	42.59 0.62 0.00	46.90 1.53 0.00	53.91 2.15 0.00	69.56 2.80 0.00	120.06 4.38 0.00	44.07 1.51 0.00	46.90 1.67 0.00	42.93 1.52 0.00	36.29 1.31 0.00
DASHVILLE___HYD 23610	53.20 0.53 0.00	46.53 0.72 0.00	38.96 0.53 0.00	37.83 0.46 0.00	36.32 0.57 0.00	33.19 0.66 0.00	41.23 0.74 0.00	51.20 0.88 0.00	47.03 0.84 0.00	40.20 0.77 0.00	39.59 0.76 0.00	34.76 0.51 -0.10	28.64 0.51 -0.30	33.05 0.69 -0.59	30.08 0.67 0.00	43.13 0.84 -0.31	46.98 1.21 -0.40	53.38 1.62 0.00	69.18 2.42 0.00	119.34 3.66 0.00	43.81 1.25 0.00	46.50 1.27 0.00	42.60 1.19 0.00	35.90 0.92 0.00
DELAWARE___LFGE 323621	53.11 0.44 0.00	46.18 0.37 0.00	38.69 0.25 0.00	37.60 0.23 0.00	35.96 0.22 0.00	32.76 0.23 0.00	40.78 0.30 0.00	50.72 0.41 0.00	46.52 0.33 0.00	39.78 0.34 0.00	39.17 0.34 0.00	34.44 0.30 0.00	28.01 0.19 0.00	32.07 0.30 0.00	29.65 0.25 0.00	42.34 0.38 0.00	45.70 0.33 0.00	52.15 0.40 0.00	67.44 0.68 0.00	116.59 0.91 0.00	43.01 0.45 0.00	45.70 0.47 0.00	41.76 0.35 0.00	35.24 0.26 0.00
DERFIELD_115KV_TB7 355931	52.59 -0.08 0.00	46.12 -0.05 -0.36	38.79 -0.08 -0.44	37.30 -0.07 0.00	35.69 -0.05 0.00	32.47 -0.06 0.00	40.42 -0.07 0.00	50.21 -0.10 0.00	46.09 -0.09 0.00	41.55 -0.05 -2.17	38.81 -0.07 -0.04	34.06 -0.09 0.00	27.72 -0.10 0.00	31.65 -0.12 0.00	29.32 -0.09 0.00	41.84 -0.13 0.00	45.30 -0.08 0.00	51.74 -0.02 0.00	66.82 0.06 0.00	115.64 -0.04 0.00	42.55 0.00 0.00	45.23 0.00 0.00	41.41 0.00 0.00	34.99 0.02 0.00
DOGLEVILLE___HYD 23807	52.47 -0.20 0.00	45.84 -0.34 -0.36	38.27 -0.61 -0.44	36.82 -0.55 0.00	35.42 -0.32 0.00	32.35 -0.17 0.00	40.42 -0.06 0.00	50.14 -0.17 0.00	45.64 -0.54 -2.17	41.13 -0.47 -0.04	38.16 -0.72 -0.04	33.24 -0.90 0.00	26.61 -1.21 0.00	30.04 -1.73 0.00	28.13 -1.28 0.00	41.01 -0.96 0.00	45.08 -0.29 0.00	51.91 0.15 0.00	67.29 0.54 0.00	116.05 0.37 0.00	42.72 0.16 0.00	45.61 0.39 0.00	41.82 0.41 0.00	35.27 0.29 0.00
DUNKIRK___115KV_TB_200 55889	51.16 -1.51 0.00	43.73 -2.09 0.00	36.49 -1.95 0.00	35.26 -2.12 0.00	33.21 -2.53 0.00	29.57 -2.96 0.00	33.25 -3.33 3.90	38.15 -3.56 8.61	44.17 -2.02 0.00	36.96 -2.47 0.00	36.69 -2.14 0.00	32.92 -1.22 0.00	26.73 -1.09 0.00	30.23 -1.54 0.00	25.00 -2.03 2.38	29.45 -2.89 9.63	29.57 -3.83 11.98	30.86 -4.96 15.94	41.46 -6.51 18.80	80.23 -9.11 26.34	35.95 -2.99 3.61	41.47 -3.76 0.00	25.39 -4.00 12.02	20.91 -2.89 11.18
DUNKIRK___1 23563	51.16 -1.51 0.00	43.73 -2.09 0.00	36.49 -1.95 0.00	35.26 -2.12 0.00	33.21 -2.53 0.00	29.57 -2.96 0.00	33.25 -3.33 3.90	38.15 -3.56 8.61	44.17 -2.02 0.00	36.96 -2.47 0.00	36.69 -2.14 0.00	32.92 -1.22 0.00	26.73 -1.09 0.00	30.23 -1.54 0.00	25.00 -2.03 2.38	29.45 -2.89 9.63	29.57 -3.83 11.98	30.86 -4.96 15.94	41.46 -6.51 18.80	80.23 -9.11 26.34	35.95 -2.99 3.61	41.47 -3.76 0.00	25.39 -4.00 12.02	20.91 -2.89 11.18
DUNKIRK___2 23564	51.16 -1.51 0.00	43.73 -2.09 0.00	36.49 -1.95 0.00	35.26 -2.12 0.00	33.21 -2.53 0.00	29.57 -2.96 0.00	33.25 -3.33 3.90	38.15 -3.56 8.61	44.17 -2.02 0.00	36.96 -2.47 0.00	36.69 -2.14 0.00	32.92 -1.22 0.00	26.73 -1.09 0.00	30.23 -1.54 0.00	25.00 -2.03 2.38	29.45 -2.89 9.63	29.57 -3.83 11.98	30.86 -4.96 15.94	41.46 -6.51 18.80	80.23 -9.11 26.34	35.95 -2.99 3.61	41.47 -3.76 0.00	25.39 -4.00 12.02	20.91 -2.89 11.18
DUNKIRK___3 23565	51.16 -1.51 0.00	43.77 -2.05 0.00	36.57 -1.86 0.00	35.37 -2.00 0.00	33.35 -2.40 0.00	29.68 -2.85 0.00	35.25 -3.19 2.05	38.35 -3.51 8.46	44.19 -2.00 0.00	36.96 -2.47 0.00	36.63 -2.20 0.00	32.83 -1.31 0.00	26.68 -1.14 0.00	30.31 -1.46 0.00	24.92 -1.91 2.57	28.86 -2.69 10.42	28.68 -3.73 12.96	29.64 -4.87 17.24	40.04 -6.39 20.33	78.02 -9.16 28.49	35.57 -3.08 3.91	41.54 -3.68 0.00	24.55 -3.86 13.00	20.10 -2.78 12.09
DUNKIRK___4 23566	51.16 -1.51 0.00	43.77 -2.05 0.00	36.57 -1.86 0.00	35.37 -2.00 0.00	33.35 -2.40 0.00	29.68 -2.85 0.00	35.25 -3.19 2.05	38.35 -3.51 8.46	44.19 -2.00 0.00	36.96 -2.47 0.00	36.63 -2.20 0.00	32.83 -1.31 0.00	26.68 -1.14 0.00	30.31 -1.46 0.00	24.92 -1.91 2.57	28.86 -2.69 10.42	28.68 -3.73 12.96	29.64 -4.87 17.24	40.04 -6.39 20.33	78.02 -9.16 28.49	35.57 -3.08 3.91	41.54 -3.68 0.00	24.55 -3.86 13.00	20.10 -2.78 12.09
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	53.73 1.06 0.00	47.06 1.24 0.00	39.39 0.95 0.00	38.23 0.86 0.00	36.69 0.94 0.00	33.57 1.04 0.00	41.61 1.13 0.00	51.64 1.33 0.00	47.46 1.27 0.00	40.72 1.29 0.00	40.14 1.30 0.00	35.42 1.11 -0.17	29.32 0.99 -0.50	33.91 1.14 -1.00	30.62 1.21 0.00	43.92 1.42 -0.53	47.86 1.82 -0.67	54.01 2.25 0.00	69.94 3.18 0.00	120.59 4.91 0.00	44.27 1.72 0.00	47.00 1.77 0.00	43.10 1.69 0.00	36.31 1.33 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	53.45 0.78 0.00	46.74 0.92 0.00	39.13 0.70 0.00	37.98 0.61 0.00	36.45 0.71 0.00	33.34 0.80 0.00	41.38 0.89 0.00	51.40 1.08 0.00	47.17 0.99 0.00	40.37 0.93 0.00	39.71 0.88 0.00	35.00 0.72 -0.15	28.87 0.62 -0.43	33.39 0.77 -0.85	30.23 0.83 0.00	43.44 1.02 -0.45	47.35 1.41 -0.57	53.55 1.79 0.00	69.43 2.67 0.00	119.78 4.10 0.00	43.98 1.42 0.00	46.67 1.45 0.00	42.75 1.34 0.00	36.03 1.05 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	54.02 1.35 0.00	47.37 1.55 0.00	39.70 1.26 0.00	38.50 1.13 0.00	36.97 1.23 0.00	33.85 1.31 -0.01	41.77 1.28 0.00	51.92 1.61 0.00	47.81 1.62 0.00	41.01 1.57 0.00	40.38 1.55 0.00	35.69 1.37 -0.17	29.54 1.21 -0.51	34.14 1.36 -1.00	30.86 1.45 -0.01	44.16 1.66 -0.53	48.11 2.07 -0.67	54.28 2.52 0.00	70.26 3.50 0.00	121.31 5.63 0.00	44.54 1.99 0.00	47.25 2.02 0.00	43.37 1.96 0.00	36.50 1.53 0.00

E179THST_13_KV_LOAD 356214	54.24 1.57 0.00	47.54 1.72 0.00	39.84 1.41 0.00	38.64 1.27 0.00	37.09 1.35 0.00	33.95 1.41 -0.01	41.93 1.44 0.00	52.13 1.82 0.00	48.00 1.82 0.00	41.19 1.76 0.00	40.54 1.71 0.00	35.84 1.52 -0.17	29.67 1.34 -0.51	34.29 1.52 -1.00	31.00 1.58 -0.01	44.34 1.84 -0.53	48.33 2.29 -0.67	54.52 2.76 0.00	70.59 3.83 0.00	121.84 6.17 0.00	44.74 2.18 0.00	47.44 2.22 0.00	43.53 2.12 0.00	36.65 1.67 0.00
EAST HAMPTON___GT 23717	53.85 1.18 0.00	48.16 2.34 0.00	40.39 1.96 0.00	39.32 1.95 0.00	37.49 1.75 0.00	34.36 1.83 0.00	42.54 2.05 0.00	52.49 2.18 0.00	48.15 1.97 0.00	41.17 1.74 0.00	40.79 1.96 0.00	35.73 1.42 -0.17	29.63 1.31 -0.50	34.27 1.50 -1.00	31.07 1.66 0.00	44.78 2.28 -0.53	48.91 2.87 -0.67	55.04 3.28 0.00	71.41 4.65 0.00	124.04 8.36 0.00	45.59 3.04 0.00	49.25 4.03 0.00	45.02 3.62 0.00	37.77 2.79 0.00
EAST RIVER___6 23660	53.89 1.22 0.00	47.20 1.38 0.00	39.51 1.07 0.00	38.33 0.96 0.00	36.79 1.05 0.00	33.68 1.15 0.00	41.74 1.26 0.00	51.82 1.50 0.00	47.69 1.51 0.00	40.95 1.52 0.00	40.39 1.55 0.00	35.67 1.36 -0.17	29.54 1.22 -0.50	34.17 1.40 -1.00	30.84 1.43 0.00	44.19 1.69 -0.53	48.14 2.10 -0.67	54.29 2.54 0.00	70.32 3.56 0.00	121.22 5.55 0.00	44.45 1.90 0.00	47.16 1.94 0.00	43.23 1.82 0.00	36.41 1.43 0.00
EAST RIVER___7 23524	53.89 1.22 0.00	47.20 1.38 0.00	39.51 1.07 0.00	38.33 0.96 0.00	36.79 1.05 0.00	33.68 1.15 0.00	41.74 1.26 0.00	51.82 1.50 0.00	47.69 1.51 0.00	40.95 1.52 0.00	40.39 1.55 0.00	35.67 1.36 -0.17	29.54 1.22 -0.50	34.17 1.40 -1.00	30.84 1.43 0.00	44.19 1.69 -0.53	48.14 2.10 -0.67	54.29 2.54 0.00	70.32 3.56 0.00	121.22 5.55 0.00	44.45 1.90 0.00	47.16 1.94 0.00	43.23 1.82 0.00	36.41 1.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	53.62 0.95 0.00	46.96 1.14 0.00	39.31 0.88 0.00	38.15 0.78 0.00	36.62 0.87 0.00	33.50 0.97 0.00	41.53 1.05 0.00	51.54 1.23 0.00	47.34 1.16 0.00	40.62 1.18 0.00	40.03 1.20 0.00	35.32 1.00 -0.17	29.23 0.91 -0.50	33.83 1.06 -1.00	30.52 1.12 0.00	43.80 1.30 -0.53	47.75 1.71 -0.67	53.88 2.12 0.00	69.78 3.03 0.00	120.33 4.65 0.00	44.16 1.61 0.00	46.88 1.66 0.00	42.98 1.58 0.00	36.22 1.24 0.00
EAST_HAMPTON___DIESEL 23722	53.78 1.11 0.00	48.17 2.36 0.00	40.40 1.97 0.00	39.33 1.95 0.00	37.50 1.76 0.00	34.37 1.84 0.00	42.55 2.07 0.00	52.51 2.19 0.00	48.16 1.97 0.00	41.19 1.75 0.00	40.79 1.96 0.00	35.74 1.43 -0.17	29.64 1.31 -0.50	34.28 1.51 -1.00	31.07 1.67 0.00	44.79 2.29 -0.53	48.92 2.88 -0.67	55.06 3.30 0.00	71.42 4.66 0.00	124.08 8.40 0.00	45.60 3.05 0.00	49.26 4.04 0.00	45.03 3.62 0.00	37.78 2.80 0.00
EAST_POINT___SOLAR 323840	54.95 2.28 0.00	47.63 1.82 0.00	39.83 1.39 0.00	38.66 1.29 0.00	36.96 1.22 0.00	33.69 1.16 0.00	42.16 1.67 0.00	52.60 2.29 0.00	47.90 1.71 0.00	40.86 1.42 0.00	39.67 0.84 0.00	34.99 0.85 0.00	27.75 -0.08 0.00	31.53 -0.24 0.00	29.47 0.06 0.00	43.29 1.33 0.00	47.06 1.69 0.00	53.47 1.71 0.00	69.64 2.88 0.00	121.14 5.45 0.00	44.61 2.05 0.00	47.30 2.08 0.00	43.16 1.75 0.00	36.40 1.42 0.00
EAST_PULASKI___ESR 323781	51.79 -0.87 0.00	46.85 -0.80 -1.82	40.05 -0.61 -2.23	36.82 -0.55 0.00	35.21 -0.53 0.00	32.14 -0.39 0.00	39.82 -0.66 0.00	49.32 -0.99 0.00	45.12 -1.06 0.00	49.47 -1.02 -11.06	37.94 -1.11 -0.22	33.07 -1.07 0.00	26.95 -0.87 0.00	30.95 -0.82 0.00	28.64 -0.76 0.00	41.33 -0.64 0.00	44.04 -1.33 0.00	50.38 -1.37 0.00	65.17 -1.59 0.00	113.30 -2.38 0.00	41.59 -0.97 0.00	44.03 -1.19 0.00	40.33 -1.08 0.00	33.78 -1.20 0.00
EAST_RIVER___1 323558	53.93 1.27 0.00	47.26 1.44 0.00	39.56 1.12 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.76 1.27 0.00	51.82 1.50 0.00	47.69 1.51 0.00	40.95 1.52 0.00	40.36 1.53 0.00	35.65 1.34 -0.17	29.53 1.21 -0.50	34.14 1.37 -1.00	30.82 1.41 0.00	44.17 1.68 -0.53	48.11 2.08 -0.67	54.29 2.53 0.00	70.29 3.53 0.00	121.18 5.50 0.00	44.47 1.91 0.00	47.19 1.97 0.00	43.25 1.85 0.00	36.44 1.47 0.00
EAST_RIVER___2 323559	53.89 1.22 0.00	47.20 1.38 0.00	39.51 1.07 0.00	38.33 0.96 0.00	36.79 1.05 0.00	33.68 1.15 0.00	41.74 1.26 0.00	51.82 1.50 0.00	47.69 1.51 0.00	40.95 1.52 0.00	40.39 1.55 0.00	35.67 1.36 -0.17	29.54 1.22 -0.50	34.17 1.40 -1.00	30.84 1.43 0.00	44.19 1.69 -0.53	48.14 2.10 -0.67	54.29 2.54 0.00	70.32 3.56 0.00	121.22 5.55 0.00	44.45 1.90 0.00	47.16 1.94 0.00	43.23 1.82 0.00	36.41 1.43 0.00
EAST___DELAWARE_HYD 23607	52.51 -0.17 0.00	46.16 0.34 0.00	38.65 0.21 0.00	37.54 0.17 0.00	36.03 0.29 0.00	32.98 0.45 0.00	41.02 0.54 0.00	51.03 0.71 0.00	47.54 1.36 0.00	40.58 1.15 0.00	39.84 1.01 0.00	35.03 0.78 -0.11	28.75 0.59 -0.33	33.21 0.78 -0.66	30.31 0.90 0.00	43.75 1.43 -0.35	47.46 1.65 -0.44	53.86 2.10 0.00	69.92 3.16 0.00	120.56 4.88 0.00	44.24 1.68 0.00	46.93 1.70 0.00	42.90 1.49 0.00	36.15 1.18 0.00
EIGHT_POINT___WT_PWR 323820	60.84 -1.17 -9.34	49.05 -1.56 -4.79	41.94 -1.52 -5.03	38.89 -1.86 -3.37	36.13 -2.83 -3.22	28.76 -3.77 0.00	41.40 -4.45 -5.36	75.34 -5.16 -30.18	48.03 -4.70 -6.55	34.83 -4.61 0.00	34.47 -4.36 0.00	31.11 -3.03 0.00	25.07 -2.76 0.00	28.66 -3.11 0.00	33.77 -3.08 -7.45	67.79 -4.44 -30.26	77.30 -5.50 -37.43	95.59 -5.98 -49.81	118.44 -7.05 -58.73	187.81 -10.17 -82.30	50.46 -3.39 -11.29	41.62 -3.60 0.00	74.68 -4.29 -37.56	66.21 -3.70 -34.93
ELBRIDGE_115KV_TB2 80188	51.99 -0.68 0.00	45.39 -0.69 -0.26	38.15 -0.60 -0.32	36.76 -0.61 0.00	35.11 -0.63 0.00	31.97 -0.56 0.00	39.92 -0.57 0.00	49.69 -0.62 0.00	45.73 -0.46 0.00	40.55 -0.46 -1.58	38.41 -0.46 -0.03	33.78 -0.36 0.00	27.49 -0.33 0.00	31.40 -0.38 0.00	29.07 -0.34 0.00	41.41 -0.56 0.00	44.57 -0.80 0.00	50.94 -0.82 0.00	65.92 -0.84 0.00	114.15 -1.52 0.00	42.03 -0.52 0.00	44.64 -0.59 0.00	40.76 -0.65 0.00	34.43 -0.55 0.00
ELEC_TRO_TEK 24086	53.70 1.03 0.00	47.13 1.31 0.00	39.45 1.02 0.00	38.29 0.92 0.00	36.70 0.96 0.00	33.62 1.09 0.00	41.49 1.00 0.00	51.45 1.13 0.00	47.24 1.06 0.00	40.57 1.14 0.00	40.05 1.22 0.00	35.33 1.02 -0.17	29.24 0.91 -0.50	33.86 1.09 -1.00	30.61 1.20 0.00	44.01 1.52 -0.53	47.91 1.87 -0.67	54.03 2.28 0.00	69.88 3.12 0.00	120.64 4.96 0.00	44.34 1.79 0.00	47.28 2.06 0.00	43.35 1.95 0.00	36.48 1.51 0.00
ELLENBURG_WT_PWR 323604	53.20 0.53 0.00	46.04 0.51 0.28	38.58 0.49 0.35	37.76 0.38 0.00	35.86 0.12 0.00	32.59 0.06 0.00	40.37 -0.12 0.00	49.95 -0.37 0.00	45.80 -0.39 0.00	37.63 -0.08 1.72	38.95 0.16 0.03	34.34 0.19 0.00	28.26 0.44 0.00	32.33 0.57 0.00	29.76 0.36 0.00	42.49 0.52 0.00	45.81 0.44 0.00	51.74 -0.01 0.00	66.17 -0.59 0.00	115.51 -0.16 0.00	41.86 -0.69 0.00	44.59 -0.63 0.00	41.08 -0.33 0.00	34.42 -0.56 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.99 -1.68 0.00	43.63 -2.19 0.00	36.56 -1.88 0.00	35.37 -2.00 0.00	33.39 -2.35 0.00	29.62 -2.91 0.00	37.33 -3.15 0.00	38.48 -3.59 8.25	44.21 -1.98 0.00	36.80 -2.63 0.00	36.31 -2.52 0.00	32.54 -1.60 0.00	26.43 -1.39 0.00	30.24 -1.53 0.00	24.77 -1.87 2.77	28.23 -2.53 11.21	27.60 -3.84 13.93	28.09 -5.12 18.54	38.10 -6.80 21.86	75.24 -9.80 30.64	34.91 -3.45 4.20	41.41 -3.82 0.00	23.58 -3.86 13.98	19.19 -2.79 13.00
EMPIRE_CC_1 323656	52.64 -0.03 0.00	45.83 0.01 0.00	38.51 0.08 0.00	37.57 0.20 0.00	36.13 0.38 0.00	32.89 0.36 0.00	40.81 0.32 0.00	50.45 0.13 0.00	46.23 0.04 0.00	39.39 -0.04 0.00	38.74 -0.09 0.00	33.76 -0.28 0.10	27.30 -0.24 0.28	30.70 -0.51 0.55	29.06 -0.34 0.00	41.19 -0.49 0.29	45.03 0.03 0.37	52.12 0.36 0.00	67.31 0.55 0.00	116.10 0.42 0.00	42.73 0.17 0.00	45.61 0.39 0.00	41.83 0.42 0.00	35.48 0.50 0.00
EMPIRE_CC_2 323658	52.64 -0.03 0.00	45.83 0.01 0.00	38.51 0.08 0.00	37.57 0.20 0.00	36.13 0.38 0.00	32.89 0.36 0.00	40.81 0.32 0.00	50.45 0.13 0.00	46.23 0.04 0.00	39.39 -0.04 0.00	38.74 -0.09 0.00	33.76 -0.28 0.10	27.30 -0.24 0.28	30.70 -0.51 0.55	29.06 -0.34 0.00	41.19 -0.49 0.29	45.03 0.03 0.37	52.12 0.36 0.00	67.31 0.55 0.00	116.10 0.42 0.00	42.73 0.17 0.00	45.61 0.39 0.00	41.83 0.42 0.00	35.48 0.50 0.00
ENORWICH_115KV_TB1 80156	55.08 2.41 0.00	47.73 1.91 0.00	39.91 1.48 0.00	38.47 1.10 0.00	36.62 0.88 0.00	33.06 0.53 0.00	41.16 0.67 0.00	52.58 1.20 -1.07	46.90 0.72 0.00	40.08 0.65 0.00	39.17 0.33 0.00	34.38 0.24 0.00	27.35 -0.48 0.00	31.27 -0.50 0.00	29.39 -0.36 -0.35	43.26 -0.10 -1.38	46.71 -0.38 -1.72	53.66 -0.38 -2.29	69.85 0.39 -2.70	120.45 0.99 -3.78	44.29 1.22 -0.52	46.70 1.47 0.00	44.23 1.09 -1.72	36.81 0.23 -1.60
ERIE_ST__34_KV_TB1-2 80199	52.23 -0.44 0.00	44.70 -1.12 0.00	37.48 -0.95 0.00	36.29 -1.08 0.00	34.24 -1.50 0.00	30.41 -2.12 0.00	38.41 -2.08 0.00	40.88 -2.24 7.19	45.39 -0.79 0.00	37.87 -1.57 0.00	37.37 -1.46 0.00	33.43 -0.71 0.00	27.18 -0.64 0.00	31.16 -0.61 0.00	26.10 -1.03 2.27	31.37 -1.39 9.20	31.25 -2.68 11.44	32.83 -3.70 15.23	43.69 -5.11 17.96	83.58 -6.93 25.16	36.71 -2.40 3.45	42.54 -2.68 0.00	27.07 -2.86 11.48	22.32 -1.97 10.68
ERIE_WT_PWR 323693	10.90 -1.35 40.43	23.26 -1.83 20.73	15.10 -1.57 21.77	21.06 -1.70 14.61	19.74 -2.05 13.95	29.88 -2.65 0.00	14.39 -2.90 23.20	23.33 -3.18 23.80	16.06 -1.76 28.36	37.13 -2.31 0.00	36.65 -2.18 0.00	32.86 -1.28 0.00	26.69 -1.13 0.00	30.55 -1.22 0.00	25.25 -1.62 2.54	29.48 -2.22 10.27	29.15 -3.45 12.77	26.05 -4.61 21.09	40.53 -6.19 20.04	68.79 -8.92 37.98	26.46 -3.12 12.97	31.25 -3.58 10.40	22.04 -3.51 15.86	20.52 -2.53 11.92
ESPRGFLD_115KV_TB1 80157	53.95 1.29 0.00	46.78 0.96 0.00	39.11 0.67 0.00	37.92 0.55 0.00	36.17 0.43 0.00	32.91 0.38 0.00	41.05 0.56 0.00	51.22 0.91 0.00	46.99 0.81 0.00	40.19 0.76 0.00	39.55 0.72 0.00	34.92 0.78 0.00	28.41 0.58 0.00	32.51 0.74 0.00	30.06 0.66 0.00	42.97 1.00 0.00	46.23 0.86 0.00	52.52 0.77 0.00	67.86 1.10 0.00	117.86 2.18 0.00	43.46 0.90 0.00	46.13 0.91 0.00	42.12 0.71 0.00	35.56 0.58 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	52.98 0.31 0.00	45.92 0.11 0.00	38.47 0.03 0.00	37.35 -0.02 0.00	35.64 -0.10 0.00	32.41 -0.12 0.00	40.48 -0.01 0.00	52.46 0.15 -2.00	46.38 0.19 0.00	39.53 0.10 0.00	38.95 0.12 0.00	34.20 0.06 0.00	27.66 -0.17 0.00	31.66 -0.11 0.00	30.03 0.00 -0.63	44.49 0.00 -2.52	48.08 -0.41 -3.12	55.57 -0.34 -4.15	71.67 0.01 -4.89	122.81 0.27 -6.86	43.70 0.21 -0.94	45.40 0.17 0.00	44.52 -0.02 -3.13	37.80 -0.09 -2.91
ETNA_____115KV_TB2 80207	52.98 0.31 0.00	45.92 0.11 0.00	38.47 0.03 0.00	37.35 -0.02 0.00	35.64 -0.10 0.00	32.41 -0.12 0.00	40.48 -0.01 0.00	52.46 0.15 -2.00	46.38 0.19 0.00	39.53 0.10 0.00	38.95 0.12 0.00	34.20 0.06 0.00	27.66 -0.17 0.00	31.66 -0.11 0.00	30.03 0.00 -0.63	44.49 0.00 -2.52	48.08 -0.41 -3.12	55.57 -0.34 -4.15	71.67 0.01 -4.89	122.81 0.27 -6.86	43.70 0.21 -0.94	45.40 0.17 0.00	44.52 -0.02 -3.13	37.80 -0.09 -2.91
EUCLID___115KV_TB2 356179	51.88 -0.79 0.00	45.30 -0.81 -0.29	38.09 -0.70 -0.35	36.70 -0.67 0.00	35.08 -0.67 0.00	31.93 -0.61 0.00	39.84 -0.65 0.00	49.58 -0.73 0.00	45.63 -0.56 -1.76	40.66 -0.53 -0.03	38.34 -0.52 0.00	33.72 -0.42 0.00	27.46 -0.37 0.00	31.40 -0.37 0.00	29.04 -0.37 0.00	41.41 -0.56 0.00	44.61 -0.76 0.00	50.92 -0.83 0.00	65.80 -0.96 0.00	114.11 -1.57 0.00	41.99 -0.57 0.00	44.57 -0.66 0.00	40.70 -0.71 0.00	34.38 -0.60 0.00
E_CANADA_CAP_HY 24051	54.38 1.71 0.00	47.13 1.31 0.00	39.37 0.94 0.00	38.17 0.80 0.00	36.42 0.68 0.00	33.15 0.61 0.00	41.36 0.87 0.00	51.62 1.30 0.00	47.25 1.06 0.00	40.39 0.96 0.00	39.57 0.74 0.00	34.97 0.83 0.00	28.35 0.52 0.00	32.26 0.49 0.00	29.91 0.51 0.00	42.99 1.02 0.00	46.54 1.17 0.00	52.87 1.11 0.00	68.31 1.55 0.00	118.83 3.15 0.00	43.76 1.21 0.00	46.46 1.24 0.00	42.47 1.06 0.00	35.88 0.91 0.00
E_CANADA_MHWK_HY 24050	52.47 -0.20 0.00	45.84 -0.33 -0.36	38.26 -0.61 -0.44	36.82 -0.55 0.00	35.42 -0.32 0.00	32.36 -0.17 0.00	40.42 -0.06 0.00	50.14 -0.17 0.00	45.64 -0.54 0.00	41.13 -0.47 -2.17	38.16 -0.71 -0.04	33.24 -0.90 0.00	26.62 -1.21 0.00	30.04 -1.73 0.00	28.13 -1.28 0.00	41.01 -0.96 0.00	45.07 -0.30 0.00	51.91 0.15 0.00	67.29 0.53 0.00	116.04 0.36 0.00	42.72 0.16 0.00	45.61 0.39 0.00	41.82 0.41 0.00	35.27 0.29 0.00
E_FISHKILL___LBMP 23776	53.25 0.58 0.00	46.62 0.80 0.00	39.03 0.59 0.00	37.91 0.53 0.00	36.38 0.64 0.00	33.26 0.73 0.00	41.25 0.77 0.00	51.20 0.88 0.00	47.00 0.81 0.00	40.24 0.81 0.00	39.64 0.81 0.00	34.95 0.63 -0.18	28.92 0.57 -0.52	33.47 0.67 -1.03	30.15 0.75 0.00	43.32 0.80 -0.55	47.24 1.18 -0.69	53.37 1.61 0.00	69.10 2.35 0.00	119.18 3.50 0.00	43.75 1.20 0.00	46.46 1.23 0.00	42.60 1.19 0.00	35.92 0.94 0.00
FALCON___SEABRD_CC1 323796	53.75 1.08 0.00	46.84 1.03 0.00	39.33 0.90 0.00	38.12 0.75 0.00	36.16 0.42 0.00	32.83 0.30 0.00	40.67 0.18 0.00	50.12 -0.19 0.00	46.08 -0.10 0.00	39.62 0.19 0.00	39.22 0.39 0.00	34.45 0.31 0.00	28.35 0.53 0.00	32.52 0.75 0.00	29.93 0.52 0.00	42.71 0.74 0.00	46.14 0.77 0.00	52.13 0.38 0.00	66.30 -0.46 0.00	115.67 -0.01 0.00	42.14 -0.42 0.00	45.09 -0.13 0.00	41.56 0.15 0.00	34.83 -0.14 0.00
FALCON___SEABRD_CC2 323797	53.75 1.08 0.00	46.84 1.03 0.00	39.33 0.90 0.00	38.12 0.75 0.00	36.16 0.42 0.00	32.83 0.30 0.00	40.67 0.18 0.00	50.12 -0.19 0.00	46.08 -0.10 0.00	39.62 0.19 0.00	39.22 0.39 0.00	34.45 0.31 0.00	28.35 0.53 0.00	32.52 0.75 0.00	29.93 0.52 0.00	42.71 0.74 0.00	46.14 0.77 0.00	52.13 0.38 0.00	66.30 -0.46 0.00	115.67 -0.01 0.00	42.14 -0.42 0.00	45.09 -0.13 0.00	41.56 0.15 0.00	34.83 -0.14 0.00

FAR ROCKAWAY___4 23548	54.33 1.66 0.00	47.66 1.83 0.00	39.88 1.45 0.00	38.71 1.33 0.00	37.10 1.36 0.00	33.98 1.45 0.00	41.97 1.49 0.00	52.04 1.72 0.00	47.81 1.63 0.00	41.01 1.57 0.00	40.44 1.61 0.00	35.68 1.36 -0.17	29.53 1.20 -0.50	34.23 1.46 -1.00	30.92 1.52 0.00	44.52 2.02 -0.53	48.40 2.36 -0.67	54.66 2.90 0.00	70.74 3.98 0.00	122.16 6.48 0.00	44.92 2.37 0.00	47.86 2.63 0.00	43.84 2.43 0.00	36.90 1.92 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	53.98 1.31 0.00	47.31 1.49 0.00	39.59 1.16 0.00	38.41 1.04 0.00	36.87 1.13 0.00	33.74 1.21 0.00	41.78 1.29 0.00	51.87 1.55 0.00	47.71 1.53 0.00	40.99 1.55 0.00	40.40 1.57 0.00	35.68 1.37 -0.17	29.54 1.21 -0.50	34.17 1.40 -1.00	30.85 1.45 0.00	44.21 1.71 -0.53	48.16 2.12 -0.67	54.31 2.55 0.00	70.34 3.59 0.00	121.32 5.64 0.00	44.51 1.96 0.00	47.22 2.00 0.00	43.31 1.90 0.00	36.48 1.50 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	53.99 1.32 0.00	47.32 1.51 0.00	39.60 1.17 0.00	38.42 1.05 0.00	36.87 1.13 0.00	33.75 1.22 0.00	41.80 1.31 0.00	51.90 1.58 0.00	47.73 1.54 0.00	40.99 1.56 0.00	40.40 1.57 0.00	35.68 1.37 -0.17	29.55 1.22 -0.50	34.17 1.40 -1.00	30.85 1.45 0.00	44.21 1.72 -0.53	48.16 2.12 -0.67	54.32 2.56 0.00	70.36 3.60 0.00	121.32 5.64 0.00	44.53 1.98 0.00	47.24 2.02 0.00	43.32 1.91 0.00	36.49 1.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	53.94 1.27 0.00	47.28 1.46 0.00	39.58 1.14 0.00	38.39 1.02 0.00	36.85 1.11 0.00	33.72 1.19 0.00	41.77 1.28 0.00	51.85 1.54 0.00	47.70 1.51 0.00	40.96 1.52 0.00	40.38 1.56 0.00	35.67 1.35 -0.17	29.53 1.20 -0.50	34.15 1.38 -1.00	30.83 1.43 0.00	44.18 1.68 -0.53	48.13 2.09 -0.67	54.30 2.54 0.00	70.31 3.55 0.00	121.21 5.53 0.00	44.49 1.94 0.00	47.20 1.97 0.00	43.28 1.87 0.00	36.46 1.48 0.00
FARRAGUT___LBMP 323566	53.90 1.23 0.00	47.24 1.43 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.65 1.46 0.00	40.92 1.49 0.00	40.35 1.52 0.00	35.63 1.32 -0.17	29.51 1.18 -0.50	34.12 1.35 -1.00	30.81 1.40 0.00	44.14 1.65 -0.53	48.09 2.05 -0.67	54.25 2.49 0.00	70.25 3.50 0.00	121.11 5.43 0.00	44.45 1.90 0.00	47.17 1.94 0.00	43.25 1.85 0.00	36.44 1.46 0.00
FENNER___WINDPWR 24204	53.25 0.58 0.00	46.77 0.42 -0.53	39.40 0.32 -0.64	37.66 0.29 0.00	35.97 0.23 0.00	32.78 0.25 0.00	40.81 0.32 0.00	50.76 0.45 0.00	46.59 0.40 0.00	42.92 0.29 -3.20	39.19 0.30 -0.06	34.37 0.23 0.00	27.94 0.12 0.00	31.99 0.22 0.00	29.62 0.22 0.00	42.36 0.39 0.00	45.57 0.20 0.00	52.02 0.27 0.00	67.43 0.67 0.00	117.03 1.35 0.00	42.95 0.39 0.00	45.68 0.45 0.00	41.80 0.39 0.00	35.10 0.12 0.00
FIBERTEK___ENERGY 23856	52.24 -0.42 0.00	45.64 -0.47 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.32 -0.42 0.00	32.16 -0.37 0.00	40.15 -0.33 0.00	49.99 -0.32 0.00	45.97 -0.22 0.00	40.98 -0.24 -1.78	38.64 -0.23 -0.04	33.97 -0.17 0.00	27.65 -0.17 0.00	31.61 -0.16 0.00	29.24 -0.16 0.00	41.70 -0.27 0.00	44.90 -0.47 0.00	51.30 -0.45 0.00	66.38 -0.38 0.00	114.95 -0.73 0.00	42.29 -0.26 0.00	44.89 -0.33 0.00	40.99 -0.42 0.00	34.61 -0.37 0.00
FITZPATRICK___ 23598	51.23 -1.44 0.00	44.48 -1.34 0.00	37.31 -1.13 0.00	36.27 -1.10 0.00	34.67 -1.07 0.00	31.54 -1.00 0.00	39.30 -1.19 0.00	48.92 -1.40 0.00	44.99 -1.20 0.00	38.35 -1.08 0.00	37.78 -1.06 0.00	33.24 -0.90 0.00	27.09 -0.74 0.00	30.94 -0.83 0.00	28.63 -0.78 0.00	40.83 -1.14 0.00	44.01 -1.36 0.00	50.22 -1.53 0.00	64.87 -1.89 0.00	112.48 -3.20 0.00	41.38 -1.18 0.00	43.94 -1.29 0.00	40.19 -1.22 0.00	33.96 -1.01 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	53.83 1.16 0.00	47.09 1.27 0.00	39.42 0.99 0.00	38.28 0.90 0.00	36.74 1.00 0.00	33.60 1.07 0.00	41.73 1.24 0.00	51.84 1.52 0.00	47.57 1.38 0.00	40.68 1.25 0.00	40.04 1.20 0.00	35.23 0.93 -0.16	29.10 0.80 -0.47	33.69 0.98 -0.93	30.45 1.05 0.00	43.80 1.34 -0.49	47.75 1.76 -0.62	54.03 2.28 0.00	70.02 3.27 0.00	120.86 5.18 0.00	44.35 1.80 0.00	47.06 1.83 0.00	43.10 1.70 0.00	36.31 1.33 0.00
FORT ORANGE___ 23900	53.57 0.89 0.00	46.64 0.82 0.00	39.13 0.70 0.00	38.11 0.74 0.00	36.58 0.84 0.00	33.32 0.79 0.00	41.49 1.00 0.00	51.46 1.15 0.00	47.12 0.94 0.00	40.08 0.65 0.00	39.40 0.57 0.00	34.39 0.29 0.04	27.89 0.19 0.13	31.58 0.06 0.25	29.64 0.23 0.00	42.32 0.35 0.00	46.33 0.96 0.00	53.16 1.40 0.00	68.67 1.92 0.00	118.58 2.90 0.00	43.62 1.06 0.00	46.44 1.22 0.00	42.52 1.11 0.00	35.94 0.97 0.00
FORT_DRUM_COGEN 23780	52.76 0.09 0.00	49.91 0.11 -3.98	43.59 0.29 -4.87	37.72 0.35 0.00	36.02 0.28 0.00	32.94 0.41 0.00	40.38 -0.10 0.00	49.70 -0.61 0.00	45.18 -1.01 0.00	62.49 -1.08 -24.14	38.03 -1.28 -0.47	32.79 -1.34 0.00	26.77 -1.05 0.00	30.91 -0.86 0.00	28.59 -0.81 0.00	41.92 -0.05 0.00	43.97 -1.40 0.00	50.23 -1.53 0.00	65.09 -1.67 0.00	113.77 -1.91 0.00	41.64 -0.91 0.00	44.01 -1.22 0.00	40.50 -0.91 0.00	33.57 -1.40 0.00
FOX_HILLS___ESR 323835	53.97 1.30 0.00	47.37 1.55 0.00	39.81 1.37 0.00	38.62 1.25 0.00	37.06 1.32 0.00	33.91 1.38 -0.01	41.97 1.49 0.00	52.06 1.74 0.00	47.92 1.73 0.00	41.12 1.68 0.00	40.47 1.64 0.00	35.74 1.42 -0.17	29.58 1.26 -0.51	34.19 1.42 -1.00	30.91 1.49 -0.01	44.24 1.74 -0.53	48.21 2.17 -0.67	54.30 2.55 0.00	70.38 3.62 0.00	121.35 5.67 0.00	44.58 2.02 0.00	47.34 2.11 0.00	43.39 1.97 0.00	36.54 1.56 0.00
FPL_FAR_ROCK_GT1 24212	54.35 1.68 0.00	47.66 1.84 0.00	39.88 1.44 0.00	38.70 1.33 0.00	37.10 1.36 0.00	33.98 1.45 0.00	41.99 1.51 0.00	52.05 1.73 0.00	47.84 1.65 0.00	41.01 1.57 0.00	40.44 1.61 0.00	35.67 1.36 -0.17	29.52 1.20 -0.50	34.22 1.45 -1.00	30.92 1.51 0.00	44.51 2.01 -0.53	48.39 2.35 -0.67	54.65 2.90 0.00	70.73 3.97 0.00	122.12 6.44 0.00	44.92 2.37 0.00	47.88 2.66 0.00	43.83 2.42 0.00	36.88 1.91 0.00
FPL_FAR_ROCK_GT2 23815	54.35 1.68 0.00	47.66 1.84 0.00	39.88 1.44 0.00	38.70 1.33 0.00	37.10 1.36 0.00	33.98 1.45 0.00	41.99 1.51 0.00	52.05 1.73 0.00	47.84 1.65 0.00	41.01 1.57 0.00	40.44 1.61 0.00	35.67 1.36 -0.17	29.52 1.20 -0.50	34.22 1.45 -1.00	30.92 1.51 0.00	44.51 2.01 -0.53	48.39 2.35 -0.67	54.65 2.90 0.00	70.73 3.97 0.00	122.12 6.44 0.00	44.92 2.37 0.00	47.88 2.66 0.00	43.83 2.42 0.00	36.88 1.91 0.00
FRANKLIN_FALL_HYD 24054	53.70 1.03 0.00	51.49 1.04 -4.63	45.07 0.98 -5.66	38.23 0.86 0.00	36.30 0.56 0.00	33.02 0.49 0.00	40.92 0.43 0.00	50.73 0.41 0.00	46.53 0.34 0.00	68.18 0.66 -28.08	40.13 0.75 -0.55	34.81 0.67 0.00	28.66 0.84 0.00	32.80 1.03 0.00	30.19 0.78 0.00	43.14 1.17 0.00	46.32 0.95 0.00	52.23 0.47 0.00	66.81 0.05 0.00	116.82 1.14 0.00	42.38 -0.18 0.00	45.01 -0.21 0.00	41.49 0.08 0.00	34.72 -0.25 0.00

FREEPORT_EQUS_GT1 23764	53.97 1.30 0.00	47.35 1.53 0.00	39.62 1.19 0.00	38.47 1.09 0.00	36.85 1.11 0.00	33.77 1.24 0.00	41.65 1.16 0.00	51.60 1.28 0.00	47.40 1.21 0.00	40.66 1.23 0.00	40.18 1.34 0.00	35.41 1.10 -0.17	29.32 1.00 -0.50	33.96 1.19 -1.00	30.71 1.31 0.00	44.23 1.73 -0.53	48.10 2.07 -0.67	54.34 2.58 0.00	70.22 3.46 0.00	121.34 5.66 0.00	44.65 2.10 0.00	47.65 2.42 0.00	43.67 2.26 0.00	36.74 1.76 0.00
FREEPORT___CT2 23818	53.97 1.30 0.00	47.35 1.53 0.00	39.62 1.19 0.00	38.47 1.09 0.00	36.85 1.11 0.00	33.77 1.24 0.00	41.65 1.16 0.00	51.60 1.28 0.00	47.40 1.21 0.00	40.66 1.23 0.00	40.18 1.34 0.00	35.41 1.10 -0.17	29.32 1.00 -0.50	33.96 1.19 -1.00	30.71 1.31 0.00	44.23 1.73 -0.53	48.10 2.07 -0.67	54.34 2.58 0.00	70.22 3.46 0.00	121.34 5.66 0.00	44.65 2.10 0.00	47.65 2.42 0.00	43.67 2.26 0.00	36.74 1.76 0.00
FRESHKLS_33_KV_LOAD 356253	53.90 1.23 0.00	47.39 1.57 0.00	39.92 1.49 0.00	38.75 1.37 0.00	37.19 1.44 0.00	34.03 1.49 -0.01	42.07 1.58 0.00	52.18 1.86 0.00	47.98 1.80 0.00	41.18 1.75 0.00	40.50 1.67 0.00	35.75 1.43 -0.17	29.58 1.26 -0.51	34.22 1.45 -1.00	30.94 1.53 -0.01	44.27 1.77 -0.53	48.27 2.23 -0.67	54.38 2.62 0.00	70.51 3.75 0.00	121.51 5.84 0.00	44.65 2.09 0.00	47.38 2.15 0.00	43.44 2.03 0.00	36.57 1.59 0.00
FULTON COGEN___ 23766	50.93 -1.74 0.00	44.88 -1.61 -0.66	37.89 -1.36 -0.81	36.07 -1.31 0.00	34.50 -1.24 0.00	31.41 -1.12 0.00	39.19 -1.30 0.00	48.79 -1.52 0.00	44.87 -1.31 0.00	42.27 -1.19 -4.03	37.74 -1.17 -0.08	33.11 -1.03 0.00	26.97 -0.86 0.00	30.83 -0.94 0.00	28.52 -0.88 0.00	40.73 -1.24 0.00	43.88 -1.49 0.00	50.17 -1.59 0.00	64.82 -1.94 0.00	112.34 -3.34 0.00	41.32 -1.23 0.00	43.83 -1.40 0.00	40.03 -1.38 0.00	33.77 -1.20 0.00
FULTON___LFGE 323630	54.63 1.96 0.00	47.41 1.59 0.00	39.65 1.22 0.00	38.49 1.12 0.00	36.81 1.07 0.00	33.58 1.05 0.00	41.94 1.46 0.00	52.28 1.96 0.00	47.66 1.47 0.00	40.73 1.30 0.00	39.72 0.88 0.00	34.97 0.83 0.00	28.18 0.36 0.00	31.75 -0.02 0.00	29.52 0.11 0.00	42.97 1.00 0.00	47.01 1.64 0.00	53.60 1.84 0.00	69.39 2.63 0.00	120.46 4.78 0.00	44.31 1.76 0.00	47.02 1.80 0.00	42.94 1.53 0.00	36.25 1.27 0.00
G.F.CEMENT___DRP 24184	54.43 1.76 0.00	47.42 1.60 0.00	39.76 1.32 0.00	38.80 1.42 0.00	37.33 1.59 0.00	34.15 1.62 0.00	42.64 2.15 0.00	52.92 2.60 0.00	48.27 2.08 0.00	40.91 1.48 0.00	40.12 1.28 0.00	35.19 1.08 0.04	28.23 0.52 0.11	31.91 0.37 0.23	29.89 0.48 0.00	43.11 1.15 0.00	47.60 2.23 0.00	54.75 2.99 0.00	70.57 3.81 0.00	121.75 6.07 0.00	44.62 2.06 0.00	47.45 2.22 0.00	43.39 1.99 0.00	36.69 1.71 0.00
GARDENVILLE___LBMP 24039	51.19 -1.47 0.00	43.79 -2.03 0.00	36.69 -1.75 0.00	35.49 -1.89 0.00	33.48 -2.26 0.00	29.70 -2.84 0.00	37.43 -3.06 0.00	37.86 -3.48 8.97	44.30 -1.89 0.00	36.90 -2.53 0.00	36.43 -2.41 0.00	32.65 -1.48 0.00	26.53 -1.30 0.00	30.33 -1.44 0.00	24.56 -1.82 3.03	27.21 -2.50 12.26	26.37 -3.75 15.24	26.50 -4.97 20.29	36.23 -6.61 23.92	72.66 -9.50 33.52	34.65 -3.31 4.60	41.54 -3.68 0.00	22.33 -3.78 15.29	18.02 -2.73 14.23
GARDNVLA_35_KV_LD 355827	51.63 -1.04 0.00	44.11 -1.71 0.00	36.95 -1.48 0.00	35.75 -1.62 0.00	33.74 -2.00 0.00	29.94 -2.59 0.00	37.82 -2.67 0.00	39.77 -2.95 7.59	44.81 -1.37 0.00	37.33 -2.11 0.00	36.84 -1.99 0.00	33.02 -1.12 0.00	26.84 -0.99 0.00	30.71 -1.06 0.00	25.47 -1.48 2.45	30.05 -2.01 9.91	29.77 -3.29 12.31	30.90 -4.47 16.39	41.45 -5.99 19.33	80.21 -8.38 27.08	35.95 -2.89 3.71	41.99 -3.23 0.00	25.63 -3.42 12.36	21.03 -2.45 11.50
GELCKHM___115KV_LOAD 80723	52.01 -0.66 0.00	45.43 -0.67 -0.28	38.19 -0.59 -0.35	36.80 -0.57 0.00	35.17 -0.57 0.00	32.02 -0.51 0.00	39.96 -0.53 0.00	49.74 -0.57 0.00	45.74 -0.44 0.00	40.73 -0.42 -1.72	38.46 -0.40 -0.03	33.82 -0.32 0.00	27.53 -0.29 0.00	31.48 -0.29 0.00	29.12 -0.29 0.00	41.53 -0.44 0.00	44.72 -0.65 0.00	51.07 -0.68 0.00	66.04 -0.72 0.00	114.44 -1.24 0.00	42.12 -0.44 0.00	44.69 -0.53 0.00	40.81 -0.60 0.00	34.47 -0.51 0.00
GENERAL___MILLS 23808	51.45 -1.22 0.00	44.00 -1.82 0.00	36.87 -1.57 0.00	35.67 -1.70 0.00	33.66 -2.08 0.00	29.86 -2.67 0.00	37.67 -2.81 0.00	39.34 -3.17 7.81	44.60 -1.59 0.00	37.13 -2.30 0.00	36.65 -2.18 0.00	32.85 -1.29 0.00	26.68 -1.14 0.00	30.54 -1.23 0.00	25.24 -1.63 2.54	29.47 -2.23 10.27	29.09 -3.51 12.77	30.06 -4.70 16.99	40.41 -6.31 20.04	78.64 -8.96 28.08	35.60 -3.10 3.85	41.77 -3.45 0.00	25.02 -3.58 12.81	20.49 -2.57 11.92
GE_PLASTICS___DRP 24183	53.22 0.55 0.00	46.36 0.54 0.00	38.90 0.46 0.00	37.87 0.49 0.00	36.32 0.57 0.00	33.09 0.55 0.00	41.16 0.67 0.00	51.04 0.72 0.00	46.78 0.59 0.00	39.88 0.45 0.00	39.23 0.39 0.00	34.32 0.21 0.04	27.85 0.14 0.11	31.61 0.06 0.22	29.57 0.17 0.00	42.21 0.24 0.00	46.02 0.65 0.00	52.73 0.97 0.00	68.09 1.34 0.00	117.59 1.91 0.00	43.27 0.72 0.00	46.07 0.85 0.00	42.20 0.79 0.00	35.68 0.70 0.00
GILBOA___1 23756	52.88 0.21 0.00	46.05 0.23 0.00	38.60 0.17 0.00	37.54 0.17 0.00	35.96 0.22 0.00	32.76 0.23 0.00	40.75 0.27 0.00	50.59 0.28 0.00	46.33 0.14 0.00	39.63 0.20 0.00	39.02 0.19 0.00	34.25 0.11 0.00	27.90 0.07 0.00	31.97 0.20 0.00	29.50 0.09 0.00	42.08 0.11 0.00	45.54 0.17 0.00	52.06 0.30 0.00	67.19 0.43 0.00	115.82 0.15 0.00	42.87 0.32 0.00	45.64 0.42 0.00	41.79 0.38 0.00	35.30 0.32 0.00
GILBOA___2 23757	52.88 0.21 0.00	46.05 0.23 0.00	38.60 0.17 0.00	37.54 0.17 0.00	35.96 0.22 0.00	32.76 0.23 0.00	40.75 0.27 0.00	50.59 0.28 0.00	46.33 0.14 0.00	39.63 0.20 0.00	39.02 0.19 0.00	34.25 0.11 0.00	27.90 0.07 0.00	31.97 0.20 0.00	29.50 0.09 0.00	42.08 0.11 0.00	45.54 0.17 0.00	52.06 0.30 0.00	67.19 0.43 0.00	115.82 0.15 0.00	42.87 0.32 0.00	45.64 0.42 0.00	41.79 0.38 0.00	35.30 0.32 0.00
GILBOA___3 23758	52.88 0.21 0.00	46.05 0.23 0.00	38.60 0.17 0.00	37.54 0.17 0.00	35.96 0.22 0.00	32.76 0.23 0.00	40.75 0.27 0.00	50.59 0.28 0.00	46.33 0.14 0.00	39.63 0.20 0.00	39.02 0.19 0.00	34.25 0.11 0.00	27.90 0.07 0.00	31.97 0.20 0.00	29.50 0.09 0.00	42.08 0.11 0.00	45.54 0.17 0.00	52.06 0.30 0.00	67.19 0.43 0.00	115.82 0.15 0.00	42.87 0.32 0.00	45.64 0.42 0.00	41.79 0.38 0.00	35.30 0.32 0.00
GILBOA___4 23759	52.88 0.21 0.00	46.05 0.23 0.00	38.60 0.17 0.00	37.54 0.17 0.00	35.96 0.22 0.00	32.76 0.23 0.00	40.75 0.27 0.00	50.59 0.28 0.00	46.33 0.14 0.00	39.63 0.20 0.00	39.02 0.19 0.00	34.25 0.11 0.00	27.90 0.07 0.00	31.97 0.20 0.00	29.50 0.09 0.00	42.08 0.11 0.00	45.54 0.17 0.00	52.06 0.30 0.00	67.19 0.43 0.00	115.82 0.15 0.00	42.87 0.32 0.00	45.64 0.42 0.00	41.79 0.38 0.00	35.30 0.32 0.00

GILBOA____ 23599	52.88 0.21 0.00	46.05 0.23 0.00	38.60 0.17 0.00	37.55 0.17 0.00	35.96 0.22 0.00	32.76 0.23 0.00	40.75 0.26 0.00	50.59 0.28 0.00	46.32 0.13 0.00	39.63 0.19 0.00	39.02 0.18 0.00	34.25 0.11 0.00	27.90 0.07 0.00	31.97 0.20 0.00	29.50 0.09 0.00	42.08 0.11 0.00	45.54 0.17 0.00	52.07 0.31 0.00	67.21 0.45 0.00	115.83 0.15 0.00	42.88 0.32 0.00	45.65 0.42 0.00	41.80 0.39 0.00	35.30 0.33 0.00
GINNA____ 23603	37.54 -3.32 11.82	36.62 -3.14 6.06	29.42 -2.65 6.36	30.49 -2.61 4.27	29.07 -2.60 4.08	29.97 -2.56 0.00	30.84 -2.87 6.78	42.39 -3.25 4.67	35.38 -2.52 8.29	36.98 -2.45 0.00	36.42 -2.41 0.00	32.25 -1.89 0.00	26.24 -1.58 0.00	30.04 -1.73 0.00	27.68 -1.73 0.00	39.46 -2.52 -0.01	42.21 -3.16 0.00	46.68 -3.83 1.25	61.93 -4.83 0.00	105.06 -7.60 3.02	36.93 -2.84 2.78	38.90 -3.16 3.17	37.42 -3.06 0.93	32.46 -2.52 0.00
GLEN PARK____ 23778	52.73 0.06 0.00	49.71 0.07 -3.83	43.36 0.25 -4.68	37.69 0.32 0.00	36.00 0.26 0.00	32.96 0.42 0.00	40.44 -0.05 0.00	49.79 -0.53 0.00	45.27 -0.92 0.00	61.63 -1.03 -23.23	38.07 -1.21 -0.45	32.83 -1.31 0.00	26.80 -1.02 0.00	30.96 -0.81 0.00	28.60 -0.80 0.00	41.99 0.01 0.00	44.06 -1.31 0.00	50.37 -1.39 0.00	65.29 -1.47 0.00	114.11 -1.56 0.00	41.75 -0.80 0.00	44.11 -1.11 0.00	40.58 -0.83 0.00	33.62 -1.36 0.00
GLENDALE_27_KV_LOAD 356172	54.26 1.59 0.00	47.54 1.72 0.00	39.83 1.39 0.00	38.64 1.26 0.00	37.09 1.34 0.00	33.95 1.42 -0.01	42.03 1.54 0.00	52.16 1.84 0.00	48.04 1.86 0.00	41.26 1.83 0.00	40.65 1.82 0.00	35.91 1.59 -0.17	29.74 1.41 -0.51	34.38 1.61 -1.00	31.07 1.66 -0.01	44.49 1.99 -0.53	48.45 2.41 -0.67	54.59 2.84 0.00	70.67 3.91 0.00	121.89 6.21 0.00	44.75 2.20 0.00	47.49 2.27 0.00	43.56 2.15 0.00	36.67 1.70 0.00
GLENWOOD_IC_1_G5 23712	53.93 1.26 0.00	47.27 1.45 0.00	39.57 1.13 0.00	38.41 1.04 0.00	36.83 1.09 0.00	33.72 1.19 0.00	41.70 1.21 0.00	51.70 1.39 0.00	47.25 1.06 0.00	40.57 1.13 0.00	40.23 1.40 0.00	35.50 1.19 -0.17	29.39 1.06 -0.50	34.04 1.26 -1.00	30.74 1.34 0.00	44.17 1.67 -0.53	48.08 2.04 -0.67	54.25 2.49 0.00	69.81 3.05 0.00	120.53 4.84 0.00	44.30 1.74 0.00	47.37 2.14 0.00	43.43 2.02 0.00	36.56 1.58 0.00
GLENWOOD_IC_2_G1 23688	53.79 1.12 0.00	47.13 1.31 0.00	39.45 1.02 0.00	38.29 0.91 0.00	36.72 0.98 0.00	33.61 1.08 0.00	41.62 1.13 0.00	51.60 1.28 0.00	47.40 1.22 0.00	40.67 1.23 0.00	40.13 1.30 0.00	35.41 1.10 -0.17	29.30 0.98 -0.50	33.92 1.15 -1.00	30.63 1.23 0.00	43.98 1.49 -0.53	47.90 1.86 -0.67	54.05 2.30 0.00	69.92 3.16 0.00	120.64 4.96 0.00	44.32 1.77 0.00	47.17 1.95 0.00	43.23 1.82 0.00	36.41 1.43 0.00
GLENWOOD_IC_3_G1 23689	53.79 1.12 0.00	47.13 1.31 0.00	39.45 1.02 0.00	38.29 0.91 0.00	36.72 0.98 0.00	33.61 1.08 0.00	41.62 1.13 0.00	51.60 1.28 0.00	47.40 1.22 0.00	40.67 1.23 0.00	40.13 1.30 0.00	35.41 1.10 -0.17	29.30 0.98 -0.50	33.92 1.15 -1.00	30.63 1.23 0.00	43.98 1.49 -0.53	47.90 1.86 -0.67	54.05 2.30 0.00	69.92 3.16 0.00	120.64 4.96 0.00	44.32 1.77 0.00	47.17 1.95 0.00	43.23 1.82 0.00	36.41 1.43 0.00
GLENWOOD___4 23550	53.93 1.26 0.00	47.27 1.45 0.00	39.57 1.13 0.00	38.41 1.04 0.00	36.83 1.09 0.00	33.72 1.19 0.00	41.70 1.21 0.00	51.71 1.40 0.00	47.34 1.16 0.00	40.64 1.21 0.00	40.23 1.40 0.00	35.50 1.19 -0.17	29.39 1.06 -0.50	34.04 1.26 -1.00	30.74 1.34 0.00	44.17 1.67 -0.53	48.08 2.04 -0.67	54.26 2.50 0.00	69.96 3.20 0.00	120.76 5.08 0.00	44.38 1.82 0.00	47.37 2.14 0.00	43.43 2.02 0.00	36.56 1.58 0.00
GLENWOOD___5 23614	53.93 1.26 0.00	47.27 1.45 0.00	39.57 1.13 0.00	38.41 1.04 0.00	36.83 1.09 0.00	33.72 1.19 0.00	41.70 1.21 0.00	51.71 1.40 0.00	47.34 1.16 0.00	40.64 1.21 0.00	40.23 1.40 0.00	35.50 1.19 -0.17	29.39 1.06 -0.50	34.04 1.26 -1.00	30.74 1.34 0.00	44.17 1.67 -0.53	48.08 2.04 -0.67	54.26 2.50 0.00	69.96 3.20 0.00	120.76 5.08 0.00	44.38 1.82 0.00	47.37 2.14 0.00	43.43 2.02 0.00	36.56 1.58 0.00
GLOBAL GREEN_PORT_GT1 23814	54.06 1.39 0.00	48.11 2.29 0.00	40.33 1.90 0.00	39.27 1.90 0.00	37.46 1.71 0.00	34.33 1.79 0.00	42.48 2.00 0.00	52.44 2.12 0.00	48.11 1.92 0.00	41.14 1.70 0.00	40.75 1.92 0.00	35.71 1.40 -0.17	29.62 1.29 -0.50	34.25 1.48 -1.00	31.04 1.64 0.00	44.75 2.25 -0.53	48.87 2.83 -0.67	55.00 3.24 0.00	71.35 4.59 0.00	123.97 8.29 0.00	45.55 2.99 0.00	49.19 3.96 0.00	44.98 3.57 0.00	37.74 2.76 0.00
GLOBE___DSASP 323697	49.81 -2.86 0.00	42.61 -3.21 0.00	35.77 -2.66 0.00	34.61 -2.76 0.00	32.72 -3.02 0.00	28.94 -3.59 0.00	36.42 -4.07 0.00	39.24 -4.83 6.25	43.15 -3.03 0.00	35.75 -3.68 0.00	35.20 -3.64 0.00	31.51 -2.63 0.00	25.58 -2.24 0.00	29.30 -2.47 0.00	24.75 -2.56 2.10	30.22 -3.26 8.49	30.06 -4.76 10.56	31.41 -6.30 14.05	41.87 -8.32 16.56	80.18 -12.28 23.21	34.71 -4.66 3.18	40.12 -5.11 0.00	26.12 -4.69 10.59	21.71 -3.42 9.85
GOETHSLN___LBMP 323567	53.74 1.07 0.00	47.09 1.28 0.00	39.40 0.96 0.00	38.22 0.85 0.00	36.68 0.94 0.00	33.57 1.04 0.00	41.57 1.08 0.00	51.60 1.29 0.00	47.45 1.27 0.00	40.79 1.36 0.00	40.19 1.36 0.00	35.50 1.19 -0.17	29.41 1.08 -0.50	34.02 1.24 -1.00	30.71 1.30 0.00	43.96 1.47 -0.52	47.92 1.88 -0.67	54.04 2.28 0.00	70.02 3.26 0.00	120.69 5.01 0.00	44.31 1.76 0.00	46.99 1.76 0.00	43.08 1.68 0.00	36.30 1.32 0.00
GOLAH___69_KV_TB 1_2 80279	51.85 -0.82 0.00	44.68 -1.14 0.00	37.48 -0.95 0.00	36.37 -1.00 0.00	34.60 -1.15 0.00	31.15 -1.38 0.00	39.21 -1.28 0.00	49.07 -1.24 0.00	45.84 -0.35 0.00	38.56 -0.88 0.00	37.96 -0.87 0.00	33.75 -0.39 0.00	27.38 -0.45 0.00	31.40 -0.37 0.00	28.89 -0.51 0.00	41.19 -0.79 -0.01	43.75 -1.62 0.00	49.55 -2.21 0.00	63.98 -2.78 0.00	112.18 -3.50 0.00	41.26 -1.30 0.00	43.72 -1.51 0.00	39.77 -1.64 0.00	33.78 -1.20 0.00
GOODYEAR_LAKE_HYD 323669	53.48 0.81 0.00	46.45 0.63 0.00	38.90 0.46 0.00	37.77 0.40 0.00	36.10 0.36 0.00	32.88 0.35 0.00	40.98 0.49 0.00	51.03 0.72 0.00	46.80 0.62 0.00	40.03 0.60 0.00	39.44 0.61 0.00	34.70 0.56 0.00	28.22 0.39 0.00	32.33 0.56 0.00	29.89 0.48 0.00	42.71 0.74 0.00	46.00 0.63 0.00	52.44 0.68 0.00	67.80 1.04 0.00	117.35 1.67 0.00	43.28 0.73 0.00	45.97 0.75 0.00	41.96 0.56 0.00	35.40 0.42 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	52.39 -0.28 0.00	45.44 -0.38 0.00	38.06 -0.38 0.00	37.02 -0.35 0.00	35.29 -0.46 0.00	32.05 -0.48 0.00	39.94 -0.55 0.00	49.72 -0.59 0.00	45.73 -0.45 0.00	39.02 -0.41 0.00	38.49 -0.34 0.00	33.86 -0.28 0.00	27.54 -0.28 0.00	31.56 -0.21 0.00	29.14 -0.27 0.00	41.60 -0.36 0.01	44.64 -0.73 0.00	50.96 -0.80 0.00	65.97 -0.79 0.00	114.25 -1.43 0.00	42.13 -0.42 0.00	44.76 -0.46 0.00	40.81 -0.60 0.00	34.51 -0.47 0.00





GOWANUS_GT4_5 24134	54.06 1.39 0.00	47.42 1.60 0.00	39.77 1.33 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.89 1.35 -0.01	41.93 1.44 0.00	52.05 1.73 0.00	47.91 1.72 0.00	41.14 1.71 0.00	40.52 1.68 0.00	35.79 1.47 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.31 1.81 -0.53	48.29 2.25 -0.67	54.39 2.63 0.00	70.47 3.71 0.00	121.54 5.86 0.00	44.64 2.09 0.00	47.37 2.14 0.00	43.44 2.03 0.00	36.57 1.60 0.00
GOWANUS_GT4_6 24135	54.06 1.39 0.00	47.42 1.60 0.00	39.77 1.33 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.89 1.35 -0.01	41.93 1.44 0.00	52.05 1.73 0.00	47.91 1.72 0.00	41.14 1.71 0.00	40.52 1.68 0.00	35.79 1.47 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.31 1.81 -0.53	48.29 2.25 -0.67	54.39 2.63 0.00	70.47 3.71 0.00	121.54 5.86 0.00	44.64 2.09 0.00	47.37 2.14 0.00	43.44 2.03 0.00	36.57 1.60 0.00
GOWANUS_GT4_7 24136	54.06 1.39 0.00	47.42 1.60 0.00	39.77 1.33 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.89 1.35 -0.01	41.93 1.44 0.00	52.05 1.73 0.00	47.91 1.72 0.00	41.14 1.71 0.00	40.52 1.68 0.00	35.79 1.47 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.31 1.81 -0.53	48.29 2.25 -0.67	54.39 2.63 0.00	70.47 3.71 0.00	121.54 5.86 0.00	44.64 2.09 0.00	47.37 2.14 0.00	43.44 2.03 0.00	36.57 1.60 0.00
GOWANUS_GT4_8 24137	54.06 1.39 0.00	47.42 1.60 0.00	39.77 1.33 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.89 1.35 -0.01	41.93 1.44 0.00	52.05 1.73 0.00	47.91 1.72 0.00	41.14 1.71 0.00	40.52 1.68 0.00	35.79 1.47 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.31 1.81 -0.53	48.29 2.25 -0.67	54.39 2.63 0.00	70.47 3.71 0.00	121.54 5.86 0.00	44.64 2.09 0.00	47.37 2.14 0.00	43.44 2.03 0.00	36.57 1.60 0.00
GREATVRV_69_KV_BK1 356245	54.40 1.73 0.00	47.74 1.92 0.00	39.99 1.56 0.00	38.85 1.48 0.00	37.17 1.43 0.00	34.08 1.55 0.00	42.11 1.62 0.00	52.09 1.78 0.00	47.76 1.58 0.00	40.97 1.54 0.00	40.49 1.65 0.00	35.64 1.32 -0.17	29.50 1.17 -0.50	34.21 1.44 -1.00	31.01 1.61 0.00	44.75 2.25 -0.53	48.64 2.60 -0.67	54.90 3.14 0.00	70.99 4.23 0.00	122.77 7.09 0.00	45.17 2.61 0.00	48.43 3.20 0.00	44.34 2.93 0.00	37.24 2.26 0.00
GREENBSH_115KV_TB3 55895	53.34 0.67 0.00	46.45 0.63 0.00	38.98 0.54 0.00	37.97 0.60 0.00	36.44 0.70 0.00	33.19 0.66 0.00	41.29 0.80 0.00	51.18 0.87 0.00	46.90 0.71 0.00	39.97 0.54 0.00	39.31 0.48 0.00	34.34 0.25 0.05	27.84 0.15 0.14	31.52 0.03 0.28	29.57 0.17 0.00	42.11 0.29 0.14	45.97 0.78 0.18	52.92 1.16 0.00	68.33 1.57 0.00	117.96 2.29 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.34 0.94 0.00	35.81 0.83 0.00
GREENDGE_115KV_TB5 80291	52.25 -0.42 0.00	45.11 -0.71 0.00	37.74 -0.69 0.00	36.67 -0.70 0.00	34.76 -0.98 0.00	31.36 -1.17 0.00	39.32 -1.17 0.00	58.85 -1.18 -9.71	45.38 -0.80 0.00	38.51 -0.93 0.00	37.95 -0.89 0.00	33.57 -0.57 0.00	27.25 -0.57 0.00	31.17 -0.60 0.00	31.90 -0.74 -3.23	53.91 -1.10 -13.04	59.70 -1.80 -16.13	71.25 -1.97 -21.46	90.12 -1.94 -25.30	148.35 -2.79 -35.46	46.50 -0.92 -4.86	44.14 -1.08 0.00	56.19 -1.40 -16.18	48.84 -1.18 -15.05
GREENIDGE___3 23582	52.25 -0.42 0.00	45.11 -0.71 0.00	37.74 -0.69 0.00	36.67 -0.70 0.00	34.76 -0.98 0.00	31.36 -1.17 0.00	39.32 -1.17 0.00	58.85 -1.18 -9.71	45.38 -0.80 0.00	38.51 -0.93 0.00	37.95 -0.89 0.00	33.57 -0.57 0.00	27.25 -0.57 0.00	31.17 -0.60 0.00	31.90 -0.74 -3.23	53.91 -1.10 -13.04	59.70 -1.80 -16.13	71.25 -1.97 -21.46	90.12 -1.94 -25.30	148.35 -2.79 -35.46	46.50 -0.92 -4.86	44.14 -1.08 0.00	56.19 -1.40 -16.18	48.84 -1.18 -15.05
GREENIDGE___4 23583	62.92 -0.48 -10.73	50.61 -0.71 -5.50	43.52 -0.69 -5.78	40.54 -0.71 -3.88	38.47 -0.97 -3.70	31.36 -1.17 0.00	45.44 -1.20 -6.16	63.08 -1.20 -13.96	52.83 -0.88 -7.53	38.51 -0.92 0.00	37.95 -0.88 0.00	33.57 -0.57 0.00	27.25 -0.57 0.00	31.17 -0.60 0.00	31.90 -0.74 -3.23	53.91 -1.10 -13.04	59.70 -1.79 -16.13	72.19 -1.97 -22.40	90.13 -1.93 -25.30	150.62 -2.78 -37.73	48.58 -0.93 -6.96	46.49 -1.12 -2.39	56.89 -1.40 -16.88	48.85 -1.18 -15.05
GREENLWN_69_KV_BK 3 55738	53.72 1.05 0.00	47.15 1.33 0.00	39.51 1.08 0.00	38.36 0.99 0.00	36.74 1.00 0.00	33.66 1.13 0.00	41.50 1.01 0.00	51.33 1.01 0.00	47.10 0.91 0.00	40.50 1.07 0.00	40.06 1.23 0.00	35.31 0.99 -0.17	29.23 0.90 -0.50	33.85 1.08 -1.00	30.63 1.23 0.00	44.10 1.60 -0.53	48.02 1.98 -0.67	54.11 2.35 0.00	69.83 3.08 0.00	120.65 4.97 0.00	44.38 1.82 0.00	47.49 2.26 0.00	43.59 2.18 0.00	36.67 1.69 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.06 1.39 0.00	47.42 1.60 0.00	39.77 1.33 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.89 1.35 -0.01	41.93 1.44 0.00	52.05 1.73 0.00	47.91 1.72 0.00	41.14 1.71 0.00	40.52 1.68 0.00	35.79 1.47 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.31 1.81 -0.53	48.29 2.25 -0.67	54.39 2.63 0.00	70.47 3.71 0.00	121.54 5.86 0.00	44.64 2.09 0.00	47.37 2.14 0.00	43.44 2.03 0.00	36.57 1.60 0.00
GRISSOM___SOLAR 323813	54.58 1.91 0.00	47.40 1.58 0.00	39.66 1.23 0.00	38.53 1.16 0.00	36.86 1.13 0.00	33.63 1.10 0.00	41.99 1.51 0.00	52.30 1.98 0.00	47.63 1.45 0.00	40.71 1.28 0.00	39.66 0.82 0.00	34.88 0.74 0.00	28.09 0.27 0.00	31.56 -0.21 0.00	29.38 -0.03 0.00	42.88 0.91 0.00	47.01 1.64 0.00	53.67 1.91 0.00	69.47 2.72 0.00	120.53 4.85 0.00	44.32 1.77 0.00	47.05 1.82 0.00	42.98 1.57 0.00	36.28 1.31 0.00
GROVEVILLE___HYD 323602	53.83 1.16 0.00	47.09 1.27 0.00	39.42 0.99 0.00	38.28 0.90 0.00	36.74 1.00 0.00	33.60 1.07 0.00	41.73 1.24 0.00	51.84 1.52 0.00	47.57 1.38 0.00	40.68 1.25 0.00	40.04 1.20 0.00	35.23 0.93 -0.16	29.10 0.80 -0.47	33.69 0.98 -0.93	30.45 1.05 0.00	43.80 1.34 -0.49	47.75 1.76 -0.62	54.03 2.28 0.00	70.02 3.27 0.00	120.86 5.18 0.00	44.35 1.80 0.00	47.06 1.83 0.00	43.10 1.70 0.00	36.31 1.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	52.24 -0.42 0.00	45.64 -0.47 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.32 -0.42 0.00	32.16 -0.37 0.00	40.15 -0.33 0.00	49.99 -0.32 0.00	45.97 -0.22 0.00	40.98 -0.24 -1.78	38.64 -0.23 -0.04	33.97 -0.17 0.00	27.65 -0.17 0.00	31.61 -0.16 0.00	29.24 -0.16 0.00	41.70 -0.27 0.00	44.90 -0.47 0.00	51.30 -0.45 0.00	66.38 -0.38 0.00	114.95 -0.73 0.00	42.29 -0.26 0.00	44.89 -0.33 0.00	40.99 -0.42 0.00	34.61 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	52.31 -0.36 0.00	45.62 -0.45 -0.26	38.35 -0.40 -0.31	36.98 -0.39 0.00	35.30 -0.44 0.00	32.15 -0.39 0.00	40.18 -0.31 0.00	50.04 -0.27 0.00	46.06 -0.13 0.00	40.78 -0.21 -1.55	38.68 -0.17 -0.03	34.02 -0.12 0.00	27.69 -0.14 0.00	31.64 -0.13 0.00	29.27 -0.14 0.00	41.71 -0.26 0.00	44.86 -0.51 0.00	51.27 -0.49 0.00	66.33 -0.43 0.00	114.97 -0.71 0.00	42.33 -0.23 0.00	44.92 -0.31 0.00	40.99 -0.42 0.00	34.62 -0.36 0.00

HAMPSHIRE___PAPER_HYD 323593	52.94 0.27 0.00	54.97 0.31 -8.85	49.66 0.40 -10.82	37.79 0.42 0.00	36.00 0.26 0.00	32.80 0.27 0.00	40.31 -0.18 0.00	49.86 -0.46 0.00	45.51 -0.67 0.00	92.61 -0.52 -53.69	39.22 -0.66 -1.05	33.52 -0.63 0.00	27.42 -0.40 0.00	31.49 -0.28 0.00	29.16 -0.24 0.00	42.09 0.12 0.00	44.49 -0.88 0.00	50.34 -1.42 0.00	64.74 -2.02 0.00	113.02 -2.66 0.00	41.43 -1.12 0.00	43.98 -1.24 0.00	40.61 -0.81 0.00	33.96 -1.02 0.00
HARDSCRABBLE_WT_PWR 323673	52.57 -0.10 0.00	45.85 -0.33 -0.36	38.21 -0.66 -0.44	36.73 -0.65 0.00	35.29 -0.45 0.00	32.19 -0.34 0.00	40.19 -0.30 0.00	49.89 -0.43 0.00	45.48 -0.70 0.00	41.01 -0.59 -2.17	38.11 -0.76 -0.04	33.28 -0.86 0.00	26.76 -1.06 0.00	30.30 -1.47 0.00	28.34 -1.06 0.00	41.06 -0.91 0.00	44.92 -0.45 0.00	51.64 -0.12 0.00	66.85 0.09 0.00	115.46 -0.22 0.00	42.54 -0.02 0.00	45.47 0.24 0.00	41.74 0.33 0.00	35.24 0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	53.61 0.94 0.00	46.87 1.05 0.00	39.22 0.79 0.00	38.06 0.69 0.00	36.52 0.78 0.00	33.40 0.87 0.00	41.47 0.98 0.00	51.50 1.18 0.00	47.29 1.11 0.00	40.52 1.08 0.00	39.87 1.04 0.00	35.17 0.88 -0.15	29.05 0.78 -0.44	33.60 0.95 -0.87	30.40 1.00 0.00	43.70 1.27 -0.46	47.61 1.65 -0.59	53.82 2.06 0.00	69.75 3.00 0.00	120.30 4.62 0.00	44.14 1.59 0.00	46.84 1.61 0.00	42.90 1.49 0.00	36.13 1.15 0.00
HARSNRAD_115KV_TB1 81005	50.59 -2.08 0.00	43.30 -2.52 0.00	36.30 -2.13 0.00	35.12 -2.25 0.00	33.15 -2.59 0.00	29.38 -3.15 0.00	37.02 -3.47 0.00	37.86 -3.98 8.47	43.84 -2.35 0.00	36.43 -3.00 0.00	35.86 -2.97 0.00	32.15 -1.99 0.00	26.08 -1.75 0.00	29.87 -1.90 0.00	25.26 -2.12 2.03	30.92 -2.84 8.21	30.92 -4.25 10.21	32.43 -5.74 13.59	43.20 -7.55 16.02	82.18 -11.06 22.45	35.52 -3.95 3.08	40.91 -4.31 0.00	27.02 -4.15 10.24	22.53 -2.92 9.53
HARZA MOOSE___RIVER 24016	53.35 0.68 0.00	49.00 0.60 -2.58	42.14 0.55 -3.16	37.95 0.58 0.00	36.24 0.49 0.00	33.05 0.52 0.00	40.67 0.18 0.00	50.34 0.03 0.00	45.99 -0.20 0.00	54.84 -0.27 -15.67	38.75 -0.39 -0.31	33.70 -0.45 0.00	27.45 -0.37 0.00	31.55 -0.22 0.00	29.30 -0.11 0.00	42.25 0.28 0.00	44.96 -0.41 0.00	51.30 -0.45 0.00	66.54 -0.22 0.00	115.84 0.16 0.00	42.48 -0.08 0.00	44.92 -0.31 0.00	41.21 -0.20 0.00	34.47 -0.51 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	51.99 -0.68 0.00	45.41 -0.71 -0.30	38.18 -0.62 -0.37	36.77 -0.60 0.00	35.15 -0.59 0.00	31.98 -0.55 0.00	39.92 -0.57 0.00	49.69 -0.63 0.00	45.73 -0.46 0.00	40.81 -0.45 -1.83	38.44 -0.43 -0.04	33.81 -0.33 0.00	27.52 -0.31 0.00	31.48 -0.29 0.00	29.11 -0.30 0.00	41.51 -0.46 0.00	44.70 -0.66 0.00	51.01 -0.74 0.00	65.97 -0.79 0.00	114.35 -1.33 0.00	42.08 -0.47 0.00	44.66 -0.57 0.00	40.78 -0.62 0.00	34.45 -0.53 0.00
HELLGATE_13_KV_LD 55870	54.36 1.69 0.00	47.66 1.84 0.00	39.92 1.49 0.00	38.72 1.34 0.00	37.16 1.42 0.00	34.04 1.50 -0.01	42.10 1.61 0.00	52.28 1.97 0.00	48.14 1.95 0.00	41.36 1.93 0.00	40.75 1.91 0.00	36.01 1.69 -0.17	29.80 1.48 -0.51	34.46 1.68 -1.00	31.14 1.73 -0.01	44.57 2.08 -0.53	48.55 2.51 -0.67	54.72 2.97 0.00	70.80 4.04 0.00	122.13 6.45 0.00	44.85 2.29 0.00	47.58 2.35 0.00	43.65 2.24 0.00	36.75 1.77 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	54.36 1.69 0.00	47.66 1.84 0.00	39.92 1.49 0.00	38.72 1.34 0.00	37.16 1.42 0.00	34.04 1.50 -0.01	42.10 1.61 0.00	52.28 1.97 0.00	48.14 1.95 0.00	41.36 1.93 0.00	40.75 1.91 0.00	36.01 1.69 -0.17	29.80 1.48 -0.51	34.46 1.68 -1.00	31.14 1.73 -0.01	44.57 2.08 -0.53	48.55 2.51 -0.67	54.72 2.97 0.00	70.80 4.04 0.00	122.13 6.45 0.00	44.85 2.29 0.00	47.58 2.35 0.00	43.65 2.24 0.00	36.75 1.77 0.00
HEMPSTEAD___ 23647	53.67 1.00 0.00	47.07 1.25 0.00	39.40 0.97 0.00	38.25 0.88 0.00	36.66 0.92 0.00	33.58 1.05 0.00	41.47 0.98 0.00	51.39 1.07 0.00	47.15 0.96 0.00	40.46 1.03 0.00	40.00 1.17 0.00	35.27 0.96 -0.17	29.21 0.88 -0.50	33.82 1.05 -1.00	30.57 1.16 0.00	43.98 1.49 -0.53	47.87 1.83 -0.67	54.02 2.26 0.00	69.76 3.00 0.00	120.44 4.76 0.00	44.29 1.73 0.00	47.27 2.05 0.00	43.34 1.93 0.00	36.46 1.49 0.00
HICKLING___1 23621	51.60 -1.07 0.00	44.54 -1.28 0.00	37.20 -1.23 0.00	36.20 -1.17 0.00	34.19 -1.55 0.00	30.75 -1.78 0.00	38.36 -2.12 0.00	51.44 -2.43 -3.56	44.20 -1.99 0.00	37.58 -1.85 0.00	37.14 -1.70 0.00	32.92 -1.22 0.00	26.75 -1.08 0.00	30.72 -1.05 0.00	29.23 -1.31 -1.14	43.94 -1.83 -3.80	47.29 -2.70 -4.62	54.96 -2.95 -6.15	70.76 -3.25 -7.25	120.29 -5.54 -10.16	42.11 -1.84 -1.39	43.22 -2.00 0.00	43.74 -2.30 -4.63	37.42 -1.87 -4.31
HICKLING___2 23622	51.60 -1.07 0.00	44.54 -1.28 0.00	37.20 -1.23 0.00	36.20 -1.17 0.00	34.19 -1.55 0.00	30.75 -1.78 0.00	38.36 -2.12 0.00	51.44 -2.43 -3.56	44.20 -1.99 0.00	37.58 -1.85 0.00	37.14 -1.70 0.00	32.92 -1.22 0.00	26.75 -1.08 0.00	30.72 -1.05 0.00	29.23 -1.31 -1.14	43.94 -1.83 -3.80	47.29 -2.70 -4.62	54.96 -2.95 -6.15	70.76 -3.25 -7.25	120.29 -5.54 -10.16	42.11 -1.84 -1.39	43.22 -2.00 0.00	43.74 -2.30 -4.63	37.42 -1.87 -4.31
HIGH FALLS___HY 23754	53.47 0.80 0.00	46.80 0.98 0.00	39.17 0.73 0.00	38.03 0.66 0.00	36.48 0.74 0.00	33.37 0.84 0.00	41.47 0.99 0.00	51.55 1.24 0.00	47.46 1.27 0.00	40.57 1.14 0.00	39.83 1.00 0.00	35.02 0.77 -0.11	28.76 0.62 -0.32	33.22 0.82 -0.63	30.32 0.91 0.00	43.68 1.37 -0.34	47.43 1.63 -0.42	53.79 2.03 0.00	69.86 3.10 0.00	120.54 4.86 0.00	44.24 1.69 0.00	46.92 1.69 0.00	42.94 1.53 0.00	36.16 1.18 0.00
HIGH_RIVER___SOLAR 323847	53.83 1.16 0.00	46.81 1.00 0.00	39.22 0.79 0.00	38.14 0.77 0.00	36.53 0.79 0.00	33.32 0.79 0.00	41.51 1.03 0.00	51.60 1.28 0.00	47.13 0.94 0.00	40.23 0.79 0.00	39.25 0.42 0.00	34.51 0.37 0.00	27.78 -0.04 0.00	31.45 -0.32 0.00	29.20 -0.21 0.00	42.33 0.36 0.00	46.40 1.03 0.00	53.08 1.32 0.00	68.62 1.86 0.00	118.80 3.12 0.00	43.69 1.14 0.00	46.43 1.21 0.00	42.49 1.07 0.00	35.88 0.91 0.00
HILLBURN___GT 23639	53.46 0.79 0.00	46.78 0.96 0.00	39.15 0.72 0.00	37.98 0.61 0.00	36.45 0.71 0.00	33.34 0.81 0.00	41.37 0.89 0.00	51.36 1.04 0.00	47.18 0.99 0.00	40.47 1.04 0.00	39.88 1.05 0.00	35.19 0.90 -0.16	29.08 0.80 -0.46	33.63 0.95 -0.90	30.40 1.00 0.00	43.59 1.14 -0.48	47.51 1.53 -0.60	53.67 1.91 0.00	69.56 2.81 0.00	119.89 4.22 0.00	44.00 1.45 0.00	46.71 1.49 0.00	42.80 1.40 0.00	36.05 1.08 0.00
HILLSIDE_115KV_TB1 80332	50.85 -1.81 0.00	43.94 -1.87 0.00	36.73 -1.71 0.00	35.81 -1.56 0.00	33.91 -1.83 0.00	30.69 -1.85 0.00	38.21 -2.28 0.00	50.26 -2.71 -2.65	43.88 -2.31 0.00	37.46 -1.98 0.00	37.01 -1.82 0.00	32.70 -1.44 0.00	26.59 -1.23 0.00	30.55 -1.22 0.00	28.85 -1.42 -0.86	43.36 -1.92 -3.32	46.72 -2.77 -4.12	54.12 -3.12 -5.48	69.74 -3.48 -6.47	118.49 -6.25 -9.06	41.65 -2.15 -1.24	42.93 -2.30 0.00	43.10 -2.45 -4.14	36.88 -1.94 -3.84

HISHELDN_WT_PWR 323625	28.20 -1.72 22.75	32.04 -2.12 11.66	24.28 -1.90 12.25	27.06 -2.09 8.22	25.23 -2.65 7.85	29.22 -3.31 0.00	23.64 -3.79 13.06	19.60 -4.30 26.41	27.30 -2.92 15.96	36.11 -3.33 0.00	35.61 -3.22 0.00	32.10 -2.05 0.00	26.11 -1.71 0.00	29.86 -1.92 0.00	20.51 -2.46 6.43	12.20 -3.48 26.28	8.30 -4.65 32.42	0.72 -5.51 45.53	8.57 -7.32 50.87	27.56 -11.09 77.03	23.80 -3.68 15.08	35.14 -4.05 6.04	2.83 -4.28 34.30	1.37 -3.35 30.26
HOLTSVILLE_IC_1 23690	53.75 1.08 0.00	47.22 1.40 0.00	39.58 1.14 0.00	38.45 1.08 0.00	36.78 1.04 0.00	33.71 1.18 0.00	41.60 1.12 0.00	51.38 1.06 0.00	47.13 0.95 0.00	40.48 1.05 0.00	40.05 1.22 0.00	35.27 0.96 -0.17	29.23 0.90 -0.50	33.83 1.07 -1.00	30.62 1.22 0.00	44.15 1.65 -0.53	48.06 2.02 -0.67	54.12 2.36 0.00	69.98 3.22 0.00	121.08 5.40 0.00	44.55 1.99 0.00	47.87 2.64 0.00	43.84 2.43 0.00	36.84 1.87 0.00
HOLTSVILLE_IC_10 23699	53.95 1.28 0.00	47.39 1.57 0.00	39.71 1.28 0.00	38.58 1.22 0.00	36.90 1.15 0.00	33.81 1.28 0.00	41.77 1.28 0.00	51.58 1.27 0.00	47.34 1.15 0.00	40.59 1.16 0.00	40.13 1.30 0.00	35.37 1.06 -0.17	29.31 0.98 -0.50	33.94 1.16 -1.00	30.73 1.33 0.00	44.33 1.83 -0.53	48.24 2.21 -0.67	54.33 2.58 0.00	70.29 3.54 0.00	121.75 6.07 0.00	44.79 2.24 0.00	48.14 2.91 0.00	44.06 2.66 0.00	37.01 2.04 0.00
HOLTSVILLE_IC_2 23691	53.75 1.08 0.00	47.22 1.40 0.00	39.58 1.14 0.00	38.45 1.08 0.00	36.78 1.04 0.00	33.71 1.18 0.00	41.60 1.12 0.00	51.38 1.06 0.00	47.13 0.95 0.00	40.48 1.05 0.00	40.05 1.22 0.00	35.27 0.96 -0.17	29.23 0.90 -0.50	33.83 1.07 -1.00	30.62 1.22 0.00	44.15 1.65 -0.53	48.06 2.02 -0.67	54.12 2.36 0.00	69.98 3.22 0.00	121.08 5.40 0.00	44.55 1.99 0.00	47.87 2.64 0.00	43.84 2.43 0.00	36.84 1.87 0.00
HOLTSVILLE_IC_3 23692	53.75 1.08 0.00	47.22 1.40 0.00	39.58 1.14 0.00	38.45 1.08 0.00	36.78 1.04 0.00	33.71 1.18 0.00	41.60 1.12 0.00	51.38 1.06 0.00	47.13 0.95 0.00	40.48 1.05 0.00	40.05 1.22 0.00	35.27 0.96 -0.17	29.23 0.90 -0.50	33.83 1.07 -1.00	30.62 1.22 0.00	44.15 1.65 -0.53	48.06 2.02 -0.67	54.12 2.36 0.00	69.98 3.22 0.00	121.08 5.40 0.00	44.55 1.99 0.00	47.87 2.64 0.00	43.84 2.43 0.00	36.84 1.87 0.00
HOLTSVILLE_IC_4 23693	53.75 1.08 0.00	47.22 1.40 0.00	39.58 1.14 0.00	38.45 1.08 0.00	36.78 1.04 0.00	33.71 1.18 0.00	41.60 1.12 0.00	51.38 1.06 0.00	47.13 0.95 0.00	40.48 1.05 0.00	40.05 1.22 0.00	35.27 0.96 -0.17	29.23 0.90 -0.50	33.83 1.07 -1.00	30.62 1.22 0.00	44.15 1.65 -0.53	48.06 2.02 -0.67	54.12 2.36 0.00	69.98 3.22 0.00	121.08 5.40 0.00	44.55 1.99 0.00	47.87 2.64 0.00	43.84 2.43 0.00	36.84 1.87 0.00
HOLTSVILLE_IC_5 23694	53.75 1.08 0.00	47.22 1.40 0.00	39.58 1.14 0.00	38.45 1.08 0.00	36.78 1.04 0.00	33.71 1.18 0.00	41.60 1.12 0.00	51.38 1.06 0.00	47.13 0.95 0.00	40.48 1.05 0.00	40.05 1.22 0.00	35.27 0.96 -0.17	29.23 0.90 -0.50	33.83 1.07 -1.00	30.62 1.22 0.00	44.15 1.65 -0.53	48.06 2.02 -0.67	54.12 2.36 0.00	69.98 3.22 0.00	121.08 5.40 0.00	44.55 1.99 0.00	47.87 2.64 0.00	43.84 2.43 0.00	36.84 1.87 0.00
HOLTSVILLE_IC_6 23695	53.95 1.28 0.00	47.39 1.57 0.00	39.71 1.28 0.00	38.58 1.22 0.00	36.90 1.15 0.00	33.81 1.28 0.00	41.77 1.28 0.00	51.58 1.27 0.00	47.34 1.15 0.00	40.59 1.16 0.00	40.13 1.30 0.00	35.37 1.06 -0.17	29.31 0.98 -0.50	33.94 1.16 -1.00	30.73 1.33 0.00	44.33 1.83 -0.53	48.24 2.21 -0.67	54.33 2.58 0.00	70.29 3.54 0.00	121.75 6.07 0.00	44.79 2.24 0.00	48.14 2.91 0.00	44.06 2.66 0.00	37.01 2.04 0.00
HOLTSVILLE_IC_7 23696	53.95 1.28 0.00	47.39 1.57 0.00	39.71 1.28 0.00	38.58 1.22 0.00	36.90 1.15 0.00	33.81 1.28 0.00	41.77 1.28 0.00	51.58 1.27 0.00	47.34 1.15 0.00	40.59 1.16 0.00	40.13 1.30 0.00	35.37 1.06 -0.17	29.31 0.98 -0.50	33.94 1.16 -1.00	30.73 1.33 0.00	44.33 1.83 -0.53	48.24 2.21 -0.67	54.33 2.58 0.00	70.29 3.54 0.00	121.75 6.07 0.00	44.79 2.24 0.00	48.14 2.91 0.00	44.06 2.66 0.00	37.01 2.04 0.00
HOLTSVILLE_IC_8 23697	53.95 1.28 0.00	47.39 1.57 0.00	39.71 1.28 0.00	38.58 1.22 0.00	36.90 1.15 0.00	33.81 1.28 0.00	41.77 1.28 0.00	51.58 1.27 0.00	47.34 1.15 0.00	40.59 1.16 0.00	40.13 1.30 0.00	35.37 1.06 -0.17	29.31 0.98 -0.50	33.94 1.16 -1.00	30.73 1.33 0.00	44.33 1.83 -0.53	48.24 2.21 -0.67	54.33 2.58 0.00	70.29 3.54 0.00	121.75 6.07 0.00	44.79 2.24 0.00	48.14 2.91 0.00	44.06 2.66 0.00	37.01 2.04 0.00
HOLTSVILLE_IC_9 23698	53.95 1.28 0.00	47.39 1.57 0.00	39.71 1.28 0.00	38.58 1.22 0.00	36.90 1.15 0.00	33.81 1.28 0.00	41.77 1.28 0.00	51.58 1.27 0.00	47.34 1.15 0.00	40.59 1.16 0.00	40.13 1.30 0.00	35.37 1.06 -0.17	29.31 0.98 -0.50	33.94 1.16 -1.00	30.73 1.33 0.00	44.33 1.83 -0.53	48.24 2.21 -0.67	54.33 2.58 0.00	70.29 3.54 0.00	121.75 6.07 0.00	44.79 2.24 0.00	48.14 2.91 0.00	44.06 2.66 0.00	37.01 2.04 0.00
HOMER_HL_115KV_TB2 355744	52.39 -0.28 0.00	44.94 -0.88 0.00	37.77 -0.67 0.00	36.60 -0.77 0.00	34.54 -1.20 0.00	30.80 -1.73 0.00	44.38 -1.75 -5.64	43.17 -1.95 5.19	45.25 -0.94 0.00	38.07 -1.36 0.00	37.72 -1.11 0.00	33.69 -0.45 0.00	27.47 -0.35 0.00	31.50 -0.27 0.00	27.76 -0.90 0.74	37.39 -1.58 3.00	38.95 -2.68 3.75	43.24 -3.52 4.99	56.24 -4.63 5.88	100.69 -6.75 8.25	39.12 -2.31 1.13	42.75 -2.48 0.00	34.92 -2.73 3.76	29.56 -1.91 3.50
HOWARD_WT_PWR 323690	62.33 -1.05 -10.71	49.85 -1.46 -5.49	42.76 -1.44 -5.77	39.46 -1.78 -3.87	36.71 -2.72 -3.69	28.87 -3.66 0.00	42.32 -4.31 -6.15	73.76 -4.99 -28.44	49.08 -4.61 -7.51	34.91 -4.52 0.00	34.55 -4.28 0.00	31.18 -2.96 0.00	25.09 -2.73 0.00	28.69 -3.08 0.00	33.18 -3.05 -6.83	65.28 -4.42 -27.73	74.19 -5.48 -34.30	91.45 -5.96 -45.64	113.59 -6.99 -53.82	181.34 -9.76 -75.42	49.65 -3.25 -10.34	41.74 -3.48 0.00	71.63 -4.20 -34.41	63.35 -3.64 -32.01
HQ_GEN_CEDARS 23644	53.86 1.19 0.00	64.74 1.14 -17.78	61.27 1.09 -21.75	38.41 1.03 0.00	36.58 0.84 0.00	33.23 0.70 0.00	41.23 0.74 0.00	51.19 0.88 0.00	46.89 0.71 0.00	148.15 0.77 -107.94	41.67 0.73 -2.11	34.88 0.74 0.00	28.58 0.76 0.00	32.66 0.89 0.00	30.17 0.76 0.00	43.13 1.16 0.00	46.13 0.76 0.00	52.02 0.26 0.00	66.52 -0.23 0.00	116.24 0.56 0.00	42.72 0.16 -0.01	45.38 0.15 0.00	41.76 0.35 0.00	35.20 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	53.85 1.19 0.00	64.74 1.13 -17.78	61.27 1.08 -21.75	38.41 1.03 0.00	36.58 0.84 0.00	33.23 0.70 0.00	38.34 0.75 2.89	51.20 0.88 0.00	46.92 0.73 0.00	148.15 0.77 -107.94	41.67 0.73 -2.11	34.88 0.74 0.00	28.58 0.76 0.00	32.66 0.89 0.00	30.17 0.76 0.00	43.13 1.16 0.00	46.13 0.76 0.00	52.03 0.27 0.00	66.51 -0.25 0.00	116.25 0.57 0.00	42.72 0.16 -0.01	45.40 0.17 0.00	41.75 0.34 0.00	35.20 0.22 0.00

HQ_GEN_CHPE_PROXY 323851	53.95 1.28 0.00	47.28 1.46 0.00	39.57 1.13 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.76 1.27 0.00	51.82 1.50 0.00	47.69 1.51 0.00	40.95 1.52 0.00	40.36 1.53 0.00	35.64 1.33 -0.17	29.52 1.20 -0.50	34.14 1.36 -1.00	30.82 1.41 0.00	44.17 1.67 -0.53	49.30 2.07 -1.86	54.25 2.49 0.00	70.28 3.52 0.00	121.16 5.48 0.00	44.47 1.91 0.00	47.20 1.98 0.00	43.27 1.86 0.00	36.45 1.47 0.00
HQ_GEN_IMPORT 323601	53.18 0.51 0.00	45.72 0.44 0.54	38.18 0.41 0.66	37.78 0.41 0.00	36.07 0.33 0.00	32.79 0.26 0.00	40.79 0.30 0.00	50.69 0.37 0.00	46.51 0.32 0.00	36.45 0.30 3.29	39.10 0.33 0.06	34.47 0.33 0.00	28.15 0.33 0.00	32.15 0.38 0.00	29.71 0.31 0.00	42.43 0.46 0.00	46.95 0.38 -1.20	51.98 0.22 0.00	66.82 0.06 0.00	116.14 0.46 0.00	42.70 0.14 0.00	45.37 0.14 0.00	41.58 0.17 0.00	35.11 0.13 0.00
HQ_GEN_WHEEL 23651	53.18 0.51 0.00	45.72 0.44 0.54	38.18 0.41 0.66	37.78 0.41 0.00	36.07 0.33 0.00	32.79 0.26 0.00	40.79 0.30 0.00	50.69 0.37 0.00	46.51 0.32 0.00	36.45 0.30 3.29	39.10 0.33 0.06	34.47 0.33 0.00	28.15 0.33 0.00	32.15 0.38 0.00	29.71 0.31 0.00	42.43 0.46 0.00	46.95 0.38 -1.20	51.98 0.22 0.00	66.82 0.06 0.00	116.14 0.46 0.00	42.70 0.14 0.00	45.37 0.14 0.00	41.58 0.17 0.00	35.11 0.13 0.00
HUDSON AVE_GT_3 23810	53.99 1.33 0.00	47.33 1.51 0.00	39.60 1.17 0.00	38.42 1.05 0.00	36.88 1.14 0.00	33.75 1.22 0.00	41.80 1.31 0.00	51.90 1.58 0.00	47.74 1.56 0.00	41.00 1.56 0.00	40.43 1.59 0.00	35.70 1.38 -0.17	29.56 1.23 -0.50	34.18 1.41 -1.00	30.86 1.46 0.00	44.22 1.73 -0.53	48.18 2.14 -0.67	54.35 2.59 0.00	70.38 3.62 0.00	121.34 5.66 0.00	44.54 1.98 0.00	47.26 2.03 0.00	43.32 1.92 0.00	36.50 1.52 0.00
HUDSON AVE_GT_4 23540	53.99 1.33 0.00	47.33 1.51 0.00	39.60 1.17 0.00	38.42 1.05 0.00	36.88 1.14 0.00	33.75 1.22 0.00	41.80 1.31 0.00	51.90 1.58 0.00	47.74 1.56 0.00	41.00 1.56 0.00	40.43 1.59 0.00	35.70 1.38 -0.17	29.56 1.23 -0.50	34.18 1.41 -1.00	30.86 1.46 0.00	44.22 1.73 -0.53	48.18 2.14 -0.67	54.35 2.59 0.00	70.38 3.62 0.00	121.34 5.66 0.00	44.54 1.98 0.00	47.26 2.03 0.00	43.32 1.92 0.00	36.50 1.52 0.00
HUDSON AVE_GT_5 23657	53.99 1.33 0.00	47.33 1.51 0.00	39.60 1.17 0.00	38.42 1.05 0.00	36.88 1.14 0.00	33.75 1.22 0.00	41.80 1.31 0.00	51.90 1.58 0.00	47.74 1.56 0.00	41.00 1.56 0.00	40.43 1.59 0.00	35.70 1.38 -0.17	29.56 1.23 -0.50	34.18 1.41 -1.00	30.86 1.46 0.00	44.22 1.73 -0.53	48.18 2.14 -0.67	54.35 2.59 0.00	70.38 3.62 0.00	121.34 5.66 0.00	44.54 1.98 0.00	47.26 2.03 0.00	43.32 1.92 0.00	36.50 1.52 0.00
HUDSON_AVE_10 24168	53.81 1.15 0.00	47.16 1.34 0.00	39.45 1.02 0.00	38.27 0.90 0.00	36.73 0.99 0.00	33.61 1.08 0.00	41.65 1.16 0.00	51.70 1.38 0.00	47.56 1.37 0.00	40.87 1.44 0.00	40.27 1.44 0.00	35.56 1.25 -0.17	29.47 1.14 -0.50	34.07 1.30 -1.00	30.77 1.36 0.00	44.07 1.57 -0.53	48.01 1.97 -0.67	54.14 2.38 0.00	70.14 3.38 0.00	120.98 5.30 0.00	44.40 1.85 0.00	47.09 1.87 0.00	43.19 1.78 0.00	36.37 1.40 0.00
HUDSON___115KV_TB 4 355613	54.12 1.45 0.00	47.10 1.28 0.00	39.51 1.08 0.00	38.49 1.12 0.00	36.92 1.18 0.00	33.65 1.12 0.00	41.99 1.50 0.00	52.17 1.85 0.00	47.71 1.53 0.00	40.41 0.97 0.00	39.68 0.84 0.00	34.60 0.46 0.00	28.12 0.30 0.00	31.96 0.18 0.00	29.80 0.40 0.00	42.52 0.55 0.00	46.79 1.42 0.00	53.76 2.00 0.00	69.52 2.76 0.00	120.09 4.41 0.00	44.16 1.60 0.00	46.96 1.73 0.00	42.98 1.58 0.00	36.29 1.31 0.00
HUNTER MOUNT___DRP 323613	54.34 1.67 0.00	47.27 1.45 0.00	39.65 1.22 0.00	38.62 1.25 0.00	37.06 1.32 0.00	33.79 1.26 0.00	42.20 1.71 0.00	52.47 2.15 0.00	47.99 1.80 0.00	40.62 1.19 0.00	39.83 1.00 0.00	34.71 0.57 0.00	28.21 0.39 0.00	32.06 0.29 0.00	29.91 0.50 0.00	42.65 0.68 0.00	46.98 1.61 0.00	54.00 2.24 0.00	69.83 3.07 0.00	120.64 4.96 0.00	44.35 1.80 0.00	47.15 1.92 0.00	43.12 1.72 0.00	36.40 1.42 0.00
HUNTINGTON_RES_REC 323705	53.77 1.11 0.00	47.19 1.37 0.00	39.55 1.11 0.00	38.41 1.03 0.00	36.76 1.02 0.00	33.69 1.16 0.00	41.57 1.09 0.00	51.39 1.07 0.00	47.15 0.96 0.00	40.48 1.05 0.00	40.04 1.21 0.00	35.25 0.94 -0.17	29.19 0.87 -0.50	33.81 1.04 -1.00	30.62 1.22 0.00	44.13 1.63 -0.53	48.03 1.99 -0.67	54.17 2.41 0.00	69.99 3.23 0.00	121.05 5.37 0.00	44.53 1.98 0.00	47.76 2.54 0.00	43.78 2.37 0.00	36.79 1.81 0.00
HUNTLEY___63 23557	50.92 -1.75 0.00	43.59 -2.23 0.00	36.53 -1.90 0.00	35.37 -2.01 0.00	33.41 -2.33 0.00	29.62 -2.92 0.00	37.31 -3.18 0.00	40.33 -3.65 6.34	44.22 -1.97 0.00	36.73 -2.70 0.00	36.21 -2.63 0.00	32.46 -1.68 0.00	26.34 -1.49 0.00	30.18 -1.59 0.00	25.39 -1.85 2.17	30.78 -2.41 8.78	30.64 -3.81 10.92	32.03 -5.19 14.54	42.76 -6.86 17.14	81.81 -9.85 24.02	35.66 -3.60 3.29	41.26 -3.97 0.00	26.62 -3.83 10.96	22.07 -2.71 10.20
HUNTLEY___64 23558	50.92 -1.75 0.00	43.59 -2.23 0.00	36.53 -1.90 0.00	35.37 -2.01 0.00	33.41 -2.33 0.00	29.62 -2.92 0.00	37.31 -3.18 0.00	40.33 -3.65 6.34	44.22 -1.97 0.00	36.73 -2.70 0.00	36.21 -2.63 0.00	32.46 -1.68 0.00	26.34 -1.49 0.00	30.18 -1.59 0.00	25.39 -1.85 2.17	30.78 -2.41 8.78	30.64 -3.81 10.92	32.03 -5.19 14.54	42.76 -6.86 17.14	81.81 -9.85 24.02	35.66 -3.60 3.29	41.26 -3.97 0.00	26.62 -3.83 10.96	22.07 -2.71 10.20
HUNTLEY___65 23559	50.92 -1.75 0.00	43.59 -2.23 0.00	36.53 -1.90 0.00	35.37 -2.01 0.00	33.41 -2.33 0.00	29.62 -2.92 0.00	37.31 -3.18 0.00	40.33 -3.65 6.34	44.22 -1.97 0.00	36.73 -2.70 0.00	36.21 -2.63 0.00	32.46 -1.68 0.00	26.34 -1.49 0.00	30.18 -1.59 0.00	25.39 -1.85 2.17	30.78 -2.41 8.78	30.64 -3.81 10.92	32.03 -5.19 14.54	42.76 -6.86 17.14	81.81 -9.85 24.02	35.66 -3.60 3.29	41.26 -3.97 0.00	26.62 -3.83 10.96	22.07 -2.71 10.20
HUNTLEY___66 23560	50.92 -1.75 0.00	43.59 -2.23 0.00	36.53 -1.90 0.00	35.37 -2.01 0.00	33.41 -2.33 0.00	29.62 -2.92 0.00	37.31 -3.18 0.00	40.33 -3.65 6.34	44.22 -1.97 0.00	36.73 -2.70 0.00	36.21 -2.63 0.00	32.46 -1.68 0.00	26.34 -1.49 0.00	30.18 -1.59 0.00	25.39 -1.85 2.17	30.78 -2.41 8.78	30.64 -3.81 10.92	32.03 -5.19 14.54	42.76 -6.86 17.14	81.81 -9.85 24.02	35.66 -3.60 3.29	41.26 -3.97 0.00	26.62 -3.83 10.96	22.07 -2.71 10.20
HUNTLEY___67 23561	50.61 -2.06 0.00	43.31 -2.51 0.00	36.32 -2.12 0.00	35.14 -2.23 0.00	33.18 -2.56 0.00	29.42 -3.11 0.00	37.09 -3.40 0.00	38.75 -3.91 7.66	43.93 -2.26 0.00	36.55 -2.88 0.00	36.03 -2.81 0.00	32.27 -1.87 0.00	26.21 -1.61 0.00	30.00 -1.77 0.00	24.80 -2.05 2.56	28.82 -2.76 10.38	28.35 -4.12 12.90	29.10 -5.49 17.17	39.24 -7.27 20.25	76.76 -10.55 28.38	34.90 -3.76 3.89	41.10 -4.12 0.00	24.38 -4.08 12.95	19.96 -2.97 12.04

HUNTLEY___68 23562	50.61 -2.06 0.00	43.31 -2.51 0.00	36.32 -2.12 0.00	35.14 -2.23 0.00	33.18 -2.56 0.00	29.42 -3.11 0.00	37.09 -3.40 0.00	38.75 -3.91 7.66	43.93 -2.26 0.00	36.55 -2.88 0.00	36.03 -2.81 0.00	32.27 -1.87 0.00	26.21 -1.61 0.00	30.00 -1.77 0.00	24.80 -2.05 2.56	28.82 -2.76 10.38	28.35 -4.12 12.90	29.10 -5.49 17.17	39.24 -7.27 20.25	76.76 -10.55 28.38	34.90 -3.76 3.89	41.10 -4.12 0.00	24.38 -4.08 12.95	19.96 -2.97 12.04
HYLAND___LFGE 323620	53.78 1.10 0.00	46.25 0.43 0.00	38.68 0.24 0.00	37.49 0.11 0.00	35.15 -0.59 0.00	30.95 -1.58 0.00	39.89 -0.60 0.00	72.43 -0.11 -22.22	46.61 0.42 0.00	39.05 -0.38 0.00	38.41 -0.42 0.00	34.41 0.27 0.00	27.70 -0.13 0.00	31.80 0.03 0.00	36.83 -0.26 -7.69	72.30 -0.94 -31.27	81.81 -2.23 -38.67	101.18 -1.48 -50.90	126.03 -1.41 -60.68	198.97 -0.39 -83.68	52.96 0.00 -10.41	43.66 -0.14 1.42	79.03 -0.77 -38.38	70.41 -0.66 -36.09
INDECK___CORINTH 23802	54.28 1.61 0.00	47.37 1.55 0.00	39.69 1.26 0.00	38.71 1.34 0.00	37.24 1.50 0.00	34.06 1.53 0.00	42.51 2.02 0.00	52.79 2.48 0.00	48.17 1.98 0.00	40.87 1.43 0.00	40.06 1.23 0.00	35.16 1.06 0.04	28.23 0.52 0.11	31.93 0.38 0.22	29.89 0.48 0.00	43.09 1.12 0.00	47.49 2.12 0.00	54.60 2.85 0.00	70.39 3.63 0.00	121.44 5.76 0.00	44.52 1.97 0.00	47.32 2.09 0.00	43.28 1.88 0.00	36.58 1.60 0.00
INDECK___ILION 23567	52.63 -0.04 0.00	46.05 -0.13 -0.36	38.59 -0.28 -0.44	37.10 -0.27 0.00	35.58 -0.16 0.00	32.43 -0.10 0.00	40.45 -0.04 0.00	50.22 -0.09 0.00	45.95 -0.24 0.00	41.40 -0.20 -2.17	38.57 -0.31 -0.04	33.76 -0.38 0.00	27.31 -0.51 0.00	31.05 -0.72 0.00	28.89 -0.52 0.00	41.56 -0.41 0.00	45.26 -0.11 0.00	51.87 0.12 0.00	67.07 0.31 0.00	115.94 0.26 0.00	42.66 0.11 0.00	45.46 0.23 0.00	41.65 0.24 0.00	35.16 0.19 0.00
INDECK___OLEAN 23982	-4.48 -0.43 56.72	15.85 -0.89 29.08	7.22 -0.67 30.54	16.10 -0.77 20.50	14.97 -1.19 19.57	30.80 -1.73 0.00	11.72 -1.85 26.91	20.73 -1.96 27.63	5.25 -1.14 39.80	38.07 -1.36 0.00	37.72 -1.11 0.00	33.69 -0.45 0.00	27.47 -0.35 0.00	31.50 -0.27 0.00	27.76 -0.90 0.74	37.42 -1.55 3.00	38.99 -2.63 3.75	38.14 -3.49 10.13	56.34 -4.54 5.88	88.15 -6.88 20.65	27.67 -2.32 12.57	29.61 -2.58 13.03	31.15 -2.68 7.58	29.60 -1.88 3.50
INDECK___OSWEGO 23783	51.36 -1.31 0.00	45.43 -1.22 -0.83	38.43 -1.02 -1.02	36.40 -0.97 0.00	34.81 -0.94 0.00	31.69 -0.84 0.00	39.46 -1.03 0.00	49.06 -1.25 0.00	45.06 -1.12 0.00	43.47 -1.03 -5.07	37.90 -1.03 -0.10	33.23 -0.91 0.00	27.07 -0.75 0.00	30.97 -0.80 0.00	28.66 -0.75 0.00	40.98 -0.99 0.00	44.05 -1.32 0.00	50.35 -1.40 0.00	65.09 -1.66 0.00	112.83 -2.85 0.00	41.50 -1.05 0.00	44.03 -1.19 0.00	40.26 -1.15 0.00	33.95 -1.03 0.00
INDECK___YERKES 23781	14.76 -1.84 36.08	25.13 -2.19 18.50	17.17 -1.85 19.42	22.37 -1.97 13.03	21.00 -2.30 12.44	29.65 -2.88 0.00	16.56 -3.24 20.69	26.11 -3.59 20.61	18.75 -2.14 25.29	36.76 -2.67 0.00	36.24 -2.59 0.00	32.48 -1.66 0.00	26.36 -1.46 0.00	30.22 -1.56 0.00	25.43 -1.81 2.17	30.86 -2.32 8.78	30.76 -3.69 10.92	28.50 -5.01 18.25	42.96 -6.66 17.14	73.11 -9.60 32.97	27.45 -3.56 11.55	31.79 -4.03 9.41	24.00 -3.70 13.72	22.14 -2.64 10.20
INDIAN POINT_GT_1 24139	53.47 0.80 0.00	46.82 1.00 0.00	39.19 0.76 0.00	38.04 0.67 0.00	36.50 0.76 0.00	33.39 0.86 0.00	41.41 0.92 0.00	51.39 1.08 0.00	47.20 1.01 0.00	40.48 1.05 0.00	39.88 1.05 0.00	35.20 0.89 -0.17	29.11 0.79 -0.49	33.70 0.94 -0.98	30.41 1.00 0.00	43.63 1.14 -0.52	47.57 1.54 -0.66	53.70 1.94 0.00	69.56 2.80 0.00	119.91 4.24 0.00	44.03 1.47 0.00	46.73 1.51 0.00	42.85 1.44 0.00	36.10 1.13 0.00
INDIAN POINT_GT_2 23659	53.47 0.80 0.00	46.82 1.00 0.00	39.19 0.76 0.00	38.04 0.67 0.00	36.50 0.76 0.00	33.39 0.86 0.00	41.41 0.92 0.00	51.39 1.08 0.00	47.20 1.01 0.00	40.48 1.05 0.00	39.88 1.05 0.00	35.20 0.89 -0.17	29.11 0.79 -0.49	33.70 0.94 -0.98	30.41 1.00 0.00	43.63 1.14 -0.52	47.57 1.54 -0.66	53.70 1.94 0.00	69.56 2.80 0.00	119.91 4.24 0.00	44.03 1.47 0.00	46.73 1.51 0.00	42.85 1.44 0.00	36.10 1.13 0.00
INDIAN POINT_GT_3 24019	53.47 0.80 0.00	46.82 1.00 0.00	39.19 0.76 0.00	38.04 0.67 0.00	36.50 0.76 0.00	33.39 0.86 0.00	41.41 0.92 0.00	51.39 1.08 0.00	47.20 1.01 0.00	40.48 1.05 0.00	39.88 1.05 0.00	35.20 0.89 -0.17	29.11 0.79 -0.49	33.70 0.94 -0.98	30.41 1.00 0.00	43.63 1.14 -0.52	47.57 1.54 -0.66	53.70 1.94 0.00	69.56 2.80 0.00	119.91 4.24 0.00	44.03 1.47 0.00	46.73 1.51 0.00	42.85 1.44 0.00	36.10 1.13 0.00
INDIAN POINT___2 23530	53.45 0.78 0.00	46.78 0.96 0.00	39.16 0.73 0.00	38.01 0.63 0.00	36.47 0.73 0.00	33.35 0.82 0.00	41.37 0.89 0.00	51.34 1.03 0.00	47.17 0.98 0.00	40.45 1.02 0.00	39.84 1.01 0.00	35.18 0.87 -0.16	29.09 0.78 -0.48	33.64 0.91 -0.95	30.39 0.98 0.00	43.57 1.10 -0.50	47.50 1.49 -0.64	53.64 1.88 0.00	69.48 2.72 0.00	119.78 4.10 0.00	43.98 1.42 0.00	46.70 1.47 0.00	42.79 1.39 0.00	36.06 1.08 0.00
INDIAN POINT___3 23531	53.44 0.77 0.00	46.79 0.97 0.00	39.17 0.74 0.00	38.01 0.64 0.00	36.48 0.74 0.00	33.37 0.84 0.00	41.37 0.88 0.00	51.35 1.03 0.00	47.16 0.97 0.00	40.45 1.02 0.00	39.85 1.02 0.00	35.17 0.86 -0.17	29.10 0.78 -0.50	33.67 0.91 -0.98	30.39 0.98 0.00	43.59 1.10 -0.52	47.52 1.49 -0.66	53.65 1.89 0.00	69.49 2.73 0.00	119.79 4.11 0.00	43.98 1.42 0.00	46.68 1.45 0.00	42.81 1.40 0.00	36.07 1.10 0.00
INGHAM_C_115KV_TB7 356103	52.47 -0.20 0.00	45.84 -0.34 -0.36	38.27 -0.61 -0.44	36.82 -0.55 0.00	35.42 -0.32 0.00	32.35 -0.17 0.00	40.42 -0.06 0.00	50.14 -0.17 0.00	45.64 -0.54 0.00	41.13 -0.47 -2.17	38.16 -0.72 -0.04	33.24 -0.90 0.00	26.61 -1.21 0.00	30.04 -1.73 0.00	28.13 -1.28 0.00	41.01 -0.96 0.00	45.08 -0.29 0.00	51.91 0.15 0.00	67.29 0.54 0.00	116.05 0.37 0.00	42.72 0.16 0.00	45.61 0.39 0.00	41.82 0.41 0.00	35.27 0.29 0.00
IP CORINTH___1 23988	54.32 1.65 0.00	47.36 1.54 0.00	39.69 1.26 0.00	38.71 1.34 0.00	37.24 1.50 0.00	34.06 1.53 0.00	42.51 2.03 0.00	52.79 2.48 0.00	48.17 1.98 0.00	40.87 1.43 0.00	40.06 1.23 0.00	35.16 1.06 0.04	28.23 0.52 0.11	31.92 0.38 0.22	29.89 0.48 0.00	43.09 1.12 0.00	47.49 2.12 0.00	54.61 2.85 0.00	70.39 3.63 0.00	121.44 5.76 0.00	44.52 1.97 0.00	47.32 2.10 0.00	43.28 1.87 0.00	36.58 1.60 0.00
IP___TICONDEROGA 23804	55.06 2.39 0.00	48.04 2.23 0.00	40.35 1.91 0.00	39.63 2.26 0.00	38.40 2.65 0.00	35.43 2.91 0.00	44.48 3.99 0.00	55.08 4.76 0.00	49.89 3.70 0.00	41.60 2.16 0.00	40.66 1.82 0.00	35.97 1.87 0.04	28.58 0.87 0.11	32.36 0.81 0.22	30.21 0.81 0.00	43.58 1.62 0.00	49.13 3.75 0.00	57.03 5.27 0.00	73.08 6.32 0.00	125.60 9.92 0.00	45.69 3.14 0.00	48.49 3.26 0.00	44.42 3.01 0.00	37.59 2.61 0.00

ISLIP_RES_REC 323679	54.20 1.53 0.00	47.60 1.78 0.00	39.90 1.46 0.00	38.76 1.39 0.00	37.05 1.31 0.00	33.97 1.44 0.00	42.00 1.52 0.00	51.87 1.56 0.00	47.58 1.40 0.00	40.79 1.36 0.00	40.32 1.49 0.00	35.51 1.20 -0.17	29.42 1.10 -0.50	34.08 1.31 -1.00	30.89 1.48 0.00	44.58 2.08 -0.53	48.50 2.47 -0.67	54.63 2.87 0.00	70.69 3.94 0.00	122.44 6.76 0.00	45.04 2.48 0.00	48.40 3.17 0.00	44.29 2.88 0.00	37.18 2.21 0.00
JAMAICA__27_KV_LOAD 355505	54.27 1.61 0.00	47.48 1.66 0.00	39.70 1.27 0.00	38.51 1.14 0.00	36.93 1.19 0.00	33.76 1.23 0.00	41.97 1.48 0.00	52.07 1.76 0.00	47.96 1.78 0.00	41.26 1.82 0.00	40.57 1.74 0.00	35.85 1.53 -0.17	29.79 1.46 -0.50	34.39 1.61 -1.00	31.08 1.68 0.00	44.47 1.97 -0.53	48.39 2.35 -0.67	54.57 2.81 0.00	70.71 3.95 0.00	122.15 6.47 0.00	44.84 2.29 0.00	47.52 2.29 0.00	43.63 2.22 0.00	36.71 1.73 0.00
JANIS__SOLAR 323808	63.20 1.40 -9.14	51.53 1.03 -4.69	44.13 0.77 -4.92	41.25 0.57 -3.30	39.32 0.43 -3.15	32.77 0.24 0.00	46.17 0.43 -5.24	56.26 0.84 -5.10	53.14 0.54 -6.41	39.82 0.39 0.00	39.15 0.32 0.00	34.18 0.04 0.00	27.38 -0.44 0.00	31.35 -0.42 0.00	29.74 -0.14 -0.47	43.92 0.05 -1.89	47.34 -0.38 -2.35	55.47 -0.35 -4.05	70.73 0.28 -3.69	124.15 1.06 -7.41	46.15 0.82 -2.78	48.47 0.89 -2.35	45.04 0.59 -3.04	37.30 0.13 -2.19
JARVIS____ 23743	52.59 -0.08 0.00	46.12 -0.05 -0.36	38.79 -0.08 -0.44	37.30 -0.07 0.00	35.69 -0.05 0.00	32.47 -0.06 0.00	40.43 -0.06 0.00	50.21 -0.10 0.00	46.09 -0.09 0.00	41.55 -0.05 -2.17	38.81 -0.07 -0.04	34.05 -0.09 0.00	27.72 -0.10 0.00	31.65 -0.12 0.00	29.32 -0.09 0.00	41.84 -0.13 0.00	45.30 -0.08 0.00	51.73 -0.03 0.00	66.82 0.06 0.00	115.63 -0.05 0.00	42.55 0.00 0.00	45.23 0.00 0.00	41.41 0.00 0.00	34.99 0.02 0.00
JENNISON__1 23625	53.78 1.11 0.00	46.63 0.81 0.00	39.01 0.58 0.00	37.86 0.49 0.00	36.15 0.41 0.00	32.68 0.15 0.00	40.55 0.06 0.00	50.50 0.19 0.00	46.14 -0.05 0.00	39.66 0.22 0.00	38.85 0.02 0.00	34.13 -0.01 0.00	27.33 -0.50 0.00	31.23 -0.54 0.00	28.97 -0.44 0.00	41.71 -0.25 0.01	44.81 -0.56 0.00	51.19 -0.56 0.00	66.53 -0.23 0.00	115.25 -0.43 0.00	42.76 0.21 0.00	45.58 0.35 0.00	41.35 -0.06 0.00	34.72 -0.25 0.00
JENNISON__2 23626	53.78 1.11 0.00	46.63 0.81 0.00	39.01 0.58 0.00	37.86 0.49 0.00	36.15 0.41 0.00	32.68 0.15 0.00	40.55 0.06 0.00	50.50 0.19 0.00	46.14 -0.05 0.00	39.66 0.22 0.00	38.85 0.02 0.00	34.13 -0.01 0.00	27.33 -0.50 0.00	31.23 -0.54 0.00	28.97 -0.44 0.00	41.71 -0.25 0.01	44.81 -0.56 0.00	51.19 -0.56 0.00	66.53 -0.23 0.00	115.25 -0.43 0.00	42.76 0.21 0.00	45.58 0.35 0.00	41.35 -0.06 0.00	34.72 -0.25 0.00
JERICHO_RISE_WT_PWR 323719	53.17 0.50 0.00	48.20 0.51 -1.88	41.22 0.49 -2.30	37.76 0.38 0.00	35.82 0.08 0.00	32.56 0.03 0.00	40.32 -0.17 0.00	49.91 -0.41 0.00	45.77 -0.41 0.00	50.77 -0.05 -11.39	39.27 0.21 -0.22	34.38 0.24 0.00	28.34 0.52 0.00	32.42 0.65 0.00	29.81 0.41 0.00	42.56 0.59 0.00	45.88 0.51 0.00	51.79 0.03 0.00	66.25 -0.51 0.00	115.70 0.02 0.00	41.78 -0.78 0.00	44.49 -0.74 0.00	41.00 -0.41 0.00	34.31 -0.67 0.00
KATONAH__115KV_46KV_TB4 355592	53.72 1.05 0.00	47.02 1.20 0.00	39.36 0.92 0.00	38.21 0.83 0.00	36.67 0.93 0.00	33.55 1.02 0.00	41.63 1.14 0.00	51.69 1.37 0.00	47.47 1.28 0.00	40.79 1.36 0.00	40.18 1.35 0.00	35.43 1.11 -0.18	29.29 0.95 -0.52	33.87 1.08 -1.03	30.53 1.13 0.00	43.84 1.33 -0.54	47.80 1.75 -0.69	53.97 2.21 0.00	69.91 3.15 0.00	120.59 4.91 0.00	44.26 1.70 0.00	46.97 1.74 0.00	43.04 1.63 0.00	36.26 1.29 0.00
KCE_NY_1 323755	54.13 1.46 0.00	47.14 1.32 0.00	39.54 1.10 0.00	38.52 1.15 0.00	36.99 1.25 0.00	33.77 1.24 0.00	42.10 1.61 0.00	52.25 1.94 0.00	47.76 1.58 0.00	40.65 1.22 0.00	39.86 1.03 0.00	34.91 0.81 0.04	28.10 0.39 0.12	31.79 0.25 0.23	29.78 0.37 0.00	42.80 0.83 0.00	46.97 1.60 0.00	53.94 2.18 0.00	69.64 2.88 0.00	120.22 4.55 0.00	44.16 1.61 0.00	46.96 1.73 0.00	42.97 1.56 0.00	36.32 1.34 0.00
KCE_NY_6_ESR 323823	10.90 -1.35 40.43	23.26 -1.83 20.73	15.10 -1.57 21.77	21.06 -1.70 14.61	19.74 -2.05 13.95	29.88 -2.65 0.00	14.39 -2.90 23.20	23.33 -3.18 23.80	16.06 -1.76 28.36	37.13 -2.31 0.00	36.65 -2.18 0.00	32.86 -1.28 0.00	26.69 -1.13 0.00	30.55 -1.22 0.00	25.25 -1.62 2.54	29.48 -2.22 10.27	29.15 -3.45 12.77	26.05 -4.61 21.09	40.53 -6.19 20.04	68.79 -8.92 37.98	26.46 -3.12 12.97	31.25 -3.58 10.40	22.04 -3.51 15.86	20.52 -2.53 11.92
KEDC_PORT_JEFF_GT2 24210	53.86 1.20 0.00	47.32 1.50 0.00	39.65 1.22 0.00	38.53 1.16 0.00	36.84 1.10 0.00	33.77 1.24 0.00	41.69 1.20 0.00	51.50 1.19 0.00	47.25 1.07 0.00	40.56 1.13 0.00	40.13 1.30 0.00	35.33 1.01 -0.17	29.26 0.94 -0.50	33.89 1.12 -1.00	30.69 1.28 0.00	44.25 1.75 -0.53	48.17 2.13 -0.67	54.27 2.51 0.00	70.19 3.43 0.00	121.52 5.84 0.00	44.71 2.15 0.00	48.05 2.82 0.00	43.99 2.58 0.00	36.94 1.97 0.00
KEDC_PORT_JEFF_GT3 24211	53.86 1.20 0.00	47.32 1.50 0.00	39.65 1.22 0.00	38.53 1.16 0.00	36.84 1.10 0.00	33.77 1.24 0.00	41.69 1.20 0.00	51.50 1.19 0.00	47.25 1.07 0.00	40.56 1.13 0.00	40.13 1.30 0.00	35.33 1.01 -0.17	29.26 0.94 -0.50	33.89 1.12 -1.00	30.69 1.28 0.00	44.25 1.75 -0.53	48.17 2.13 -0.67	54.27 2.51 0.00	70.19 3.43 0.00	121.52 5.84 0.00	44.71 2.15 0.00	48.05 2.82 0.00	43.99 2.58 0.00	36.94 1.97 0.00
KEDC_GLWD_GT4 24219	53.95 1.28 0.00	47.27 1.45 0.00	39.57 1.13 0.00	38.41 1.04 0.00	36.82 1.09 0.00	33.72 1.19 0.00	41.71 1.23 0.00	51.71 1.39 0.00	47.26 1.08 0.00	40.57 1.14 0.00	40.23 1.40 0.00	35.50 1.18 -0.17	29.39 1.06 -0.50	34.03 1.26 -1.00	30.74 1.33 0.00	44.17 1.67 -0.53	48.08 2.04 -0.67	54.24 2.48 0.00	69.80 3.04 0.00	120.46 4.78 0.00	44.29 1.74 0.00	47.39 2.16 0.00	43.42 2.01 0.00	36.56 1.58 0.00
KEDC_GLWD_GTS 24220	53.95 1.28 0.00	47.27 1.45 0.00	39.57 1.13 0.00	38.41 1.04 0.00	36.82 1.09 0.00	33.72 1.19 0.00	41.71 1.23 0.00	51.71 1.39 0.00	47.26 1.08 0.00	40.57 1.14 0.00	40.23 1.40 0.00	35.50 1.18 -0.17	29.39 1.06 -0.50	34.03 1.26 -1.00	30.74 1.33 0.00	44.17 1.67 -0.53	48.08 2.04 -0.67	54.24 2.48 0.00	69.80 3.04 0.00	120.46 4.78 0.00	44.29 1.74 0.00	47.39 2.16 0.00	43.42 2.01 0.00	36.56 1.58 0.00
KENSICO____ 23655	53.62 0.95 0.00	46.96 1.14 0.00	39.31 0.88 0.00	38.15 0.78 0.00	36.62 0.87 0.00	33.50 0.97 0.00	41.53 1.05 0.00	51.54 1.23 0.00	47.34 1.16 0.00	40.62 1.18 0.00	40.03 1.20 0.00	35.32 1.00 -0.17	29.23 0.91 -0.50	33.83 1.06 -1.00	30.52 1.12 0.00	43.80 1.30 -0.53	47.75 1.71 -0.67	53.88 2.12 0.00	69.78 3.03 0.00	120.33 4.65 0.00	44.16 1.61 0.00	46.88 1.66 0.00	42.98 1.58 0.00	36.22 1.24 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	53.52 0.85 0.00	46.85 1.04 0.00	39.23 0.80 0.00	38.09 0.71 0.00	36.55 0.81 0.00	33.44 0.90 0.00	41.56 1.08 0.00	51.67 1.36 0.00	47.58 1.40 0.00	40.65 1.21 0.00	39.88 1.05 0.00	35.07 0.81 -0.12	28.79 0.63 -0.34	33.26 0.82 -0.67	30.34 0.93 0.00	43.74 1.41 -0.36	47.55 1.73 -0.45	53.92 2.16 0.00	70.01 3.25 0.00	120.82 5.14 0.00	44.34 1.78 0.00	47.03 1.81 0.00	43.03 1.62 0.00	36.24 1.26 0.00
KIAC_JFK_GT1 23816	53.97 1.30 0.00	47.22 1.41 0.00	39.49 1.05 0.00	38.31 0.94 0.00	36.69 0.95 0.00	33.45 0.92 0.00	41.58 1.09 0.00	51.57 1.25 0.00	47.49 1.31 0.00	41.02 1.59 0.00	40.37 1.53 0.00	35.66 1.35 -0.17	29.64 1.31 -0.50	34.21 1.44 -1.00	30.93 1.52 0.00	44.23 1.74 -0.53	48.07 2.04 -0.67	54.07 2.32 0.00	70.07 3.32 0.00	121.00 5.32 0.00	44.42 1.87 0.00	47.07 1.85 0.00	43.36 1.95 0.00	36.51 1.54 0.00
KIAC_JFK_GT2 23817	53.97 1.30 0.00	47.22 1.41 0.00	39.49 1.05 0.00	38.31 0.94 0.00	36.69 0.95 0.00	33.45 0.92 0.00	41.58 1.09 0.00	51.57 1.25 0.00	47.49 1.31 0.00	41.02 1.59 0.00	40.37 1.53 0.00	35.66 1.35 -0.17	29.64 1.31 -0.50	34.21 1.44 -1.00	30.93 1.52 0.00	44.23 1.74 -0.53	48.07 2.04 -0.67	54.07 2.32 0.00	70.07 3.32 0.00	121.00 5.32 0.00	44.42 1.87 0.00	47.07 1.85 0.00	43.36 1.95 0.00	36.51 1.54 0.00
KIAC_JFK____ 323774	53.99 1.32 0.00	47.22 1.40 0.00	39.49 1.06 0.00	38.31 0.94 0.00	36.69 0.95 0.00	33.45 0.91 0.00	41.59 1.10 0.00	51.58 1.26 0.00	47.52 1.33 0.00	41.02 1.59 0.00	40.36 1.53 0.00	35.66 1.34 -0.17	29.64 1.31 -0.50	34.21 1.44 -1.00	30.92 1.51 0.00	44.23 1.73 -0.53	48.06 2.03 -0.67	54.06 2.30 0.00	70.06 3.30 0.00	121.00 5.32 0.00	44.42 1.87 0.00	47.09 1.86 0.00	43.36 1.95 0.00	36.51 1.53 0.00
KINTIGH_24_KV_GSU 356498	18.70 -2.66 31.31	26.94 -2.83 16.05	19.23 -2.35 16.86	23.64 -2.42 11.31	22.31 -2.63 10.80	29.48 -3.05 0.00	19.04 -3.48 17.97	29.27 -3.95 17.09	21.57 -2.65 21.96	36.51 -2.92 0.00	35.98 -2.85 0.00	32.13 -2.02 0.00	26.12 -1.71 0.00	29.92 -1.85 0.00	25.83 -2.02 1.56	32.91 -2.74 6.32	33.54 -3.97 7.86	32.84 -5.22 13.70	47.64 -6.79 12.33	80.43 -10.15 25.10	29.25 -3.73 9.58	32.89 -4.12 8.22	27.28 -3.84 10.29	24.78 -2.86 7.33
KINTIGH____ 23543	50.08 -2.59 0.00	42.97 -2.85 0.00	36.07 -2.37 0.00	34.94 -2.43 0.00	33.08 -2.66 0.00	29.47 -3.06 0.00	37.07 -3.42 4.70	41.63 -3.98 0.00	43.67 -2.52 0.00	36.49 -2.94 0.00	35.96 -2.88 0.00	32.12 -2.02 0.00	26.10 -1.72 0.00	29.90 -1.87 0.00	25.80 -2.04 1.56	32.86 -2.80 6.32	33.46 -4.05 7.86	35.94 -5.36 10.46	47.48 -10.37 12.33	88.04 -10.37 17.27	36.42 -3.77 2.37	41.17 -4.06 0.00	29.57 -3.96 7.88	24.73 -2.91 7.33
KNTFSRNC_46_KV_46KV_LOAD 80397	53.84 1.17 0.00	47.23 1.13 -0.28	39.79 1.01 -0.34	38.20 0.82 0.00	36.27 0.53 0.00	32.98 0.45 0.00	40.90 0.41 0.00	50.53 0.21 0.00	46.33 0.14 0.00	41.54 0.43 -1.68	39.47 0.61 -0.03	34.67 0.53 0.00	28.54 0.71 0.00	32.70 0.93 0.00	30.09 0.69 0.00	42.95 0.98 0.00	46.40 1.03 0.00	52.45 0.69 0.00	66.91 0.15 0.00	116.73 1.05 0.00	42.46 -0.10 0.00	45.25 0.03 0.00	41.67 0.27 0.00	34.89 -0.08 0.00
LACHUTE__HYDRO 323717	55.06 2.39 0.00	48.04 2.23 0.00	40.35 1.91 0.00	39.62 2.25 0.00	38.39 2.65 0.00	35.44 2.90 0.00	44.48 3.99 0.00	55.08 4.76 0.00	49.88 3.69 0.00	41.60 2.16 0.00	40.66 1.82 0.00	35.97 1.87 0.04	28.58 0.87 0.11	32.36 0.81 0.22	30.21 0.81 0.00	43.58 1.61 0.00	49.13 3.75 0.00	57.02 5.27 0.00	73.08 6.32 0.00	125.59 9.91 0.00	45.69 3.14 0.00	48.49 3.26 0.00	44.42 3.01 0.00	37.59 2.61 0.00
LAWRNCV_115KV_TB1 80681	53.64 0.97 0.00	60.78 0.94 -14.02	56.54 0.95 -17.15	38.27 0.90 0.00	36.42 0.68 0.00	33.11 0.58 0.00	40.96 0.47 0.00	50.83 0.52 0.00	46.52 0.33 0.00	125.04 0.49 -85.12	40.90 0.41 -1.66	34.58 0.44 0.00	28.36 0.53 0.00	32.44 0.67 0.00	29.96 0.55 0.00	42.88 0.91 0.00	45.61 0.24 0.00	51.31 -0.44 0.00	65.52 -1.24 0.00	114.56 -1.12 0.00	42.03 -0.53 -0.01	44.73 -0.50 0.00	41.39 -0.02 0.00	34.84 -0.14 0.00
LEDERLE____ 23769	53.63 0.96 0.00	46.93 1.11 0.00	39.29 0.85 0.00	38.12 0.75 0.00	36.58 0.84 0.00	33.44 0.91 0.00	41.51 1.02 0.00	51.55 1.23 0.00	47.34 1.16 0.00	40.62 1.18 0.00	40.00 1.17 0.00	35.32 1.01 -0.16	29.18 0.89 -0.47	33.77 1.07 -0.93	30.51 1.11 0.00	43.79 1.32 -0.49	47.71 1.71 -0.62	53.89 2.14 0.00	69.85 3.09 0.00	120.36 4.68 0.00	44.18 1.62 0.00	46.88 1.65 0.00	42.96 1.55 0.00	36.18 1.20 0.00
LIGHTHSE_115KV_TB6 355974	51.85 -0.82 0.00	47.28 -0.73 -2.20	40.59 -0.53 -2.69	36.91 -0.47 0.00	35.29 -0.45 0.00	32.22 -0.31 0.00	39.85 -0.64 0.00	49.28 -1.03 0.00	45.02 -1.17 0.00	51.63 -1.14 -13.33	37.85 -1.24 -0.26	32.92 -1.22 0.00	26.83 -0.99 0.00	30.87 -0.91 0.00	28.56 -0.84 0.00	41.34 -0.63 0.00	43.91 -1.47 0.00	50.24 -1.51 0.00	65.01 -1.75 0.00	113.14 -2.54 0.00	41.51 -1.05 0.00	43.92 -1.30 0.00	40.25 -1.15 0.00	33.64 -1.33 0.00
LINDEN COGEN____ 23786	53.74 1.07 0.00	47.08 1.26 0.00	39.38 0.94 0.00	38.20 0.83 0.00	36.66 0.92 0.00	33.56 1.03 0.00	41.56 1.08 0.00	51.58 1.26 0.00	47.45 1.27 0.00	40.76 1.33 0.00	40.18 1.35 0.00	35.49 1.17 -0.17	29.40 1.07 -0.50	34.00 1.23 -1.00	30.69 1.28 0.00	43.94 1.44 -0.52	47.88 1.84 -0.67	54.00 2.24 0.00	69.97 3.22 0.00	120.62 4.94 0.00	44.28 1.73 0.00	46.99 1.76 0.00	43.05 1.64 0.00	36.28 1.30 0.00
LINDHRST_69_KV_BK1 356055	54.19 1.52 0.00	47.56 1.74 0.00	39.83 1.39 0.00	38.66 1.29 0.00	37.02 1.28 0.00	33.93 1.40 0.00	41.88 1.39 0.00	51.88 1.56 0.00	47.61 1.42 0.00	40.86 1.43 0.00	40.46 1.63 0.00	35.62 1.30 -0.17	29.46 1.14 -0.50	34.17 1.40 -1.00	30.95 1.55 0.00	44.67 2.17 -0.53	48.56 2.52 -0.67	54.82 3.06 0.00	70.87 4.11 0.00	122.63 6.95 0.00	45.08 2.53 0.00	48.23 3.00 0.00	44.17 2.76 0.00	37.10 2.12 0.00
LIPA_MISC_IPP 23656	53.49 0.82 0.00	47.14 1.31 0.00	39.51 1.08 0.00	38.44 1.07 0.00	36.70 0.96 0.00	33.62 1.08 0.00	41.48 0.99 0.00	51.18 0.86 0.00	46.97 0.78 0.00	40.32 0.89 0.00	40.00 1.17 0.00	35.14 0.83 -0.17	29.17 0.84 -0.50	33.74 0.97 -1.00	30.53 1.13 0.00	44.00 1.50 -0.53	47.93 1.89 -0.67	53.89 2.13 0.00	69.79 3.03 0.00	121.09 5.42 0.00	44.55 1.99 0.00	48.08 2.85 0.00	44.03 2.63 0.00	36.98 2.00 0.00
LISF__SOLAR 323691	53.61 0.94 0.00	47.20 1.38 0.00	39.58 1.14 0.00	38.51 1.13 0.00	36.74 1.00 0.00	33.66 1.13 0.00	41.58 1.09 0.00	51.28 0.96 0.00	47.04 0.86 0.00	40.36 0.93 0.00	40.02 1.19 0.00	35.14 0.83 -0.17	29.17 0.84 -0.50	33.75 0.98 -1.00	30.55 1.15 0.00	44.04 1.54 -0.53	47.97 1.93 -0.67	53.96 2.21 0.00	69.89 3.13 0.00	121.29 5.61 0.00	44.63 2.07 0.00	48.18 2.96 0.00	44.10 2.69 0.00	37.02 2.05 0.00

LITTLE FALLS___HYD 24013	52.47 -0.20 0.00	45.84 -0.34 -0.36	38.27 -0.61 -0.44	36.82 -0.55 0.00	35.42 -0.32 0.00	32.35 -0.17 0.00	40.42 -0.06 0.00	50.14 -0.17 0.00	45.64 -0.54 0.00	41.13 -0.47 -2.17	38.16 -0.72 -0.04	33.24 -0.90 0.00	26.61 -1.21 0.00	30.04 -1.73 0.00	28.13 -1.28 0.00	41.01 -0.96 0.00	45.08 -0.29 0.00	51.91 0.15 0.00	67.29 0.54 0.00	116.05 0.37 0.00	42.72 0.16 0.00	45.61 0.39 0.00	41.82 0.41 0.00	35.27 0.29 0.00
LITTLRIV_115KV_TB1 356100	54.27 1.60 0.00	60.69 1.47 -13.41	56.22 1.39 -16.40	38.74 1.37 0.00	36.88 1.14 0.00	33.56 1.03 0.00	41.56 1.07 0.00	51.66 1.35 0.00	47.21 1.03 0.00	121.89 1.08 -81.37	41.30 0.88 -1.59	35.05 0.91 0.00	28.77 0.94 0.00	32.90 1.13 0.00	30.39 0.98 0.00	43.52 1.55 0.00	46.25 0.88 0.00	52.01 0.26 0.00	66.45 -0.31 0.00	116.30 0.62 0.00	42.64 0.08 -0.01	45.32 0.10 0.00	41.93 0.52 0.00	35.29 0.31 0.00
LI_NEWBRDGE___DRP 323616	53.47 0.80 0.00	46.95 1.13 0.00	39.31 0.87 0.00	38.17 0.80 0.00	36.56 0.82 0.00	33.50 0.98 0.00	41.33 0.84 0.00	51.20 0.88 0.00	46.99 0.81 0.00	40.37 0.94 0.00	39.87 1.04 0.00	35.17 0.85 -0.17	29.11 0.78 -0.50	33.72 0.95 -1.00	30.48 1.08 0.00	43.85 1.35 -0.53	47.74 1.70 -0.67	53.84 2.08 0.00	69.56 2.80 0.00	120.14 4.46 0.00	44.17 1.62 0.00	47.17 1.94 0.00	43.25 1.85 0.00	36.40 1.42 0.00
LOCKPORT_115KV_TB60_63_64 80432	50.46 -2.21 0.00	43.22 -2.60 0.00	36.22 -2.22 0.00	35.08 -2.29 0.00	33.17 -2.57 0.00	29.45 -3.09 0.00	36.99 -3.50 0.00	41.28 -4.06 4.97	43.83 -2.36 0.00	36.45 -2.99 0.00	35.90 -2.93 0.00	32.19 -1.96 0.00	26.09 -1.73 0.00	29.90 -1.87 0.00	25.45 -2.08 1.88	31.57 -2.78 7.62	31.70 -4.19 9.48	33.45 -5.68 12.62	44.44 -7.44 14.88	83.91 -10.92 20.85	35.77 -3.93 2.86	40.94 -4.29 0.00	27.82 -4.08 9.51	23.28 -2.85 8.85
LOCKPORT___CC1 323769	16.29 -2.19 34.18	25.77 -2.52 17.53	17.91 -2.12 18.41	22.77 -2.24 12.36	21.36 -2.58 11.80	29.38 -3.15 0.00	17.31 -3.56 19.62	24.32 -4.00 21.99	19.67 -2.53 23.99	36.43 -3.01 0.00	35.86 -2.97 0.00	32.14 -2.00 0.00	26.08 -1.75 0.00	29.88 -1.89 0.00	25.27 -2.11 2.03	30.96 -2.80 8.21	30.98 -4.18 10.21	29.26 -5.59 16.91	43.35 -7.39 16.02	74.33 -10.87 30.47	28.12 -3.96 10.48	32.39 -4.41 8.43	24.67 -4.03 12.71	22.57 -2.87 9.53
LOCKPORT___CC2 323770	16.29 -2.19 34.18	25.77 -2.52 17.53	17.91 -2.12 18.41	22.77 -2.24 12.36	21.36 -2.58 11.80	29.38 -3.15 0.00	17.31 -3.56 19.62	24.32 -4.00 21.99	19.67 -2.53 23.99	36.43 -3.01 0.00	35.86 -2.97 0.00	32.14 -2.00 0.00	26.08 -1.75 0.00	29.88 -1.89 0.00	25.27 -2.11 2.03	30.96 -2.80 8.21	30.98 -4.18 10.21	29.26 -5.59 16.91	43.35 -7.39 16.02	74.33 -10.87 30.47	28.12 -3.96 10.48	32.39 -4.41 8.43	24.67 -4.03 12.71	22.57 -2.87 9.53
LOCKPORT___CC3 323771	16.29 -2.19 34.18	25.77 -2.52 17.53	17.91 -2.12 18.41	22.77 -2.24 12.36	21.36 -2.58 11.80	29.38 -3.15 0.00	17.31 -3.56 19.62	24.32 -4.00 21.99	19.67 -2.53 23.99	36.43 -3.01 0.00	35.86 -2.97 0.00	32.14 -2.00 0.00	26.08 -1.75 0.00	29.88 -1.89 0.00	25.27 -2.11 2.03	30.96 -2.80 8.21	30.98 -4.18 10.21	29.26 -5.59 16.91	43.35 -7.39 16.02	74.33 -10.87 30.47	28.12 -3.96 10.48	32.39 -4.41 8.43	24.67 -4.03 12.71	22.57 -2.87 9.53
LOCUSVLY_69_KV_BK2 55797	54.01 1.34 0.00	47.37 1.55 0.00	39.65 1.22 0.00	38.49 1.12 0.00	36.90 1.16 0.00	33.79 1.26 0.00	41.74 1.26 0.00	51.75 1.43 0.00	47.44 1.25 0.00	40.73 1.29 0.00	40.30 1.47 0.00	35.55 1.23 -0.17	29.43 1.10 -0.50	34.08 1.31 -1.00	30.81 1.40 0.00	44.28 1.79 -0.53	48.19 2.16 -0.67	54.35 2.60 0.00	70.18 3.42 0.00	121.13 5.46 0.00	44.53 1.98 0.00	47.57 2.34 0.00	43.60 2.20 0.00	36.69 1.71 0.00
LONG LAKE PHOENIX 24014	50.93 -1.74 0.00	44.88 -1.61 -0.66	37.89 -1.36 -0.81	36.07 -1.31 0.00	34.50 -1.24 0.00	31.41 -1.12 0.00	39.19 -1.30 0.00	48.79 -1.52 0.00	44.87 -1.31 0.00	42.27 -1.19 -4.03	37.74 -1.17 -0.08	33.11 -1.03 0.00	26.97 -0.86 0.00	30.83 -0.94 0.00	28.52 -0.88 0.00	40.73 -1.24 0.00	43.88 -1.49 0.00	50.17 -1.59 0.00	64.82 -1.94 0.00	112.34 -3.34 0.00	41.32 -1.23 0.00	43.83 -1.40 0.00	40.03 -1.38 0.00	33.77 -1.20 0.00
LOVETT___3 23632	53.39 0.72 0.00	46.73 0.91 0.00	39.13 0.69 0.00	37.97 0.60 0.00	36.44 0.70 0.00	33.32 0.78 0.00	41.33 0.84 0.00	51.29 0.98 0.00	47.11 0.92 0.00	40.41 0.98 0.00	39.80 0.97 0.00	35.14 0.83 -0.16	29.05 0.75 -0.48	33.60 0.89 -0.95	30.36 0.96 0.00	43.53 1.06 -0.50	47.45 1.45 -0.63	53.59 1.84 0.00	69.43 2.67 0.00	119.66 3.99 0.00	43.93 1.37 0.00	46.63 1.41 0.00	42.76 1.35 0.00	36.02 1.05 0.00
LOVETT___4 23642	53.39 0.72 0.00	46.73 0.91 0.00	39.13 0.69 0.00	37.97 0.60 0.00	36.44 0.70 0.00	33.32 0.78 0.00	41.33 0.84 0.00	51.29 0.98 0.00	47.11 0.92 0.00	40.41 0.98 0.00	39.80 0.97 0.00	35.14 0.83 -0.16	29.05 0.75 -0.48	33.60 0.89 -0.95	30.36 0.96 0.00	43.53 1.06 -0.50	47.45 1.45 -0.63	53.59 1.84 0.00	69.43 2.67 0.00	119.66 3.99 0.00	43.93 1.37 0.00	46.63 1.41 0.00	42.76 1.35 0.00	36.02 1.05 0.00
LOVETT___5 23593	53.39 0.72 0.00	46.73 0.91 0.00	39.13 0.69 0.00	37.97 0.60 0.00	36.44 0.70 0.00	33.32 0.78 0.00	41.33 0.84 0.00	51.29 0.98 0.00	47.11 0.92 0.00	40.41 0.98 0.00	39.80 0.97 0.00	35.14 0.83 -0.16	29.05 0.75 -0.48	33.60 0.89 -0.95	30.36 0.96 0.00	43.53 1.06 -0.50	47.45 1.45 -0.63	53.59 1.84 0.00	69.43 2.67 0.00	119.66 3.99 0.00	43.93 1.37 0.00	46.63 1.41 0.00	42.76 1.35 0.00	36.02 1.05 0.00
LOWER RAQUET___HYD 24057	53.55 0.87 0.00	59.53 0.88 -12.83	55.02 0.90 -15.69	38.23 0.86 0.00	36.37 0.63 0.00	33.07 0.54 0.00	40.88 0.39 0.00	50.73 0.42 0.00	46.42 0.24 0.00	117.69 0.40 -77.85	40.66 0.31 -1.52	34.48 0.34 0.00	28.29 0.46 0.00	32.36 0.59 0.00	29.90 0.49 0.00	42.80 0.83 0.00	45.43 0.06 0.00	51.08 -0.68 0.00	65.17 -1.59 0.00	114.05 -1.63 0.00	41.82 -0.74 -0.01	44.53 -0.69 0.00	41.26 -0.15 0.00	34.72 -0.25 0.00
LOWER___HUDSON 24059	53.33 0.66 0.00	46.44 0.62 0.00	38.96 0.53 0.00	37.98 0.61 0.00	36.48 0.74 0.00	33.26 0.73 0.00	41.38 0.89 0.00	51.27 0.96 0.00	46.95 0.77 0.00	39.95 0.51 0.00	39.27 0.44 0.00	34.27 0.18 0.05	27.68 0.00 0.14	31.29 -0.19 0.28	29.35 -0.06 0.00	41.86 0.04 0.15	45.90 0.71 0.19	52.93 1.17 0.00	68.32 1.57 0.00	117.92 2.25 0.00	43.33 0.78 0.00	46.22 0.99 0.00	42.34 0.93 0.00	35.82 0.84 0.00
LOWVILLE_115KV_TB2 356335	53.28 0.61 0.00	50.25 0.56 -3.87	43.75 0.58 -4.74	38.01 0.63 0.00	36.24 0.50 0.00	33.04 0.51 0.00	40.29 -0.20 0.00	49.73 -0.59 0.00	45.30 -0.89 0.00	62.07 -0.88 -23.52	38.22 -1.07 -0.46	33.04 -1.10 0.00	26.94 -0.88 0.00	31.05 -0.72 0.00	28.85 -0.56 0.00	41.87 -0.10 0.00	44.14 -1.23 0.00	50.30 -1.45 0.00	65.37 -1.40 0.00	114.08 -1.59 0.00	41.84 -0.72 0.00	44.13 -1.09 0.00	40.58 -0.83 0.00	33.81 -1.17 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	54.10 1.43 0.00	47.12 1.30 0.00	39.52 1.09 0.00	38.51 1.13 0.00	36.98 1.24 0.00	33.76 1.22 0.00	42.07 1.59 0.00	52.21 1.90 0.00	47.73 1.54 0.00	40.61 1.18 0.00	39.84 1.01 0.00	34.89 0.80 0.04	28.08 0.38 0.12	31.77 0.23 0.23	29.75 0.35 0.00	42.77 0.80 0.00	46.94 1.57 0.00	53.90 2.14 0.00	69.58 2.82 0.00	120.14 4.46 0.00	44.12 1.56 0.00	46.94 1.71 0.00	42.95 1.54 0.00	36.31 1.33 0.00
LUTHERNY_35_KV_BK2 355980	54.12 1.46 0.00	47.14 1.32 0.00	39.54 1.10 0.00	38.52 1.15 0.00	36.99 1.25 0.00	33.77 1.24 0.00	42.09 1.60 0.00	52.25 1.94 0.00	47.76 1.57 0.00	40.65 1.22 0.00	39.86 1.03 0.00	34.92 0.82 0.04	28.10 0.39 0.12	31.79 0.25 0.23	29.77 0.37 0.00	42.80 0.83 0.00	46.97 1.60 0.00	53.94 2.18 0.00	69.64 2.88 0.00	120.23 4.55 0.00	44.16 1.61 0.00	46.96 1.74 0.00	42.97 1.56 0.00	36.32 1.34 0.00
LWR__OSWEGATCHIE_HYD 23850	52.94 0.27 0.00	54.97 0.31 -8.85	49.66 0.41 -10.82	37.79 0.42 0.00	36.00 0.26 0.00	32.80 0.27 0.00	40.30 -0.18 0.00	49.86 -0.45 0.00	45.49 -0.69 0.00	92.61 -0.52 -53.69	39.22 -0.66 -1.05	33.52 -0.63 0.00	27.42 -0.40 0.00	31.49 -0.28 0.00	29.16 -0.24 0.00	42.09 0.12 0.00	44.49 -0.88 0.00	50.33 -1.43 0.00	64.75 -2.02 0.00	113.02 -2.66 0.00	41.43 -1.12 0.00	43.97 -1.26 0.00	40.61 -0.80 0.00	33.96 -1.01 0.00
LYONS_FALL_HYD 23570	53.35 0.68 0.00	48.99 0.59 -2.58	42.14 0.55 -3.16	37.96 0.59 0.00	36.24 0.50 0.00	33.04 0.52 0.00	40.67 0.19 0.00	50.34 0.03 0.00	45.99 -0.20 0.00	54.84 -0.27 -15.67	38.75 -0.39 -0.31	33.69 -0.45 0.00	27.45 -0.37 0.00	31.55 -0.22 0.00	29.30 -0.11 0.00	42.25 0.29 0.00	44.96 -0.41 0.00	51.30 -0.45 0.00	66.54 -0.22 0.00	115.84 0.16 0.00	42.48 -0.08 0.00	44.92 -0.31 0.00	41.20 -0.20 0.00	34.47 -0.51 0.00
MADISON__COUNTY_LFGE 323628	53.63 0.96 0.00	47.33 0.73 -0.78	39.99 0.60 -0.95	37.97 0.60 0.00	36.29 0.55 0.00	33.10 0.57 0.00	41.26 0.77 0.00	51.30 0.99 0.00	47.10 0.91 0.00	44.84 0.70 -4.71	39.62 0.70 -0.09	34.74 0.60 0.00	28.24 0.42 0.00	32.35 0.58 0.00	29.97 0.56 0.00	42.90 0.93 0.00	46.16 0.79 0.00	52.68 0.93 0.00	68.29 1.53 0.00	118.50 2.82 0.00	43.43 0.87 0.00	46.09 0.86 0.00	42.12 0.72 0.00	35.41 0.44 0.00
MALONE__115KV_TB1 356076	53.70 1.03 0.00	51.49 1.04 -4.63	45.07 0.98 -5.66	38.23 0.86 0.00	36.30 0.56 0.00	33.02 0.49 0.00	40.92 0.43 0.00	50.73 0.41 0.00	46.53 0.66 0.00	68.18 0.75 -28.08	40.13 0.67 -0.55	34.81 0.67 0.00	28.66 0.84 0.00	32.80 1.03 0.00	30.19 0.78 0.00	43.14 1.17 0.00	46.32 0.95 0.00	52.23 0.47 0.00	66.81 0.05 0.00	116.82 1.14 0.00	42.38 -0.18 0.00	45.01 -0.21 0.00	41.49 0.08 0.00	34.72 -0.25 0.00
MAPLEWOD_115KV_TB3 80458	53.46 0.79 0.00	46.55 0.73 0.00	39.06 0.63 0.00	38.07 0.70 0.00	36.54 0.80 0.00	33.28 0.74 0.00	41.43 0.94 0.00	51.36 1.04 0.00	46.98 0.79 0.00	39.97 0.54 0.00	39.40 0.57 0.00	34.38 0.30 0.05	27.84 0.17 0.16	31.44 -0.02 0.31	29.57 0.17 0.00	42.15 0.33 0.15	46.13 0.95 0.19	53.12 1.37 0.00	68.58 1.82 0.00	118.38 2.71 0.00	43.54 0.98 0.00	46.38 1.15 0.00	42.48 1.07 0.00	35.92 0.94 0.00
MAPLE_RIDGE_WT_1 323574	52.47 -0.20 0.00	45.67 -0.14 0.00	38.27 -0.16 0.00	37.07 -0.31 0.00	35.34 -0.40 0.00	32.29 -0.24 0.00	40.35 -0.14 0.00	50.23 -0.08 0.00	46.09 -0.09 0.00	37.77 -0.05 1.61	38.78 -0.03 0.03	34.14 0.00 0.00	27.84 0.02 0.00	31.80 0.03 0.00	29.41 0.01 0.00	41.99 0.02 0.00	45.34 -0.03 0.00	51.62 -0.14 0.00	66.49 -0.27 0.00	115.41 -0.27 0.00	42.40 -0.16 0.00	45.07 -0.15 0.00	41.30 -0.11 0.00	34.85 -0.13 0.00
MAPLE_RIDGE_WT_2 323611	52.47 -0.20 0.00	45.67 -0.14 0.00	38.27 -0.16 0.00	37.07 -0.31 0.00	35.34 -0.40 0.00	32.29 -0.24 0.00	40.35 -0.14 0.00	50.23 -0.08 0.00	46.09 -0.09 1.61	37.77 -0.05 0.03	38.78 -0.03 0.00	34.14 0.00 0.00	27.84 0.02 0.00	31.80 0.03 0.00	29.41 0.01 0.00	41.99 0.02 0.00	45.34 -0.03 0.00	51.62 -0.14 0.00	66.49 -0.27 0.00	115.41 -0.27 0.00	42.40 -0.16 0.00	45.07 -0.15 0.00	41.30 -0.11 0.00	34.85 -0.13 0.00
MARBLE_RIVER_WT_PWR 323696	53.20 0.53 0.00	46.06 0.52 0.28	38.60 0.51 0.35	37.76 0.39 0.00	35.87 0.13 0.00	32.59 0.06 0.00	40.37 -0.12 0.00	49.95 -0.36 0.00	45.79 -0.40 0.00	37.62 -0.09 1.72	38.94 0.14 0.03	34.32 0.18 0.00	28.24 0.42 0.00	32.34 0.57 0.00	29.76 0.35 0.00	42.49 0.52 0.00	45.81 0.44 0.00	51.74 -0.01 0.00	66.16 -0.60 0.00	115.51 -0.17 0.00	41.86 -0.70 0.00	44.60 -0.63 0.00	41.08 -0.33 0.00	34.41 -0.57 0.00
MARSHVLE_115KV_TB1 80742	54.51 1.84 0.00	47.24 1.42 0.00	39.48 1.05 0.00	38.29 0.91 0.00	36.55 0.81 0.00	33.28 0.75 0.00	41.55 1.07 0.00	51.85 1.53 0.00	47.41 1.23 0.00	40.52 1.09 0.00	39.64 0.81 0.00	35.01 0.87 0.00	28.30 0.47 0.00	32.16 0.39 0.00	29.85 0.44 0.00	43.05 1.08 0.00	46.70 1.33 0.00	53.08 1.32 0.00	68.64 1.88 0.00	119.38 3.70 0.00	43.96 1.40 0.00	46.67 1.45 0.00	42.63 1.22 0.00	36.01 1.04 0.00
MARSH_HILL_WT_PWR 323713	60.84 -1.17 -9.34	49.05 -1.56 -4.79	41.94 -1.52 -5.03	38.89 -1.86 -3.37	36.13 -2.83 -3.22	28.76 -3.77 0.00	41.40 -4.45 -5.36	75.34 -5.16 -30.18	48.03 -4.70 -6.55	34.83 -4.61 0.00	34.47 -4.36 0.00	31.11 -3.03 0.00	25.07 -2.76 0.00	28.66 -3.11 0.00	33.77 -3.08 -7.45	67.80 -4.44 -30.28	77.31 -5.50 -37.44	95.61 -5.98 -49.83	118.46 -7.05 -58.75	187.83 -10.17 -82.33	50.46 -3.39 -11.29	41.62 -3.60 0.00	74.69 -4.29 -37.57	66.22 -3.70 -34.95
MCINTYRE_115KV_TB2 80467	54.81 2.14 0.00	62.09 1.94 -14.34	57.77 1.80 -17.54	39.11 1.74 0.00	37.26 1.52 0.00	33.91 1.38 0.00	42.09 1.61 0.00	52.31 2.00 0.00	47.82 1.63 -87.03	127.98 1.52 -1.70	41.77 1.25 0.00	35.43 1.28 0.00	29.05 1.23 0.00	33.24 1.47 0.00	30.66 1.26 0.00	43.98 2.01 0.00	46.97 1.60 0.00	52.87 1.11 0.00	67.58 0.82 0.00	118.39 2.71 0.00	43.40 0.84 -0.01	46.07 0.85 0.00	42.51 1.10 0.00	35.80 0.82 0.00
MECO____69_KV_BK1 80468	55.05 2.38 0.00	47.77 1.95 0.00	39.97 1.54 0.00	38.82 1.45 0.00	37.14 1.40 0.00	33.89 1.36 0.00	42.38 1.89 0.00	52.81 2.49 0.00	48.11 1.93 0.00	41.09 1.66 0.00	40.06 1.23 0.00	35.24 1.10 0.00	28.41 0.59 0.00	31.87 0.10 0.00	29.60 0.20 0.00	43.17 1.20 0.00	47.49 2.12 0.00	54.20 2.44 0.00	70.14 3.38 0.00	121.73 6.05 0.00	44.74 2.19 0.00	47.49 2.26 0.00	43.33 1.92 0.00	36.56 1.59 0.00
MENANDS__115KV_TB5 355628	53.34 0.67 0.00	46.45 0.63 0.00	38.99 0.55 0.00	37.99 0.61 0.00	36.46 0.72 0.00	33.21 0.68 0.00	41.31 0.82 0.00	51.18 0.87 0.00	46.89 0.71 0.00	39.96 0.52 0.00	39.31 0.48 0.00	34.33 0.23 0.05	27.81 0.14 0.15	31.44 -0.02 0.31	29.54 0.14 0.00	42.11 0.29 0.15	45.99 0.81 0.19	52.96 1.20 0.00	68.37 1.62 0.00	117.99 2.31 0.00	43.39 0.84 0.00	46.25 1.03 0.00	42.37 0.96 0.00	35.85 0.87 0.00

MG INDUSTRY___DRP 24185	53.46 0.79 0.00	46.57 0.75 0.00	39.06 0.63 0.00	38.03 0.66 0.00	36.46 0.72 0.00	33.21 0.68 0.00	41.34 0.85 0.00	51.25 0.94 0.00	46.90 0.72 0.00	39.99 0.56 0.00	39.21 0.38 0.00	34.38 0.24 0.00	27.93 0.11 0.00	31.77 0.00 0.00	29.58 0.18 0.00	42.27 0.30 0.00	46.11 0.74 0.00	52.84 1.08 0.00	68.24 1.48 0.00	117.90 2.22 0.00	43.39 0.84 0.00	46.21 0.98 0.00	42.32 0.91 0.00	35.78 0.80 0.00
MID___OSWEGATCHIE_HYD 23849	52.94 0.27 0.00	54.97 0.31 -8.85	49.66 0.41 -10.82	37.79 0.42 0.00	36.00 0.26 0.00	32.80 0.27 0.00	40.30 -0.18 0.00	49.86 -0.45 0.00	45.49 -0.69 0.00	92.61 -0.52 -53.69	39.22 -0.66 -1.05	33.52 -0.63 0.00	27.42 -0.40 0.00	31.49 -0.28 0.00	29.16 -0.24 0.00	42.09 0.12 0.00	44.49 -0.88 0.00	50.33 -1.43 0.00	64.75 -2.02 0.00	113.02 -2.66 0.00	41.43 -1.12 0.00	43.97 -1.26 0.00	40.61 -0.80 0.00	33.96 -1.01 0.00
MID___RAQUETTE_HYD 23851	53.55 0.88 0.00	59.53 0.89 -12.83	55.02 0.90 -15.69	38.23 0.86 0.00	36.37 0.63 0.00	33.07 0.55 0.00	40.88 0.39 0.00	50.73 0.42 0.00	46.39 0.20 0.00	117.69 0.40 -77.85	40.66 0.31 -1.52	34.48 0.34 0.00	28.29 0.46 0.00	32.37 0.60 0.00	29.90 0.49 0.00	42.80 0.83 0.00	45.43 0.06 0.00	51.08 -0.68 0.00	65.19 -1.57 0.00	114.04 -1.64 0.00	41.82 -0.74 -0.01	44.51 -0.71 0.00	41.27 -0.14 0.00	34.72 -0.25 0.00
MILLIKEN___1 23584	53.05 0.38 0.00	45.98 0.16 0.00	38.51 0.08 0.00	37.39 0.02 0.00	35.69 -0.05 0.00	32.48 -0.06 0.00	40.58 0.10 0.00	52.27 0.26 -1.70	46.50 0.32 0.00	39.63 0.20 0.00	39.05 0.22 0.00	34.30 0.16 0.00	27.76 -0.06 0.00	31.75 -0.02 0.00	30.02 0.08 -0.54	44.17 0.07 -2.14	47.70 -0.32 -2.65	55.08 -0.20 -3.52	71.08 0.16 -4.16	121.96 0.46 -5.82	43.61 0.26 -0.80	45.46 0.24 0.00	44.12 0.05 -2.66	37.43 -0.02 -2.47
MILLIKEN___2 23585	53.05 0.38 0.00	45.98 0.16 0.00	38.51 0.08 0.00	37.39 0.02 0.00	35.69 -0.05 0.00	32.48 -0.06 0.00	40.58 0.10 0.00	52.27 0.26 -1.70	46.50 0.32 0.00	39.63 0.20 0.00	39.05 0.22 0.00	34.30 0.16 0.00	27.76 -0.06 0.00	31.75 -0.02 0.00	30.02 0.08 -0.54	44.17 0.07 -2.14	47.70 -0.32 -2.65	55.08 -0.20 -3.52	71.08 0.16 -4.16	121.96 0.46 -5.82	43.61 0.26 -0.80	45.46 0.24 0.00	44.12 0.05 -2.66	37.43 -0.02 -2.47
MILLIKEN___DIESEL 23629	53.05 0.38 0.00	45.98 0.16 0.00	38.51 0.08 0.00	37.39 0.02 0.00	35.69 -0.05 0.00	32.48 -0.06 0.00	40.58 0.10 0.00	52.27 0.26 -1.70	46.50 0.32 0.00	39.63 0.20 0.00	39.05 0.22 0.00	34.30 0.16 0.00	27.76 -0.06 0.00	31.75 -0.02 0.00	30.02 0.08 -0.54	44.17 0.07 -2.14	47.70 -0.32 -2.65	55.08 -0.20 -3.52	71.08 0.16 -4.16	121.96 0.46 -5.82	43.61 0.26 -0.80	45.46 0.24 0.00	44.12 0.05 -2.66	37.43 -0.02 -2.47
MILLSEAT___LFGE 323607	22.89 -1.42 28.35	29.53 -1.75 14.54	21.70 -1.48 15.25	25.57 -1.57 10.23	24.14 -1.84 9.77	30.26 -2.27 0.00	21.81 -2.44 16.24	32.46 -2.56 15.29	25.07 -1.26 19.85	37.53 -1.91 0.00	37.00 -1.84 0.00	33.13 -1.02 0.00	26.77 -1.05 0.00	30.76 -1.01 0.00	26.66 -1.20 1.55	34.06 -1.63 6.28	34.65 -2.91 7.81	34.33 -4.07 13.36	49.29 -5.21 12.26	84.32 -7.03 24.33	31.01 -2.60 8.95	34.71 -3.01 7.51	28.58 -2.79 10.04	25.74 -1.95 7.29
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	53.52 0.85 0.00	46.87 1.05 0.00	39.24 0.80 0.00	38.08 0.71 0.00	36.55 0.81 0.00	33.44 0.90 0.00	41.45 0.96 0.00	51.45 1.13 0.00	47.25 1.06 0.00	40.53 1.09 0.00	39.93 1.10 0.00	35.25 0.93 -0.17	29.16 0.83 -0.50	33.74 0.98 -0.99	30.44 1.04 0.00	43.68 1.18 -0.53	47.62 1.58 -0.66	53.77 2.01 0.00	69.63 2.87 0.00	120.03 4.35 0.00	44.07 1.51 0.00	46.78 1.55 0.00	42.90 1.49 0.00	36.14 1.17 0.00
MILLWOOD_13_KV_LOAD 356217	53.63 0.96 0.00	46.95 1.14 0.00	39.31 0.87 0.00	38.15 0.77 0.00	36.61 0.87 0.00	33.49 0.96 0.00	41.53 1.05 0.00	51.55 1.24 0.00	47.35 1.16 0.00	40.60 1.16 0.00	40.00 1.17 0.00	35.31 1.00 -0.17	29.20 0.88 -0.50	33.81 1.05 -0.99	30.50 1.09 0.00	43.77 1.28 -0.53	47.73 1.70 -0.66	53.87 2.12 0.00	69.79 3.03 0.00	120.35 4.67 0.00	44.17 1.62 0.00	46.88 1.66 0.00	42.98 1.58 0.00	36.21 1.24 0.00
MODEL_CITY_ENERGY 24167	16.03 -2.81 33.83	25.50 -2.97 17.35	17.70 -2.52 18.22	22.55 -2.59 12.23	21.17 -2.89 11.68	29.13 -3.40 0.00	17.03 -4.04 19.42	26.71 -4.63 18.98	19.39 -3.06 23.73	36.02 -3.41 0.00	35.46 -3.37 0.00	31.78 -2.36 0.00	25.78 -2.04 0.00	29.54 -2.24 0.00	25.02 -2.40 1.99	30.73 -3.16 8.08	30.73 -4.59 10.05	28.81 -6.07 16.88	42.94 -8.05 15.76	72.99 -12.13 30.56	27.29 -4.43 10.84	31.43 -4.89 8.90	24.38 -4.34 12.68	22.53 -3.07 9.38
MODERN_LFGE___ 323580	16.03 -2.81 33.83	25.50 -2.97 17.35	17.70 -2.52 18.22	22.55 -2.59 12.23	21.17 -2.89 11.68	29.13 -3.40 0.00	17.03 -4.04 19.42	26.71 -4.63 18.98	19.39 -3.06 23.73	36.02 -3.41 0.00	35.46 -3.37 0.00	31.78 -2.36 0.00	25.78 -2.04 0.00	29.54 -2.24 0.00	25.02 -2.40 1.99	30.73 -3.16 8.08	30.73 -4.59 10.05	28.81 -6.07 16.88	42.94 -8.05 15.76	72.99 -12.13 30.56	27.29 -4.43 10.84	31.43 -4.89 8.90	24.38 -4.34 12.68	22.53 -3.07 9.38
MOHAWK_PAPER___DRP 24187	53.46 0.79 0.00	46.55 0.73 0.00	39.06 0.63 0.00	38.07 0.70 0.00	36.54 0.80 0.00	33.28 0.74 0.00	41.43 0.94 0.00	51.36 1.04 0.00	46.98 0.79 0.00	39.97 0.54 0.00	39.40 0.57 0.00	34.38 0.30 0.05	27.84 0.17 0.16	31.44 -0.02 0.31	29.57 0.17 0.00	42.15 0.33 0.15	46.13 0.95 0.19	53.12 1.37 0.00	68.58 1.82 0.00	118.38 2.71 0.00	43.54 0.98 0.00	46.38 1.15 0.00	42.48 1.07 0.00	35.92 0.94 0.00
MOHICAN_35_KV_115KV_LD 80490	54.43 1.76 0.00	47.42 1.60 0.00	39.76 1.32 0.00	38.80 1.42 0.00	37.33 1.59 0.00	34.15 1.62 0.00	42.64 2.15 0.00	52.92 2.60 0.00	48.27 2.08 0.00	40.91 1.48 0.00	40.12 1.28 0.00	35.19 1.08 0.04	28.23 0.52 0.11	31.91 0.37 0.23	29.89 0.48 0.00	43.11 1.15 0.00	47.60 2.23 0.00	54.75 2.99 0.00	70.57 3.81 0.00	121.75 6.07 0.00	44.62 2.06 0.00	47.45 2.22 0.00	43.39 1.99 0.00	36.69 1.71 0.00
MONGAUP___HYD 23641	53.61 0.94 0.00	46.81 0.99 0.00	39.18 0.75 0.00	38.03 0.66 0.00	36.47 0.73 0.00	33.35 0.82 0.00	41.49 1.00 0.00	51.54 1.23 0.00	47.27 1.09 0.00	40.20 0.77 0.00	39.34 0.51 0.00	34.67 0.38 -0.14	28.60 0.36 -0.42	33.05 0.46 -0.83	30.01 0.60 0.00	43.32 0.92 -0.44	47.11 1.19 -0.55	53.30 1.54 0.00	69.36 2.60 0.00	119.89 4.21 0.00	44.05 1.50 0.00	46.75 1.53 0.00	42.77 1.36 0.00	36.04 1.06 0.00
MONTAUK___DIESEL 23721	53.82 1.15 0.00	48.15 2.34 0.00	40.38 1.95 0.00	39.32 1.95 0.00	37.50 1.76 0.00	34.36 1.83 0.00	42.51 2.03 0.00	52.49 2.18 0.00	48.13 1.94 0.00	41.17 1.74 0.00	40.79 1.96 0.00	35.73 1.42 -0.17	29.63 1.31 -0.50	34.28 1.51 -1.00	31.07 1.67 0.00	44.78 2.29 -0.53	48.92 2.88 -0.67	55.04 3.29 0.00	71.41 4.66 0.00	124.11 8.43 0.00	45.60 3.04 0.00	49.24 4.01 0.00	45.03 3.62 0.00	37.78 2.80 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	51.36 -1.31 0.00	43.75 -2.07 0.00	36.35 -2.09 0.00	34.81 -2.56 0.00	32.74 -3.00 0.00	29.01 -3.51 0.01	16.54 -3.95 19.99	35.11 -3.80 11.41	44.17 -2.02 0.00	36.87 -2.56 0.00	36.90 -1.93 0.00	33.34 -0.80 0.00	27.01 -0.82 0.00	29.80 -1.97 0.00	24.89 -2.58 1.94	30.33 -3.80 7.84	31.18 -4.44 9.75	33.18 -5.60 12.97	44.06 -7.40 15.30	85.13 -9.11 21.44	36.88 -2.74 2.94	40.92 -4.31 0.00	26.92 -4.70 9.78	22.56 -3.31 9.10
MORRIS_RIDGE___SOLAR 323848	47.01 -1.48 4.17	41.87 -1.81 2.14	34.50 -1.68 2.25	33.99 -1.87 1.51	31.76 -2.54 1.44	29.33 -3.20 0.00	34.32 -3.77 2.40	15.33 -4.32 30.67	39.88 -3.38 2.93	35.90 -3.54 0.00	35.45 -3.38 0.00	31.89 -2.25 0.00	25.87 -1.96 0.00	29.62 -2.16 0.00	15.67 -2.58 11.15	-7.21 -3.75 45.42	-15.59 -4.76 56.20	-28.89 -5.28 75.36	-28.00 -6.58 88.18	-19.54 -10.27 124.95	20.97 -3.37 18.22	40.13 -3.65 1.45	-19.44 -4.04 56.81	-20.80 -3.32 52.45
MORTIMER_115KV_TB3 55949	51.60 -1.07 0.00	44.50 -1.32 0.00	37.33 -1.11 0.00	36.23 -1.14 0.00	34.49 -1.25 0.00	31.10 -1.43 0.00	39.12 -1.37 0.00	48.91 -1.40 0.00	45.59 -0.60 0.00	38.44 -0.99 0.00	37.86 -0.97 0.00	33.60 -0.54 0.00	27.30 -0.52 0.00	31.28 -0.49 0.00	28.79 -0.61 0.00	41.07 -0.92 -0.02	43.75 -1.62 0.00	49.58 -2.18 0.00	63.99 -2.77 0.00	111.93 -3.75 0.00	41.17 -1.39 0.00	43.65 -1.58 0.00	39.71 -1.70 0.00	33.69 -1.29 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	53.88 1.21 0.00	47.21 1.39 0.00	39.53 1.09 0.00	38.35 0.97 0.00	36.80 1.06 0.00	33.68 1.15 0.00	41.72 1.23 0.00	51.78 1.46 0.00	47.61 1.43 0.00	40.87 1.44 0.00	40.29 1.46 0.00	35.57 1.25 -0.17	29.45 1.13 -0.50	34.07 1.30 -1.00	30.76 1.35 0.00	44.09 1.59 -0.53	48.04 2.00 -0.67	54.19 2.43 0.00	70.15 3.39 0.00	120.98 5.30 0.00	44.41 1.85 0.00	47.13 1.90 0.00	43.22 1.81 0.00	36.41 1.43 0.00
MUNSVILLE_WIND_PWR 323609	64.68 2.69 -9.32	52.76 2.17 -4.78	45.15 1.70 -5.02	41.95 1.21 -3.37	39.91 0.96 -3.21	33.07 0.54 0.00	46.49 0.65 -5.35	56.32 1.26 -4.75	53.40 0.68 -6.53	40.06 0.63 0.00	39.08 0.25 0.00	34.33 0.19 0.00	27.26 -0.56 0.00	31.16 -0.62 0.00	29.26 -0.49 -0.35	43.08 -0.27 -1.38	46.54 -0.55 -1.72	54.44 -0.57 -3.25	69.72 0.26 -2.70	122.58 0.80 -6.10	46.55 1.33 -2.66	49.32 1.66 -2.44	45.16 1.31 -2.44	36.83 0.25 -1.60
N SALMON___HYD 24042	53.70 1.03 0.00	51.48 1.04 -4.63	45.07 0.98 -5.66	38.23 0.86 0.00	36.30 0.56 0.00	33.02 0.49 0.00	40.92 0.43 0.00	50.74 0.42 0.00	46.56 0.37 0.00	68.18 0.66 -28.08	40.13 0.75 -0.55	34.81 0.67 0.00	28.66 0.84 0.00	32.80 1.03 0.00	30.19 0.78 0.00	43.14 1.17 0.00	46.32 0.95 0.00	52.24 0.48 0.00	66.79 0.03 0.00	116.83 1.15 0.00	42.38 -0.17 0.00	45.03 -0.20 0.00	41.48 0.07 0.00	34.72 -0.26 0.00
N.AKRON___115KV_KNAPP 355671	51.17 -1.50 0.00	43.85 -1.97 0.00	36.75 -1.69 0.00	35.60 -1.77 0.00	33.71 -2.03 0.00	30.03 -2.50 0.00	37.82 -2.67 0.00	42.88 -3.00 4.44	44.74 -1.44 0.00	37.23 -2.20 0.00	36.69 -2.15 0.00	32.87 -1.27 0.00	26.59 -1.23 0.00	30.52 -1.25 0.00	26.27 -1.46 1.68	33.18 -1.98 6.81	33.60 -3.29 8.47	35.86 -4.62 11.28	47.50 -5.97 13.30	88.73 -8.32 18.63	37.00 -3.00 2.56	41.89 -3.34 0.00	29.66 -3.24 8.50	24.83 -2.24 7.91
N.E_GEN_SANDY PD 24062	53.02 0.35 0.00	46.23 0.41 0.00	38.79 0.36 0.00	37.80 0.43 0.00	36.32 0.58 0.00	33.12 0.59 0.00	41.18 0.69 0.00	50.69 0.63 0.25	47.27 0.50 -0.58	39.68 0.32 0.07	39.55 0.29 -0.43	30.97 0.01 3.18	25.18 -0.07 2.58	25.60 -0.23 5.94	29.33 -0.08 0.00	38.01 -0.18 3.78	44.85 0.44 0.96	53.71 0.96 -1.00	68.10 1.34 0.00	117.42 1.74 0.00	43.14 0.59 0.00	46.34 0.82 -0.30	41.96 0.83 0.28	35.73 0.75 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	53.48 0.81 0.00	46.80 0.99 0.00	39.18 0.75 0.00	38.02 0.65 0.00	36.49 0.74 0.00	33.37 0.84 0.00	41.38 0.90 0.00	51.37 1.05 0.00	47.18 1.00 0.00	40.48 1.05 0.00	39.88 1.05 0.00	35.20 0.90 -0.16	29.09 0.79 -0.47	33.66 0.95 -0.94	30.41 1.01 0.00	43.62 1.15 -0.50	47.54 1.55 -0.62	53.71 1.95 0.00	69.58 2.83 0.00	119.89 4.22 0.00	44.03 1.47 0.00	46.72 1.50 0.00	42.83 1.42 0.00	36.08 1.10 0.00
N.QUEENS_27_KV_LOAD 356247	53.85 1.18 0.00	47.21 1.39 0.00	39.56 1.13 0.00	38.36 0.99 0.00	36.84 1.10 0.00	33.74 1.20 -0.01	41.69 1.20 0.00	51.86 1.55 0.00	47.80 1.61 0.00	41.02 1.58 0.00	40.37 1.54 0.00	35.70 1.39 -0.17	29.57 1.25 -0.51	34.13 1.36 -1.00	30.88 1.47 -0.01	44.13 1.64 -0.53	48.08 2.04 -0.67	54.21 2.46 0.00	70.19 3.43 0.00	121.20 5.52 0.00	44.50 1.95 0.00	47.19 1.96 0.00	43.33 1.92 0.00	36.47 1.50 0.00
N.TROY___115KV_TB1 355778	53.33 0.66 0.00	46.43 0.61 0.00	38.96 0.53 0.00	37.99 0.62 0.00	36.48 0.74 0.00	33.26 0.73 0.00	41.38 0.89 0.00	51.27 0.95 0.00	46.95 0.77 0.00	39.95 0.51 0.00	39.27 0.44 0.00	34.27 0.18 0.05	27.68 0.00 0.14	31.29 -0.20 0.28	29.35 -0.06 0.00	41.86 0.05 0.15	45.91 0.72 0.19	52.94 1.18 0.00	68.33 1.57 0.00	117.93 2.25 0.00	43.34 0.78 0.00	46.22 0.99 0.00	42.34 0.93 0.00	35.82 0.84 0.00
NARROWS_GT1_1 24228	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT1_2 24229	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT1_3 24230	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT1_4 24231	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00

NARROWS_GT1_5 24232	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT1_6 24233	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT1_7 24234	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT1_8 24235	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_1 24236	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_2 24237	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_3 24238	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_4 24239	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_5 24240	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_6 24241	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_7 24242	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NARROWS_GT2_8 24243	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	54.34 1.67 0.00	47.27 1.45 0.00	39.65 1.22 0.00	38.62 1.25 0.00	37.06 1.32 0.00	33.79 1.26 0.00	42.20 1.71 0.00	52.47 2.15 0.00	47.99 1.80 0.00	40.62 1.19 0.00	39.83 1.00 0.00	34.71 0.57 0.00	28.21 0.39 0.00	32.06 0.29 0.00	29.91 0.50 0.00	42.65 0.68 0.00	46.98 1.61 0.00	54.00 2.24 0.00	69.83 3.07 0.00	120.64 4.96 0.00	44.35 1.80 0.00	47.15 1.92 0.00	43.12 1.72 0.00	36.40 1.42 0.00
NCHELSEA_115KV_TR2 355582	53.78 1.11 0.00	47.04 1.22 0.00	39.37 0.94 0.00	38.23 0.86 0.00	36.69 0.95 0.00	33.56 1.03 0.00	41.68 1.19 0.00	51.75 1.43 0.00	47.50 1.32 0.00	40.62 1.19 0.00	39.98 1.15 0.00	35.19 0.89 -0.16	29.05 0.77 -0.46	33.63 0.94 -0.92	30.40 0.99 0.00	43.72 1.26 -0.49	47.68 1.69 -0.61	53.95 2.19 0.00	69.92 3.16 0.00	120.68 5.00 0.00	44.29 1.73 0.00	47.00 1.77 0.00	43.04 1.63 0.00	36.26 1.29 0.00
NEG CAPITAL__MECHNVIL 23645	54.13 1.47 0.00	47.13 1.31 0.00	39.54 1.10 0.00	38.52 1.15 0.00	36.99 1.25 0.00	33.78 1.24 0.00	42.10 1.61 0.00	52.23 1.92 0.00	47.77 1.59 0.00	40.65 1.22 0.00	39.89 1.05 0.00	34.92 0.82 0.04	28.11 0.41 0.12	31.78 0.26 0.25	29.78 0.38 0.00	42.81 0.84 0.00	46.98 1.61 0.00	53.94 2.18 0.00	69.64 2.88 0.00	120.25 4.57 0.00	44.15 1.60 0.00	46.98 1.76 0.00	42.99 1.58 0.00	36.32 1.35 0.00

NEG CENTRAL_HIGH_ACRES 23767	40.04 -1.88 10.75	38.39 -1.91 5.51	31.03 -1.61 5.79	31.87 -1.62 3.88	30.38 -1.65 3.71	30.84 -1.69 0.00	32.55 -1.77 6.17	44.13 -1.93 4.25	37.34 -1.31 7.54	38.00 -1.43 0.00	37.43 -1.40 0.00	33.14 -1.00 0.00	26.96 -0.86 0.00	30.86 -0.92 0.00	28.44 -0.97 0.00	40.53 -1.45 0.00	43.34 -2.03 0.00	48.10 -2.52 1.14	63.66 -3.10 0.00	108.29 -4.64 2.75	38.26 -1.75 2.54	40.32 -2.01 2.89	38.55 -2.01 0.85	33.36 -1.62 0.00
NEG CENTRAL___DRP 24199	52.29 -0.38 0.00	45.29 -0.53 0.00	37.92 -0.51 0.00	36.85 -0.52 0.00	35.09 -0.65 0.00	31.83 -0.70 0.00	39.85 -0.64 0.00	51.94 -0.58 -2.20	45.89 -0.30 0.00	39.02 -0.41 0.00	38.43 -0.40 0.00	33.90 -0.24 0.00	27.56 -0.26 0.00	31.50 -0.27 0.00	29.81 -0.32 -0.73	44.33 -0.56 -2.92	47.97 -1.01 -3.61	55.45 -1.11 -4.80	71.42 -1.00 -5.66	122.11 -1.50 -7.94	43.17 -0.47 -1.09	44.63 -0.60 0.00	44.22 -0.82 -3.62	37.65 -0.69 -3.37
NEG CENTRAL___INDECK 23768	53.06 0.39 0.00	45.66 -0.16 0.00	38.19 -0.24 0.00	36.91 -0.46 0.00	34.68 -1.06 0.00	30.51 -2.03 0.00	39.29 -1.20 0.00	71.72 -0.93 -22.33	45.90 -0.29 0.00	38.50 -0.93 0.00	37.94 -0.90 0.00	33.96 -0.18 0.00	27.44 -0.39 0.00	31.50 -0.28 0.00	36.57 -0.55 -7.72	72.25 -1.13 -31.41	81.98 -2.24 -38.85	100.95 -1.96 -51.15	125.47 -2.25 -60.96	197.45 -2.31 -84.08	52.29 -0.74 -10.48	42.90 -0.91 1.41	78.58 -1.39 -38.57	70.07 -1.17 -36.26
NEG CENTRAL___SENECA 23627	52.30 -0.37 0.00	45.22 -0.60 0.00	37.84 -0.60 0.00	36.78 -0.60 0.00	34.96 -0.78 0.00	31.62 -0.91 0.00	39.66 -0.83 0.00	53.02 -0.77 -3.47	45.75 -0.43 0.00	38.86 -0.57 0.00	38.27 -0.56 0.00	33.82 -0.32 0.00	27.47 -0.36 0.00	31.42 -0.35 0.00	30.10 -0.46 -1.15	45.87 -0.73 -4.63	49.77 -1.31 -5.72	57.88 -1.48 -7.61	74.35 -1.38 -8.97	126.32 -1.93 -12.57	43.64 -0.64 -1.72	44.43 -0.79 0.00	46.06 -1.08 -5.74	39.41 -0.90 -5.34
NEG CENTRAL___STATE_STREET 24147	52.65 -0.02 0.00	45.68 -0.14 0.00	38.28 -0.15 0.00	37.14 -0.24 0.00	35.41 -0.33 0.00	32.29 -0.24 0.00	40.38 -0.11 0.00	51.21 0.00 -0.90	46.33 0.14 0.00	39.43 -0.01 0.00	38.85 0.02 0.00	34.19 0.05 0.00	27.81 -0.02 0.00	31.68 -0.09 0.00	29.40 0.00 0.00	41.78 -0.20 -0.01	44.88 -0.50 0.00	51.43 -0.33 0.00	66.67 -0.09 0.00	115.30 -0.37 0.00	42.48 -0.08 0.00	45.13 -0.09 0.00	41.21 -0.20 0.00	34.77 -0.20 0.00
NEG MILLWOOD___DRP 24198	53.89 1.22 0.00	47.15 1.33 0.00	39.47 1.03 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.65 1.12 0.00	41.80 1.31 0.00	51.90 1.59 0.00	47.65 1.46 0.00	40.80 1.37 0.00	40.18 1.35 0.00	35.38 1.08 -0.17	29.25 0.93 -0.49	33.85 1.11 -0.97	30.57 1.17 0.00	43.92 1.44 -0.52	47.92 1.90 -0.65	54.16 2.40 0.00	70.18 3.42 0.00	121.13 5.46 0.00	44.44 1.89 0.00	47.15 1.93 0.00	43.19 1.78 0.00	36.37 1.40 0.00
NEG NORTH_FLCN_SEA 23793	53.75 1.08 0.00	46.84 1.03 0.00	39.33 0.90 0.00	38.12 0.75 0.00	36.17 0.42 0.00	32.84 0.30 0.00	40.67 0.18 0.00	50.12 -0.20 0.00	46.06 -0.12 0.00	39.62 0.19 0.00	39.22 0.39 0.00	34.45 0.31 0.00	28.35 0.53 0.00	32.52 0.75 0.00	29.93 0.52 0.00	42.71 0.74 0.00	46.14 0.77 0.00	52.13 0.37 0.00	66.31 -0.45 0.00	115.66 -0.02 0.00	42.14 -0.42 0.00	45.08 -0.15 0.00	41.57 0.16 0.00	34.83 -0.14 0.00
NEG NORTH_KES_CHATAGAY 23792	53.30 0.63 0.00	48.28 0.62 -1.83	41.28 0.61 -2.25	37.87 0.50 0.00	35.92 0.18 0.00	32.64 0.11 0.00	40.42 -0.07 0.00	50.03 -0.29 0.00	45.85 -0.34 0.00	50.60 0.02 -11.14	39.32 0.27 -0.22	34.38 0.24 0.00	28.37 0.55 0.00	32.48 0.71 0.00	29.86 0.46 0.00	42.61 0.65 0.00	45.96 0.59 0.00	51.90 0.14 0.00	66.40 -0.36 0.00	115.99 0.31 0.00	41.90 -0.66 0.00	44.58 -0.64 0.00	41.11 -0.30 0.00	34.39 -0.59 0.00
NEG NORTH___ALICE_FALLS 23915	53.84 1.17 0.00	47.23 1.13 -0.28	39.79 1.01 -0.34	38.20 0.82 0.00	36.27 0.53 0.00	32.98 0.45 0.00	40.90 0.41 0.00	50.53 0.21 0.00	46.33 0.14 0.00	41.54 0.43 -1.68	39.47 0.61 -0.03	34.67 0.53 0.00	28.54 0.71 0.00	32.70 0.93 0.00	30.09 0.69 0.00	42.95 0.98 0.00	46.40 1.03 0.00	52.45 0.69 0.00	66.91 0.15 0.00	116.73 1.05 0.00	42.46 -0.10 0.00	45.25 0.03 0.00	41.67 0.27 0.00	34.89 -0.08 0.00
NEG NORTH___LWR_SARANAC 23913	53.84 1.17 0.00	47.23 1.13 -0.28	39.79 1.01 -0.34	38.20 0.82 0.00	36.27 0.53 0.00	32.98 0.45 0.00	40.90 0.41 0.00	50.53 0.21 0.00	46.33 0.14 0.00	41.54 0.43 -1.68	39.47 0.61 -0.03	34.67 0.53 0.00	28.54 0.71 0.00	32.70 0.93 0.00	30.09 0.69 0.00	42.95 0.98 0.00	46.40 1.03 0.00	52.45 0.69 0.00	66.91 0.15 0.00	116.73 1.05 0.00	42.46 -0.10 0.00	45.25 0.03 0.00	41.67 0.27 0.00	34.89 -0.08 0.00
NEG NORTH___PLATTSBURG 23628	53.83 1.17 0.00	47.23 1.13 -0.28	39.78 1.01 -0.34	38.20 0.83 0.00	36.27 0.53 0.00	32.98 0.45 0.00	40.90 0.41 0.00	50.53 0.21 0.00	46.35 0.16 0.00	41.54 0.42 -1.68	39.47 0.61 -0.03	34.66 0.52 0.00	28.54 0.71 0.00	32.70 0.93 0.00	30.09 0.68 0.00	42.95 0.98 0.00	46.40 1.03 0.00	52.46 0.70 0.00	66.90 0.14 0.00	116.74 1.06 0.00	42.46 -0.09 0.00	45.27 0.04 0.00	41.67 0.26 0.00	34.89 -0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	50.59 -2.08 0.00	43.30 -2.52 0.00	36.30 -2.13 0.00	35.12 -2.25 0.00	33.15 -2.59 0.00	29.38 -3.15 0.00	37.02 -3.47 0.00	37.86 -3.98 8.47	43.84 -2.35 0.00	36.43 -3.00 0.00	35.86 -2.97 0.00	32.15 -1.99 0.00	26.08 -1.75 0.00	29.87 -1.90 0.00	25.26 -2.12 2.03	30.92 -2.84 8.21	30.92 -4.25 10.21	32.43 -5.74 13.59	43.20 -7.55 16.02	82.18 -11.06 22.45	35.52 -3.95 3.08	40.91 -4.31 0.00	27.02 -4.15 10.24	22.53 -2.92 9.53
NEG WEST___LANCASTER 23811	52.58 -0.09 0.00	45.02 -0.80 0.00	37.78 -0.66 0.00	36.59 -0.78 0.00	34.52 -1.22 0.00	30.68 -1.85 0.00	39.41 -1.73 -0.65	41.76 -1.84 6.72	45.62 -0.56 0.00	38.10 -1.33 0.00	37.60 -1.23 0.00	33.59 -0.55 0.00	27.32 -0.51 0.00	31.33 -0.44 0.00	26.50 -0.88 2.03	32.58 -1.19 8.21	32.76 -2.41 10.20	34.84 -3.35 13.58	46.00 -4.76 16.01	86.83 -6.42 22.43	37.27 -2.21 3.08	42.79 -2.44 0.00	28.52 -2.66 10.23	23.64 -1.82 9.52
NEG_PENN_ALLEGHNY 23528	67.41 -0.42 -15.17	53.11 -0.48 -7.78	46.13 -0.47 -8.17	42.42 -0.43 -5.48	40.44 -0.53 -5.23	31.98 -0.55 0.00	48.58 -0.61 -8.70	55.86 -0.51 -6.05	56.49 -0.43 -10.74	39.08 -0.35 0.00	38.53 -0.30 0.00	33.89 -0.25 0.00	27.56 -0.26 0.00	31.60 -0.17 0.00	29.19 -0.22 0.00	41.65 -0.30 0.01	44.59 -0.78 0.00	52.51 -0.85 -1.61	65.90 -0.86 0.00	117.95 -1.61 -3.87	45.65 -0.48 -3.57	48.74 -0.55 -4.07	41.92 -0.68 -1.19	34.44 -0.54 0.00
NEG___GEN_MONROE 24207	51.85 -0.82 0.00	44.68 -1.14 0.00	37.48 -0.95 0.00	36.37 -1.00 0.00	34.60 -1.15 0.00	31.15 -1.38 0.00	39.21 -1.28 0.00	49.07 -1.24 0.00	45.84 -0.35 0.00	38.56 -0.88 0.00	37.96 -0.87 0.00	33.75 -0.39 0.00	27.38 -0.45 0.00	31.40 -0.37 0.00	28.89 -0.51 0.00	41.19 -0.79 -0.01	43.75 -1.62 0.00	49.55 -2.21 0.00	63.98 -2.78 0.00	112.18 -3.50 0.00	41.26 -1.30 0.00	43.72 -1.51 0.00	39.77 -1.64 0.00	33.78 -1.20 0.00

NEPA__ENERGY 23901	50.90 -1.77 0.00	43.64 -2.18 0.00	36.44 -1.99 0.00	35.40 -1.98 0.00	33.38 -2.36 0.00	29.91 -2.62 0.00	35.87 -3.04 1.58	39.19 -3.47 7.66	43.93 -2.26 0.00	37.04 -2.39 0.00	36.69 -2.14 0.00	32.77 -1.37 0.00	26.65 -1.17 0.00	30.42 -1.36 0.00	25.30 -1.78 2.32	30.12 -2.47 9.38	30.18 -3.54 11.65	31.68 -4.57 15.51	42.76 -5.71 18.29	81.19 -8.86 25.63	36.01 -3.03 3.51	41.73 -3.50 0.00	26.08 -3.64 11.69	21.47 -2.63 10.88
NEVERSINK__HYD 23608	52.94 0.27 0.00	46.56 0.74 0.00	38.99 0.56 0.00	37.88 0.50 0.00	36.35 0.61 0.00	33.26 0.73 0.00	41.38 0.89 0.00	51.44 1.13 0.00	47.72 1.54 0.00	40.73 1.30 0.00	40.00 1.16 0.00	35.16 0.91 -0.11	28.85 0.70 -0.33	33.33 0.90 -0.66	30.43 1.02 0.00	43.93 1.61 -0.35	47.63 1.82 -0.44	54.05 2.29 0.00	70.18 3.42 0.00	120.97 5.29 0.00	44.38 1.83 0.00	47.09 1.87 0.00	43.05 1.63 0.00	36.27 1.30 0.00
NEWKRMKL_115KV_TB1 55635	53.53 0.86 0.00	46.62 0.80 0.00	39.12 0.68 0.00	38.11 0.74 0.00	36.56 0.82 0.00	33.31 0.78 0.00	41.45 0.96 0.00	51.39 1.07 0.00	47.09 0.90 0.00	40.15 0.71 0.00	39.47 0.64 0.00	34.49 0.40 0.05	27.94 0.26 0.14	31.62 0.13 0.28	29.69 0.28 0.00	42.33 0.50 0.14	46.21 1.01 0.18	53.16 1.40 0.00	68.63 1.87 0.00	118.48 2.81 0.00	43.58 1.03 0.00	46.41 1.19 0.00	42.50 1.09 0.00	35.94 0.96 0.00
NEWTON__FALLS_HYD 23847	52.94 0.27 0.00	54.97 0.31 -8.85	49.66 0.41 -10.82	37.79 0.42 0.00	36.00 0.26 0.00	32.80 0.27 0.00	40.30 -0.18 0.00	49.86 -0.45 0.00	45.49 -0.69 0.00	92.61 -0.52 -53.69	39.22 -0.66 -1.05	33.52 -0.63 0.00	27.42 -0.40 0.00	31.49 -0.28 0.00	29.16 -0.24 0.00	42.09 0.12 0.00	44.49 -0.88 0.00	50.33 -1.43 0.00	64.75 -2.02 0.00	113.02 -2.66 0.00	41.43 -1.12 0.00	43.97 -1.26 0.00	40.61 -0.80 0.00	33.96 -1.01 0.00
NGRID_A1_DSASP 323792	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
NGRID_A2_DSASP 323793	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
NGRID_A4_DSASP 323807	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
NIAGARA_115E_LBMP 323715	14.66 -3.07 34.94	24.72 -3.18 17.91	16.90 -2.71 18.82	21.96 -2.77 12.64	20.60 -3.07 12.07	28.95 -3.58 0.00	16.11 -4.31 20.07	25.61 -4.98 19.72	18.30 -3.36 24.53	35.77 -3.67 0.00	35.21 -3.62 0.00	31.55 -2.59 0.00	25.60 -2.22 0.00	29.32 -2.45 0.00	24.78 -2.58 2.05	30.26 -3.41 8.30	30.19 -4.86 10.32	28.00 -6.41 17.35	42.06 -8.50 16.19	71.32 -12.94 31.42	26.68 -4.72 11.15	30.86 -5.20 9.16	23.80 -4.57 13.04	22.12 -3.22 9.63
NIAGARA_115W_LBMP 323714	13.48 -2.97 36.22	24.03 -3.21 18.57	16.27 -2.66 19.50	21.51 -2.77 13.09	20.23 -3.01 12.50	28.95 -3.59 0.00	15.56 -4.15 20.79	24.91 -4.83 20.58	17.49 -3.28 25.41	35.75 -3.68 0.00	35.19 -3.64 0.00	31.51 -2.63 0.00	25.59 -2.23 0.00	29.30 -2.47 0.00	24.76 -2.55 2.10	30.26 -3.22 8.49	30.14 -4.68 10.56	27.81 -6.17 17.78	42.02 -8.17 16.56	71.36 -12.10 32.22	26.42 -4.65 11.49	30.56 -5.20 9.46	23.46 -4.59 13.36	21.75 -3.37 9.85
NIAGARA_230_LBMP 323716	13.66 -2.82 36.19	24.23 -3.03 18.55	16.43 -2.52 19.49	21.69 -2.61 13.08	20.38 -2.88 12.49	29.12 -3.41 0.00	15.83 -3.89 20.77	25.41 -4.43 20.47	17.85 -2.94 25.39	36.12 -3.32 0.00	35.57 -3.26 0.00	31.83 -2.31 0.00	25.86 -1.97 0.00	29.62 -2.16 0.00	25.04 -2.33 2.04	30.61 -3.10 8.27	30.60 -4.49 10.27	28.42 -5.93 17.41	42.78 -7.86 16.12	72.40 -11.67 31.61	26.87 -4.28 11.40	31.05 -4.71 9.47	23.96 -4.37 13.08	22.17 -3.21 9.59
NIAGARA__115KV_198_GIBSON 55903	49.81 -2.86 0.00	42.61 -3.21 0.00	35.77 -2.66 0.00	34.61 -2.76 0.00	32.72 -3.02 0.00	28.94 -3.59 0.00	36.42 -4.07 0.00	39.24 -4.83 6.25	43.15 -3.03 0.00	35.75 -3.68 0.00	35.20 -3.64 0.00	31.51 -2.63 0.00	25.58 -2.24 0.00	29.30 -2.47 0.00	24.75 -2.56 2.10	30.22 -3.26 8.49	30.06 -4.76 10.56	31.41 -6.30 14.05	41.87 -8.32 16.56	80.18 -12.28 23.21	34.71 -4.66 3.18	40.12 -5.11 0.00	26.12 -4.69 10.59	21.71 -3.42 9.85
NIAGARA__ 23760	14.53 -2.82 35.32	24.66 -3.03 18.12	16.88 -2.52 19.04	22.00 -2.61 12.77	20.67 -2.88 12.19	29.12 -3.41 0.00	16.16 -3.89 20.44	25.69 -4.43 20.20	18.22 -2.94 25.03	36.12 -3.32 0.00	35.57 -3.26 0.00	31.83 -2.31 0.00	25.86 -1.97 0.00	29.62 -2.16 0.00	25.03 -2.33 2.05	30.58 -3.10 8.29	30.57 -4.49 10.31	28.41 -5.93 17.42	42.72 -7.86 16.18	72.42 -11.67 31.59	26.95 -4.28 11.32	31.15 -4.71 9.36	23.95 -4.37 13.09	22.13 -3.21 9.63
NINE_MILE_1 23575	51.22 -1.45 0.00	44.47 -1.35 0.00	37.30 -1.13 0.00	36.27 -1.10 0.00	34.67 -1.08 0.00	31.54 -1.00 0.00	39.30 -1.19 0.00	48.91 -1.41 0.00	44.99 -1.20 0.00	38.35 -1.08 0.00	37.77 -1.06 0.00	33.24 -0.90 0.00	27.08 -0.74 0.00	30.94 -0.83 0.00	28.63 -0.78 0.00	40.83 -1.14 0.00	44.01 -1.36 0.00	50.22 -1.53 0.00	64.86 -1.89 0.00	112.46 -3.22 0.00	41.38 -1.18 0.00	43.93 -1.29 0.00	40.19 -1.23 0.00	33.96 -1.02 0.00
NINE_MILE_2 23744	51.23 -1.44 0.00	44.48 -1.34 0.00	37.31 -1.12 0.00	36.27 -1.10 0.00	34.68 -1.07 0.00	31.54 -1.00 0.00	39.31 -1.18 0.00	48.92 -1.40 0.00	44.99 -1.20 0.00	38.35 -1.08 0.00	37.78 -1.06 0.00	33.25 -0.89 0.00	27.09 -0.73 0.00	30.95 -0.82 0.00	28.63 -0.78 0.00	40.83 -1.13 0.00	44.01 -1.36 0.00	50.22 -1.53 0.00	64.87 -1.89 0.00	112.49 -3.19 0.00	41.38 -1.17 0.00	43.94 -1.29 0.00	40.19 -1.22 0.00	33.96 -1.01 0.00
NM_CAPITAL__DRP 24208	53.34 0.67 0.00	46.45 0.63 0.00	38.98 0.55 0.00	37.99 0.61 0.00	36.46 0.72 0.00	33.21 0.68 0.00	41.31 0.82 0.00	51.18 0.87 0.00	46.90 0.71 0.00	39.96 0.53 0.00	39.32 0.48 0.00	34.34 0.25 0.05	27.82 0.15 0.15	31.47 0.00 0.30	29.56 0.16 0.00	42.12 0.30 0.15	45.99 0.81 0.19	52.95 1.19 0.00	68.36 1.61 0.00	117.99 2.31 0.00	43.39 0.84 0.00	46.24 1.02 0.00	42.37 0.96 0.00	35.84 0.86 0.00

NM_CENTRAL__DRP 24181	52.07 -0.60 0.00	45.51 -0.64 -0.33	38.27 -0.56 -0.40	36.83 -0.55 0.00	35.21 -0.53 0.00	32.04 -0.49 0.00	40.00 -0.49 0.00	49.79 -0.53 0.00	45.82 -0.36 0.00	41.05 -0.37 -1.99	38.52 -0.35 -0.04	33.87 -0.27 0.00	27.57 -0.25 0.00	31.55 -0.23 0.00	29.17 -0.24 0.00	41.59 -0.37 0.00	44.80 -0.57 0.00	51.12 -0.64 0.00	66.11 -0.65 0.00	114.60 -1.08 0.00	42.17 -0.39 0.00	44.75 -0.48 0.00	40.86 -0.55 0.00	34.50 -0.47 0.00
NM_FRONTIER__DRP 24179	49.81 -2.86 0.00	42.61 -3.21 0.00	35.77 -2.66 0.00	34.61 -2.76 0.00	32.72 -3.02 0.00	28.94 -3.59 0.00	36.42 -4.07 0.00	39.24 -4.83 6.25	43.15 -3.03 0.00	35.75 -3.68 0.00	35.20 -3.64 0.00	31.51 -2.63 0.00	25.58 -2.24 0.00	29.30 -2.47 0.00	24.75 -2.56 2.10	30.22 -3.26 8.49	30.06 -4.76 10.56	31.41 -6.30 14.05	41.87 -8.32 16.56	80.18 -12.28 23.21	34.71 -4.66 3.18	40.12 -5.11 0.00	26.12 -4.69 10.59	21.71 -3.42 9.85
NM_ST_REGIS__HYD 24053	53.63 0.96 0.00	57.91 0.95 -11.14	53.01 0.95 -13.62	38.26 0.88 0.00	36.37 0.63 0.00	33.08 0.55 0.00	40.91 0.42 0.00	50.75 0.43 0.00	46.45 0.27 0.00	107.54 0.50 -67.61	40.60 0.45 -1.32	34.58 0.45 0.00	28.41 0.58 0.00	32.50 0.73 0.00	29.99 0.59 0.00	42.92 0.95 0.00	45.70 0.33 0.00	51.42 -0.34 0.00	65.64 -1.12 0.00	114.84 -0.84 0.00	41.98 -0.58 0.00	44.66 -0.56 0.00	41.35 -0.06 0.00	34.74 -0.24 0.00
NORTHPORT__1 23551	53.68 1.01 0.00	47.10 1.29 0.00	39.50 1.06 0.00	38.35 0.98 0.00	36.72 0.98 0.00	33.65 1.12 0.00	41.45 0.96 0.00	51.18 0.86 0.00	46.94 0.76 0.00	40.40 0.97 0.00	40.02 1.19 0.00	35.26 0.94 -0.17	29.20 0.88 -0.50	33.82 1.05 -1.00	30.60 1.20 0.00	44.08 1.58 -0.53	47.97 1.93 -0.67	54.01 2.26 0.00	69.62 2.86 0.00	120.20 4.52 0.00	44.25 1.69 0.00	47.46 2.24 0.00	43.59 2.18 0.00	36.68 1.70 0.00
NORTHPORT__2 23552	53.68 1.01 0.00	47.10 1.29 0.00	39.50 1.06 0.00	38.35 0.98 0.00	36.72 0.98 0.00	33.65 1.12 0.00	41.45 0.96 0.00	51.18 0.86 0.00	46.94 0.76 0.00	40.40 0.97 0.00	40.02 1.19 0.00	35.26 0.94 -0.17	29.20 0.88 -0.50	33.82 1.05 -1.00	30.60 1.20 0.00	44.08 1.58 -0.53	47.97 1.93 -0.67	54.01 2.26 0.00	69.62 2.86 0.00	120.20 4.52 0.00	44.25 1.69 0.00	47.46 2.24 0.00	43.59 2.18 0.00	36.68 1.70 0.00
NORTHPORT__3 23553	53.70 1.03 0.00	47.11 1.29 0.00	39.50 1.06 0.00	38.35 0.98 0.00	36.72 0.98 0.00	33.65 1.12 0.00	41.47 0.98 0.00	51.23 0.91 0.00	47.01 0.82 0.00	40.43 1.00 0.00	40.03 1.19 0.00	35.28 0.97 -0.17	29.20 0.88 -0.50	33.82 1.06 -1.00	30.60 1.20 0.00	44.08 1.58 -0.53	47.97 1.93 -0.67	54.03 2.28 0.00	69.68 2.93 0.00	120.36 4.68 0.00	44.29 1.74 0.00	47.48 2.26 0.00	43.58 2.17 0.00	36.66 1.69 0.00
NORTHPORT__4 23650	53.70 1.03 0.00	47.11 1.29 0.00	39.50 1.06 0.00	38.35 0.98 0.00	36.72 0.98 0.00	33.65 1.12 0.00	41.47 0.98 0.00	51.23 0.91 0.00	47.01 0.82 0.00	40.43 1.00 0.00	40.03 1.19 0.00	35.28 0.97 -0.17	29.20 0.88 -0.50	33.82 1.06 -1.00	30.60 1.20 0.00	44.08 1.58 -0.53	47.97 1.93 -0.67	54.03 2.28 0.00	69.68 2.93 0.00	120.36 4.68 0.00	44.29 1.74 0.00	47.48 2.26 0.00	43.58 2.17 0.00	36.66 1.69 0.00
NORTHPORT__IC 23718	53.65 0.98 0.00	47.10 1.29 0.00	39.49 1.06 0.00	38.35 0.98 0.00	36.73 0.99 0.00	33.65 1.12 0.00	41.42 0.93 0.00	51.17 0.86 0.00	46.92 0.74 0.00	40.40 0.96 0.00	40.02 1.19 0.00	35.27 0.95 -0.17	29.20 0.87 -0.50	33.82 1.05 -1.00	30.61 1.21 0.00	44.08 1.58 -0.53	47.99 1.95 -0.67	54.03 2.27 0.00	69.63 2.88 0.00	120.26 4.58 0.00	44.25 1.69 0.00	47.45 2.22 0.00	43.59 2.19 0.00	36.68 1.71 0.00
NORTH__COUNTRY_ESR 323785	53.17 0.50 0.00	48.20 0.51 -1.88	41.22 0.49 -2.30	37.76 0.38 0.00	35.82 0.08 0.00	32.56 0.03 0.00	40.32 -0.17 0.00	49.91 -0.41 0.00	45.77 -0.41 0.00	50.77 -0.05 -11.39	39.27 0.21 -0.22	34.38 0.24 0.00	28.34 0.52 0.00	32.42 0.65 0.00	29.81 0.41 0.00	42.56 0.59 0.00	45.88 0.51 0.00	51.79 0.03 0.00	66.25 -0.51 0.00	115.70 0.02 0.00	41.78 -0.78 0.00	44.49 -0.74 0.00	41.00 -0.41 0.00	34.31 -0.67 0.00
NPX_GEN_1385_PROXY 323591	53.68 1.01 0.00	47.10 1.29 0.00	39.50 1.06 0.00	38.35 0.98 0.00	36.72 0.98 0.00	33.65 1.12 0.00	38.56 0.96 2.89	51.18 0.86 0.00	46.94 0.76 0.00	40.40 0.97 0.00	40.02 1.19 0.00	35.26 0.94 -0.17	29.20 0.88 -0.50	33.82 1.05 -1.00	30.60 1.20 0.00	44.08 1.58 -0.53	47.97 1.93 -0.67	54.01 2.26 0.00	69.62 2.86 0.00	120.20 4.52 0.00	44.25 1.69 0.00	47.46 2.24 0.00	43.59 2.18 0.00	36.68 1.70 0.00
NPX_GEN_CSC 323557	53.49 0.82 0.00	47.15 1.33 0.00	39.55 1.11 0.00	38.51 1.13 0.00	36.67 0.93 0.00	33.56 1.03 0.00	38.57 0.97 2.89	51.14 0.82 0.00	46.99 0.81 0.00	40.32 0.89 0.00	40.10 1.27 0.00	35.17 0.85 -0.17	29.22 0.89 -0.50	33.76 0.99 -1.00	30.50 1.09 0.00	43.93 1.43 -0.53	47.87 1.83 -0.67	53.82 2.06 0.00	69.71 2.95 0.00	121.15 5.47 0.00	44.57 2.01 0.00	48.26 3.04 0.00	44.16 2.75 0.00	37.08 2.11 0.00
NSINS_S__GLNS_FALLS 23858	54.46 1.79 0.00	47.44 1.62 0.00	39.76 1.33 0.00	38.79 1.42 0.00	37.31 1.57 0.00	34.13 1.60 0.00	42.62 2.13 0.00	52.91 2.59 0.00	48.25 2.07 0.00	40.94 1.51 0.00	40.13 1.30 0.00	35.22 1.11 0.04	28.26 0.55 0.11	31.95 0.41 0.22	29.96 0.56 0.00	43.21 1.24 0.00	47.66 2.29 0.00	54.78 3.02 0.00	70.59 3.83 0.00	121.79 6.11 0.00	44.67 2.11 0.00	47.49 2.27 0.00	43.43 2.02 0.00	36.72 1.75 0.00
NUCOR_STEEL__DRP 24197	52.63 -0.05 0.00	45.91 -0.15 -0.24	38.58 -0.16 -0.30	37.12 -0.25 0.00	35.40 -0.34 0.00	32.30 -0.23 0.00	40.39 -0.10 0.00	50.30 -0.01 0.00	46.33 0.14 0.00	40.92 0.00 -1.48	38.88 0.02 -0.03	34.19 0.05 0.00	27.81 -0.01 0.00	31.67 -0.10 0.00	29.41 0.00 0.00	41.76 -0.21 0.00	44.89 -0.48 0.00	51.46 -0.30 0.00	66.70 -0.06 0.00	115.29 -0.39 0.00	42.46 -0.10 0.00	45.13 -0.10 0.00	41.22 -0.19 0.00	34.79 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	53.21 0.54 0.00	50.34 0.51 -4.01	43.88 0.54 -4.90	37.97 0.60 0.00	36.21 0.47 0.00	33.00 0.47 0.00	40.20 -0.29 0.00	49.60 -0.72 0.00	45.17 -1.02 0.00	62.77 -1.00 -24.34	38.13 -1.18 -0.48	32.93 -1.21 0.00	26.87 -0.95 0.00	30.97 -0.80 0.00	28.78 -0.62 0.00	41.78 -0.19 0.00	43.98 -1.39 0.00	50.15 -1.61 0.00	65.16 -1.60 0.00	113.72 -1.96 0.00	41.72 -0.84 0.00	43.99 -1.23 0.00	40.46 -0.95 0.00	33.70 -1.28 0.00
NYISO_LBMP_REFERENCE 24008	52.67 0.00 0.00	45.82 0.00 0.00	38.44 0.00 0.00	37.37 0.00 0.00	35.74 0.00 0.00	32.53 0.00 0.00	40.49 0.00 0.00	50.31 0.00 0.00	46.18 0.00 0.00	39.43 0.00 0.00	38.83 0.00 0.00	34.14 0.00 0.00	27.82 0.00 0.00	31.77 0.00 0.00	29.40 0.00 0.00	41.97 0.00 0.00	45.37 0.00 0.00	51.76 0.00 0.00	66.76 0.00 0.00	115.68 0.00 0.00	42.55 0.00 0.00	45.23 0.00 0.00	41.41 0.00 0.00	34.98 0.00 0.00

NYPA_BRENTWD____GT 24164	54.15 1.48 0.00	47.51 1.69 0.00	39.81 1.38 0.00	38.66 1.29 0.00	37.01 1.27 0.00	33.92 1.39 0.00	41.89 1.41 0.00	51.79 1.47 0.00	47.51 1.32 0.00	40.79 1.35 0.00	40.33 1.50 0.00	35.50 1.18 -0.17	29.39 1.06 -0.50	34.06 1.28 -1.00	30.85 1.44 0.00	44.48 1.98 -0.53	48.40 2.36 -0.67	54.58 2.82 0.00	70.50 3.74 0.00	121.60 5.92 0.00	44.82 2.27 0.00	48.07 2.85 0.00	44.04 2.64 0.00	37.02 2.04 0.00
NYPA_GOWANUS____GT5 24156	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NYPA_GOWANUS____GT6 24157	54.08 1.41 0.00	47.42 1.60 0.00	39.77 1.34 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.88 1.35 -0.01	41.95 1.47 0.00	52.05 1.74 0.00	47.93 1.75 0.00	41.14 1.71 0.00	40.52 1.69 0.00	35.79 1.48 -0.17	29.63 1.30 -0.51	34.25 1.48 -1.00	30.95 1.54 -0.01	44.31 1.81 -0.53	48.28 2.24 -0.67	54.38 2.62 0.00	70.46 3.71 0.00	121.54 5.86 0.00	44.64 2.08 0.00	47.39 2.17 0.00	43.43 2.02 0.00	36.58 1.60 0.00
NYPA_HARLEM__RVR__GT1 24160	53.85 1.18 0.00	47.21 1.39 0.00	39.57 1.14 0.00	38.37 1.00 0.00	36.84 1.10 0.00	33.73 1.20 -0.01	41.71 1.22 0.00	51.84 1.52 0.00	47.78 1.59 0.00	40.97 1.54 0.00	40.32 1.49 0.00	35.64 1.33 -0.17	29.53 1.20 -0.51	34.06 1.29 -1.00	30.82 1.41 -0.01	44.08 1.58 -0.53	48.02 1.98 -0.67	54.14 2.39 0.00	70.10 3.34 0.00	121.03 5.35 0.00	44.45 1.89 0.00	47.16 1.94 0.00	43.28 1.87 0.00	36.45 1.47 0.00
NYPA_HARLEM__RVR__GT2 24161	53.85 1.18 0.00	47.21 1.39 0.00	39.57 1.14 0.00	38.37 1.00 0.00	36.84 1.10 0.00	33.73 1.20 -0.01	41.71 1.22 0.00	51.84 1.52 0.00	47.78 1.59 0.00	40.97 1.54 0.00	40.32 1.49 0.00	35.64 1.33 -0.17	29.53 1.20 -0.51	34.06 1.29 -1.00	30.82 1.41 -0.01	44.08 1.58 -0.53	48.02 1.98 -0.67	54.14 2.39 0.00	70.10 3.34 0.00	121.03 5.35 0.00	44.45 1.89 0.00	47.16 1.94 0.00	43.28 1.87 0.00	36.45 1.47 0.00
NYPA_KENT____GT 24152	54.11 1.44 0.00	47.42 1.60 0.00	39.75 1.32 0.00	38.56 1.19 0.00	37.01 1.26 0.00	33.88 1.34 -0.01	41.95 1.46 0.00	52.02 1.71 0.00	47.91 1.72 0.00	41.14 1.70 0.00	40.52 1.69 0.00	35.80 1.48 -0.17	29.64 1.31 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.32 1.82 -0.53	48.28 2.24 -0.67	54.39 2.63 0.00	70.43 3.67 0.00	121.46 5.77 0.00	44.62 2.06 0.00	47.37 2.14 0.00	43.42 2.01 0.00	36.58 1.60 0.00
NYPA_POUCH1____GT 24155	53.97 1.30 0.00	47.37 1.55 0.00	39.81 1.37 0.00	38.62 1.25 0.00	37.06 1.32 0.00	33.91 1.38 -0.01	41.97 1.49 0.00	52.06 1.74 0.00	47.92 1.73 0.00	41.12 1.68 0.00	40.47 1.64 0.00	35.74 1.42 -0.17	29.58 1.26 -0.51	34.19 1.42 -1.00	30.91 1.49 -0.01	44.24 1.74 -0.53	48.21 2.17 -0.67	54.30 2.55 0.00	70.38 3.62 0.00	121.35 5.67 0.00	44.58 2.02 0.00	47.34 2.11 0.00	43.39 1.97 0.00	36.54 1.56 0.00
NYPA_VERNON____GT2 24162	54.13 1.45 0.00	47.42 1.60 0.00	39.73 1.30 0.00	38.54 1.16 0.00	37.00 1.25 0.00	33.87 1.33 -0.01	41.92 1.44 0.00	52.00 1.69 0.00	47.89 1.71 0.00	41.13 1.70 0.00	40.52 1.69 0.00	35.80 1.49 -0.17	29.65 1.32 -0.51	34.27 1.49 -1.00	30.96 1.55 -0.01	44.34 1.84 -0.53	48.28 2.24 -0.67	54.39 2.64 0.00	70.41 3.65 0.00	121.42 5.73 0.00	44.59 2.04 0.00	47.35 2.13 0.00	43.42 2.01 0.00	36.58 1.60 0.00
NYPA_VERNON____GT3 24163	54.13 1.45 0.00	47.42 1.60 0.00	39.73 1.30 0.00	38.54 1.16 0.00	37.00 1.25 0.00	33.87 1.33 -0.01	41.92 1.44 0.00	52.00 1.69 0.00	47.89 1.71 0.00	41.13 1.70 0.00	40.52 1.69 0.00	35.80 1.49 -0.17	29.65 1.32 -0.51	34.27 1.49 -1.00	30.96 1.55 -0.01	44.34 1.84 -0.53	48.28 2.24 -0.67	54.39 2.64 0.00	70.41 3.65 0.00	121.42 5.73 0.00	44.59 2.04 0.00	47.35 2.13 0.00	43.42 2.01 0.00	36.58 1.60 0.00
NYPA__ASTORIA_CC1 323568	54.10 1.43 0.00	47.41 1.59 0.00	39.72 1.28 0.00	38.53 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.91 1.42 0.00	51.97 1.66 0.00	47.87 1.68 0.00	41.12 1.68 0.00	40.51 1.68 0.00	35.78 1.46 -0.17	29.64 1.30 -0.51	34.25 1.48 -1.00	30.94 1.53 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.37 2.61 0.00	70.36 3.60 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.32 2.09 0.00	43.40 1.99 0.00	36.56 1.58 0.00
NYPA__ASTORIA_CC2 323569	54.10 1.43 0.00	47.41 1.59 0.00	39.72 1.28 0.00	38.53 1.15 0.00	36.98 1.24 0.00	33.86 1.32 -0.01	41.91 1.42 0.00	51.97 1.66 0.00	47.87 1.68 0.00	41.12 1.68 0.00	40.51 1.68 0.00	35.78 1.46 -0.17	29.64 1.30 -0.51	34.25 1.48 -1.00	30.94 1.53 -0.01	44.32 1.82 -0.53	48.26 2.22 -0.67	54.37 2.61 0.00	70.36 3.60 0.00	121.34 5.66 0.00	44.58 2.02 0.00	47.32 2.09 0.00	43.40 1.99 0.00	36.56 1.58 0.00
NYPA__HOLTSVILL 23794	53.75 1.08 0.00	47.22 1.40 0.00	39.58 1.14 0.00	38.45 1.08 0.00	36.78 1.04 0.00	33.71 1.18 0.00	41.60 1.12 0.00	51.38 1.06 0.00	47.14 0.95 0.00	40.48 1.05 0.00	40.05 1.22 0.00	35.27 0.96 -0.17	29.23 0.90 -0.50	33.83 1.07 -1.00	30.62 1.22 0.00	44.15 1.65 -0.53	48.06 2.02 -0.67	54.12 2.36 0.00	69.98 3.22 0.00	121.08 5.40 0.00	44.55 1.99 0.00	47.87 2.64 0.00	43.84 2.43 0.00	36.84 1.87 0.00
NYPA__HELLGATE_GT1 24158	53.85 1.18 0.00	47.21 1.39 0.00	39.57 1.14 0.00	38.37 1.00 0.00	36.84 1.10 0.00	33.73 1.20 -0.01	41.71 1.22 0.00	51.79 1.48 0.00	47.77 1.59 0.00	40.97 1.54 0.00	40.32 1.49 0.00	35.64 1.33 -0.17	29.53 1.20 -0.51	34.06 1.29 -1.00	30.82 1.41 -0.01	44.08 1.58 -0.53	48.02 1.98 -0.67	54.14 2.39 0.00	70.10 3.34 0.00	121.03 5.35 0.00	44.45 1.89 0.00	47.16 1.94 0.00	43.28 1.87 0.00	36.45 1.47 0.00
NYPA__HELLGATE_GT2 24159	53.85 1.18 0.00	47.21 1.39 0.00	39.57 1.14 0.00	38.37 1.00 0.00	36.84 1.10 0.00	33.73 1.20 -0.01	41.71 1.22 0.00	51.79 1.48 0.00	47.77 1.59 0.00	40.97 1.54 0.00	40.32 1.49 0.00	35.64 1.33 -0.17	29.53 1.20 -0.51	34.06 1.29 -1.00	30.82 1.41 -0.01	44.08 1.58 -0.53	48.02 1.98 -0.67	54.14 2.39 0.00	70.10 3.34 0.00	121.03 5.35 0.00	44.45 1.89 0.00	47.16 1.94 0.00	43.28 1.87 0.00	36.45 1.47 0.00
NYS_BARGE__HYD 23848	18.76 -2.35 31.55	27.06 -2.58 16.18	19.27 -2.19 16.98	23.72 -2.27 11.38	22.31 -2.56 10.87	29.45 -3.08 0.00	18.83 -3.58 18.08	28.84 -4.04 17.44	21.56 -2.53 22.10	36.44 -2.99 0.00	35.90 -2.94 0.00	32.18 -1.97 0.00	26.10 -1.73 0.00	29.90 -1.87 0.00	25.45 -2.07 1.88	31.61 -2.73 7.62	31.78 -4.11 9.48	30.32 -5.53 15.91	44.56 -7.32 14.88	76.13 -10.74 28.80	28.45 -3.92 10.19	32.50 -4.38 8.35	25.50 -3.94 11.96	23.33 -2.80 8.85

OAK ORCHARD__HYD 24046	36.44 -1.12 15.10	36.76 -1.31 7.74	29.20 -1.10 8.13	30.77 -1.14 5.45	29.29 -1.24 5.21	31.10 -1.43 0.00	30.41 -1.42 8.66	42.94 -1.41 5.97	34.91 -0.69 10.59	38.44 -0.99 0.00	37.86 -0.97 0.00	33.60 -0.54 0.00	27.30 -0.52 0.00	31.28 -0.49 0.00	28.80 -0.61 0.00	41.08 -0.90 -0.02	43.79 -1.58 0.00	48.04 -2.12 1.60	64.07 -2.69 0.00	108.18 -3.65 3.85	37.62 -1.38 3.55	39.56 -1.62 4.05	38.58 -1.64 1.19	33.72 -1.26 0.00
OAKDALE__35_KV_LOAD 356122	52.21 -0.46 0.00	45.28 -0.54 0.00	37.92 -0.51 0.00	36.89 -0.48 0.00	35.17 -0.57 0.00	31.94 -0.59 0.00	39.80 -0.69 0.00	49.54 -0.78 0.00	45.58 -0.61 0.00	38.90 -0.54 0.00	38.35 -0.48 0.00	33.76 -0.38 0.00	27.46 -0.36 0.00	31.47 -0.30 0.00	29.05 -0.36 0.00	41.47 -0.49 0.01	44.50 -0.87 0.00	50.80 -0.96 0.00	65.77 -0.99 0.00	113.86 -1.82 0.00	41.98 -0.58 0.00	44.60 -0.63 0.00	40.67 -0.74 0.00	34.39 -0.59 0.00
OCC_CHEM__DRP 24175	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
OH_GEN_PROXY 24063	11.45 -2.82 38.40	23.10 -3.03 19.69	15.25 -2.51 20.68	20.89 -2.60 13.88	19.64 -2.85 13.25	29.18 -3.35 0.00	11.74 -3.81 24.94	25.04 -4.35 20.93	16.36 -2.88 26.94	36.21 -3.22 0.00	35.66 -3.17 0.00	31.89 -2.25 0.00	25.92 -1.91 0.00	29.69 -2.08 0.00	25.26 -2.25 1.89	31.31 -3.00 7.66	31.46 -4.39 9.53	29.31 -5.79 16.66	44.15 -7.65 14.95	73.73 -11.40 30.54	26.67 -4.17 11.72	30.55 -4.60 10.08	24.62 -4.27 12.51	22.92 -3.16 8.89
OLIN_CORP_DRP 24177	49.82 -2.85 0.00	42.67 -3.15 0.00	35.75 -2.68 0.00	34.63 -2.75 0.00	32.72 -3.02 0.00	29.00 -3.54 0.00	36.37 -4.12 6.07	39.37 -4.87 6.07	43.10 -3.09 0.00	35.86 -3.57 0.00	35.29 -3.54 0.00	31.62 -2.52 0.00	25.66 -2.17 0.00	29.38 -2.39 0.00	24.79 -2.53 2.08	30.14 -3.39 8.44	30.03 -4.84 10.50	31.31 -6.48 13.98	41.76 -8.51 16.48	79.71 -12.88 23.09	34.77 -4.61 3.17	40.21 -5.01 0.00	26.22 -4.65 10.54	21.92 -3.25 9.80
OLIN_CORP_DSASP 323712	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
ONEIDA_HERK_LFGE 323681	53.47 0.80 0.00	48.37 0.68 -1.86	41.30 0.59 -2.28	37.98 0.61 0.00	36.29 0.55 0.00	33.09 0.56 0.00	40.94 0.45 0.00	50.74 0.42 0.00	46.42 0.24 -11.31	50.87 0.13 -0.22	39.09 0.04 0.00	34.09 -0.05 0.00	27.76 -0.06 0.00	31.85 0.08 0.00	29.57 0.16 0.00	42.52 0.55 0.00	45.47 0.10 0.00	51.90 0.15 0.00	67.27 0.51 0.00	116.91 1.24 0.00	42.88 0.32 0.00	45.41 0.18 0.00	41.60 0.19 0.00	34.87 -0.10 0.00
ONEIDA__115KV_TB4 55905	53.63 0.96 0.00	47.33 0.73 -0.78	39.99 0.60 -0.95	37.97 0.60 0.00	36.29 0.55 0.00	33.10 0.57 0.00	41.26 0.77 0.00	51.30 0.99 0.00	47.10 0.91 -4.71	44.84 0.70 -0.09	39.62 0.70 0.00	34.74 0.60 0.00	28.24 0.42 0.00	32.35 0.58 0.00	29.97 0.56 0.00	42.90 0.93 0.00	46.16 0.79 0.00	52.68 0.93 0.00	68.29 1.53 0.00	118.50 2.82 0.00	43.43 0.87 0.00	46.09 0.86 0.00	42.12 0.72 0.00	35.41 0.44 0.00
ONONDAGA_REF_OCCRA 23987	52.31 -0.36 0.00	45.69 -0.42 -0.29	38.39 -0.40 -0.36	36.99 -0.38 0.00	35.36 -0.38 0.00	32.18 -0.35 0.00	40.18 -0.31 0.00	50.03 -0.28 0.00	46.01 -0.17 -1.77	41.02 -0.19 -0.03	38.68 -0.19 0.00	34.01 -0.13 0.00	27.66 -0.16 0.00	31.66 -0.11 0.00	29.28 -0.13 0.00	41.77 -0.20 0.00	44.95 -0.42 0.00	51.32 -0.44 0.00	66.41 -0.35 0.00	115.13 -0.55 0.00	42.36 -0.19 0.00	44.96 -0.27 0.00	41.04 -0.37 0.00	34.64 -0.34 0.00
ONONDAGA__COGEN 23986	52.24 -0.42 0.00	45.64 -0.47 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.32 -0.42 0.00	32.16 -0.37 0.00	40.15 -0.33 0.00	49.99 -0.32 0.00	45.97 -0.22 -1.78	40.98 -0.24 -0.04	38.64 -0.23 0.00	33.97 -0.17 0.00	27.65 -0.17 0.00	31.61 -0.16 0.00	29.24 -0.16 0.00	41.70 -0.27 0.00	44.90 -0.47 0.00	51.30 -0.45 0.00	66.38 -0.38 0.00	114.95 -0.73 0.00	42.29 -0.26 0.00	44.89 -0.33 0.00	40.99 -0.42 0.00	34.61 -0.37 0.00
ONTARIO__LFGE 23819	52.27 -0.40 0.00	45.21 -0.61 0.00	37.83 -0.60 0.00	36.78 -0.59 0.00	34.96 -0.78 0.00	31.62 -0.91 0.00	39.63 -0.86 0.00	53.01 -0.78 -3.47	45.69 -0.49 0.00	38.85 -0.58 0.00	38.27 -0.56 0.00	33.82 -0.32 0.00	27.46 -0.36 0.00	31.42 -0.35 0.00	30.10 -0.45 -1.15	45.87 -0.73 -4.63	49.78 -1.31 -5.72	57.88 -1.48 -7.61	74.37 -1.36 -8.97	126.34 -1.91 -12.57	43.63 -0.65 -1.72	44.40 -0.82 0.00	46.07 -1.07 -5.74	39.41 -0.90 -5.34
ORANGEVILLE_WT_PWR 323706	33.58 -1.67 17.42	34.85 -2.04 8.93	27.18 -1.87 9.38	29.00 -2.08 6.30	27.03 -2.70 6.01	29.16 -3.37 0.00	26.58 -3.90 10.00	18.24 -4.44 27.63	30.81 -3.15 12.22	35.95 -3.48 0.00	35.45 -3.38 0.00	31.97 -2.17 0.00	26.02 -1.81 0.00	29.74 -2.03 0.00	19.01 -2.60 7.79	6.47 -3.72 31.78	1.29 -4.84 39.24	-7.92 -5.59 54.08	-2.16 -7.34 61.57	13.65 -11.25 90.78	22.88 -3.70 15.98	36.49 -4.01 4.72	-3.71 -4.36 40.75	-5.14 -3.49 36.62
ORANGEVILLE__ESR 323794	33.58 -1.67 17.42	34.85 -2.04 8.93	27.18 -1.87 9.38	29.00 -2.08 6.30	27.03 -2.70 6.01	29.16 -3.37 0.00	26.58 -3.90 10.00	18.24 -4.44 27.63	30.81 -3.15 12.22	35.95 -3.48 0.00	35.45 -3.38 0.00	31.97 -2.17 0.00	26.02 -1.81 0.00	29.74 -2.03 0.00	19.01 -2.60 7.79	6.47 -3.72 31.78	1.29 -4.84 39.24	-7.92 -5.59 54.08	-2.16 -7.34 61.57	13.65 -11.25 90.78	22.88 -3.70 15.98	36.49 -4.01 4.72	-3.71 -4.36 40.75	-5.14 -3.49 36.62
OSWEGATCHIE__HYD 24044	52.94 0.27 0.00	54.97 0.31 -8.85	49.66 0.40 -10.82	37.79 0.42 0.00	36.00 0.26 0.00	32.80 0.27 0.00	40.31 -0.18 0.00	49.86 -0.46 0.00	45.51 -0.67 0.00	92.61 -0.52 -53.69	39.22 -0.66 -1.05	33.52 -0.63 0.00	27.42 -0.40 0.00	31.49 -0.28 0.00	29.16 -0.24 0.00	42.09 0.12 0.00	44.49 -0.88 0.00	50.34 -1.42 0.00	64.74 -2.02 0.00	113.02 -2.66 0.00	41.43 -1.12 0.00	43.98 -1.24 0.00	40.61 -0.81 0.00	33.96 -1.02 0.00
OSWEGO__5 23606	51.49 -1.18 0.00	44.71 -1.11 0.00	37.50 -0.94 0.00	36.46 -0.91 0.00	34.85 -0.89 0.00	31.70 -0.83 0.00	39.51 -0.98 0.00	49.17 -1.14 0.00	45.22 -0.97 0.00	38.55 -0.88 0.00	37.97 -0.86 0.00	33.42 -0.72 0.00	27.22 -0.61 0.00	31.10 -0.67 0.00	28.77 -0.63 0.00	41.05 -0.92 0.00	44.22 -1.15 0.00	50.47 -1.29 0.00	65.21 -1.55 0.00	113.07 -2.61 0.00	41.60 -0.95 0.00	44.16 -1.06 0.00	40.38 -1.03 0.00	34.12 -0.86 0.00

OSWEGO___6 23613	51.49 -1.18 0.00	44.71 -1.11 0.00	37.50 -0.94 0.00	36.46 -0.91 0.00	34.85 -0.89 0.00	31.70 -0.83 0.00	39.51 -0.98 0.00	49.17 -1.14 0.00	45.22 -0.97 0.00	38.55 -0.88 0.00	37.97 -0.86 0.00	33.42 -0.72 0.00	27.22 -0.61 0.00	31.10 -0.67 0.00	28.77 -0.63 0.00	41.05 -0.92 0.00	44.22 -1.15 0.00	50.47 -1.29 0.00	65.21 -1.55 0.00	113.07 -2.61 0.00	41.60 -0.95 0.00	44.16 -1.06 0.00	40.38 -1.03 0.00	34.12 -0.86 0.00
OUTOKUMPU-AB___DRP 24206	50.92 -1.75 0.00	43.59 -2.23 0.00	36.53 -1.90 0.00	35.37 -2.01 0.00	33.41 -2.33 0.00	29.62 -2.92 0.00	37.31 -3.18 0.00	40.33 -3.65 6.34	44.22 -1.97 0.00	36.73 -2.70 0.00	36.21 -2.63 0.00	32.46 -1.68 0.00	26.34 -1.49 0.00	30.18 -1.59 0.00	25.39 -1.85 2.17	30.78 -2.41 8.78	30.64 -3.81 10.92	32.03 -5.19 14.54	42.76 -6.86 17.14	81.81 -9.85 24.02	35.66 -3.60 3.29	41.26 -3.97 0.00	26.62 -3.83 10.96	22.07 -2.71 10.20
OXBOW___BTM 323836	14.05 -2.47 36.15	24.53 -2.75 18.53	16.67 -2.30 19.46	21.90 -2.41 13.06	20.58 -2.69 12.47	29.27 -3.27 0.00	16.03 -3.72 20.74	25.47 -4.24 20.60	18.12 -2.72 25.35	36.24 -3.19 0.00	35.71 -3.13 0.00	31.99 -2.15 0.00	25.97 -1.86 0.00	29.75 -2.02 0.00	25.08 -2.19 2.14	30.52 -2.80 8.65	30.41 -4.21 10.76	28.10 -5.62 18.04	42.43 -7.46 16.88	72.14 -10.91 32.63	26.91 -4.13 11.52	31.16 -4.63 9.43	23.68 -4.17 13.56	21.89 -3.04 10.04
OXBOW___ 24026	50.32 -2.35 0.00	43.07 -2.75 0.00	36.12 -2.31 0.00	34.96 -2.41 0.00	33.04 -2.70 0.00	29.26 -3.27 0.00	36.85 -3.63 0.00	39.77 -4.24 6.30	43.69 -2.50 0.00	36.25 -3.18 0.00	35.71 -3.12 0.00	31.99 -2.15 0.00	25.97 -1.85 0.00	29.75 -2.02 0.00	25.08 -2.20 2.14	30.48 -2.84 8.65	30.33 -4.29 10.76	31.68 -5.76 14.32	42.27 -7.61 16.88	80.96 -11.06 23.65	35.19 -4.12 3.24	40.69 -4.54 0.00	26.33 -4.28 10.79	21.84 -3.09 10.04
OXY_CHEM_DSASP 323612	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
OZONE_PARK_ESR 323760	54.36 1.69 0.00	47.60 1.78 0.00	39.83 1.40 0.00	38.65 1.28 0.00	37.09 1.35 0.00	33.96 1.43 0.00	42.08 1.59 0.00	52.28 1.97 0.00	48.07 1.88 0.00	41.27 1.84 0.00	40.67 1.84 0.00	35.92 1.60 -0.17	29.74 1.41 -0.50	34.39 1.62 -1.00	31.06 1.66 0.00	44.51 2.01 -0.53	48.48 2.44 -0.67	54.69 2.94 0.00	70.86 4.10 0.00	122.25 6.57 0.00	44.87 2.32 0.00	47.60 2.37 0.00	43.63 2.22 0.00	36.73 1.75 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.87 -2.80 0.00	42.67 -3.15 0.00	35.82 -2.61 0.00	34.66 -2.72 0.00	32.76 -2.98 0.00	28.98 -3.55 0.00	36.49 -4.00 0.00	39.31 -4.74 6.26	43.23 -2.96 0.00	35.82 -3.61 0.00	35.26 -3.57 0.00	31.58 -2.56 0.00	25.63 -2.19 0.00	29.35 -2.42 0.00	24.79 -2.51 2.10	30.24 -3.21 8.51	30.08 -4.70 10.59	31.43 -6.24 14.09	41.89 -8.26 16.61	80.27 -12.12 23.28	34.78 -4.59 3.19	40.20 -5.03 0.00	26.14 -4.65 10.62	21.72 -3.38 9.88
PACKARD___115KV_DUPONT_184 80571	13.54 -2.91 36.22	24.08 -3.17 18.57	16.31 -2.62 19.50	21.57 -2.71 13.09	20.27 -2.97 12.50	28.98 -3.55 0.00	15.61 -4.09 20.79	24.97 -4.75 20.59	17.57 -3.20 25.41	35.81 -3.62 0.00	35.26 -3.57 0.00	31.57 -2.57 0.00	25.64 -2.19 0.00	29.36 -2.41 0.00	24.80 -2.50 2.10	30.29 -3.16 8.51	30.16 -4.63 10.59	27.82 -6.11 17.82	42.04 -8.10 16.61	71.41 -11.98 32.29	26.48 -4.58 11.50	30.64 -5.12 9.46	23.47 -4.54 13.40	21.76 -3.33 9.88
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	54.00 1.34 0.00	47.35 1.53 0.00	39.69 1.26 0.00	38.50 1.13 0.00	36.96 1.22 0.00	33.84 1.30 -0.01	41.77 1.28 0.00	51.93 1.61 0.00	47.82 1.63 0.00	41.02 1.59 0.00	40.38 1.55 0.00	35.69 1.37 -0.17	29.54 1.21 -0.51	34.14 1.37 -1.00	30.86 1.45 -0.01	44.16 1.66 -0.53	48.12 2.08 -0.67	54.28 2.53 0.00	70.28 3.53 0.00	121.32 5.64 0.00	44.55 2.00 0.00	47.25 2.03 0.00	43.37 1.96 0.00	36.51 1.53 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	55.38 2.71 0.00	48.62 2.80 0.00	40.77 2.33 0.00	39.55 2.18 0.00	37.98 2.24 0.00	34.78 2.24 -0.01	43.01 2.52 0.00	53.49 3.18 0.00	49.22 3.03 0.00	42.18 2.74 0.00	41.49 2.66 0.00	36.66 2.34 -0.17	30.32 1.99 -0.51	34.92 2.15 -1.00	31.55 2.14 -0.01	45.15 2.64 -0.53	49.18 3.15 -0.67	55.46 3.71 0.00	71.80 5.05 0.00	124.10 8.42 0.00	45.56 3.00 0.00	48.30 3.07 0.00	44.33 2.92 0.00	37.31 2.33 0.00
PATROON___115KV_TB1 80586	53.60 0.93 0.00	46.68 0.86 0.00	39.16 0.73 0.00	38.15 0.78 0.00	36.61 0.87 0.00	33.35 0.82 0.00	41.51 1.02 0.00	51.47 1.15 0.00	47.16 0.97 0.00	40.20 0.77 0.00	39.52 0.69 0.00	34.54 0.45 0.05	27.98 0.30 0.14	31.65 0.16 0.28	29.73 0.32 0.00	42.40 0.57 0.14	46.29 1.09 0.18	53.24 1.48 0.00	68.74 1.99 0.00	118.69 3.01 0.00	43.65 1.09 0.00	46.48 1.25 0.00	42.56 1.15 0.00	35.99 1.01 0.00
PATRSNVILLE___SOLAR 323815	53.71 1.04 0.00	46.72 0.90 0.00	39.14 0.71 0.00	38.08 0.70 0.00	36.47 0.73 0.00	33.27 0.74 0.00	41.44 0.95 0.00	51.50 1.18 0.00	47.09 0.90 0.00	40.19 0.76 0.00	39.33 0.49 0.00	34.54 0.43 0.03	27.83 0.09 0.09	31.50 -0.09 0.18	29.40 -0.01 0.00	42.37 0.40 0.00	46.33 0.96 0.00	53.01 1.25 0.00	68.49 1.73 0.00	118.49 2.81 0.00	43.60 1.05 0.00	46.34 1.12 0.00	42.41 1.00 0.00	35.83 0.85 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	52.25 -0.42 0.00	44.72 -1.10 0.00	37.51 -0.92 0.00	36.32 -1.05 0.00	34.27 -1.47 0.00	30.44 -2.09 0.00	38.44 -2.05 0.00	40.99 -2.22 7.11	45.38 -0.81 0.00	37.85 -1.59 0.00	37.35 -1.48 0.00	33.40 -0.74 0.00	27.16 -0.67 0.00	31.13 -0.64 0.00	26.13 -1.06 2.21	31.57 -1.44 8.97	31.52 -2.70 11.15	33.20 -3.72 14.84	44.09 -5.17 17.49	84.10 -7.06 24.52	36.76 -2.44 3.36	42.52 -2.71 0.00	27.34 -2.88 11.19	22.58 -1.99 10.41
PAWLING_115_KV_BK3_REV_LBMP_H 345028	53.89 1.22 0.00	47.15 1.33 0.00	39.47 1.03 0.00	38.32 0.94 0.00	36.79 1.05 0.00	33.65 1.12 0.00	41.80 1.31 0.00	51.90 1.59 0.00	47.65 1.46 0.00	40.80 1.37 0.00	40.18 1.35 0.00	35.38 1.08 -0.17	29.25 0.93 -0.49	33.85 1.11 -0.97	30.57 1.17 0.00	43.92 1.44 -0.52	47.92 1.90 -0.65	54.16 2.40 0.00	70.18 3.42 0.00	121.13 5.46 0.00	44.44 1.89 0.00	47.15 1.93 0.00	43.19 1.78 0.00	36.37 1.40 0.00
PEEKSKILL___ 23653	53.50 0.83 0.00	46.82 1.00 0.00	39.19 0.76 0.00	38.04 0.67 0.00	36.51 0.77 0.00	33.38 0.85 0.00	41.42 0.93 0.00	51.40 1.08 0.00	47.22 1.03 0.00	40.48 1.05 0.00	39.88 1.05 0.00	35.20 0.89 -0.17	29.11 0.79 -0.49	33.70 0.94 -0.98	30.40 1.00 0.00	43.62 1.13 -0.52	47.56 1.54 -0.66	53.69 1.93 0.00	69.56 2.80 0.00	119.91 4.23 0.00	44.02 1.47 0.00	46.74 1.52 0.00	42.85 1.44 0.00	36.10 1.13 0.00

PGE MADISON___WINDPWR 24146	55.38 2.71 0.00	47.98 2.16 0.00	40.13 1.70 0.00	38.59 1.21 0.00	36.70 0.96 0.00	33.07 0.54 0.00	41.15 0.67 0.00	52.64 1.26 -1.07	46.89 0.71 0.00	40.06 0.63 0.00	39.08 0.25 0.00	34.33 0.19 0.00	27.26 -0.56 0.00	31.16 -0.62 0.00	29.26 -0.49 -0.35	43.08 -0.28 -1.38	46.54 -0.55 -1.72	53.48 -0.56 -2.29	69.72 0.26 -2.70	120.26 0.81 -3.78	44.41 1.33 -0.52	46.90 1.67 0.00	44.45 1.32 -1.72	36.83 0.25 -1.60
PIERCEFIELD___HYD 23852	53.55 0.88 0.00	59.53 0.89 -12.83	55.02 0.90 -15.69	38.23 0.86 0.00	36.37 0.63 0.00	33.07 0.55 0.00	40.88 0.39 0.00	50.73 0.42 0.00	46.39 0.20 0.00	117.69 0.40 -77.85	40.66 0.31 -1.52	34.48 0.34 0.00	28.29 0.46 0.00	32.37 0.60 0.00	29.90 0.49 0.00	42.80 0.83 0.00	45.43 0.06 0.00	51.08 -0.68 0.00	65.19 -1.57 0.00	114.04 -1.64 0.00	41.82 -0.74 -0.01	44.51 -0.71 0.00	41.27 -0.14 0.00	34.72 -0.25 0.00
PINELAWN_CC_1 323563	54.05 1.38 0.00	47.40 1.58 0.00	39.70 1.27 0.00	38.54 1.17 0.00	36.84 1.10 0.00	33.79 1.26 0.00	41.72 1.23 0.00	51.67 1.35 0.00	47.39 1.20 0.00	40.66 1.22 0.00	40.15 1.32 0.00	35.36 1.04 -0.17	29.26 0.93 -0.50	33.89 1.12 -1.00	30.69 1.29 0.00	44.31 1.81 -0.53	48.23 2.19 -0.67	54.37 2.61 0.00	70.26 3.50 0.00	121.47 5.78 0.00	44.67 2.12 0.00	47.81 2.58 0.00	43.80 2.39 0.00	36.81 1.84 0.00
PJM_GEN_HTP_PROXY 323702	53.85 1.18 0.00	47.21 1.39 0.00	39.51 1.08 0.00	38.34 0.97 0.00	36.79 1.05 0.00	33.67 1.14 0.00	41.70 1.21 0.00	51.74 1.43 0.00	47.60 1.41 0.00	40.86 1.42 0.00	40.27 1.44 0.00	35.57 1.26 -0.17	29.45 1.13 -0.50	34.06 1.28 -1.00	30.73 1.33 0.00	44.06 1.56 -0.53	49.20 1.97 -1.86	54.17 2.41 0.00	70.16 3.40 0.00	120.98 5.30 0.00	44.40 1.85 0.00	47.10 1.88 0.00	43.19 1.78 0.00	36.39 1.42 0.00
PJM_GEN_KEystone 24065	15.48 -0.94 36.24	25.45 -0.87 19.50	15.15 -0.91 22.38	21.43 -0.93 15.02	20.38 -1.02 14.34	31.44 -1.09 0.00	15.27 -1.37 23.85	30.20 -1.62 18.50	15.97 -1.17 29.05	38.38 -1.05 0.00	37.88 -0.95 0.00	33.58 -0.64 -0.08	27.58 -0.49 -0.24	31.79 -0.46 -0.49	28.26 -0.56 0.58	38.94 -0.93 2.10	42.63 -1.34 1.40	41.84 -1.71 8.21	60.37 -1.85 4.54	98.03 -2.69 14.96	32.38 -1.00 9.18	34.21 -1.26 9.76	33.94 -1.32 6.15	31.27 -0.98 2.73
PJM_GEN_NEPTUNE_PROXY 323594	53.47 0.80 0.00	46.91 1.09 0.00	39.29 0.85 0.00	38.13 0.76 0.00	36.55 0.80 0.00	33.48 0.95 0.00	41.32 0.83 0.00	51.16 0.84 0.00	46.99 0.80 0.00	40.35 0.91 0.00	39.86 1.02 0.00	35.14 0.83 -0.17	29.09 0.77 -0.50	33.69 0.92 -1.00	30.45 1.05 0.00	43.82 1.32 -0.53	48.89 1.66 -1.86	53.79 2.03 0.00	69.51 2.75 0.00	120.04 4.36 0.00	44.15 1.59 0.00	47.15 1.93 0.00	43.22 1.81 0.00	36.37 1.39 0.00
PJM_GEN_VFT_PROXY 323633	53.74 1.07 0.00	47.08 1.26 0.00	39.38 0.94 0.00	38.20 0.83 0.00	36.66 0.92 0.00	33.56 1.03 0.00	41.56 1.08 0.00	51.58 1.26 0.00	47.45 1.27 0.00	40.76 1.33 0.00	40.18 1.35 0.00	35.49 1.17 -0.17	29.40 1.07 -0.50	34.00 1.23 -1.00	30.69 1.28 0.00	43.94 1.44 -0.52	49.07 1.84 -1.86	54.00 2.24 0.00	69.97 3.22 0.00	120.62 4.94 0.00	44.28 1.73 0.00	46.99 1.76 0.00	43.05 1.64 0.00	36.28 1.30 0.00
PLATSBURG_115KV_PMLD1 355749	53.72 1.05 0.00	46.81 0.99 0.00	39.32 0.88 0.00	38.13 0.76 0.00	36.20 0.46 0.00	32.88 0.35 0.00	40.72 0.23 0.00	50.25 -0.06 0.00	46.12 -0.07 0.00	39.66 0.22 0.00	39.26 0.43 0.00	34.49 0.35 0.00	28.38 0.56 0.00	32.55 0.78 0.00	29.96 0.55 0.00	42.76 0.79 0.00	46.19 0.82 0.00	52.19 0.44 0.00	66.50 -0.26 0.00	115.98 0.31 0.00	42.21 -0.35 0.00	45.07 -0.16 0.00	41.53 0.12 0.00	34.81 -0.16 0.00
PLEASANTVLY___LBMP 24000	53.23 0.56 0.00	46.60 0.78 0.00	39.02 0.58 0.00	37.89 0.51 0.00	36.37 0.63 0.00	33.26 0.73 0.00	41.24 0.75 0.00	51.18 0.87 0.00	46.97 0.79 0.00	40.22 0.79 0.00	39.62 0.79 0.00	34.94 0.60 -0.19	28.94 0.55 -0.57	33.53 0.64 -1.13	30.13 0.73 0.00	43.32 0.76 -0.60	47.27 1.15 -0.75	53.35 1.59 0.00	69.07 2.31 0.00	119.11 3.42 0.00	43.73 1.17 0.00	46.43 1.20 0.00	42.58 1.17 0.00	35.91 0.93 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	53.74 1.07 0.00	47.06 1.24 0.00	39.39 0.96 0.00	38.24 0.86 0.00	36.70 0.95 0.00	33.57 1.04 0.00	41.62 1.13 0.00	51.70 1.38 0.00	47.48 1.30 0.00	40.72 1.29 0.00	40.11 1.28 0.00	35.39 1.08 -0.17	29.29 0.96 -0.51	33.90 1.11 -1.01	30.57 1.17 0.00	43.87 1.36 -0.54	47.84 1.80 -0.68	54.00 2.25 0.00	69.94 3.18 0.00	120.64 4.96 0.00	44.28 1.72 0.00	47.00 1.77 0.00	43.08 1.67 0.00	36.29 1.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	53.74 1.07 0.00	47.06 1.24 0.00	39.39 0.96 0.00	38.24 0.86 0.00	36.70 0.95 0.00	33.57 1.04 0.00	41.62 1.13 0.00	51.70 1.38 0.00	47.48 1.30 0.00	40.72 1.29 0.00	40.11 1.28 0.00	35.39 1.08 -0.17	29.29 0.96 -0.51	33.90 1.11 -1.01	30.57 1.17 0.00	43.87 1.36 -0.54	47.84 1.80 -0.68	54.00 2.25 0.00	69.94 3.18 0.00	120.64 4.96 0.00	44.28 1.72 0.00	47.00 1.77 0.00	43.08 1.67 0.00	36.29 1.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	53.62 0.95 0.00	46.88 1.07 0.00	39.25 0.82 0.00	38.13 0.76 0.00	36.60 0.86 0.00	33.47 0.94 0.00	41.56 1.07 0.00	51.62 1.30 0.00	47.35 1.17 0.00	40.45 1.02 0.00	39.83 0.99 0.00	35.00 0.72 -0.14	28.85 0.62 -0.41	33.32 0.73 -0.82	30.22 0.82 0.00	43.37 0.97 -0.43	47.35 1.43 -0.55	53.71 1.96 0.00	69.60 2.84 0.00	120.14 4.46 0.00	44.10 1.55 0.00	46.81 1.58 0.00	42.88 1.47 0.00	36.15 1.18 0.00
POLETTI___ 23519	53.94 1.27 0.00	47.28 1.46 0.00	39.56 1.13 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.82 1.50 0.00	47.67 1.48 0.00	40.95 1.51 0.00	40.36 1.53 0.00	35.65 1.33 -0.17	29.52 1.20 -0.50	34.14 1.37 -1.00	30.82 1.42 0.00	44.17 1.67 -0.53	48.12 2.08 -0.67	54.25 2.49 0.00	70.28 3.52 0.00	121.20 5.52 0.00	44.48 1.92 0.00	47.18 1.96 0.00	43.27 1.86 0.00	36.45 1.47 0.00
POMONA___ESR 323819	53.50 0.83 0.00	46.81 0.99 0.00	39.18 0.75 0.00	38.02 0.64 0.00	36.49 0.75 0.00	33.37 0.83 0.00	41.40 0.91 0.00	51.37 1.05 0.00	47.20 1.02 0.00	40.48 1.05 0.00	39.88 1.05 0.00	35.20 0.89 -0.16	29.09 0.80 -0.47	33.65 0.94 -0.94	30.41 1.01 0.00	43.62 1.15 -0.50	47.54 1.54 -0.62	53.71 1.95 0.00	69.58 2.83 0.00	119.89 4.22 0.00	44.02 1.47 0.00	46.73 1.51 0.00	42.82 1.41 0.00	36.08 1.10 0.00
PORT_JEFF_3 23555	53.85 1.18 0.00	47.30 1.48 0.00	39.64 1.20 0.00	38.51 1.14 0.00	36.83 1.09 0.00	33.76 1.23 0.00	41.68 1.20 0.00	51.48 1.17 0.00	47.24 1.05 0.00	40.54 1.11 0.00	40.12 1.28 0.00	35.31 1.00 -0.17	29.26 0.93 -0.50	33.89 1.12 -1.00	30.67 1.27 0.00	44.23 1.73 -0.53	48.15 2.11 -0.67	54.23 2.47 0.00	70.13 3.37 0.00	121.40 5.72 0.00	44.67 2.11 0.00	47.98 2.75 0.00	43.94 2.53 0.00	36.91 1.93 0.00

PORT_JEFF_4 23616	53.85 1.18 0.00	47.30 1.48 0.00	39.64 1.20 0.00	38.51 1.14 0.00	36.83 1.09 0.00	33.76 1.23 0.00	41.68 1.20 0.00	51.48 1.17 0.00	47.24 1.05 0.00	40.54 1.11 0.00	40.12 1.28 0.00	35.31 1.00 -0.17	29.26 0.93 -0.50	33.89 1.12 -1.00	30.67 1.27 0.00	44.23 1.73 -0.53	48.15 2.11 -0.67	54.23 2.47 0.00	70.13 3.37 0.00	121.40 5.72 0.00	44.67 2.11 0.00	47.98 2.75 0.00	43.94 2.53 0.00	36.91 1.93 0.00
PORT_JEFF_IC 23713	53.83 1.16 0.00	47.31 1.49 0.00	39.65 1.22 0.00	38.53 1.16 0.00	36.85 1.10 0.00	33.77 1.24 0.00	41.67 1.18 0.00	51.49 1.18 0.00	47.23 1.05 0.00	40.56 1.13 0.00	40.13 1.30 0.00	35.33 1.02 -0.17	29.26 0.94 -0.50	33.90 1.13 -1.00	30.69 1.29 0.00	44.25 1.75 -0.53	48.19 2.16 -0.67	54.27 2.52 0.00	70.20 3.44 0.00	121.55 5.87 0.00	44.71 2.15 0.00	48.03 2.80 0.00	43.99 2.58 0.00	36.96 1.98 0.00
PPL_PILGRIM_ST_GT1 24216	54.15 1.48 0.00	47.51 1.69 0.00	39.81 1.38 0.00	38.66 1.29 0.00	37.01 1.27 0.00	33.92 1.39 0.00	41.89 1.41 0.00	51.79 1.47 0.00	47.51 1.32 0.00	40.79 1.35 0.00	40.33 1.50 0.00	35.50 1.18 -0.17	29.39 1.06 -0.50	34.06 1.28 -1.00	30.85 1.44 0.00	44.48 1.98 -0.53	48.40 2.36 -0.67	54.58 2.82 0.00	70.50 3.74 0.00	121.60 5.92 0.00	44.82 2.27 0.00	48.07 2.85 0.00	44.04 2.64 0.00	37.02 2.04 0.00
PPL_PILGRIM_ST_GT2 24217	54.15 1.48 0.00	47.51 1.69 0.00	39.81 1.38 0.00	38.66 1.29 0.00	37.01 1.27 0.00	33.92 1.39 0.00	41.89 1.41 0.00	51.79 1.47 0.00	47.51 1.32 0.00	40.79 1.35 0.00	40.33 1.50 0.00	35.50 1.18 -0.17	29.39 1.06 -0.50	34.06 1.28 -1.00	30.85 1.44 0.00	44.48 1.98 -0.53	48.40 2.36 -0.67	54.58 2.82 0.00	70.50 3.74 0.00	121.60 5.92 0.00	44.82 2.27 0.00	48.07 2.85 0.00	44.04 2.64 0.00	37.02 2.04 0.00
PPL_SHRM_GT3 24213	53.52 0.85 0.00	47.18 1.36 0.00	39.56 1.12 0.00	38.51 1.13 0.00	36.70 0.96 0.00	33.58 1.05 0.00	41.49 1.01 0.00	51.17 0.86 0.00	47.02 0.84 0.00	40.33 0.90 0.00	40.10 1.27 0.00	35.16 0.85 -0.17	29.21 0.88 -0.50	33.75 0.98 -1.00	30.49 1.09 0.00	43.94 1.44 -0.53	47.89 1.86 -0.67	53.83 2.07 0.00	69.74 2.98 0.00	121.16 5.48 0.00	44.59 2.03 0.00	48.26 3.04 0.00	44.17 2.76 0.00	37.08 2.11 0.00
PPL_SHRM_GT4 24214	53.52 0.85 0.00	47.18 1.36 0.00	39.56 1.12 0.00	38.51 1.13 0.00	36.70 0.96 0.00	33.58 1.05 0.00	41.49 1.01 0.00	51.17 0.86 0.00	47.02 0.84 0.00	40.33 0.90 0.00	40.10 1.27 0.00	35.16 0.85 -0.17	29.21 0.88 -0.50	33.75 0.98 -1.00	30.49 1.09 0.00	43.94 1.44 -0.53	47.89 1.86 -0.67	53.83 2.07 0.00	69.74 2.98 0.00	121.16 5.48 0.00	44.59 2.03 0.00	48.26 3.04 0.00	44.17 2.76 0.00	37.08 2.11 0.00
PROJECT___ORANGE 1 24174	52.08 -0.59 0.00	45.50 -0.64 -0.32	38.26 -0.56 -0.39	36.83 -0.55 0.00	35.21 -0.53 0.00	32.04 -0.49 0.00	39.99 -0.50 0.00	49.79 -0.53 0.00	45.82 -0.36 0.00	41.00 -0.36 -1.93	38.52 -0.35 -0.04	33.88 -0.26 0.00	27.57 -0.25 0.00	31.56 -0.21 0.00	29.17 -0.24 0.00	41.60 -0.37 0.00	44.81 -0.56 0.00	51.13 -0.63 0.00	66.12 -0.64 0.00	114.60 -1.08 0.00	42.17 -0.39 0.00	44.75 -0.48 0.00	40.86 -0.55 0.00	34.51 -0.47 0.00
PROJECT___ORANGE 2 24166	52.08 -0.59 0.00	45.50 -0.64 -0.32	38.26 -0.56 -0.39	36.83 -0.55 0.00	35.21 -0.53 0.00	32.04 -0.49 0.00	39.99 -0.50 0.00	49.79 -0.53 0.00	45.82 -0.36 0.00	41.00 -0.36 -1.93	38.52 -0.35 -0.04	33.88 -0.26 0.00	27.57 -0.25 0.00	31.56 -0.21 0.00	29.17 -0.24 0.00	41.60 -0.37 0.00	44.81 -0.56 0.00	51.13 -0.63 0.00	66.12 -0.64 0.00	114.60 -1.08 0.00	42.17 -0.39 0.00	44.75 -0.48 0.00	40.86 -0.55 0.00	34.51 -0.47 0.00
PUCKETT___SOLAR 323809	66.19 0.17 -13.35	52.68 0.02 -6.85	45.56 -0.06 -7.19	42.13 -0.07 -4.82	40.20 -0.15 -4.60	32.29 -0.24 0.00	47.85 -0.30 -7.66	55.34 -0.26 -5.28	55.22 -0.33 -9.36	39.21 -0.22 0.00	38.60 -0.23 0.00	33.81 -0.33 0.00	27.29 -0.53 0.00	31.24 -0.53 0.00	29.03 -0.38 0.00	41.64 -0.32 0.01	44.68 -0.69 0.00	52.46 -0.71 -1.41	66.17 -0.58 0.00	118.15 -0.94 -3.40	45.53 -0.16 -3.14	48.64 -0.17 -3.58	42.07 -0.39 -1.05	34.59 -0.39 0.00
PYRITES___HYD 24023	54.56 1.89 0.00	61.10 1.71 -13.58	56.65 1.61 -16.61	38.96 1.58 0.00	37.09 1.35 0.00	33.77 1.24 0.00	41.86 1.37 0.00	52.03 1.72 0.00	47.55 1.36 0.00	123.16 1.32 -82.41	41.53 1.09 -1.61	35.25 1.11 0.00	28.93 1.10 0.00	33.09 1.31 0.00	30.52 1.12 0.00	43.77 1.80 0.00	46.60 1.23 0.00	52.42 0.66 0.00	67.00 0.24 0.00	117.33 1.65 0.00	42.99 0.43 -0.01	45.68 0.46 0.00	42.23 0.81 0.00	35.53 0.55 0.00
QUAKERRD_115KV_BK1 80622	50.59 -2.07 0.00	43.70 -2.12 0.00	36.66 -1.77 0.00	35.60 -1.77 0.00	33.93 -1.81 0.00	30.66 -1.87 0.00	38.50 -1.99 0.00	48.10 -2.22 0.00	44.69 -1.49 0.00	37.78 -1.65 0.00	37.21 -1.62 0.00	32.95 -1.19 0.00	26.80 -1.02 0.00	30.68 -1.09 0.00	28.27 -1.14 0.00	40.31 -1.67 -0.01	43.08 -2.29 0.00	48.91 -2.85 0.00	63.18 -3.58 0.00	110.28 -5.40 0.00	40.55 -2.00 0.00	43.01 -2.22 0.00	39.16 -2.25 0.00	33.17 -1.80 0.00
QUENSBRY_115KV_TB8 356137	54.46 1.79 0.00	47.47 1.65 0.00	39.79 1.35 0.00	38.84 1.46 0.00	37.38 1.63 0.00	34.22 1.69 0.00	42.74 2.25 0.00	53.06 2.74 0.00	48.38 2.20 0.00	40.98 1.55 0.00	40.17 1.34 0.00	35.27 1.17 0.04	28.29 0.58 0.11	31.98 0.44 0.22	29.94 0.53 0.00	43.21 1.24 0.00	47.73 2.36 0.00	54.93 3.17 0.00	70.77 4.01 0.00	122.04 6.36 0.00	44.72 2.17 0.00	47.52 2.30 0.00	43.46 2.05 0.00	36.74 1.77 0.00
RAMAPO___LBMP 323565	53.29 0.61 0.00	46.64 0.82 0.00	39.05 0.61 0.00	37.88 0.51 0.00	36.35 0.61 0.00	33.25 0.72 0.00	41.23 0.74 0.00	51.18 0.86 0.00	47.00 0.81 0.00	40.32 0.89 0.00	39.71 0.88 0.00	35.05 0.75 -0.16	28.97 0.68 -0.46	33.50 0.81 -0.92	30.28 0.88 0.00	43.41 0.95 -0.49	47.32 1.34 -0.61	53.46 1.71 0.00	69.28 2.52 0.00	119.39 3.72 0.00	43.82 1.27 0.00	46.51 1.29 0.00	42.65 1.24 0.00	35.93 0.96 0.00
RANKINE___ 23646	51.45 -1.22 0.00	44.00 -1.82 0.00	36.87 -1.57 0.00	35.67 -1.70 0.00	33.66 -2.08 0.00	29.86 -2.67 0.00	37.67 -2.81 0.00	39.34 -3.17 7.81	44.60 -1.59 0.00	37.13 -2.30 0.00	36.65 -2.18 0.00	32.85 -1.29 0.00	26.68 -1.14 0.00	30.54 -1.23 0.00	25.24 -1.63 2.54	29.47 -2.23 10.27	29.09 -3.51 12.77	30.06 -4.70 16.99	40.41 -6.31 20.04	78.64 -8.96 28.08	35.60 -3.10 3.85	41.77 -3.45 0.00	25.02 -3.58 12.81	20.49 -2.57 11.92
RAVENSWOOD_GT2_1 24244	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.64 1.45 0.00	40.91 1.48 0.00	40.32 1.49 0.00	35.61 1.30 -0.17	29.49 1.16 -0.50	34.11 1.34 -1.00	30.79 1.38 0.00	44.13 1.63 -0.53	48.07 2.03 -0.67	54.21 2.46 0.00	70.21 3.45 0.00	121.06 5.38 0.00	44.44 1.89 0.00	47.15 1.93 0.00	43.24 1.84 0.00	36.43 1.45 0.00

RAVENSWOOD_GT2_2 24245	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.64 1.45 0.00	40.91 1.48 0.00	40.32 1.49 0.00	35.61 1.30 -0.17	29.49 1.16 -0.50	34.11 1.34 -1.00	30.79 1.38 0.00	44.13 1.63 -0.53	48.07 2.03 -0.67	54.21 2.46 0.00	70.21 3.45 0.00	121.06 5.38 0.00	44.44 1.89 0.00	47.15 1.93 0.00	43.24 1.84 0.00	36.43 1.45 0.00
RAVENSWOOD_GT2_3 24246	53.94 1.27 0.00	47.26 1.44 0.00	39.57 1.13 0.00	38.39 1.01 0.00	36.84 1.10 0.00	33.72 1.19 0.00	41.75 1.26 0.00	51.82 1.50 0.00	47.66 1.47 0.00	40.93 1.50 0.00	40.35 1.52 0.00	35.63 1.31 -0.17	29.50 1.18 -0.50	34.12 1.35 -1.00	30.81 1.40 0.00	44.14 1.65 -0.53	48.09 2.05 -0.67	54.25 2.49 0.00	70.24 3.48 0.00	121.11 5.43 0.00	44.45 1.90 0.00	47.18 1.95 0.00	43.26 1.85 0.00	36.44 1.47 0.00
RAVENSWOOD_GT2_4 24247	53.94 1.27 0.00	47.26 1.44 0.00	39.57 1.13 0.00	38.39 1.01 0.00	36.84 1.10 0.00	33.72 1.19 0.00	41.75 1.26 0.00	51.82 1.50 0.00	47.66 1.47 0.00	40.93 1.50 0.00	40.35 1.52 0.00	35.63 1.31 -0.17	29.50 1.18 -0.50	34.12 1.35 -1.00	30.81 1.40 0.00	44.14 1.65 -0.53	48.09 2.05 -0.67	54.25 2.49 0.00	70.24 3.48 0.00	121.11 5.43 0.00	44.45 1.90 0.00	47.18 1.95 0.00	43.26 1.85 0.00	36.44 1.47 0.00
RAVENSWOOD_GT3_1 24248	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.64 1.45 0.00	40.91 1.48 0.00	40.32 1.49 0.00	35.61 1.30 -0.17	29.49 1.16 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.07 2.03 -0.67	54.21 2.46 0.00	70.21 3.45 0.00	121.07 5.39 0.00	44.44 1.89 0.00	47.15 1.93 0.00	43.25 1.84 0.00	36.43 1.45 0.00
RAVENSWOOD_GT3_2 24249	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.64 1.45 0.00	40.91 1.48 0.00	40.32 1.49 0.00	35.61 1.30 -0.17	29.49 1.16 -0.50	34.11 1.34 -1.00	30.79 1.39 0.00	44.13 1.63 -0.53	48.07 2.03 -0.67	54.21 2.46 0.00	70.21 3.45 0.00	121.07 5.39 0.00	44.44 1.89 0.00	47.15 1.93 0.00	43.25 1.84 0.00	36.43 1.45 0.00
RAVENSWOOD_GT3_3 24250	53.99 1.32 0.00	47.31 1.49 0.00	39.60 1.17 0.00	38.42 1.05 0.00	36.87 1.13 0.00	33.75 1.21 0.00	41.78 1.29 0.00	51.87 1.55 0.00	47.70 1.52 0.00	40.97 1.54 0.00	40.38 1.56 0.00	35.67 1.35 -0.17	29.54 1.21 -0.50	34.17 1.40 -1.00	30.84 1.44 0.00	44.18 1.68 -0.53	48.14 2.10 -0.67	54.30 2.54 0.00	70.31 3.55 0.00	121.22 5.54 0.00	44.50 1.95 0.00	47.22 2.00 0.00	43.30 1.89 0.00	36.47 1.50 0.00
RAVENSWOOD_GT3_4 24251	53.99 1.32 0.00	47.31 1.49 0.00	39.60 1.17 0.00	38.42 1.05 0.00	36.87 1.13 0.00	33.75 1.21 0.00	41.78 1.29 0.00	51.87 1.55 0.00	47.70 1.52 0.00	40.97 1.54 0.00	40.38 1.56 0.00	35.67 1.35 -0.17	29.54 1.21 -0.50	34.17 1.40 -1.00	30.84 1.44 0.00	44.18 1.68 -0.53	48.14 2.10 -0.67	54.30 2.54 0.00	70.31 3.55 0.00	121.22 5.54 0.00	44.50 1.95 0.00	47.22 2.00 0.00	43.30 1.89 0.00	36.47 1.50 0.00
RAVENSWOOD_GT_1 23729	54.10 1.43 0.00	47.42 1.60 0.00	39.73 1.29 0.00	38.53 1.16 0.00	37.00 1.25 0.00	33.87 1.33 -0.01	41.90 1.41 0.00	52.00 1.68 0.00	47.86 1.68 0.00	41.13 1.70 0.00	40.53 1.69 0.00	35.80 1.49 -0.17	29.64 1.31 -0.51	34.27 1.50 -1.00	30.97 1.55 -0.01	44.34 1.84 -0.53	48.29 2.25 -0.67	54.41 2.66 0.00	70.42 3.66 0.00	121.44 5.76 0.00	44.60 2.04 0.00	47.32 2.10 0.00	43.42 2.01 0.00	36.57 1.60 0.00
RAVENSWOOD_GT_10 24258	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.70 1.17 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.62 1.44 0.00	40.90 1.47 0.00	40.32 1.49 0.00	35.60 1.29 -0.17	29.48 1.16 -0.50	34.10 1.33 -1.00	30.78 1.38 0.00	44.12 1.62 -0.53	48.07 2.03 -0.67	54.21 2.45 0.00	70.21 3.45 0.00	121.06 5.38 0.00	44.44 1.88 0.00	47.15 1.93 0.00	43.24 1.83 0.00	36.43 1.45 0.00
RAVENSWOOD_GT_11 24259	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.70 1.17 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.62 1.44 0.00	40.90 1.47 0.00	40.32 1.49 0.00	35.60 1.29 -0.17	29.48 1.16 -0.50	34.10 1.33 -1.00	30.78 1.38 0.00	44.12 1.62 -0.53	48.07 2.03 -0.67	54.21 2.45 0.00	70.21 3.45 0.00	121.06 5.38 0.00	44.44 1.88 0.00	47.15 1.93 0.00	43.24 1.83 0.00	36.43 1.45 0.00
RAVENSWOOD_GT_4 24252	53.95 1.28 0.00	47.28 1.46 0.00	39.60 1.16 0.00	38.41 1.04 0.00	36.86 1.12 0.00	33.75 1.21 -0.01	41.77 1.28 0.00	51.85 1.53 0.00	47.69 1.51 0.00	40.96 1.52 0.00	40.36 1.53 0.00	35.66 1.34 -0.17	29.52 1.20 -0.51	34.15 1.37 -1.00	30.83 1.42 -0.01	44.17 1.68 -0.53	48.13 2.09 -0.67	54.26 2.50 0.00	70.25 3.50 0.00	121.13 5.45 0.00	44.47 1.92 0.00	47.19 1.96 0.00	43.29 1.88 0.00	36.46 1.48 0.00
RAVENSWOOD_GT_5 24254	53.95 1.28 0.00	47.28 1.46 0.00	39.60 1.16 0.00	38.41 1.04 0.00	36.86 1.12 0.00	33.75 1.21 -0.01	41.77 1.28 0.00	51.85 1.53 0.00	47.69 1.51 0.00	40.96 1.52 0.00	40.36 1.53 0.00	35.66 1.34 -0.17	29.52 1.20 -0.51	34.15 1.37 -1.00	30.83 1.42 -0.01	44.17 1.68 -0.53	48.13 2.09 -0.67	54.26 2.50 0.00	70.25 3.50 0.00	121.13 5.45 0.00	44.47 1.92 0.00	47.19 1.96 0.00	43.29 1.88 0.00	36.46 1.48 0.00
RAVENSWOOD_GT_6 24253	53.95 1.28 0.00	47.28 1.46 0.00	39.60 1.16 0.00	38.41 1.04 0.00	36.86 1.12 0.00	33.75 1.21 -0.01	41.77 1.28 0.00	51.85 1.53 0.00	47.69 1.51 0.00	40.96 1.52 0.00	40.36 1.53 0.00	35.66 1.34 -0.17	29.52 1.20 -0.51	34.15 1.37 -1.00	30.83 1.42 -0.01	44.17 1.68 -0.53	48.13 2.09 -0.67	54.26 2.50 0.00	70.25 3.50 0.00	121.13 5.45 0.00	44.47 1.92 0.00	47.19 1.96 0.00	43.29 1.88 0.00	36.46 1.48 0.00
RAVENSWOOD_GT_7 24255	53.95 1.28 0.00	47.28 1.46 0.00	39.60 1.16 0.00	38.41 1.04 0.00	36.86 1.12 0.00	33.75 1.21 -0.01	41.77 1.28 0.00	51.85 1.53 0.00	47.69 1.51 0.00	40.96 1.52 0.00	40.36 1.53 0.00	35.66 1.34 -0.17	29.52 1.20 -0.51	34.15 1.37 -1.00	30.83 1.42 -0.01	44.17 1.68 -0.53	48.13 2.09 -0.67	54.26 2.50 0.00	70.25 3.50 0.00	121.13 5.45 0.00	44.47 1.92 0.00	47.19 1.96 0.00	43.29 1.88 0.00	36.46 1.48 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.70 1.17 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.62 1.44 0.00	40.90 1.47 0.00	40.32 1.49 0.00	35.60 1.29 -0.17	29.48 1.16 -0.50	34.10 1.33 -1.00	30.78 1.38 0.00	44.12 1.62 -0.53	48.07 2.03 -0.67	54.21 2.45 0.00	70.21 3.45 0.00	121.06 5.38 0.00	44.44 1.88 0.00	47.15 1.93 0.00	43.24 1.83 0.00	36.43 1.45 0.00

RAVENSWOOD_GT_9 24257	53.90 1.23 0.00	47.24 1.42 0.00	39.55 1.11 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.70 1.17 0.00	41.74 1.25 0.00	51.80 1.49 0.00	47.62 1.44 0.00	40.90 1.47 0.00	40.32 1.49 0.00	35.60 1.29 -0.17	29.48 1.16 -0.50	34.10 1.33 -1.00	30.78 1.38 0.00	44.12 1.62 -0.53	48.07 2.03 -0.67	54.21 2.45 0.00	70.21 3.45 0.00	121.06 5.38 0.00	44.44 1.88 0.00	47.15 1.93 0.00	43.24 1.83 0.00	36.43 1.45 0.00
RAVENSWOOD___1 23533	54.05 1.38 0.00	47.35 1.53 0.00	39.67 1.24 0.00	38.49 1.12 0.00	36.94 1.20 0.00	33.82 1.28 -0.01	41.87 1.38 0.00	51.94 1.62 0.00	47.83 1.65 0.00	41.07 1.64 0.00	40.48 1.64 0.00	35.75 1.43 -0.17	29.60 1.28 -0.51	34.22 1.45 -1.00	30.91 1.50 -0.01	44.28 1.78 -0.53	48.23 2.19 -0.67	54.35 2.59 0.00	70.36 3.60 0.00	121.31 5.63 0.00	44.55 1.99 0.00	47.30 2.07 0.00	43.36 1.94 0.00	36.52 1.54 0.00
RAVENSWOOD___2 23534	54.05 1.38 0.00	47.35 1.53 0.00	39.67 1.24 0.00	38.49 1.12 0.00	36.94 1.20 0.00	33.82 1.28 -0.01	41.87 1.38 0.00	51.94 1.62 0.00	47.83 1.65 0.00	41.07 1.64 0.00	40.48 1.64 0.00	35.75 1.43 -0.17	29.60 1.28 -0.51	34.22 1.45 -1.00	30.91 1.50 -0.01	44.28 1.78 -0.53	48.23 2.19 -0.67	54.35 2.59 0.00	70.36 3.60 0.00	121.31 5.63 0.00	44.55 1.99 0.00	47.30 2.07 0.00	43.36 1.94 0.00	36.52 1.54 0.00
RAVENSWOOD___3 23535	53.93 1.26 0.00	47.25 1.43 0.00	39.55 1.12 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.70 1.17 0.00	41.75 1.27 0.00	51.82 1.50 0.00	47.66 1.48 0.00	40.91 1.48 0.00	40.32 1.49 0.00	35.61 1.29 -0.17	29.49 1.16 -0.50	34.10 1.33 -1.00	30.78 1.38 0.00	44.13 1.63 -0.53	48.06 2.02 -0.67	54.21 2.45 0.00	70.21 3.46 0.00	121.05 5.37 0.00	44.45 1.89 0.00	47.17 1.95 0.00	43.24 1.83 0.00	36.43 1.46 0.00
RAVENSWOOD___4 23820	54.05 1.38 0.00	47.35 1.53 0.00	39.67 1.24 0.00	38.49 1.12 0.00	36.94 1.20 0.00	33.82 1.28 -0.01	41.87 1.38 0.00	51.94 1.62 0.00	47.83 1.65 0.00	41.07 1.64 0.00	40.48 1.64 0.00	35.75 1.43 -0.17	29.60 1.28 -0.51	34.22 1.45 -1.00	30.91 1.50 -0.01	44.28 1.78 -0.53	48.23 2.19 -0.67	54.35 2.59 0.00	70.36 3.60 0.00	121.31 5.63 0.00	44.55 1.99 0.00	47.30 2.07 0.00	43.36 1.94 0.00	36.52 1.54 0.00
RCPI_TRUST___DRP 24196	54.14 1.48 0.00	47.47 1.65 0.00	39.72 1.29 0.00	38.54 1.17 0.00	36.99 1.25 0.00	33.86 1.33 0.00	41.94 1.45 0.00	52.11 1.79 0.00	47.95 1.77 0.00	41.19 1.76 0.00	40.62 1.79 0.00	35.89 1.57 -0.17	29.71 1.38 -0.50	34.36 1.59 -1.00	31.02 1.62 0.00	44.46 1.96 -0.53	48.43 2.39 -0.67	54.64 2.88 0.00	70.73 3.97 0.00	121.91 6.23 0.00	44.70 2.15 0.00	47.40 2.18 0.00	43.45 2.04 0.00	36.61 1.63 0.00
RED___ROCHESTER 323720	36.82 -0.77 15.08	37.05 -1.04 7.73	29.43 -0.88 8.12	31.00 -0.92 5.45	29.51 -1.03 5.20	31.31 -1.22 0.00	30.72 -1.12 8.65	43.33 -1.02 5.96	35.28 -0.34 10.58	38.73 -0.71 0.00	38.17 -0.66 0.00	33.87 -0.27 0.00	27.52 -0.30 0.00	31.54 -0.23 0.00	29.04 -0.37 0.00	41.41 -0.57 -0.02	44.15 -1.22 0.00	48.47 -1.69 1.59	64.63 -2.13 0.00	109.13 -2.70 3.84	37.97 -1.04 3.54	39.92 -1.27 4.04	38.88 -1.35 1.18	33.95 -1.02 0.00
REGAN___SOLAR 323812	54.85 2.18 0.00	47.62 1.80 0.00	39.85 1.41 0.00	38.71 1.34 0.00	37.04 1.30 0.00	33.81 1.27 0.00	42.24 1.76 0.00	52.61 2.29 0.00	47.87 1.68 0.00	40.89 1.46 0.00	39.84 1.00 0.00	35.00 0.86 0.00	28.16 0.34 0.00	31.50 -0.27 0.00	29.34 -0.07 0.00	42.99 1.02 0.00	47.30 1.93 0.00	54.00 2.24 0.00	69.89 3.13 0.00	121.27 5.60 0.00	44.59 2.03 0.00	47.32 2.10 0.00	43.20 1.79 0.00	36.46 1.48 0.00
RENSSELAER___COGEN 23796	53.35 0.68 0.00	46.46 0.64 0.00	38.98 0.54 0.00	37.97 0.59 0.00	36.44 0.70 0.00	33.19 0.66 0.00	41.30 0.81 0.00	51.19 0.88 0.00	46.91 0.72 0.00	39.97 0.54 0.00	39.31 0.48 0.00	34.34 0.24 0.05	27.84 0.16 0.14	31.52 0.03 0.28	29.58 0.17 0.00	42.12 0.29 0.14	45.97 0.78 0.18	52.92 1.16 0.00	68.32 1.56 0.00	117.96 2.28 0.00	43.39 0.84 0.00	46.23 1.01 0.00	42.34 0.94 0.00	35.81 0.83 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.39 2.72 0.00	48.33 2.51 0.00	40.59 2.16 0.00	39.89 2.51 0.00	38.65 2.91 0.00	35.71 3.18 0.00	44.87 4.39 0.00	55.59 5.28 0.00	50.36 4.17 0.00	41.99 2.55 0.00	41.00 2.16 0.00	36.30 2.19 0.04	28.79 1.08 0.11	32.59 1.05 0.22	30.46 1.05 0.00	43.97 2.00 0.00	49.54 4.17 0.00	57.50 5.74 0.00	73.68 6.92 0.00	126.55 10.87 0.00	46.02 3.47 0.00	48.84 3.61 0.00	44.74 3.32 0.00	37.82 2.84 0.00
REVERE_CPPR_DRP 24186	54.16 1.49 0.00	48.19 1.20 -1.17	40.85 0.98 -1.43	38.35 0.98 0.00	36.66 0.92 0.00	33.48 0.95 0.00	41.68 1.19 0.00	51.75 1.44 0.00	47.44 1.26 0.00	47.51 0.98 -7.10	39.92 0.95 -0.14	34.95 0.81 0.00	28.42 0.60 0.00	32.60 0.83 0.00	30.25 0.84 0.00	43.38 1.42 0.00	46.55 1.18 0.00	53.13 1.38 0.00	68.90 2.14 0.00	119.70 4.02 0.00	43.81 1.26 0.00	46.43 1.21 0.00	42.45 1.04 0.00	35.61 0.64 0.00
REYNLDPA_13_KV_LD 356490	53.46 0.79 0.00	44.47 0.63 1.98	36.80 0.79 2.42	38.20 0.83 0.00	36.41 0.67 0.00	33.07 0.55 0.00	41.09 0.60 0.00	50.92 0.60 0.00	46.54 0.35 0.00	27.82 0.42 12.03	39.23 0.63 0.23	34.81 0.67 0.00	28.50 0.68 0.00	32.57 0.79 0.00	30.07 0.66 0.00	42.96 0.99 0.00	46.04 0.67 0.00	51.74 -0.02 0.00	66.09 -0.66 0.00	115.36 -0.32 0.00	42.52 -0.03 0.00	45.42 0.20 0.00	41.61 0.20 0.00	35.14 0.17 0.00
REYNOLDS_115KV_TB3 80639	53.18 0.51 0.00	46.33 0.51 0.00	38.89 0.46 0.00	37.91 0.53 0.00	36.39 0.65 0.00	33.14 0.61 0.00	41.20 0.72 0.00	51.04 0.72 0.00	46.76 0.58 0.00	39.84 0.41 0.37	39.20 0.37 0.00	34.21 0.12 0.06	27.72 0.06 0.16	31.34 -0.11 0.32	29.45 0.04 0.00	41.91 0.11 0.16	45.80 0.63 0.20	52.77 1.02 0.00	68.13 1.37 0.00	117.60 1.92 0.00	43.25 0.70 0.00	46.11 0.89 0.00	42.26 0.85 0.00	35.76 0.79 0.00
RIVERBAY___ 323610	55.38 2.71 0.00	48.62 2.80 0.00	40.77 2.33 0.00	39.55 2.18 0.00	37.98 2.24 0.00	34.78 2.24 -0.01	43.01 2.52 0.00	53.49 3.18 0.00	49.22 3.03 0.00	42.18 2.74 0.00	41.49 2.66 0.00	36.66 2.34 -0.17	30.32 1.99 -0.51	34.92 2.15 -1.00	31.55 2.14 -0.01	45.15 2.64 -0.53	49.18 3.15 -0.67	55.46 3.71 0.00	71.80 5.05 0.00	124.10 8.42 0.00	45.56 3.00 0.00	48.30 3.07 0.00	44.33 2.92 0.00	37.31 2.33 0.00
RIVERSDE_115KV_TB3 55908	53.34 0.67 0.00	46.45 0.63 0.00	38.98 0.55 0.00	37.99 0.61 0.00	36.46 0.72 0.00	33.21 0.68 0.00	41.31 0.82 0.00	51.18 0.87 0.00	46.90 0.71 0.00	39.96 0.53 0.48	39.32 0.48 0.00	34.34 0.25 0.05	27.82 0.15 0.15	31.47 0.00 0.30	29.56 0.16 0.00	42.12 0.30 0.15	45.99 0.81 0.19	52.95 1.19 0.00	68.36 1.61 0.00	117.99 2.31 0.00	43.39 0.84 0.00	46.24 1.02 0.00	42.37 0.96 0.00	35.84 0.86 0.00

ROARING___BROOK_WT_PWR 323790	52.47 -0.20 0.00	45.67 -0.14 0.00	38.27 -0.16 0.00	37.07 -0.31 0.00	35.34 -0.40 0.00	32.29 -0.24 0.00	40.35 -0.14 0.00	50.23 -0.08 0.00	46.09 -0.09 0.00	37.77 -0.05 1.61	38.78 -0.03 0.03	34.14 0.00 0.00	27.84 0.02 0.00	31.80 0.03 0.00	29.41 0.01 0.00	41.99 0.02 0.00	45.34 -0.03 0.00	51.62 -0.14 0.00	66.49 -0.27 0.00	115.41 -0.27 0.00	42.40 -0.16 0.00	45.07 -0.15 0.00	41.30 -0.11 0.00	34.85 -0.13 0.00
ROCHESRG_115KV_T4 355643	51.39 -1.28 0.00	44.33 -1.49 0.00	37.19 -1.25 0.00	36.10 -1.27 0.00	34.36 -1.38 0.00	30.97 -1.56 0.00	38.93 -1.55 0.00	48.65 -1.67 0.00	45.33 -0.86 0.00	38.24 -1.19 0.00	37.66 -1.17 0.00	33.41 -0.74 0.00	27.16 -0.66 0.00	31.10 -0.67 0.00	28.63 -0.77 0.00	40.86 -1.13 -0.01	43.54 -1.83 0.00	49.33 -2.42 0.00	63.68 -3.08 0.00	111.35 -4.33 0.00	40.95 -1.60 0.00	43.44 -1.79 0.00	39.54 -1.87 0.00	33.55 -1.43 0.00
ROCHESTER_9_IC 23652	51.73 -0.93 0.00	44.61 -1.21 0.00	37.42 -1.02 0.00	36.33 -1.05 0.00	34.57 -1.17 0.00	31.18 -1.35 0.00	39.23 -1.25 0.00	49.05 -1.27 0.00	45.72 -0.46 0.00	38.56 -0.87 0.00	37.98 -0.85 0.00	33.70 -0.44 0.00	27.38 -0.44 0.00	31.38 -0.39 0.00	28.88 -0.52 0.00	41.20 -0.78 -0.02	43.89 -1.48 0.00	49.75 -2.01 0.00	64.19 -2.56 0.00	112.27 -3.40 0.00	41.29 -1.26 0.00	43.78 -1.45 0.00	39.83 -1.58 0.00	33.78 -1.20 0.00
ROCKVIEW_13_KV_LD 356306	53.85 1.18 0.00	47.18 1.36 0.00	39.48 1.05 0.00	38.31 0.94 0.00	36.76 1.02 0.00	33.64 1.11 0.00	41.73 1.24 0.00	51.81 1.49 0.00	47.60 1.42 0.00	40.84 1.41 0.00	40.25 1.41 0.00	35.52 1.21 -0.17	29.41 1.08 -0.50	34.01 1.24 -1.00	30.71 1.31 0.00	44.06 1.56 -0.53	48.01 1.98 -0.67	54.18 2.42 0.00	70.15 3.39 0.00	120.99 5.31 0.00	44.41 1.85 0.00	47.14 1.92 0.00	43.23 1.82 0.00	36.40 1.43 0.00
ROME___115KV_TB2 80656	54.16 1.49 0.00	48.19 1.20 -1.17	40.85 0.98 -1.43	38.35 0.98 0.00	36.66 0.92 0.00	33.48 0.95 0.00	41.68 1.19 0.00	51.75 1.44 0.00	47.44 1.26 0.00	47.51 0.98 -7.10	39.92 0.95 -0.14	34.95 0.81 0.00	28.42 0.60 0.00	32.60 0.83 0.00	30.25 0.84 0.00	43.38 1.42 0.00	46.55 1.18 0.00	53.13 1.38 0.00	68.90 2.14 0.00	119.70 4.02 0.00	43.81 1.26 0.00	46.43 1.21 0.00	42.45 1.04 0.00	35.61 0.64 0.00
ROSETON___1 23587	53.24 0.57 0.00	46.58 0.76 0.00	39.00 0.56 0.00	37.87 0.49 0.00	36.35 0.61 0.00	33.22 0.69 0.00	41.22 0.73 0.00	51.15 0.84 0.00	46.96 0.78 0.00	40.20 0.77 0.00	39.59 0.76 0.00	34.90 0.60 -0.16	28.83 0.54 -0.46	33.31 0.62 -0.92	30.11 0.71 0.00	43.22 0.77 -0.49	47.12 1.13 -0.61	53.29 1.54 0.00	69.01 2.25 0.00	119.00 3.32 0.00	43.71 1.15 0.00	46.42 1.19 0.00	42.53 1.12 0.00	35.88 0.90 0.00
ROSETON___2 23588	53.24 0.57 0.00	46.58 0.76 0.00	39.00 0.56 0.00	37.87 0.49 0.00	36.35 0.61 0.00	33.22 0.69 0.00	41.22 0.73 0.00	51.15 0.84 0.00	46.96 0.78 0.00	40.20 0.77 0.00	39.59 0.76 0.00	34.90 0.60 -0.16	28.83 0.54 -0.46	33.31 0.62 -0.92	30.11 0.71 0.00	43.22 0.77 -0.49	47.12 1.13 -0.61	53.29 1.54 0.00	69.01 2.25 0.00	119.00 3.32 0.00	43.71 1.15 0.00	46.42 1.19 0.00	42.53 1.12 0.00	35.88 0.90 0.00
ROTTRDAM_115KV_TB3 80664	53.35 0.68 0.00	46.45 0.63 0.00	38.94 0.51 0.00	37.90 0.53 0.00	36.33 0.59 0.00	33.14 0.61 0.00	41.23 0.75 0.00	51.19 0.88 0.00	46.89 0.70 0.00	40.02 0.59 0.00	39.28 0.45 0.00	34.45 0.34 0.03	27.87 0.15 0.10	31.64 0.06 0.19	29.53 0.12 0.00	42.27 0.30 0.00	46.08 0.71 0.00	52.77 1.02 0.00	68.15 1.39 0.00	117.79 2.11 0.00	43.32 0.77 0.00	46.07 0.85 0.00	42.19 0.78 0.00	35.65 0.67 0.00
RUSSELL___1 23602	51.96 -0.71 0.00	44.78 -1.04 0.00	37.55 -0.88 0.00	36.45 -0.92 0.00	34.70 -1.04 0.00	31.31 -1.23 0.00	39.42 -1.07 0.00	49.29 -1.03 0.00	45.94 -0.25 0.00	38.73 -0.70 0.00	38.17 -0.66 0.00	33.87 -0.27 0.00	27.52 -0.30 0.00	31.54 -0.23 0.00	29.04 -0.37 0.00	41.40 -0.58 -0.02	44.11 -1.26 0.00	50.01 -1.75 0.00	64.55 -2.21 0.00	112.89 -2.79 0.00	41.51 -1.05 0.00	44.00 -1.22 0.00	40.01 -1.39 0.00	33.93 -1.04 0.00
RUSSELL___2 23532	51.96 -0.71 0.00	44.78 -1.04 0.00	37.55 -0.88 0.00	36.45 -0.92 0.00	34.70 -1.04 0.00	31.31 -1.23 0.00	39.42 -1.07 0.00	49.29 -1.03 0.00	45.94 -0.25 0.00	38.73 -0.70 0.00	38.17 -0.66 0.00	33.87 -0.27 0.00	27.52 -0.30 0.00	31.54 -0.23 0.00	29.04 -0.37 0.00	41.40 -0.58 -0.02	44.11 -1.26 0.00	50.01 -1.75 0.00	64.55 -2.21 0.00	112.89 -2.79 0.00	41.51 -1.05 0.00	44.00 -1.22 0.00	40.01 -1.39 0.00	33.93 -1.04 0.00
RUSSELL___3 23549	51.96 -0.71 0.00	44.78 -1.04 0.00	37.55 -0.88 0.00	36.45 -0.92 0.00	34.70 -1.04 0.00	31.31 -1.23 0.00	39.42 -1.07 0.00	49.29 -1.03 0.00	45.94 -0.25 0.00	38.73 -0.70 0.00	38.17 -0.66 0.00	33.87 -0.27 0.00	27.52 -0.30 0.00	31.54 -0.23 0.00	29.04 -0.37 0.00	41.40 -0.58 -0.02	44.11 -1.26 0.00	50.01 -1.75 0.00	64.55 -2.21 0.00	112.89 -2.79 0.00	41.51 -1.05 0.00	44.00 -1.22 0.00	40.01 -1.39 0.00	33.93 -1.04 0.00
RUSSELL___4 23556	51.96 -0.71 0.00	44.78 -1.04 0.00	37.55 -0.88 0.00	36.45 -0.92 0.00	34.70 -1.04 0.00	31.31 -1.23 0.00	39.42 -1.07 0.00	49.29 -1.03 0.00	45.94 -0.25 0.00	38.73 -0.70 0.00	38.17 -0.66 0.00	33.87 -0.27 0.00	27.52 -0.30 0.00	31.54 -0.23 0.00	29.04 -0.37 0.00	41.40 -0.58 -0.02	44.11 -1.26 0.00	50.01 -1.75 0.00	64.55 -2.21 0.00	112.89 -2.79 0.00	41.51 -1.05 0.00	44.00 -1.22 0.00	40.01 -1.39 0.00	33.93 -1.04 0.00
RUSSELL___STATION 23914	51.96 -0.71 0.00	44.78 -1.04 0.00	37.55 -0.88 0.00	36.45 -0.92 0.00	34.70 -1.04 0.00	31.31 -1.23 0.00	39.42 -1.07 0.00	49.29 -1.03 0.00	45.94 -0.25 0.00	38.73 -0.70 0.00	38.17 -0.66 0.00	33.87 -0.27 0.00	27.52 -0.30 0.00	31.54 -0.23 0.00	29.04 -0.37 0.00	41.40 -0.58 -0.02	44.11 -1.26 0.00	50.01 -1.75 0.00	64.55 -2.21 0.00	112.89 -2.79 0.00	41.51 -1.05 0.00	44.00 -1.22 0.00	40.01 -1.39 0.00	33.93 -1.04 0.00
S SALMON___HYD 24043	51.85 -0.82 0.00	47.28 -0.73 -2.20	40.59 -0.53 -2.69	36.91 -0.46 0.00	35.29 -0.45 0.00	32.22 -0.31 0.00	39.85 -0.64 0.00	49.28 -1.03 0.00	45.02 -1.17 0.00	51.63 -1.14 -13.33	37.85 -1.24 -0.26	32.93 -1.21 0.00	26.83 -0.99 0.00	30.87 -0.91 0.00	28.56 -0.84 0.00	41.34 -0.63 0.00	43.90 -1.47 0.00	50.24 -1.51 0.00	65.02 -1.74 0.00	113.16 -2.52 0.00	41.51 -1.05 0.00	43.92 -1.30 0.00	40.25 -1.16 0.00	33.64 -1.33 0.00
S.PERRY___115KV_TB1 80734	53.14 0.47 0.00	45.65 -0.17 0.00	38.19 -0.24 0.00	36.91 -0.46 0.00	34.68 -1.07 0.00	30.50 -2.03 0.00	39.35 -1.14 0.00	71.72 -0.93 -22.33	46.01 -0.17 0.00	38.51 -0.92 0.00	37.94 -0.90 0.00	33.96 -0.18 0.00	27.43 -0.39 0.00	31.50 -0.28 0.00	36.57 -0.55 -7.72	72.24 -1.15 -31.41	81.95 -2.27 -38.85	101.47 -2.00 -51.70	125.41 -2.31 -60.96	198.74 -2.37 -85.43	53.54 -0.73 -11.71	44.38 -0.85 0.00	78.95 -1.44 -38.98	70.05 -1.19 -36.26

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.72 -1.95 0.00	43.41 -2.42 0.00	36.40 -2.04 0.00	35.21 -2.16 0.00	33.26 -2.49 0.00	29.49 -3.04 0.00	37.18 -3.30 0.00	38.89 -3.79 7.64	44.03 -2.16 0.00	36.65 -2.78 0.00	36.13 -2.70 0.00	32.36 -1.78 0.00	26.29 -1.53 0.00	30.09 -1.68 0.00	24.89 -1.96 2.56	28.96 -2.65 10.36	28.51 -3.99 12.87	29.26 -5.36 17.13	39.46 -7.10 20.20	77.11 -10.25 28.31	35.04 -3.63 3.88	41.23 -4.00 0.00	24.50 -3.99 12.92	20.08 -2.88 12.02
SAWYER__23_KV_LOAD 55526	50.72 -1.95 0.00	43.41 -2.42 0.00	36.40 -2.04 0.00	35.21 -2.16 0.00	33.26 -2.49 0.00	29.49 -3.04 0.00	37.18 -3.30 0.00	38.89 -3.79 7.64	44.03 -2.16 0.00	36.65 -2.78 0.00	36.13 -2.70 0.00	32.36 -1.78 0.00	26.29 -1.53 0.00	30.09 -1.68 0.00	24.89 -1.96 2.56	28.96 -2.65 10.36	28.51 -3.99 12.87	29.26 -5.36 17.13	39.46 -7.10 20.20	77.11 -10.25 28.31	35.04 -3.63 3.88	41.23 -4.00 0.00	24.50 -3.99 12.92	20.08 -2.88 12.02
SELKIRK__I 23801	53.48 0.81 0.00	46.57 0.75 0.00	39.06 0.63 0.00	38.03 0.66 0.00	36.46 0.72 0.00	33.21 0.68 0.00	41.34 0.85 0.00	51.25 0.94 0.00	46.91 0.72 0.00	39.99 0.56 0.00	39.21 0.38 0.00	34.38 0.24 0.00	27.93 0.11 0.00	31.78 0.00 0.00	29.58 0.18 0.00	42.28 0.30 0.00	46.11 0.74 0.00	52.84 1.08 0.00	68.24 1.48 0.00	117.89 2.22 0.00	43.39 0.84 0.00	46.21 0.98 0.00	42.32 0.91 0.00	35.77 0.80 0.00
SELKIRK__II 23799	53.24 0.57 0.00	46.36 0.55 0.00	38.89 0.46 0.00	37.87 0.49 0.00	36.32 0.57 0.00	33.08 0.55 0.00	41.17 0.68 0.00	51.03 0.72 0.00	46.78 0.59 0.00	39.89 0.45 0.00	39.23 0.39 0.00	34.32 0.21 0.04	27.85 0.14 0.11	31.61 0.06 0.22	29.58 0.17 0.00	42.21 0.24 0.00	46.02 0.65 0.00	52.72 0.97 0.00	68.09 1.33 0.00	117.58 1.90 0.00	43.27 0.71 0.00	46.07 0.85 0.00	42.20 0.79 0.00	35.67 0.69 0.00
SENECA OSWGO__HYD 24041	50.93 -1.74 0.00	44.88 -1.61 -0.66	37.89 -1.36 -0.81	36.07 -1.31 0.00	34.50 -1.24 0.00	31.41 -1.12 0.00	39.19 -1.30 0.00	48.79 -1.53 0.00	44.86 -1.33 -4.03	42.27 -1.19 -0.08	37.74 -1.17 0.00	33.11 -1.03 0.00	26.97 -0.86 0.00	30.83 -0.94 0.00	28.53 -0.88 0.00	40.73 -1.24 0.00	43.88 -1.49 0.00	50.17 -1.59 0.00	64.84 -1.92 0.00	112.34 -3.34 0.00	41.32 -1.23 0.00	43.82 -1.40 0.00	40.03 -1.38 0.00	33.77 -1.20 0.00
SENECA__115KV_TB3 355854	10.96 -1.29 40.43	23.33 -1.76 20.73	15.16 -1.51 21.77	21.12 -1.65 14.61	19.76 -2.03 13.95	29.91 -2.62 0.00	14.43 -2.85 23.20	23.42 -3.09 23.80	16.12 -1.70 28.36	37.20 -2.23 0.00	36.71 -2.12 0.00	32.90 -1.25 0.00	26.73 -1.09 0.00	30.60 -1.18 0.00	25.30 -1.57 2.54	29.57 -2.13 10.27	29.22 -3.38 12.77	26.14 -4.52 21.09	40.65 -6.08 20.04	69.01 -8.69 37.98	26.55 -3.03 12.97	31.36 -3.47 10.40	22.12 -3.43 15.86	20.58 -2.47 11.92
SENECA__ENERGY 23797	52.00 -0.66 0.00	45.08 -0.74 0.00	37.76 -0.68 0.00	36.68 -0.69 0.00	34.92 -0.82 0.00	31.68 -0.85 0.00	39.63 -0.86 0.00	51.13 -0.81 -1.62	45.66 -0.52 0.00	38.88 -0.55 0.00	38.28 -0.55 0.00	33.78 -0.36 0.00	27.46 -0.36 0.00	31.38 -0.39 0.00	29.52 -0.41 -0.53	43.37 -0.73 -2.14	46.83 -1.18 -2.64	53.94 -1.33 -3.51	69.56 -1.34 -4.14	119.39 -2.09 -5.80	42.67 -0.68 -0.79	44.39 -0.84 0.00	43.07 -0.99 -2.65	36.60 -0.84 -2.46
SHOEMAKER__GT 23640	53.18 0.51 0.00	46.47 0.65 0.00	38.91 0.48 0.00	37.77 0.40 0.00	36.23 0.49 0.00	33.12 0.59 0.00	41.13 0.64 0.00	51.06 0.75 0.00	46.87 0.69 0.00	40.07 0.63 0.00	39.37 0.54 0.00	34.70 0.42 -0.14	28.63 0.39 -0.42	33.09 0.49 -0.83	30.00 0.60 0.00	43.11 0.70 -0.44	46.91 0.98 -0.55	53.04 1.28 0.00	68.78 2.02 0.00	118.70 3.02 0.00	43.60 1.05 0.00	46.31 1.08 0.00	42.40 0.99 0.00	35.75 0.77 0.00
SHOEMAKR_138KV_BK 111 55601	53.14 0.47 0.00	46.45 0.63 0.00	38.90 0.46 0.00	37.77 0.39 0.00	36.22 0.48 0.00	33.11 0.58 0.00	41.10 0.61 0.00	51.04 0.73 0.00	46.83 0.65 0.00	40.07 0.64 0.00	39.39 0.56 0.00	34.73 0.44 -0.14	28.65 0.41 -0.41	33.11 0.52 -0.82	30.01 0.61 0.00	43.10 0.70 -0.43	46.91 0.99 -0.55	53.05 1.29 0.00	68.77 2.02 0.00	118.68 3.00 0.00	43.60 1.04 0.00	46.28 1.05 0.00	42.40 0.99 0.00	35.74 0.77 0.00
SHOREHAM_IC_1 23715	53.52 0.85 0.00	47.18 1.36 0.00	39.56 1.12 0.00	38.51 1.13 0.00	36.70 0.96 0.00	33.58 1.05 0.00	41.49 1.01 0.00	51.17 0.86 0.00	47.02 0.84 0.00	40.33 0.90 0.00	40.10 1.27 0.00	35.16 0.85 -0.17	29.21 0.88 -0.50	33.75 0.98 -1.00	30.49 1.09 0.00	43.94 1.44 -0.53	47.89 1.86 -0.67	53.83 2.07 0.00	69.74 2.98 0.00	121.16 5.48 0.00	44.59 2.03 0.00	48.26 3.04 0.00	44.17 2.76 0.00	37.08 2.11 0.00
SHOREHAM_IC_2 23716	53.52 0.85 0.00	47.18 1.36 0.00	39.56 1.12 0.00	38.51 1.13 0.00	36.70 0.96 0.00	33.58 1.05 0.00	41.49 1.01 0.00	51.17 0.86 0.00	47.02 0.84 0.00	40.33 0.90 0.00	40.10 1.27 0.00	35.16 0.85 -0.17	29.21 0.88 -0.50	33.75 0.98 -1.00	30.49 1.09 0.00	43.94 1.44 -0.53	47.89 1.86 -0.67	53.83 2.07 0.00	69.74 2.98 0.00	121.16 5.48 0.00	44.59 2.03 0.00	48.26 3.04 0.00	44.17 2.76 0.00	37.08 2.11 0.00
SISSONVILLE__ 23735	53.55 0.88 0.00	59.53 0.89 -12.83	55.02 0.90 -15.69	38.23 0.86 0.00	36.37 0.63 0.00	33.07 0.55 0.00	40.88 0.39 0.00	50.73 0.42 0.00	46.39 0.20 -77.85	117.69 0.40 -1.52	40.66 0.31 0.00	34.48 0.34 0.00	28.29 0.46 0.00	32.37 0.60 0.00	29.90 0.49 0.00	42.80 0.83 0.00	45.43 0.06 0.00	51.08 -0.68 0.00	65.19 -1.57 0.00	114.04 -1.64 0.00	41.82 -0.74 -0.01	44.51 -0.71 0.00	41.27 -0.14 0.00	34.72 -0.25 0.00
SITHE_IND_GS1 24169	51.17 -1.51 0.00	44.42 -1.40 0.00	37.26 -1.18 0.00	36.24 -1.14 0.00	34.63 -1.11 0.00	31.50 -1.03 0.00	39.26 -1.23 0.00	48.85 -1.47 0.00	44.94 -1.25 0.00	38.31 -1.12 0.00	37.73 -1.10 0.00	33.21 -0.93 0.00	27.06 -0.76 0.00	30.91 -0.85 0.00	28.60 -0.81 0.00	40.79 -1.18 0.00	43.95 -1.42 0.00	50.17 -1.59 0.00	64.80 -1.96 0.00	112.33 -3.34 0.00	41.33 -1.22 0.00	43.89 -1.33 0.00	40.14 -1.27 0.00	33.92 -1.05 0.00
SITHE_IND_GS2 24170	51.17 -1.51 0.00	44.42 -1.40 0.00	37.26 -1.18 0.00	36.24 -1.14 0.00	34.63 -1.11 0.00	31.50 -1.03 0.00	39.26 -1.23 0.00	48.85 -1.47 0.00	44.94 -1.25 0.00	38.31 -1.12 0.00	37.73 -1.10 0.00	33.21 -0.93 0.00	27.06 -0.76 0.00	30.91 -0.85 0.00	28.60 -0.81 0.00	40.79 -1.18 0.00	43.95 -1.42 0.00	50.17 -1.59 0.00	64.80 -1.96 0.00	112.33 -3.34 0.00	41.33 -1.22 0.00	43.89 -1.33 0.00	40.14 -1.27 0.00	33.92 -1.05 0.00
SITHE_IND_GS3 24171	51.17 -1.51 0.00	44.42 -1.40 0.00	37.26 -1.18 0.00	36.24 -1.14 0.00	34.63 -1.11 0.00	31.50 -1.03 0.00	39.26 -1.23 0.00	48.85 -1.47 0.00	44.94 -1.25 0.00	38.31 -1.12 0.00	37.73 -1.10 0.00	33.21 -0.93 0.00	27.06 -0.76 0.00	30.91 -0.85 0.00	28.60 -0.81 0.00	40.79 -1.18 0.00	43.95 -1.42 0.00	50.17 -1.59 0.00	64.80 -1.96 0.00	112.33 -3.34 0.00	41.33 -1.22 0.00	43.89 -1.33 0.00	40.14 -1.27 0.00	33.92 -1.05 0.00

SITHE_IND_GS4 24172	51.17 -1.51 0.00	44.42 -1.40 0.00	37.26 -1.18 0.00	36.24 -1.14 0.00	34.63 -1.11 0.00	31.50 -1.03 0.00	39.26 -1.23 0.00	48.85 -1.47 0.00	44.94 -1.25 0.00	38.31 -1.12 0.00	37.73 -1.10 0.00	33.21 -0.93 0.00	27.06 -0.76 0.00	30.91 -0.85 0.00	28.60 -0.81 0.00	40.79 -1.18 0.00	43.95 -1.42 0.00	50.17 -1.59 0.00	64.80 -1.96 0.00	112.33 -3.34 0.00	41.33 -1.22 0.00	43.89 -1.33 0.00	40.14 -1.27 0.00	33.92 -1.05 0.00
SITHE__BATAVIA 24024	25.78 -0.89 26.00	31.24 -1.25 13.33	23.37 -1.07 13.99	26.83 -1.16 9.38	25.38 -1.41 8.96	30.73 -1.80 0.00	23.78 -1.81 14.90	34.84 -1.75 13.72	27.38 -0.60 18.21	38.12 -1.31 0.00	37.57 -1.26 0.00	33.62 -0.52 0.00	27.14 -0.68 0.00	31.22 -0.55 0.00	27.36 -0.74 1.31	35.63 -1.05 5.29	36.54 -2.25 6.59	37.03 -3.24 11.49	52.35 -4.08 10.34	89.54 -5.09 21.05	32.62 -1.90 8.04	36.07 -2.26 6.90	30.62 -2.16 8.63	27.33 -1.49 6.15
SITHE__INDEPEND 23800	51.16 -1.51 0.00	44.42 -1.40 0.00	37.26 -1.18 0.00	36.23 -1.15 0.00	34.62 -1.11 0.00	31.50 -1.03 0.00	39.26 -1.23 0.00	48.85 -1.46 0.00	44.94 -1.25 0.00	38.31 -1.12 0.00	37.73 -1.10 0.00	33.21 -0.93 0.00	27.06 -0.76 0.00	30.91 -0.86 0.00	28.60 -0.81 0.00	40.79 -1.18 0.00	43.95 -1.42 0.00	50.16 -1.60 0.00	64.78 -1.98 0.00	112.30 -3.37 0.00	41.33 -1.22 0.00	43.89 -1.33 0.00	40.13 -1.28 0.00	33.92 -1.06 0.00
SITHE__MASSENA 23902	53.87 1.20 0.00	65.46 1.15 -18.49	62.16 1.10 -22.62	38.41 1.04 0.00	36.60 0.86 0.00	33.24 0.71 0.00	41.26 0.77 0.00	51.24 0.93 0.00	46.97 0.78 0.00	152.51 0.81 -112.26	41.80 0.78 -2.19	34.91 0.77 0.00	28.61 0.78 0.00	32.69 0.92 0.00	30.19 0.78 0.00	43.16 1.19 0.00	46.21 0.84 0.00	52.13 0.38 0.00	66.67 -0.09 0.00	116.48 0.80 0.00	42.82 0.25 -0.01	45.50 0.27 0.00	41.81 0.40 0.00	35.25 0.28 0.00
SITHE__OGDNSBRG 24021	54.68 2.01 0.00	62.68 1.83 -15.03	58.52 1.70 -18.38	39.01 1.64 0.00	37.17 1.42 0.00	33.82 1.28 0.00	41.98 1.49 0.00	52.16 1.85 0.00	47.69 1.51 0.00	132.08 1.43 -91.22	41.80 1.19 -1.78	35.35 1.21 0.00	28.99 1.17 0.00	33.16 1.39 0.00	30.60 1.19 0.00	43.87 1.90 0.00	46.86 1.49 0.00	52.78 1.02 0.00	67.49 0.73 0.00	118.14 2.47 0.00	43.32 0.76 -0.01	45.99 0.76 0.00	42.41 1.00 0.00	35.72 0.75 0.00
SITHE__STERLING 23777	53.62 0.95 0.00	47.33 0.73 -0.78	39.98 0.60 -0.95	37.97 0.60 0.00	36.30 0.55 0.00	33.10 0.57 0.00	41.26 0.77 0.00	51.30 0.99 0.00	47.09 0.90 0.00	44.84 0.70 -4.71	39.62 0.69 -0.09	34.74 0.60 0.00	28.24 0.42 0.00	32.35 0.58 0.00	29.97 0.56 0.00	42.90 0.93 0.00	46.16 0.79 0.00	52.68 0.92 0.00	68.29 1.53 0.00	118.50 2.82 0.00	43.42 0.87 0.00	46.08 0.85 0.00	42.12 0.71 0.00	35.41 0.43 0.00
SLEIGHT__34_KV_TB1 80719	51.54 -1.13 0.00	44.57 -1.25 0.00	37.38 -1.06 0.00	36.32 -1.05 0.00	34.60 -1.15 0.00	31.36 -1.17 0.00	39.40 -1.09 0.00	49.21 -1.11 0.00	45.61 -0.58 0.00	38.62 -0.81 0.00	38.05 -0.78 0.00	33.64 -0.50 0.00	27.36 -0.46 0.00	31.28 -0.50 0.00	28.87 -0.53 0.00	41.11 -0.87 -0.01	43.99 -1.38 0.00	50.05 -1.70 0.00	64.78 -1.98 0.00	112.83 -2.85 0.00	41.50 -1.06 0.00	44.00 -1.23 0.00	40.06 -1.35 0.00	33.88 -1.10 0.00
SMITHTWN_69_KV_BK 1 55830	53.94 1.27 0.00	47.38 1.56 0.00	39.70 1.27 0.00	38.57 1.20 0.00	36.89 1.15 0.00	33.82 1.29 0.00	41.74 1.26 0.00	51.61 1.29 0.00	47.33 1.14 0.00	40.63 1.20 0.00	40.17 1.34 0.00	35.37 1.06 -0.17	29.29 0.96 -0.50	33.94 1.17 -1.00	30.74 1.34 0.00	44.32 1.82 -0.53	48.26 2.22 -0.67	54.40 2.65 0.00	70.36 3.60 0.00	121.79 6.11 0.00	44.80 2.25 0.00	48.09 2.86 0.00	44.04 2.63 0.00	37.00 2.02 0.00
SOUTH CAIRO__GT 23612	54.84 2.17 0.00	47.70 1.88 0.00	40.01 1.57 0.00	38.98 1.61 0.00	37.40 1.65 0.00	34.12 1.59 0.00	42.66 2.18 0.00	53.10 2.79 0.00	48.56 2.38 0.00	41.00 1.57 0.00	40.13 1.29 0.00	34.89 0.75 0.00	28.35 0.52 0.00	32.17 0.40 0.00	30.10 0.70 0.00	42.88 0.91 0.00	47.45 2.08 0.00	54.57 2.82 0.00	70.65 3.89 0.00	122.04 6.36 0.00	44.87 2.32 0.00	47.66 2.44 0.00	43.56 2.15 0.00	36.74 1.77 0.00
SOUTH HAMPTN__IC 23720	53.79 1.12 0.00	47.63 1.81 0.00	39.94 1.50 0.00	38.88 1.51 0.00	37.06 1.32 0.00	33.96 1.43 0.00	41.98 1.50 0.00	51.80 1.48 0.00	47.53 1.35 0.00	40.72 1.29 0.00	40.40 1.57 0.00	35.43 1.11 -0.17	29.41 1.08 -0.50	33.99 1.22 -1.00	30.77 1.36 0.00	44.34 1.84 -0.53	48.37 2.33 -0.67	54.40 2.65 0.00	70.51 3.75 0.00	122.51 6.83 0.00	45.05 2.50 0.00	48.70 3.48 0.00	44.54 3.13 0.00	37.39 2.41 0.00
SOUTH DOW__115KV_TB1 355954	52.40 -0.27 0.00	44.76 -1.06 0.00	37.31 -1.12 0.00	35.96 -1.41 0.00	33.90 -1.84 0.00	30.19 -2.34 -0.01	52.98 -2.41 -14.90	44.09 -2.16 4.07	45.44 -0.74 0.00	38.05 -1.38 0.00	37.90 -0.93 0.00	34.05 -0.09 0.00	27.64 -0.19 0.00	31.04 -0.73 0.00	26.53 -1.35 1.53	33.65 -2.14 6.18	34.76 -2.92 7.70	37.57 -3.94 10.24	49.58 -5.10 12.08	92.70 -6.06 16.92	38.37 -1.86 2.32	42.41 -2.82 0.00	30.46 -3.23 7.72	25.61 -2.18 7.18
SOUTH DOW__69_KV_BK 2 55809	54.02 1.35 0.00	48.11 2.29 0.00	40.34 1.90 0.00	39.27 1.90 0.00	37.46 1.72 0.00	34.33 1.79 0.00	42.46 1.97 0.00	52.44 2.12 0.00	48.08 1.90 0.00	41.13 1.70 0.00	40.75 1.92 0.00	35.71 1.40 -0.17	29.62 1.29 -0.50	34.26 1.49 -1.00	31.05 1.65 0.00	44.75 2.25 -0.53	48.89 2.85 -0.67	55.00 3.25 0.00	71.36 4.61 0.00	124.02 8.34 0.00	45.54 2.98 0.00	49.17 3.95 0.00	44.99 3.58 0.00	37.74 2.77 0.00
SOUTH DOW__IC 23719	54.06 1.39 0.00	48.11 2.29 0.00	40.33 1.90 0.00	39.27 1.90 0.00	37.46 1.71 0.00	34.33 1.79 0.00	42.48 2.00 0.00	52.44 2.12 0.00	48.11 1.92 0.00	41.14 1.70 0.00	40.75 1.92 0.00	35.71 1.40 -0.17	29.62 1.29 -0.50	34.25 1.48 -1.00	31.04 1.64 0.00	44.75 2.25 -0.53	48.87 2.83 -0.67	55.00 3.24 0.00	71.35 4.59 0.00	123.97 8.29 0.00	45.55 2.99 0.00	49.19 3.96 0.00	44.98 3.57 0.00	37.74 2.76 0.00
SOUTH FORK_WT_PWR 323839	53.78 1.11 0.00	48.17 2.36 0.00	40.40 1.97 0.00	39.33 1.95 0.00	37.50 1.76 0.00	34.37 1.84 0.00	42.55 2.07 0.00	52.51 2.19 0.00	48.16 1.97 0.00	41.19 1.75 0.00	40.79 1.96 0.00	35.74 1.43 -0.17	29.64 1.31 -0.50	34.28 1.51 -1.00	31.07 1.67 0.00	44.79 2.29 -0.53	48.92 2.88 -0.67	55.06 3.30 0.00	71.42 4.66 0.00	124.08 8.40 0.00	45.60 3.05 0.00	49.26 4.04 0.00	45.03 3.62 0.00	37.78 2.80 0.00
SPIERFLS_115KV_TB 1 80737	54.32 1.65 0.00	47.36 1.54 0.00	39.69 1.26 0.00	38.71 1.34 0.00	37.24 1.50 0.00	34.06 1.53 0.00	42.51 2.03 0.00	52.79 2.48 0.00	48.17 1.98 0.00	40.87 1.43 0.00	40.06 1.23 0.00	35.16 1.06 0.04	28.23 0.52 0.11	31.92 0.38 0.22	29.89 0.48 0.00	43.09 1.12 0.00	47.49 2.12 0.00	54.61 2.85 0.00	70.39 3.63 0.00	121.44 5.76 0.00	44.52 1.97 0.00	47.32 2.10 0.00	43.28 1.87 0.00	36.58 1.60 0.00

ST LAWRENCE____ 23600	53.11 0.45 0.00	44.79 0.41 1.44	37.13 0.43 1.74	37.78 0.41 0.00	36.02 0.28 0.00	32.73 0.20 0.00	40.66 0.17 0.00	50.53 0.21 0.00	46.32 0.13 0.00	30.56 0.17 9.04	38.88 0.22 0.18	34.44 0.30 0.00	28.19 0.37 0.00	32.21 0.44 0.00	29.73 0.33 0.00	42.47 0.50 0.00	45.64 0.27 0.00	51.59 -0.16 0.00	66.09 -0.67 0.00	115.32 -0.36 0.00	42.32 -0.23 0.00	45.01 -0.21 0.00	41.28 -0.13 0.00	34.82 -0.16 0.00
STATE_CA_115KV_115_LB 55624	53.60 0.93 0.00	46.68 0.86 0.00	39.17 0.73 0.00	38.15 0.78 0.00	36.61 0.87 0.00	33.36 0.83 0.00	41.51 1.02 0.00	51.47 1.15 0.00	47.16 0.97 0.00	40.21 0.77 0.00	39.52 0.69 0.00	34.54 0.45 0.05	27.98 0.30 0.14	31.65 0.16 0.28	29.73 0.32 0.00	42.40 0.58 0.14	46.29 1.10 0.18	53.24 1.48 0.00	68.75 1.99 0.00	118.69 3.01 0.00	43.65 1.09 0.00	46.48 1.25 0.00	42.56 1.15 0.00	35.99 1.01 0.00
STATE_ST_34_KV_LOAD 55959	52.65 -0.02 0.00	45.68 -0.14 0.00	38.28 -0.15 0.00	37.14 -0.24 0.00	35.41 -0.33 0.00	32.29 -0.24 0.00	40.38 -0.11 0.00	51.21 0.00 -0.90	46.33 0.14 0.00	39.43 -0.01 0.00	38.85 0.02 0.00	34.19 0.05 0.00	27.81 -0.02 0.00	31.68 -0.09 0.00	29.40 0.00 0.00	41.78 -0.20 -0.01	44.88 -0.50 0.00	51.43 -0.33 0.00	66.67 -0.09 0.00	115.30 -0.37 0.00	42.48 -0.08 0.00	45.13 -0.09 0.00	41.21 -0.20 0.00	34.77 -0.20 0.00
STATION_5_MISC_HYD 23604	36.61 -0.98 15.07	36.88 -1.21 7.73	29.30 -1.02 8.12	30.88 -1.05 5.44	29.37 -1.17 5.20	31.18 -1.35 0.00	30.54 -1.30 8.65	43.10 -1.26 5.96	35.06 -0.56 10.57	38.55 -0.88 0.00	37.98 -0.86 0.00	33.70 -0.44 0.00	27.39 -0.44 0.00	31.38 -0.39 0.00	28.89 -0.52 0.00	41.21 -0.78 -0.02	43.92 -1.45 0.00	48.21 -1.95 1.59	64.28 -2.48 0.00	108.54 -3.30 3.84	37.75 -1.26 3.54	39.70 -1.49 4.04	38.70 -1.53 1.18	33.80 -1.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	51.88 -0.79 0.00	44.85 -0.97 0.00	37.58 -0.86 0.00	36.52 -0.85 0.00	34.79 -0.95 0.00	31.49 -1.05 0.00	39.53 -0.95 0.00	49.42 -0.90 0.00	45.81 -0.37 0.00	38.79 -0.64 0.00	38.20 -0.63 0.00	33.80 -0.34 0.00	27.47 -0.35 0.00	31.45 -0.33 0.00	28.97 -0.43 0.00	41.30 -0.69 -0.01	44.13 -1.24 0.00	50.20 -1.56 0.00	64.97 -1.79 0.00	113.21 -2.47 0.00	41.66 -0.89 0.00	44.17 -1.05 0.00	40.18 -1.23 0.00	34.01 -0.97 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	51.41 -1.26 0.00	44.36 -1.46 0.00	37.21 -1.22 0.00	36.12 -1.25 0.00	34.40 -1.35 0.00	31.04 -1.49 0.00	39.03 -1.46 0.00	48.81 -1.51 0.00	45.45 -0.73 0.00	38.37 -1.07 0.00	37.79 -1.04 0.00	33.52 -0.63 0.00	27.24 -0.58 0.00	31.20 -0.57 0.00	28.73 -0.68 0.00	40.96 -1.03 -0.01	43.70 -1.67 0.00	49.56 -2.20 0.00	63.98 -2.78 0.00	111.82 -3.86 0.00	41.11 -1.44 0.00	43.58 -1.64 0.00	39.66 -1.75 0.00	33.62 -1.36 0.00
STA_56____34_KV_BUS2 355983	51.41 -1.26 0.00	44.36 -1.46 0.00	37.21 -1.22 0.00	36.12 -1.25 0.00	34.40 -1.35 0.00	31.04 -1.49 0.00	39.03 -1.46 0.00	48.81 -1.51 0.00	45.45 -0.73 0.00	38.37 -1.07 0.00	37.79 -1.04 0.00	33.52 -0.63 0.00	27.24 -0.58 0.00	31.20 -0.57 0.00	28.73 -0.68 0.00	40.96 -1.03 -0.01	43.70 -1.67 0.00	49.56 -2.20 0.00	63.98 -2.78 0.00	111.82 -3.86 0.00	41.11 -1.44 0.00	43.58 -1.64 0.00	39.66 -1.75 0.00	33.62 -1.36 0.00
STA_67____115KV_BK2 355882	51.65 -1.02 0.00	44.54 -1.28 0.00	37.36 -1.08 0.00	36.25 -1.12 0.00	34.52 -1.22 0.00	31.13 -1.40 0.00	39.15 -1.33 0.00	48.94 -1.37 0.00	45.62 -0.56 0.00	38.48 -0.96 0.00	37.90 -0.94 0.00	33.62 -0.52 0.00	27.33 -0.49 0.00	31.31 -0.46 0.00	28.82 -0.59 0.00	41.10 -0.88 -0.02	43.80 -1.58 0.00	49.63 -2.13 0.00	64.06 -2.70 0.00	112.04 -3.64 0.00	41.21 -1.35 0.00	43.69 -1.54 0.00	39.75 -1.66 0.00	33.72 -1.26 0.00
STA_7____115KV_9TRANS 80674	51.96 -0.71 0.00	44.78 -1.04 0.00	37.55 -0.88 0.00	36.45 -0.92 0.00	34.70 -1.04 0.00	31.31 -1.23 0.00	39.42 -1.07 0.00	49.29 -1.03 0.00	45.94 -0.25 0.00	38.73 -0.70 0.00	38.17 -0.66 0.00	33.87 -0.27 0.00	27.52 -0.30 0.00	31.54 -0.23 0.00	29.04 -0.37 0.00	41.40 -0.58 -0.02	44.11 -1.26 0.00	50.01 -1.75 0.00	64.55 -2.21 0.00	112.89 -2.79 0.00	41.51 -1.05 0.00	44.00 -1.22 0.00	40.01 -1.39 0.00	33.93 -1.04 0.00
STA_82____115KV_TB1 80780	51.60 -1.07 0.00	44.50 -1.32 0.00	37.33 -1.11 0.00	36.23 -1.15 0.00	34.49 -1.25 0.00	31.10 -1.43 0.00	39.11 -1.38 0.00	48.89 -1.42 0.00	45.57 -0.61 0.00	38.44 -1.00 0.00	37.86 -0.97 0.00	33.59 -0.56 0.00	27.30 -0.52 0.00	31.27 -0.50 0.00	28.79 -0.62 0.00	41.05 -0.93 -0.02	43.75 -1.62 0.00	49.58 -2.18 0.00	63.99 -2.77 0.00	111.92 -3.76 0.00	41.16 -1.40 0.00	43.65 -1.58 0.00	39.71 -1.70 0.00	33.69 -1.29 0.00
STEEL____WIND 323596	10.90 -1.35 40.43	23.26 -1.83 20.73	15.10 -1.57 21.77	21.06 -1.70 14.61	19.74 -2.05 13.95	29.88 -2.65 0.00	14.39 -2.90 23.20	23.33 -3.18 23.80	16.06 -1.76 28.36	37.13 -2.31 0.00	36.65 -2.18 0.00	32.86 -1.28 0.00	26.69 -1.13 0.00	30.55 -1.22 0.00	25.25 -1.62 2.54	29.48 -2.22 10.27	29.15 -3.45 12.77	26.05 -4.61 21.09	40.53 -6.19 20.04	68.79 -8.92 37.98	26.46 -3.12 12.97	31.25 -3.58 10.40	22.04 -3.51 15.86	20.52 -2.53 11.92
STEPHTWN_115KV_BK_2 55603	53.69 1.02 0.00	46.74 0.92 0.00	39.21 0.78 0.00	38.21 0.84 0.00	36.67 0.93 0.00	33.41 0.88 0.00	41.65 1.16 0.00	51.64 1.33 0.00	47.31 1.12 0.00	40.30 0.87 0.00	39.61 0.78 0.00	34.54 0.44 0.05	27.99 0.31 0.14	31.68 0.19 0.28	29.78 0.38 0.00	42.47 0.64 0.14	46.43 1.24 0.18	53.44 1.69 0.00	69.02 2.26 0.00	119.15 3.47 0.00	43.80 1.25 0.00	46.63 1.40 0.00	42.65 1.24 0.00	36.06 1.08 0.00
STEBEN_REC_LFGE 323667	52.08 -0.59 0.00	44.70 -1.12 0.00	37.29 -1.14 0.00	35.92 -1.45 0.00	33.43 -2.31 0.00	29.39 -3.14 0.00	36.95 -3.54 0.00	63.58 -4.07 -17.33	42.55 -3.63 0.00	35.71 -3.72 0.00	35.30 -3.53 0.00	31.74 -2.40 0.00	25.55 -2.27 0.00	29.24 -2.53 0.00	31.86 -2.52 -4.97	58.38 -3.71 -20.11	65.45 -4.79 -24.87	79.71 -5.15 -33.10	99.78 -6.01 -39.03	162.30 -8.07 -54.70	47.37 -2.69 -7.50	42.35 -2.88 0.00	62.72 -3.64 -24.96	55.09 -3.10 -23.22
STILLWATER____SOLAR 323814	54.02 1.35 0.00	47.05 1.23 0.00	39.46 1.03 0.00	38.46 1.09 0.00	36.94 1.19 0.00	33.72 1.19 0.00	42.03 1.54 0.00	52.14 1.82 0.00	47.65 1.47 0.00	40.54 1.10 0.00	39.76 0.93 0.00	34.82 0.72 0.04	28.00 0.30 0.12	31.68 0.14 0.24	29.68 0.27 0.00	42.66 0.69 0.00	46.87 1.50 0.00	53.83 2.07 0.00	69.48 2.73 0.00	119.96 4.28 0.00	44.05 1.49 0.00	46.88 1.66 0.00	42.90 1.49 0.00	36.26 1.29 0.00
STONY____BROOK 24151	53.89 1.22 0.00	47.33 1.51 0.00	39.66 1.23 0.00	38.53 1.16 0.00	36.85 1.11 0.00	33.77 1.24 0.00	41.73 1.24 0.00	51.54 1.22 0.00	47.30 1.11 0.00	40.59 1.16 0.00	40.14 1.31 0.00	35.34 1.03 -0.17	29.28 0.96 -0.50	33.91 1.13 -1.00	30.71 1.30 0.00	44.28 1.78 -0.53	48.21 2.17 -0.67	54.32 2.56 0.00	70.26 3.50 0.00	121.63 5.95 0.00	44.75 2.20 0.00	48.07 2.84 0.00	44.00 2.60 0.00	36.96 1.98 0.00

STURGEON_POOL_HYD 23609	53.30 0.63 0.00	46.62 0.80 0.00	39.03 0.60 0.00	37.90 0.53 0.00	36.37 0.63 0.00	33.25 0.72 0.00	41.28 0.79 0.00	51.27 0.95 0.00	47.09 0.90 0.00	40.28 0.85 0.00	39.67 0.83 0.00	34.84 0.60 -0.10	28.69 0.57 -0.31	33.11 0.73 -0.61	30.15 0.75 0.00	43.24 0.95 -0.33	47.08 1.30 -0.41	53.46 1.71 0.00	69.30 2.54 0.00	119.55 3.87 0.00	43.89 1.34 0.00	46.58 1.35 0.00	42.68 1.27 0.00	35.96 0.98 0.00
ST_LAW_115_BK7_LBMP 345037	53.13 0.46 0.00	44.28 0.44 1.98	36.48 0.47 2.42	37.83 0.46 0.00	36.06 0.32 0.00	32.76 0.23 0.00	40.69 0.20 0.00	50.56 0.25 0.00	46.33 0.15 0.00	27.60 0.19 12.03	38.85 0.25 0.23	34.45 0.31 0.00	28.22 0.40 0.00	32.23 0.46 0.00	29.76 0.35 0.00	42.51 0.54 0.00	45.66 0.29 0.00	51.58 -0.18 0.00	66.02 -0.74 0.00	115.23 -0.45 0.00	42.32 -0.24 0.00	45.00 -0.22 0.00	41.29 -0.12 0.00	34.83 -0.14 0.00
ST_LAW_115_BK8_LBMP 345038	53.13 0.46 0.00	44.28 0.44 1.98	36.48 0.47 2.42	37.83 0.46 0.00	36.06 0.32 0.00	32.76 0.23 0.00	40.69 0.20 0.00	50.56 0.25 0.00	46.33 0.15 0.00	27.60 0.19 12.03	38.85 0.25 0.23	34.45 0.31 0.00	28.22 0.40 0.00	32.23 0.46 0.00	29.76 0.35 0.00	42.51 0.54 0.00	45.66 0.29 0.00	51.58 -0.18 0.00	66.02 -0.74 0.00	115.23 -0.45 0.00	42.32 -0.24 0.00	45.00 -0.22 0.00	41.29 -0.12 0.00	34.83 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	53.11 0.45 0.00	44.95 0.41 1.28	37.30 0.43 1.56	37.78 0.41 0.00	36.02 0.28 0.00	32.73 0.20 0.00	40.66 0.17 0.00	50.53 0.21 0.00	46.32 0.13 0.00	31.84 0.17 7.76	38.91 0.22 0.15	34.44 0.30 0.00	28.19 0.37 0.00	32.21 0.44 0.00	29.73 0.33 0.00	42.47 0.50 0.00	45.64 0.27 0.00	51.59 -0.16 0.00	66.09 -0.67 0.00	115.32 -0.36 0.00	42.32 -0.23 0.00	45.01 -0.21 0.00	41.28 -0.13 0.00	34.82 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	53.11 0.45 0.00	44.95 0.41 1.28	37.30 0.43 1.56	37.78 0.41 0.00	36.02 0.28 0.00	32.73 0.20 0.00	40.66 0.17 0.00	50.53 0.21 0.00	46.32 0.13 0.00	31.84 0.17 7.76	38.91 0.22 0.15	34.44 0.30 0.00	28.19 0.37 0.00	32.21 0.44 0.00	29.73 0.33 0.00	42.47 0.50 0.00	45.64 0.27 0.00	51.59 -0.16 0.00	66.09 -0.67 0.00	115.32 -0.36 0.00	42.32 -0.23 0.00	45.01 -0.21 0.00	41.28 -0.13 0.00	34.82 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	53.26 0.59 0.00	46.58 0.76 0.00	39.00 0.57 0.00	37.85 0.48 0.00	36.31 0.57 0.00	33.20 0.67 0.00	41.20 0.71 0.00	51.15 0.83 0.00	46.95 0.77 0.00	40.23 0.80 0.00	39.60 0.77 0.00	34.94 0.65 -0.15	28.84 0.58 -0.44	33.34 0.70 -0.86	30.17 0.76 0.00	43.31 0.88 -0.46	47.19 1.25 -0.58	53.35 1.60 0.00	69.13 2.37 0.00	119.19 3.51 0.00	43.77 1.21 0.00	46.45 1.23 0.00	42.57 1.16 0.00	35.88 0.90 0.00
SWANROAD_115KV_TB1 355699	49.85 -2.82 0.00	42.70 -3.12 0.00	35.79 -2.64 0.00	34.67 -2.70 0.00	32.76 -2.98 0.00	29.05 -3.49 0.00	36.41 -4.08 0.00	39.85 -4.81 5.66	43.17 -3.02 0.00	35.91 -3.53 0.00	35.36 -3.48 0.00	31.69 -2.46 0.00	25.70 -2.12 0.00	29.44 -2.33 0.00	24.91 -2.48 2.01	30.52 -3.32 8.13	30.48 -4.78 10.11	31.90 -6.41 13.45	42.48 -8.42 15.86	80.71 -12.74 22.23	34.94 -4.57 3.05	40.27 -4.96 0.00	26.68 -4.58 10.14	22.36 -3.18 9.44
SYNERGY__BIOGAS 323694	51.90 -0.77 0.00	44.56 -1.26 0.00	37.34 -1.10 0.00	36.21 -1.17 0.00	34.33 -1.41 0.00	30.72 -1.81 0.00	38.76 -1.72 0.00	45.10 -1.76 3.45	45.74 -0.44 0.00	38.13 -1.31 0.00	37.57 -1.26 0.00	33.62 -0.52 0.00	27.14 -0.68 0.00	31.22 -0.55 0.00	27.36 -0.74 1.31	35.60 -1.08 5.29	36.49 -2.30 6.59	39.64 -3.36 8.77	52.21 -4.22 10.34	95.97 -5.22 14.48	38.66 -1.90 1.99	43.05 -2.18 0.00	32.55 -2.25 6.61	27.30 -1.53 6.15
SYRACUSE__ENERGY_ST1 323597	52.24 -0.42 0.00	45.64 -0.47 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.32 -0.42 0.00	32.16 -0.37 0.00	40.15 -0.33 0.00	49.99 -0.32 0.00	45.97 -0.22 0.00	40.98 -0.24 -1.78	38.64 -0.23 -0.04	33.97 -0.17 0.00	27.65 -0.17 0.00	31.61 -0.16 0.00	29.24 -0.16 0.00	41.70 -0.27 0.00	44.90 -0.47 0.00	51.30 -0.45 0.00	66.38 -0.38 0.00	114.95 -0.73 0.00	42.29 -0.26 0.00	44.89 -0.33 0.00	40.99 -0.42 0.00	34.61 -0.37 0.00
SYRACUSE__ENERGY_ST2 323598	52.24 -0.42 0.00	45.64 -0.47 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.32 -0.42 0.00	32.16 -0.37 0.00	40.15 -0.33 0.00	49.99 -0.32 0.00	45.97 -0.22 0.00	40.98 -0.24 -1.78	38.64 -0.23 -0.04	33.97 -0.17 0.00	27.65 -0.17 0.00	31.61 -0.16 0.00	29.24 -0.16 0.00	41.70 -0.27 0.00	44.90 -0.47 0.00	51.30 -0.45 0.00	66.38 -0.38 0.00	114.95 -0.73 0.00	42.29 -0.26 0.00	44.89 -0.33 0.00	40.99 -0.42 0.00	34.61 -0.37 0.00
SYRACUSE__POWER 24017	52.26 -0.40 0.00	45.65 -0.46 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.33 -0.41 0.00	32.16 -0.37 0.00	40.15 -0.34 0.00	49.98 -0.33 0.00	45.97 -0.22 0.00	40.98 -0.23 -1.77	38.65 -0.22 -0.04	33.98 -0.16 0.00	27.64 -0.18 0.00	31.63 -0.14 0.00	29.26 -0.15 0.00	41.74 -0.23 0.00	44.95 -0.42 0.00	51.30 -0.46 0.00	66.38 -0.38 0.00	115.04 -0.64 0.00	42.33 -0.23 0.00	44.93 -0.30 0.00	41.00 -0.41 0.00	34.62 -0.36 0.00
TALLMAN__138KV_BK151 55660	53.42 0.75 0.00	46.75 0.93 0.00	39.13 0.70 0.00	37.97 0.60 0.00	36.44 0.70 0.00	33.32 0.78 0.00	41.33 0.84 0.00	51.30 0.98 0.00	47.11 0.92 0.00	40.44 1.01 0.00	39.84 1.00 0.00	35.16 0.87 -0.16	29.06 0.77 -0.46	33.62 0.93 -0.92	30.39 0.98 0.00	43.56 1.11 -0.49	47.49 1.51 -0.61	53.65 1.89 0.00	69.50 2.75 0.00	119.78 4.10 0.00	43.96 1.41 0.00	46.66 1.44 0.00	42.78 1.37 0.00	36.03 1.06 0.00
TEALLAVE_115KV_TB7 355573	52.07 -0.60 0.00	45.51 -0.64 -0.33	38.27 -0.56 -0.40	36.83 -0.55 0.00	35.21 -0.53 0.00	32.04 -0.49 0.00	40.00 -0.49 0.00	49.79 -0.53 0.00	45.82 -0.36 0.00	41.05 -0.37 -1.99	38.52 -0.35 -0.04	33.87 -0.27 0.00	27.57 -0.25 0.00	31.55 -0.23 0.00	29.17 -0.24 0.00	41.59 -0.37 0.00	44.80 -0.57 0.00	51.12 -0.64 0.00	66.11 -0.65 0.00	114.60 -1.08 0.00	42.17 -0.39 0.00	44.75 -0.48 0.00	40.86 -0.55 0.00	34.50 -0.47 0.00
TELGRAPH_34_KV_EAST 80808	50.96 -1.71 0.00	43.67 -2.15 0.00	36.59 -1.84 0.00	35.46 -1.92 0.00	33.57 -2.17 0.00	29.91 -2.63 0.00	37.63 -2.86 0.00	42.72 -3.24 4.36	44.49 -1.70 0.00	37.05 -2.39 0.00	36.51 -2.32 0.00	32.69 -1.45 0.00	26.48 -1.34 0.00	30.37 -1.40 0.00	26.15 -1.61 1.65	33.13 -2.16 6.68	33.61 -3.45 8.31	35.92 -4.78 11.06	47.53 -6.19 13.04	88.56 -8.86 18.26	36.85 -3.20 2.50	41.69 -3.53 0.00	29.66 -3.41 8.33	24.85 -2.37 7.75
TEMPLE__115KV_TB 2 55572	52.08 -0.59 0.00	45.50 -0.64 -0.32	38.26 -0.56 -0.39	36.83 -0.55 0.00	35.21 -0.53 0.00	32.04 -0.49 0.00	39.99 -0.50 0.00	49.79 -0.53 0.00	45.82 -0.36 0.00	41.00 -0.36 -1.93	38.52 -0.35 -0.04	33.88 -0.26 0.00	27.57 -0.25 0.00	31.56 -0.21 0.00	29.17 -0.24 0.00	41.60 -0.37 0.00	44.81 -0.56 0.00	51.13 -0.63 0.00	66.12 -0.64 0.00	114.60 -1.08 0.00	42.17 -0.39 0.00	44.75 -0.48 0.00	40.86 -0.55 0.00	34.51 -0.47 0.00

TIANA___69_KV_BK 1 55817	53.75 1.08 0.00	47.50 1.68 0.00	39.82 1.39 0.00	38.76 1.39 0.00	36.97 1.23 0.00	33.86 1.32 0.00	41.82 1.33 0.00	51.63 1.31 0.00	47.36 1.18 0.00	40.61 1.18 0.00	40.29 1.46 0.00	35.34 1.02 -0.17	29.34 1.01 -0.50	33.93 1.16 -1.00	30.70 1.29 0.00	44.24 1.74 -0.53	48.27 2.23 -0.67	54.27 2.52 0.00	70.33 3.57 0.00	122.24 6.56 0.00	44.94 2.38 0.00	48.57 3.34 0.00	44.44 3.03 0.00	37.30 2.32 0.00
TILDEN___115KV_TB1 80814	52.26 -0.40 0.00	45.65 -0.46 -0.29	38.36 -0.43 -0.36	36.96 -0.41 0.00	35.33 -0.41 0.00	32.16 -0.37 0.00	40.15 -0.34 0.00	49.98 -0.33 0.00	45.97 -0.22 0.00	40.98 -0.23 -1.77	38.65 -0.22 -0.04	33.98 -0.16 0.00	27.64 -0.18 0.00	31.63 -0.14 0.00	29.26 -0.15 0.00	41.74 -0.23 0.00	44.95 -0.42 0.00	51.30 -0.46 0.00	66.38 -0.38 0.00	115.04 -0.64 0.00	42.33 -0.23 0.00	44.93 -0.30 0.00	41.00 -0.41 0.00	34.62 -0.36 0.00
TRIGEN___CC 323695	53.70 1.03 0.00	47.13 1.31 0.00	39.45 1.02 0.00	38.29 0.92 0.00	36.70 0.96 0.00	33.62 1.09 0.00	41.49 1.00 0.00	51.45 1.13 0.00	47.24 1.06 0.00	40.57 1.14 0.00	40.05 1.22 0.00	35.33 1.02 -0.17	29.24 0.91 -0.50	33.86 1.09 -1.00	30.61 1.20 0.00	44.01 1.52 -0.53	47.91 1.87 -0.67	54.03 2.28 0.00	69.88 3.12 0.00	120.64 4.96 0.00	44.34 1.79 0.00	47.28 2.06 0.00	43.35 1.95 0.00	36.48 1.51 0.00
TRINITY___115KV___4 BK 55933	53.35 0.68 0.00	46.47 0.65 0.00	39.00 0.56 0.00	38.00 0.63 0.00	36.47 0.73 0.00	33.22 0.68 0.00	41.32 0.83 0.00	51.21 0.90 0.00	46.92 0.74 0.00	40.00 0.57 0.00	39.34 0.51 0.00	34.36 0.27 0.05	27.85 0.17 0.14	31.51 0.03 0.29	29.59 0.18 0.00	42.15 0.32 0.14	46.02 0.83 0.18	52.97 1.21 0.00	68.37 1.62 0.00	118.04 2.36 0.00	43.42 0.86 0.00	46.27 1.04 0.00	42.37 0.96 0.00	35.84 0.87 0.00
UNION___PROCESSING_DRP 323587	51.60 -1.07 0.00	44.50 -1.32 0.00	37.33 -1.11 0.00	36.23 -1.14 0.00	34.49 -1.25 0.00	31.10 -1.43 0.00	39.12 -1.37 0.00	48.91 -1.40 0.00	45.59 -0.60 0.00	38.44 -0.99 0.00	37.86 -0.97 0.00	33.60 -0.54 0.00	27.30 -0.52 0.00	31.28 -0.49 0.00	28.79 -0.61 0.00	41.07 -0.92 -0.02	43.75 -1.62 0.00	49.58 -2.18 0.00	63.99 -2.77 0.00	111.93 -3.75 0.00	41.17 -1.39 0.00	43.65 -1.58 0.00	39.71 -1.70 0.00	33.69 -1.29 0.00
UPPER HUDSON___HYD 24058	54.33 1.66 0.00	47.37 1.55 0.00	39.69 1.26 0.00	38.71 1.34 0.00	37.24 1.50 0.00	34.06 1.53 0.00	42.51 2.02 0.00	52.79 2.48 0.00	48.17 1.98 0.00	40.87 1.43 0.00	40.06 1.23 0.00	35.16 1.06 0.04	28.23 0.52 0.11	31.93 0.38 0.22	29.89 0.48 0.00	43.09 1.12 0.00	47.49 2.12 0.00	54.60 2.85 0.00	70.39 3.63 0.00	121.44 5.76 0.00	44.52 1.97 0.00	47.32 2.09 0.00	43.28 1.88 0.00	36.58 1.60 0.00
UPPER RAQUET___HYD 24056	53.55 0.87 0.00	59.53 0.88 -12.83	55.02 0.90 -15.69	38.23 0.86 0.00	36.37 0.63 0.00	33.07 0.54 0.00	40.88 0.39 0.00	50.73 0.42 0.00	46.42 0.24 0.00	117.69 0.40 -77.85	40.66 0.31 -1.52	34.48 0.34 0.00	28.29 0.46 0.00	32.36 0.59 0.00	29.90 0.49 0.00	42.80 0.83 0.00	45.43 0.06 0.00	51.08 -0.68 0.00	65.17 -1.59 0.00	114.05 -1.63 0.00	41.82 -0.74 -0.01	44.53 -0.69 0.00	41.26 -0.15 0.00	34.72 -0.25 0.00
VALLEY44_115KV_TB2 355964	52.27 -0.40 0.00	44.83 -0.99 0.00	37.67 -0.76 0.00	36.52 -0.86 0.00	34.46 -1.28 0.00	30.72 -1.81 0.00	42.36 -1.84 -3.71	42.62 -2.09 5.60	45.17 -1.02 0.00	37.96 -1.47 0.00	37.58 -1.25 0.00	33.55 -0.59 0.00	27.34 -0.48 0.00	31.39 -0.38 0.00	27.31 -0.92 1.18	35.66 -1.54 4.77	36.75 -2.68 5.94	40.30 -3.55 7.91	52.75 -4.69 9.32	95.76 -6.85 13.07	38.41 -2.36 1.79	42.70 -2.52 0.00	32.72 -2.73 5.96	27.53 -1.90 5.55
VALLEY___115KV_TB 1-4 80826	52.66 -0.01 0.00	45.98 -0.20 -0.36	38.42 -0.45 -0.44	36.94 -0.43 0.00	35.46 -0.28 0.00	32.33 -0.21 0.00	40.34 -0.14 0.00	50.09 -0.22 0.00	45.75 -0.44 0.00	41.25 -0.35 -2.17	38.41 -0.47 -0.04	33.58 -0.56 0.00	27.08 -0.74 0.00	30.74 -1.03 0.00	28.67 -0.73 0.00	41.38 -0.59 0.00	45.14 -0.23 0.00	51.81 0.05 0.00	67.02 0.26 0.00	115.80 0.12 0.00	42.63 0.08 0.00	45.46 0.23 0.00	41.70 0.29 0.00	35.21 0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	53.80 1.13 0.00	46.76 0.94 0.00	39.19 0.76 0.00	38.10 0.72 0.00	36.45 0.71 0.00	33.26 0.73 0.00	41.46 0.98 0.00	51.60 1.28 0.00	47.33 1.14 0.00	40.46 1.03 0.00	39.83 1.00 0.00	35.01 0.87 0.00	28.43 0.61 0.00	32.54 0.77 0.00	30.10 0.69 0.00	43.03 1.06 0.00	46.46 1.09 0.00	53.02 1.26 0.00	68.52 1.76 0.00	118.50 2.82 0.00	43.66 1.11 0.00	46.34 1.11 0.00	42.32 0.91 0.00	35.69 0.71 0.00
VISCHER___FERRY HYD 24020	53.33 0.66 0.00	46.44 0.62 0.00	38.96 0.53 0.00	37.98 0.61 0.00	36.48 0.74 0.00	33.26 0.73 0.00	41.38 0.89 0.00	51.27 0.96 0.00	46.95 0.77 0.00	39.95 0.51 0.00	39.27 0.44 0.00	34.27 0.18 0.05	27.68 0.00 0.14	31.29 -0.19 0.28	29.35 -0.06 0.00	41.86 0.04 0.15	45.90 0.71 0.19	52.93 1.17 0.00	68.32 1.57 0.00	117.92 2.25 0.00	43.33 0.78 0.00	46.22 0.99 0.00	42.34 0.93 0.00	35.82 0.84 0.00
V_A_10_SYNC_DSASP 323832	50.08 -2.59 0.00	42.97 -2.85 0.00	36.07 -2.37 0.00	34.94 -2.43 0.00	33.08 -2.66 0.00	29.47 -3.06 0.00	37.07 -3.42 0.00	41.63 -3.98 4.70	43.67 -2.52 0.00	36.49 -2.94 0.00	35.96 -2.88 0.00	32.12 -2.02 0.00	26.10 -1.72 0.00	29.90 -1.87 0.00	25.80 -2.04 1.56	32.86 -2.80 6.32	33.46 -4.05 7.86	35.94 -5.36 10.46	47.48 -6.95 12.33	88.04 -10.37 17.27	36.42 -3.77 2.37	41.17 -4.06 0.00	29.57 -3.96 7.88	24.73 -2.91 7.33
V_CMM_10_SYNC_DSASP 323787	53.30 0.64 0.00	44.37 0.53 1.98	36.64 0.64 2.42	38.01 0.64 0.00	36.24 0.50 0.00	32.92 0.39 0.00	40.88 0.39 0.00	50.74 0.42 0.00	46.40 0.21 0.00	27.72 0.32 12.03	39.04 0.44 0.23	34.63 0.49 0.00	28.36 0.54 0.00	32.40 0.63 0.00	29.91 0.51 0.00	42.74 0.76 0.00	45.86 0.49 0.00	51.66 -0.10 0.00	66.09 -0.67 0.00	115.31 -0.37 0.00	42.42 -0.13 0.00	45.19 -0.04 0.00	41.47 0.06 0.00	34.99 0.01 0.00
V_CMP_10_SYNC_DSASP 323788	53.72 1.05 0.00	46.81 0.99 0.00	39.32 0.88 0.00	38.13 0.76 0.00	36.20 0.46 0.00	32.88 0.35 0.00	40.72 0.23 0.00	50.25 -0.06 0.00	46.12 -0.07 0.00	39.66 0.22 0.00	39.26 0.43 0.00	34.49 0.35 0.00	28.38 0.56 0.00	32.55 0.78 0.00	29.96 0.55 0.00	42.76 0.79 0.00	46.19 0.82 0.00	52.19 0.44 0.00	66.50 -0.26 0.00	115.98 0.31 0.00	42.21 -0.35 0.00	45.07 -0.16 0.00	41.53 0.12 0.00	34.81 -0.16 0.00
V_D_10_SYNC_DSASP 323841	53.87 1.21 0.00	65.54 1.15 -18.58	62.26 1.10 -22.72	38.41 1.03 0.00	36.60 0.86 0.00	33.24 0.71 0.00	41.26 0.77 0.00	51.24 0.93 0.00	46.94 0.75 0.00	153.01 0.81 -112.76	41.81 0.78 -2.20	34.91 0.77 0.00	28.61 0.78 0.00	32.69 0.92 0.00	30.19 0.78 0.00	43.16 1.19 0.00	46.22 0.85 0.00	52.13 0.37 0.00	66.70 -0.06 0.00	116.51 0.83 0.00	42.82 0.26 -0.01	45.48 0.26 0.00	41.82 0.41 0.00	35.25 0.28 0.00

V_E_10_SYNC_DSASP 323830	55.38 2.71 0.00	47.98 2.16 0.00	40.13 1.70 0.00	38.59 1.21 0.00	36.70 0.96 0.00	33.07 0.54 0.00	41.15 0.67 0.00	52.64 1.26 -1.07	46.89 0.71 0.00	40.06 0.63 0.00	39.08 0.25 0.00	34.33 0.19 0.00	27.26 -0.56 0.00	31.16 -0.62 0.00	29.26 -0.49 -0.35	43.08 -0.28 -1.38	46.54 -0.55 -1.72	53.48 -0.56 -2.29	69.72 0.26 -2.70	120.26 0.81 -3.78	44.41 1.33 -0.52	46.90 1.67 0.00	44.45 1.32 -1.72	36.83 0.25 -1.60
V_F_30_NSYNC_DSASP 323816	54.10 1.43 0.00	47.12 1.30 0.00	39.52 1.09 0.00	38.51 1.13 0.00	36.98 1.24 0.00	33.76 1.22 0.00	42.07 1.59 0.00	52.21 1.90 0.00	47.73 1.54 0.00	40.61 1.18 0.00	39.84 1.01 0.00	34.89 0.80 0.04	28.08 0.38 0.12	31.77 0.23 0.23	29.75 0.35 0.00	42.77 0.80 0.00	46.94 1.57 0.00	53.90 2.14 0.00	69.58 2.82 0.00	120.14 4.46 0.00	44.12 1.56 0.00	46.94 1.71 0.00	42.95 1.54 0.00	36.31 1.33 0.00
V_F_30_SYNC_DSASP 323786	53.60 0.93 0.00	46.68 0.86 0.00	39.16 0.73 0.00	38.15 0.78 0.00	36.61 0.87 0.00	33.35 0.82 0.00	41.51 1.02 0.00	51.47 1.15 0.00	47.16 0.97 0.00	40.20 0.77 0.00	39.52 0.69 0.00	34.54 0.45 0.05	27.98 0.30 0.14	31.65 0.16 0.28	29.73 0.32 0.00	42.40 0.57 0.14	46.29 1.09 0.18	53.24 1.48 0.00	68.74 1.99 0.00	118.69 3.01 0.00	43.65 1.09 0.00	46.48 1.25 0.00	42.56 1.15 0.00	35.99 1.01 0.00
V_XM_10_SYNC_DSASP 323789	53.72 1.05 0.00	46.81 0.99 0.00	39.32 0.88 0.00	38.13 0.76 0.00	36.20 0.46 0.00	32.88 0.35 0.00	40.72 0.23 0.00	50.25 -0.06 0.00	46.12 -0.07 0.00	39.66 0.22 0.00	39.26 0.43 0.00	34.49 0.35 0.00	28.38 0.56 0.00	32.55 0.78 0.00	29.96 0.55 0.00	42.76 0.79 0.00	46.19 0.82 0.00	52.19 0.44 0.00	66.50 -0.26 0.00	115.98 0.31 0.00	42.21 -0.35 0.00	45.07 -0.16 0.00	41.53 0.12 0.00	34.81 -0.16 0.00
W.BABYLN_69_KV_BK1 56697	54.33 1.66 0.00	47.67 1.85 0.00	39.93 1.49 0.00	38.77 1.40 0.00	37.10 1.36 0.00	34.01 1.48 0.00	41.99 1.51 0.00	52.02 1.71 0.00	47.70 1.52 0.00	40.93 1.49 0.00	40.46 1.63 0.00	35.62 1.30 -0.17	29.47 1.15 -0.50	34.18 1.41 -1.00	30.98 1.57 0.00	44.71 2.21 -0.53	48.61 2.57 -0.67	54.85 3.10 0.00	70.92 4.16 0.00	122.64 6.96 0.00	45.11 2.56 0.00	48.28 3.06 0.00	44.23 2.82 0.00	37.15 2.18 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	53.61 0.94 0.00	46.91 1.09 0.00	39.26 0.83 0.00	38.09 0.72 0.00	36.56 0.82 0.00	33.44 0.91 0.00	41.49 1.00 0.00	51.50 1.18 0.00	47.30 1.12 0.00	40.58 1.15 0.00	39.97 1.14 0.00	35.29 0.98 -0.16	29.16 0.87 -0.47	33.75 1.04 -0.94	30.49 1.08 0.00	43.75 1.28 -0.50	47.67 1.68 -0.63	53.85 2.10 0.00	69.78 3.02 0.00	120.24 4.56 0.00	44.14 1.58 0.00	46.85 1.62 0.00	42.94 1.53 0.00	36.17 1.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	53.89 1.22 0.00	47.26 1.44 0.00	39.56 1.13 0.00	38.38 1.01 0.00	36.83 1.09 0.00	33.71 1.18 0.00	41.74 1.25 0.00	51.82 1.50 0.00	47.66 1.47 0.00	40.93 1.50 0.00	40.35 1.52 0.00	35.63 1.32 -0.17	29.51 1.19 -0.50	34.13 1.36 -1.00	30.80 1.40 0.00	44.14 1.65 -0.53	48.10 2.06 -0.67	54.28 2.52 0.00	70.30 3.54 0.00	121.21 5.53 0.00	44.46 1.91 0.00	47.17 1.94 0.00	43.25 1.84 0.00	36.44 1.47 0.00
W50THST__13_KV_LOAD 356117	54.15 1.48 0.00	47.48 1.66 0.00	39.73 1.30 0.00	38.56 1.18 0.00	37.00 1.26 0.00	33.87 1.34 0.00	41.95 1.46 0.00	52.12 1.80 0.00	47.95 1.77 0.00	41.19 1.76 0.00	40.62 1.79 0.00	35.89 1.57 -0.17	29.71 1.39 -0.50	34.36 1.59 -1.00	31.02 1.62 0.00	44.46 1.96 -0.53	48.43 2.39 -0.67	54.64 2.88 0.00	70.73 3.97 0.00	121.91 6.23 0.00	44.71 2.16 0.00	47.41 2.18 0.00	43.46 2.05 0.00	36.61 1.63 0.00
WADING RIVER_IC_1 23522	53.47 0.80 0.00	47.15 1.33 0.00	39.55 1.11 0.00	38.51 1.13 0.00	36.67 0.93 0.00	33.56 1.03 0.00	41.46 0.97 0.00	51.13 0.81 0.00	46.99 0.81 0.00	40.32 0.89 0.00	40.10 1.27 0.00	35.16 0.85 -0.17	29.22 0.89 -0.50	33.76 0.98 -1.00	30.50 1.09 0.00	43.93 1.43 -0.53	47.87 1.83 -0.67	53.81 2.06 0.00	69.70 2.94 0.00	121.15 5.47 0.00	44.57 2.01 0.00	48.28 3.06 0.00	44.18 2.77 0.00	37.09 2.12 0.00
WADING RIVER_IC_2 23547	53.47 0.80 0.00	47.15 1.33 0.00	39.55 1.11 0.00	38.51 1.13 0.00	36.67 0.93 0.00	33.56 1.03 0.00	41.46 0.97 0.00	51.13 0.81 0.00	46.99 0.81 0.00	40.32 0.89 0.00	40.10 1.27 0.00	35.16 0.85 -0.17	29.22 0.89 -0.50	33.76 0.98 -1.00	30.50 1.09 0.00	43.93 1.43 -0.53	47.87 1.83 -0.67	53.81 2.06 0.00	69.70 2.94 0.00	121.15 5.47 0.00	44.57 2.01 0.00	48.28 3.06 0.00	44.18 2.77 0.00	37.09 2.12 0.00
WADING RIVER_IC_3 23601	53.47 0.80 0.00	47.15 1.33 0.00	39.55 1.11 0.00	38.51 1.13 0.00	36.67 0.93 0.00	33.56 1.03 0.00	41.46 0.97 0.00	51.13 0.81 0.00	46.99 0.81 0.00	40.32 0.89 0.00	40.10 1.27 0.00	35.16 0.85 -0.17	29.22 0.89 -0.50	33.76 0.98 -1.00	30.50 1.09 0.00	43.93 1.43 -0.53	47.87 1.83 -0.67	53.81 2.06 0.00	69.70 2.94 0.00	121.15 5.47 0.00	44.57 2.01 0.00	48.28 3.06 0.00	44.18 2.77 0.00	37.09 2.12 0.00
WALDENNY_12_KV_BK2 80841	51.46 -1.20 0.00	44.01 -1.81 0.00	36.87 -1.56 0.00	35.69 -1.69 0.00	33.67 -2.07 0.00	29.89 -2.65 0.00	37.67 -2.81 0.00	39.55 -3.17 7.59	44.62 -1.56 0.00	37.17 -2.27 0.00	36.67 -2.16 0.00	32.87 -1.27 0.00	26.70 -1.13 0.00	30.57 -1.20 0.00	25.33 -1.59 2.48	29.77 -2.16 10.05	29.45 -3.44 12.49	30.47 -4.67 16.62	40.90 -6.26 19.60	79.34 -8.88 27.46	35.71 -3.08 3.77	41.78 -3.44 0.00	25.35 -3.52 12.53	20.82 -2.50 11.66
WALDEN__HYDRO 24148	53.48 0.81 0.00	46.77 0.95 0.00	39.15 0.72 0.00	38.00 0.63 0.00	36.46 0.72 0.00	33.35 0.82 0.00	41.41 0.92 0.00	51.44 1.12 0.00	47.20 1.02 0.00	40.40 0.97 0.00	39.72 0.89 0.00	35.01 0.72 -0.15	28.87 0.62 -0.43	33.40 0.77 -0.85	30.24 0.83 0.00	43.48 1.06 -0.45	47.39 1.45 -0.57	53.58 1.83 0.00	69.49 2.73 0.00	119.90 4.23 0.00	44.02 1.47 0.00	46.71 1.49 0.00	42.78 1.38 0.00	36.05 1.07 0.00
WARRENSBURG____ 23737	54.32 1.65 0.00	47.36 1.54 0.00	39.69 1.26 0.00	38.71 1.34 0.00	37.24 1.50 0.00	34.06 1.53 0.00	42.51 2.03 0.00	52.79 2.48 0.00	48.17 1.98 0.00	40.87 1.43 0.00	40.06 1.23 0.00	35.16 1.06 0.04	28.23 0.52 0.11	31.92 0.38 0.22	29.89 0.48 0.00	43.09 1.12 0.00	47.49 2.12 0.00	54.61 2.85 0.00	70.39 3.63 0.00	121.44 5.76 0.00	44.52 1.97 0.00	47.32 2.10 0.00	43.28 1.87 0.00	36.58 1.60 0.00
WATERSIDE__6 8 9 23538	54.03 1.36 0.00	47.35 1.53 0.00	39.67 1.24 0.00	38.49 1.11 0.00	36.94 1.20 0.00	33.82 1.29 -0.01	41.85 1.36 0.00	51.93 1.61 0.00	47.81 1.63 0.00	41.07 1.64 0.00	40.47 1.64 0.00	35.74 1.43 -0.17	29.60 1.28 -0.51	34.23 1.46 -1.00	30.92 1.51 -0.01	44.28 1.78 -0.53	48.23 2.20 -0.67	54.36 2.60 0.00	70.36 3.60 0.00	121.32 5.64 0.00	44.55 2.00 0.00	47.28 2.05 0.00	43.37 1.96 0.00	36.52 1.55 0.00

WATKINRD_115KV_LN8_ILLLION 55919	52.63 -0.04 0.00	46.05 -0.13 -0.36	38.59 -0.28 -0.44	37.10 -0.27 0.00	35.58 -0.16 0.00	32.43 -0.10 0.00	40.45 -0.04 0.00	50.22 -0.09 0.00	45.95 -0.24 0.00	41.40 -0.20 -2.17	38.57 -0.31 -0.04	33.76 -0.38 0.00	27.31 -0.51 0.00	31.05 -0.72 0.00	28.89 -0.52 0.00	41.56 -0.41 0.00	45.26 -0.11 0.00	51.87 0.12 0.00	67.07 0.31 0.00	115.94 0.26 0.00	42.66 0.11 0.00	45.46 0.23 0.00	41.65 0.24 0.00	35.16 0.19 0.00
WDELAWARE___HYD 323627	52.53 -0.14 0.00	46.20 0.38 0.00	38.69 0.26 0.00	37.57 0.20 0.00	36.06 0.32 0.00	33.00 0.47 0.00	41.05 0.57 0.00	51.06 0.74 0.00	47.54 1.35 0.00	40.57 1.14 0.00	39.84 1.01 0.00	35.03 0.77 -0.11	28.75 0.59 -0.33	33.21 0.77 -0.66	30.31 0.90 0.00	43.74 1.42 -0.35	47.46 1.64 -0.44	53.86 2.10 0.00	69.92 3.16 0.00	120.53 4.85 0.00	44.23 1.67 0.00	46.92 1.69 0.00	42.90 1.49 0.00	36.14 1.17 0.00
WEST BABYLON___IC 23714	54.33 1.66 0.00	47.67 1.85 0.00	39.93 1.49 0.00	38.77 1.40 0.00	37.10 1.36 0.00	34.01 1.48 0.00	41.99 1.51 0.00	52.02 1.71 0.00	47.70 1.52 0.00	40.93 1.49 0.00	40.46 1.63 0.00	35.62 1.30 -0.17	29.47 1.15 -0.50	34.18 1.41 -1.00	30.98 1.57 0.00	44.71 2.21 -0.53	48.61 2.57 -0.67	54.85 3.10 0.00	70.92 4.16 0.00	122.64 6.96 0.00	45.11 2.56 0.00	48.28 3.06 0.00	44.23 2.82 0.00	37.15 2.18 0.00
WEST CANADA___HYD 24049	52.59 -0.08 0.00	46.12 -0.05 -0.36	38.79 -0.08 -0.44	37.30 -0.07 0.00	35.69 -0.05 0.00	32.47 -0.06 0.00	40.43 -0.06 0.00	50.21 -0.10 0.00	46.09 -0.09 0.00	41.55 -0.05 -2.17	38.81 -0.07 -0.04	34.05 -0.09 0.00	27.72 -0.10 0.00	31.65 -0.12 0.00	29.32 -0.09 0.00	41.84 -0.13 0.00	45.30 -0.08 0.00	51.73 -0.03 0.00	66.82 0.06 0.00	115.63 -0.05 0.00	42.55 0.00 0.00	45.23 0.00 0.00	41.41 0.00 0.00	34.99 0.02 0.00
WESTERN_NY_WIND 24143	51.83 -0.84 0.00	44.49 -1.33 0.00	37.28 -1.15 0.00	36.13 -1.24 0.00	34.27 -1.47 0.00	30.65 -1.88 0.00	38.67 -1.82 0.00	44.70 -1.88 3.74	45.65 -0.54 0.00	38.04 -1.40 0.00	37.49 -1.35 0.00	33.54 -0.60 0.00	27.08 -0.74 0.00	31.15 -0.62 0.00	27.17 -0.82 0.00	35.08 -1.17 5.73	35.85 -2.40 7.13	38.77 -3.50 9.49	51.17 -4.40 11.18	94.47 -5.54 15.67	38.40 -2.01 2.15	42.93 -2.29 0.00	31.91 -2.35 7.15	26.72 -1.60 6.65
WESTOVER___LESR 323668	52.39 -0.28 0.00	45.44 -0.38 0.00	38.06 -0.38 0.00	37.02 -0.35 0.00	35.29 -0.46 0.00	32.05 -0.48 0.00	39.94 -0.55 0.00	49.72 -0.59 0.00	45.73 -0.45 0.00	39.02 -0.41 0.00	38.49 -0.34 0.00	33.86 -0.28 0.00	27.54 -0.28 0.00	31.56 -0.21 0.00	29.14 -0.27 0.00	41.60 -0.36 0.01	44.64 -0.73 0.00	50.96 -0.80 0.00	65.97 -0.79 0.00	114.25 -1.43 0.00	42.13 -0.42 0.00	44.76 -0.46 0.00	40.81 -0.60 0.00	34.51 -0.47 0.00
WETHRSFD_WT_PWR 323626	35.00 -1.65 16.02	35.59 -2.02 8.21	27.96 -1.85 8.62	29.53 -2.05 5.79	27.51 -2.70 5.53	29.16 -3.37 0.00	27.39 -3.90 9.20	17.91 -4.45 27.96	31.75 -3.19 11.24	35.93 -3.50 0.00	35.43 -3.40 0.00	31.97 -2.18 0.00	26.00 -1.82 0.00	29.72 -2.05 0.00	18.64 -2.62 8.14	4.99 -3.76 33.22	-0.54 -4.88 41.03	-10.18 -5.60 56.34	-4.94 -7.31 64.39	10.03 -11.25 94.40	22.67 -3.67 16.21	36.88 -3.97 4.38	-5.40 -4.35 42.46	-6.82 -3.50 38.30
WHAVSTOR_138KV_BK127 55557	53.39 0.72 0.00	46.73 0.91 0.00	39.12 0.69 0.00	37.97 0.60 0.00	36.43 0.69 0.00	33.32 0.78 0.00	41.32 0.83 0.00	51.29 0.98 0.00	47.10 0.91 0.00	40.41 0.98 0.00	39.80 0.97 0.00	35.13 0.83 -0.16	29.05 0.75 -0.47	33.60 0.89 -0.94	30.36 0.96 0.00	43.53 1.06 -0.50	47.45 1.45 -0.63	53.59 1.84 0.00	69.44 2.68 0.00	119.66 3.99 0.00	43.93 1.38 0.00	46.63 1.41 0.00	42.75 1.35 0.00	36.02 1.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	53.39 0.72 0.00	46.73 0.91 0.00	39.12 0.69 0.00	37.97 0.60 0.00	36.43 0.69 0.00	33.32 0.78 0.00	41.32 0.83 0.00	51.29 0.98 0.00	47.10 0.91 0.00	40.41 0.98 0.00	39.80 0.97 0.00	35.13 0.83 -0.16	29.05 0.75 -0.47	33.60 0.89 -0.94	30.36 0.96 0.00	43.53 1.06 -0.50	47.45 1.45 -0.63	53.59 1.84 0.00	69.44 2.68 0.00	119.66 3.99 0.00	43.93 1.38 0.00	46.63 1.41 0.00	42.75 1.35 0.00	36.02 1.04 0.00
WHITEHAL_115KV_TB1 80871	54.14 1.48 0.00	47.25 1.43 0.00	39.65 1.21 0.00	38.88 1.51 0.00	37.65 1.91 0.00	34.70 2.17 0.00	43.39 2.90 0.00	53.70 3.38 0.00	48.71 2.53 0.00	40.75 1.32 0.00	39.99 1.16 0.00	35.19 1.09 0.04	28.17 0.46 0.11	31.88 0.34 0.22	29.77 0.37 0.00	42.90 0.93 0.00	48.13 2.76 0.00	55.78 4.02 0.00	71.52 4.76 0.00	123.01 7.33 0.00	44.82 2.27 0.00	47.63 2.40 0.00	43.65 2.24 0.00	37.01 2.04 0.00
WHITEPLN_13_KV_LOAD 356215	54.03 1.36 0.00	47.29 1.48 0.00	39.58 1.14 0.00	38.42 1.05 0.00	36.87 1.13 0.00	33.74 1.21 0.00	41.87 1.38 0.00	52.01 1.69 0.00	47.79 1.61 0.00	40.98 1.54 0.00	40.36 1.53 0.00	35.62 1.31 -0.17	29.47 1.15 -0.50	34.13 1.36 -1.00	30.78 1.38 0.00	44.19 1.70 -0.53	48.17 2.14 -0.67	54.39 2.64 0.00	70.44 3.68 0.00	121.48 5.80 0.00	44.57 2.01 0.00	47.29 2.07 0.00	43.33 1.92 0.00	36.50 1.52 0.00
WM_FLOYD_69_KV_BK2 356380	53.69 1.02 0.00	47.28 1.46 0.00	39.63 1.20 0.00	38.56 1.18 0.00	36.80 1.07 0.00	33.72 1.19 0.00	41.63 1.15 0.00	51.38 1.07 0.00	47.13 0.94 0.00	40.43 1.00 0.00	40.07 1.24 0.00	35.19 0.88 -0.17	29.20 0.87 -0.50	33.80 1.03 -1.00	30.61 1.21 0.00	44.15 1.65 -0.53	48.08 2.04 -0.67	54.09 2.34 0.00	70.06 3.31 0.00	121.60 5.91 0.00	44.72 2.16 0.00	48.25 3.02 0.00	44.18 2.77 0.00	37.09 2.12 0.00
WOODARD_115KV_TB2 355635	52.01 -0.66 0.00	45.46 -0.67 -0.32	38.23 -0.59 -0.39	36.80 -0.57 0.00	35.18 -0.56 0.00	32.03 -0.50 0.00	39.96 -0.52 0.00	49.75 -0.57 0.00	45.77 -0.42 0.00	40.94 -0.41 -1.92	38.47 -0.39 -0.04	33.83 -0.31 0.00	27.54 -0.28 0.00	31.51 -0.26 0.00	29.13 -0.27 0.00	41.54 -0.43 0.00	44.76 -0.61 0.00	51.10 -0.66 0.00	66.06 -0.70 0.00	114.48 -1.19 0.00	42.13 -0.43 0.00	44.72 -0.51 0.00	40.84 -0.57 0.00	34.48 -0.49 0.00
WOODMERE_69_KV_BK1 55827	54.18 1.51 0.00	47.53 1.71 0.00	39.78 1.34 0.00	38.61 1.23 0.00	37.00 1.26 0.00	33.90 1.37 0.00	41.85 1.37 0.00	51.89 1.58 0.00	47.67 1.49 0.00	40.90 1.46 0.00	40.36 1.53 0.00	35.60 1.29 -0.17	29.47 1.14 -0.50	34.15 1.38 -1.00	30.86 1.45 0.00	44.40 1.90 -0.53	48.30 2.26 -0.67	54.54 2.78 0.00	70.54 3.79 0.00	121.86 6.18 0.00	44.81 2.26 0.00	47.75 2.53 0.00	43.74 2.33 0.00	36.81 1.84 0.00
YORK___WARBASSE 23770	54.06 1.39 0.00	47.42 1.60 0.00	39.77 1.33 0.00	38.56 1.19 0.00	37.02 1.28 0.00	33.89 1.35 -0.01	41.93 1.44 0.00	52.05 1.73 0.00	47.91 1.72 0.00	41.14 1.71 0.00	40.52 1.68 0.00	35.79 1.47 -0.17	29.63 1.30 -0.51	34.26 1.49 -1.00	30.96 1.54 -0.01	44.31 1.81 -0.53	48.29 2.25 -0.67	54.39 2.63 0.00	70.47 3.71 0.00	121.54 5.86 0.00	44.64 2.09 0.00	47.37 2.14 0.00	43.44 2.03 0.00	36.57 1.60 0.00