

ALBANY___2 23572	26.20 0.39 0.00	24.48 0.48 0.00	22.24 0.41 0.00	21.50 0.38 0.00	21.20 0.31 0.00	22.16 0.37 0.00	24.90 0.32 0.00	26.44 0.31 0.00	27.31 0.30 0.00	27.79 0.22 0.00	28.93 0.31 0.00	30.91 0.28 0.16	34.09 0.27 0.00	34.17 0.44 0.33	34.59 0.62 0.36	37.64 0.85 0.21	42.93 1.01 0.18	49.54 1.26 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.22 1.06 0.00	36.35 0.75 0.00	34.64 0.51 0.00	30.33 0.57 0.00
ALBANY___3 23573	26.20 0.39 0.00	24.48 0.48 0.00	22.24 0.41 0.00	21.50 0.38 0.00	21.20 0.31 0.00	22.16 0.37 0.00	24.90 0.32 0.00	26.44 0.31 0.00	27.31 0.30 0.00	27.79 0.22 0.00	28.93 0.31 0.00	30.91 0.28 0.16	34.09 0.27 0.00	34.17 0.44 0.33	34.59 0.62 0.36	37.64 0.85 0.21	42.93 1.01 0.18	49.54 1.26 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.22 1.06 0.00	36.35 0.75 0.00	34.64 0.51 0.00	30.33 0.57 0.00
ALBANY___4 23574	26.20 0.39 0.00	24.48 0.48 0.00	22.24 0.41 0.00	21.50 0.38 0.00	21.20 0.31 0.00	22.16 0.37 0.00	24.90 0.32 0.00	26.44 0.31 0.00	27.31 0.30 0.00	27.79 0.22 0.00	28.93 0.31 0.00	30.91 0.28 0.16	34.09 0.27 0.00	34.17 0.44 0.33	34.59 0.62 0.36	37.64 0.85 0.21	42.93 1.01 0.18	49.54 1.26 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.22 1.06 0.00	36.35 0.75 0.00	34.64 0.51 0.00	30.33 0.57 0.00
ALBANY___LFGE 323615	26.45 0.65 0.00	24.70 0.70 0.00	22.43 0.61 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.12 0.54 0.00	26.64 0.52 0.00	27.56 0.54 0.00	28.00 0.44 0.00	29.19 0.57 0.00	31.20 0.58 0.17	34.46 0.64 0.00	34.52 0.82 0.36	34.97 1.03 0.39	38.07 1.29 0.23	43.37 1.47 0.20	50.16 1.88 0.00	47.69 1.88 0.00	43.30 1.62 0.00	40.73 1.57 0.00	36.81 1.21 0.00	35.05 0.92 0.00	30.66 0.89 0.00
ALCOA_PA_115KV_PL-6C 55860	25.37 -0.44 0.00	23.64 -0.36 0.00	21.47 -0.35 0.00	21.10 -0.02 0.00	20.87 -0.02 0.00	21.44 -0.35 0.00	24.28 -0.29 0.00	25.78 -0.34 0.00	26.61 -0.41 0.00	27.15 -0.41 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.24 -0.57 0.00	33.21 -0.85 0.00	33.13 -1.20 0.00	35.41 -1.59 0.00	40.37 -1.73 0.00	46.40 -1.88 0.00	43.89 -1.92 0.00	40.09 -1.58 0.00	37.55 -1.61 0.01	29.16 -1.32 5.12	33.10 -1.02 0.01	28.99 -0.77 0.01
ALCOA_RYNLDS___DRP 24188	25.37 -0.44 0.00	23.64 -0.36 0.00	21.47 -0.35 0.00	21.10 -0.02 0.00	20.87 -0.02 0.00	21.44 -0.35 0.00	24.28 -0.29 0.00	25.78 -0.34 0.00	26.61 -0.41 0.00	27.15 -0.41 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.24 -0.57 0.00	33.21 -0.85 0.00	33.13 -1.20 0.00	35.41 -1.59 0.00	40.37 -1.73 0.00	46.40 -1.88 0.00	43.89 -1.92 0.00	40.09 -1.58 0.00	37.55 -1.61 0.01	29.16 -1.32 5.12	33.10 -1.02 0.01	28.99 -0.77 0.01
ALCOA___DSASP 323711	25.37 -0.44 0.00	23.64 -0.36 0.00	21.47 -0.35 0.00	20.79 -0.34 0.00	20.55 -0.33 0.00	21.44 -0.35 0.00	24.28 -0.29 0.00	25.76 -0.37 0.00	26.61 -0.40 0.00	27.15 -0.41 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.24 -0.58 0.00	33.21 -0.85 0.00	33.13 -1.20 0.00	35.41 -1.59 0.00	40.37 -1.73 0.00	46.40 -1.88 0.00	43.89 -1.92 0.00	40.05 -1.63 0.00	37.55 -1.61 0.01	29.16 -1.32 5.12	33.10 -1.02 0.01	28.98 -0.77 0.01
ALLEGHENY___COGEN 23514	26.51 0.70 0.00	24.02 0.02 0.00	21.91 0.09 0.00	21.44 0.32 0.00	21.24 0.35 0.00	21.88 0.09 0.00	24.92 0.34 0.00	26.72 0.60 0.00	27.31 0.30 0.00	27.84 0.28 0.00	28.56 -0.06 0.00	30.76 -0.03 0.00	33.34 -0.47 0.00	33.82 -0.24 0.00	34.16 -0.17 0.00	36.78 -0.22 0.00	41.85 -0.25 0.00	47.99 -0.29 0.00	45.95 0.14 0.00	42.84 1.17 0.00	40.69 1.53 0.00	37.34 1.74 0.00	35.56 1.43 0.00	30.72 0.95 0.00
ALTAMONT_115KV_TB 2 55880	26.40 0.59 0.00	24.60 0.60 0.00	22.37 0.55 0.00	21.63 0.51 0.00	21.35 0.46 0.00	22.32 0.52 0.00	25.12 0.54 0.00	26.70 0.57 0.00	27.58 0.57 0.00	28.09 0.52 0.00	29.21 0.60 0.00	31.30 0.62 0.11	34.53 0.71 0.00	34.69 0.85 0.22	35.12 1.03 0.24	38.15 1.29 0.14	43.49 1.52 0.12	50.12 1.83 0.00	47.60 1.79 0.00	43.26 1.58 0.00	40.69 1.53 0.00	36.77 1.17 0.00	35.09 0.96 0.00	30.60 0.83 0.00
ALTONA_WT_PWR 323606	25.81 0.00 0.00	23.98 -0.02 0.00	21.82 0.00 0.00	21.10 -0.02 0.00	20.91 0.02 0.00	21.81 0.02 0.00	24.72 0.15 0.00	26.38 0.26 0.00	27.21 0.19 0.00	27.87 0.30 0.00	29.01 0.40 0.00	31.16 0.37 0.00	34.02 0.20 0.00	33.96 -0.10 0.00	33.75 -0.58 0.00	36.11 -0.89 0.00	41.30 -0.80 0.00	47.41 -0.87 0.00	44.76 -1.05 0.00	40.92 -0.75 0.00	38.06 -1.10 0.01	29.15 -1.21 5.24	32.79 -1.33 0.01	28.60 -1.16 0.01
AMERICAN_REF_FUEL 24010	25.04 -0.77 0.00	22.49 -1.51 0.00	20.58 -1.24 0.00	20.53 -0.59 0.00	20.30 -0.58 0.00	20.38 -1.42 0.00	23.13 -1.45 0.00	24.84 -1.28 0.00	25.58 -1.43 0.00	26.52 -1.05 0.00	27.27 -1.34 0.00	29.28 -1.51 0.00	31.72 -2.10 0.00	32.42 -1.63 0.00	32.65 -1.68 0.00	34.78 -2.22 0.00	39.24 -2.86 0.00	44.13 -4.15 0.00	41.69 -4.12 0.00	38.55 -3.13 0.00	36.69 -2.47 0.00	34.11 -1.49 0.00	32.83 -1.30 0.00	28.84 -0.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.07 0.26 0.00	23.45 -0.55 0.00	21.45 -0.37 0.00	21.08 -0.04 0.00	20.89 0.00 0.00	21.36 -0.44 0.00	24.18 -0.39 0.00	25.97 -0.16 0.00	26.80 -0.22 0.00	27.76 0.19 0.00	28.81 0.20 0.00	31.07 0.28 0.00	33.65 -0.17 0.00	34.43 0.38 0.00	34.64 0.31 0.00	36.81 -0.18 0.00	41.13 -0.97 0.00	46.40 -1.88 0.00	43.80 -2.01 0.00	40.34 -1.34 0.00	38.14 -1.02 0.00	35.21 -0.39 0.00	33.86 -0.27 0.00	29.56 -0.21 0.00
ARTHUR KILL_GT_1 23520	27.51 1.70 0.00	25.56 1.56 0.00	23.15 1.33 0.00	22.39 1.27 0.00	22.12 1.23 0.00	23.06 1.26 0.00	25.88 1.30 0.00	27.79 1.67 0.01	28.90 1.89 0.01	29.60 2.04 0.00	36.82 2.63 -5.57	41.25 2.86 -7.59	50.26 3.32 -13.13	53.16 3.51 -15.59	47.24 3.98 -8.93	107.29 4.74 -65.55	80.05 5.39 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.32 4.62 -47.54	52.36 3.49 -13.27	50.72 3.04 -13.56	32.22 2.44 -0.02
ARTHUR_KILL_2 23512	27.44 1.63 0.00	25.49 1.49 0.00	23.09 1.27 0.00	22.33 1.20 0.00	22.06 1.17 0.00	22.99 1.20 0.00	25.80 1.23 0.00	27.71 1.59 0.01	28.82 1.81 0.01	29.52 1.96 0.00	36.70 2.52 -5.57	41.12 2.74 -7.59	50.13 3.18 -13.13	53.03 3.37 -15.59	47.07 3.81 -8.93	107.10 4.55 -65.55	79.83 5.18 -32.56	76.50 5.60 -22.62	79.83 4.99 -29.03	76.31 4.50 -30.14	91.13 4.42 -47.54	52.22 3.35 -13.27	50.59 2.90 -13.56	32.11 2.32 -0.02
ARTHUR_KILL_3 23513	27.25 1.44 0.00	25.37 1.37 0.00	23.06 1.24 0.00	22.26 1.14 0.00	22.01 1.13 0.00	23.08 1.29 0.00	25.93 1.35 0.00	27.82 1.70 0.00	28.91 1.89 0.00	29.55 1.99 0.00	33.50 2.43 -2.45	39.78 2.68 -6.31	42.68 3.08 -5.78	45.49 3.27 -8.16	45.44 3.64 -7.46	46.87 4.25 -5.62	47.17 4.84 -0.23	53.50 5.22 0.00	50.44 4.63 0.00	45.76 4.09 0.00	46.47 4.03 -3.27	45.49 3.10 -6.80	43.84 2.76 -6.94	31.95 2.17 -0.01

ARTHUR_KILL_COGEN 323718	27.51 1.70 0.00	25.56 1.56 0.00	23.15 1.33 0.00	22.39 1.27 0.00	22.12 1.23 0.00	23.06 1.26 0.00	25.88 1.30 0.00	27.79 1.67 0.01	28.90 1.89 0.01	29.60 2.04 0.00	36.82 2.63 -5.57	41.25 2.86 -7.59	50.26 3.32 -13.13	53.16 3.51 -15.59	47.24 3.98 -8.93	107.29 4.74 -65.55	80.05 5.39 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.32 4.62 -47.54	52.36 3.49 -13.27	50.72 3.04 -13.56	32.22 2.44 -0.02
ASHOKAN____ 23654	26.94 1.13 0.00	25.05 1.05 0.00	22.78 0.96 0.00	22.01 0.89 0.00	21.74 0.86 0.00	22.62 0.83 0.00	25.31 0.74 0.00	26.70 0.57 0.00	27.47 0.46 0.00	27.87 0.30 0.00	28.90 0.29 0.00	32.24 1.45 0.00	34.36 0.54 0.00	36.24 2.18 0.00	36.94 2.61 0.00	40.14 3.14 0.00	45.97 3.87 0.00	51.28 2.99 0.00	48.83 3.02 0.00	44.26 2.58 0.00	41.70 2.54 0.00	37.77 2.17 0.00	35.97 1.84 0.00	31.31 1.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	27.36 1.55 0.00	25.54 1.54 0.00	23.13 1.31 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.08 1.29 0.00	25.94 1.38 0.01	27.84 1.72 0.01	28.93 1.92 0.01	29.60 2.04 0.01	31.18 2.58 0.01	38.93 2.86 -5.27	37.11 3.28 -0.01	39.85 3.48 -2.31	44.30 3.84 -6.12	47.10 4.47 -5.63	47.24 4.92 -0.22	53.54 5.26 0.01	50.48 4.68 0.01	45.92 4.25 0.01	43.38 4.23 0.01	38.83 3.24 0.01	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_EAST_ENERGY_CC2 323582	27.36 1.55 0.00	25.54 1.54 0.00	23.13 1.31 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.08 1.29 0.00	25.94 1.38 0.01	27.84 1.72 0.01	28.93 1.92 0.01	29.60 2.04 0.01	31.18 2.58 0.01	38.93 2.86 -5.27	37.11 3.28 -0.01	39.85 3.48 -2.31	44.30 3.84 -6.12	47.10 4.47 -5.63	47.24 4.92 -0.22	53.54 5.26 0.01	50.48 4.68 0.01	45.92 4.25 0.01	43.38 4.23 0.01	38.83 3.24 0.01	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT2_1 24094	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT2_2 24095	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT2_3 24096	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT2_4 24097	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT3_1 24098	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT3_2 24099	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT3_3 24100	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT3_4 24101	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT4_1 24102	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT4_2 24103	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT4_3 24104	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00

ASTORIA_GT4_4 24105	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.08 1.29 0.00	26.03 1.45 0.00	27.95 1.83 0.00	28.96 1.95 0.00	29.71 2.15 0.00	31.21 2.60 0.01	38.94 2.86 -5.28	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.30 4.97 -0.23	53.59 5.31 0.00	50.53 4.72 0.00	45.92 4.25 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA_GT_1 23523	27.44 1.63 0.00	25.58 1.58 0.00	23.18 1.35 0.00	22.41 1.29 0.00	22.16 1.27 0.00	23.12 1.33 0.00	25.99 1.42 0.01	27.92 1.80 0.01	29.01 2.00 0.01	29.68 2.12 0.01	31.27 2.66 0.01	39.02 2.96 -5.27	37.21 3.38 -0.01	39.95 3.58 -2.31	44.40 3.95 -6.12	47.25 4.62 -5.63	47.41 5.09 -0.22	53.73 5.45 0.01	50.66 4.85 0.01	46.04 4.37 0.01	43.54 4.39 0.01	38.94 3.35 0.01	37.14 3.00 0.00	32.18 2.41 0.00
ASTORIA_GT_10 24110	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.00 2.60 -0.78	38.91 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.48 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.39 4.23 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
ASTORIA_GT_11 24225	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.00 2.60 -0.78	38.91 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.48 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.39 4.23 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
ASTORIA_GT_12 24226	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.00 2.60 -0.78	38.91 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.48 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.39 4.23 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
ASTORIA_GT_13 24227	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.00 2.60 -0.78	38.91 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.48 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.39 4.23 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
ASTORIA_GT_5 24106	27.43 1.63 0.00	25.58 1.58 0.00	23.20 1.37 0.00	22.50 1.37 0.00	22.20 1.32 0.00	23.12 1.33 0.00	26.08 1.50 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	31.27 2.66 0.01	39.03 2.96 -5.28	37.21 3.38 -0.01	39.95 3.58 -2.31	44.40 3.95 -6.12	47.25 4.62 -5.63	47.42 5.09 -0.23	53.74 5.46 0.00	50.67 4.86 0.00	46.05 4.38 0.00	43.47 4.31 0.00	38.95 3.35 0.00	37.10 2.97 0.00	32.18 2.41 0.00
ASTORIA_GT_7 24107	27.43 1.63 0.00	25.58 1.58 0.00	23.20 1.37 0.00	22.50 1.37 0.00	22.20 1.32 0.00	23.12 1.33 0.00	26.08 1.50 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	31.27 2.66 0.01	39.03 2.96 -5.28	37.21 3.38 -0.01	39.95 3.58 -2.31	44.40 3.95 -6.12	47.25 4.62 -5.63	47.42 5.09 -0.23	53.74 5.46 0.00	50.67 4.86 0.00	46.05 4.38 0.00	43.47 4.31 0.00	38.95 3.35 0.00	37.10 2.97 0.00	32.18 2.41 0.00
ASTORIA_GT_8 24108	27.43 1.63 0.00	25.58 1.58 0.00	23.20 1.37 0.00	22.50 1.37 0.00	22.20 1.32 0.00	23.12 1.33 0.00	26.08 1.50 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	31.27 2.66 0.01	39.03 2.96 -5.28	37.21 3.38 -0.01	39.95 3.58 -2.31	44.40 3.95 -6.12	47.25 4.62 -5.63	47.42 5.09 -0.23	53.74 5.46 0.00	50.67 4.86 0.00	46.05 4.38 0.00	43.47 4.31 0.00	38.95 3.35 0.00	37.10 2.97 0.00	32.18 2.41 0.00
ASTORIA___2 24149	27.38 1.57 0.00	25.54 1.54 0.00	23.15 1.33 0.00	22.39 1.27 0.00	22.12 1.23 0.00	23.08 1.29 0.00	25.94 1.38 0.01	27.86 1.75 0.01	28.95 1.95 0.01	29.63 2.07 0.01	31.21 2.60 0.01	38.93 2.86 -5.27	37.11 3.28 -0.01	39.88 3.51 -2.31	44.33 3.88 -6.12	47.14 4.51 -5.63	47.29 4.97 -0.22	53.58 5.31 0.01	50.52 4.72 0.01	45.92 4.25 0.01	43.42 4.27 0.01	38.86 3.27 0.01	37.03 2.90 0.00	32.09 2.32 0.00
ASTORIA___3 23516	27.38 1.57 0.00	25.51 1.51 0.00	23.15 1.33 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.12 1.33 0.00	25.98 1.40 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.66 2.09 0.00	32.00 2.60 -0.78	38.90 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.47 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.47 4.31 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
ASTORIA___4 23517	27.41 1.60 0.00	25.51 1.51 0.00	23.15 1.33 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.00 2.60 -0.78	38.91 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.48 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.39 4.23 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
ASTORIA___5 23518	27.38 1.57 0.00	25.51 1.51 0.00	23.15 1.33 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.12 1.33 0.00	25.98 1.40 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.66 2.09 0.00	32.00 2.60 -0.78	38.90 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.47 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.47 4.31 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
AST_ENERGY_2_CC3 323677	27.33 1.52 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.06 1.17 0.00	23.12 1.33 0.00	25.98 1.40 0.00	27.87 1.75 0.00	28.93 1.92 0.00	29.58 2.01 0.00	31.07 2.46 0.00	38.66 2.74 -5.13	36.91 3.08 -0.02	39.66 3.34 -2.26	44.15 3.71 -6.11	46.98 4.36 -5.62	47.24 4.92 -0.21	53.62 5.36 0.02	50.62 4.81 0.00	45.84 4.17 0.00	43.27 4.11 0.00	38.77 3.17 0.00	36.93 2.80 0.00	32.00 2.23 0.00
AST_ENERGY_2_CC4 323678	27.33 1.52 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.06 1.17 0.00	23.12 1.33 0.00	25.98 1.40 0.00	27.87 1.75 0.00	28.93 1.92 0.00	29.58 2.01 0.00	31.07 2.46 0.00	38.66 2.74 -5.13	36.91 3.08 -0.02	39.66 3.34 -2.26	44.15 3.71 -6.11	46.98 4.36 -5.62	47.24 4.92 -0.21	53.62 5.36 0.02	50.62 4.81 0.00	45.84 4.17 0.00	43.27 4.11 0.00	38.77 3.17 0.00	36.93 2.80 0.00	32.00 2.23 0.00

ATHENS_STG_1 23668	26.48 0.67 0.00	24.70 0.70 0.00	22.45 0.63 0.00	21.69 0.57 0.00	21.43 0.54 0.00	22.42 0.63 0.00	25.21 0.64 0.00	26.83 0.71 0.00	27.77 0.76 0.00	28.31 0.74 0.00	29.53 0.92 0.00	31.88 1.01 -0.08	35.00 1.18 0.00	35.54 1.33 -0.16	36.09 1.58 -0.17	39.06 1.96 -0.10	44.46 2.27 -0.09	50.89 2.61 0.00	48.24 2.43 0.00	43.76 2.08 0.00	41.16 2.00 0.00	37.09 1.49 0.00	35.36 1.23 0.00	30.78 1.01 0.00
ATHENS_STG_2 23670	26.48 0.67 0.00	24.70 0.70 0.00	22.45 0.63 0.00	21.69 0.57 0.00	21.43 0.54 0.00	22.42 0.63 0.00	25.21 0.64 0.00	26.83 0.71 0.00	27.77 0.76 0.00	28.31 0.74 0.00	29.53 0.92 0.00	31.88 1.01 -0.08	35.00 1.18 0.00	35.54 1.33 -0.16	36.09 1.58 -0.17	39.06 1.96 -0.10	44.46 2.27 -0.09	50.89 2.61 0.00	48.24 2.43 0.00	43.76 2.08 0.00	41.16 2.00 0.00	37.09 1.49 0.00	35.36 1.23 0.00	30.78 1.01 0.00
ATHENS_STG_3 23677	26.48 0.67 0.00	24.70 0.70 0.00	22.45 0.63 0.00	21.69 0.57 0.00	21.43 0.54 0.00	22.42 0.63 0.00	25.21 0.64 0.00	26.83 0.71 0.00	27.77 0.76 0.00	28.31 0.74 0.00	29.53 0.92 0.00	31.88 1.01 -0.08	35.00 1.18 0.00	35.54 1.33 -0.16	36.09 1.58 -0.17	39.06 1.96 -0.10	44.46 2.27 -0.09	50.89 2.61 0.00	48.24 2.43 0.00	43.76 2.08 0.00	41.16 2.00 0.00	37.09 1.49 0.00	35.36 1.23 0.00	30.78 1.01 0.00
AUBURN___LFGE 323710	25.94 0.13 0.00	23.95 -0.05 0.00	21.76 -0.07 0.00	21.00 -0.13 0.00	20.82 -0.06 0.00	21.75 -0.04 0.00	24.65 0.07 0.00	26.17 0.05 0.00	27.12 0.11 0.00	27.67 0.11 0.00	28.67 0.06 0.00	30.92 0.12 0.00	33.89 0.07 0.00	34.37 0.31 0.00	34.75 0.41 0.00	37.62 0.48 -0.14	43.14 0.51 -0.53	49.54 0.58 -0.68	47.60 0.46 -1.33	43.02 0.50 -0.85	40.17 0.59 -0.42	36.17 0.57 0.00	34.61 0.48 0.00	29.98 0.21 0.00
BABYLON_RES_REC 323704	34.04 2.07 -6.16	25.90 1.90 0.00	23.50 1.68 0.00	22.60 1.48 0.00	22.35 1.46 0.00	23.56 1.76 0.00	26.32 1.75 0.00	28.32 2.19 0.00	34.59 2.38 -5.19	34.58 2.45 -4.57	40.80 2.89 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	58.15 3.85 -20.24	74.67 4.22 -36.12	93.66 4.92 -51.74	103.06 5.68 -55.28	102.44 6.42 -47.74	81.45 5.82 -29.82	106.11 5.04 -59.40	55.87 4.89 -11.82	55.85 3.92 -16.34	42.63 3.45 -5.05	41.89 2.83 -9.29
BABYLON___69_KV_BK2 356345	34.37 2.40 -6.16	26.21 2.21 0.00	23.81 1.99 0.00	22.90 1.77 0.00	22.64 1.75 0.00	23.84 2.05 0.00	26.62 2.04 0.00	28.71 2.59 0.00	34.94 2.73 -5.19	35.00 2.87 -4.57	41.20 3.29 -9.30	42.85 3.63 -8.42	44.34 4.09 -6.43	72.39 4.70 -33.94	75.15 4.70 -36.12	94.18 6.31 -51.74	109.12 7.15 -60.70	118.47 7.15 -63.04	91.45 6.51 -39.13	110.75 5.67 -63.41	56.50 5.52 -11.82	56.42 4.49 -16.34	43.14 3.96 -5.05	42.33 3.27 -9.29
BALL_HILL_WT_PWR 323825	25.78 -0.03 0.00	23.21 -0.79 0.00	21.21 -0.61 0.00	20.89 -0.23 0.00	20.70 -0.19 0.00	21.14 -0.65 0.00	23.99 -0.59 0.00	25.76 -0.37 0.00	26.58 -0.43 0.00	27.54 -0.03 0.00	28.44 -0.17 0.00	30.61 -0.18 0.00	33.21 -0.61 0.00	33.99 -0.07 0.00	34.27 -0.07 0.00	36.52 -0.48 0.00	41.13 -0.97 0.00	46.45 -1.83 0.00	43.80 -2.01 0.00	40.42 -1.25 0.00	38.26 -0.90 0.00	35.39 -0.21 0.00	34.03 -0.10 0.00	29.74 -0.03 0.00
BARON_WINDS___WT_PWR 323822	25.76 -0.05 0.00	23.47 -0.53 0.00	21.39 -0.44 0.00	20.89 -0.23 0.00	20.72 -0.17 0.00	21.38 -0.41 0.00	24.26 -0.32 0.00	25.99 -0.13 0.00	26.93 -0.08 0.00	27.73 0.17 0.00	28.64 0.03 0.00	30.82 0.03 0.00	33.58 -0.24 0.00	34.20 0.14 0.00	34.51 0.17 0.00	37.07 0.04 -0.04	42.11 -0.13 -0.14	48.02 -0.44 -0.17	45.55 -0.60 -0.34	41.68 -0.21 -0.21	39.19 -0.08 -0.11	35.78 0.18 0.00	34.17 0.03 0.00	29.68 -0.09 0.00
BARRETT_IC_1 23704	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_10 23701	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_11 23702	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_12 23703	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_2 23705	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_3 23706	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_4 23707	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30

BARRETT_IC_5 23708	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_6 23709	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_7 23710	33.83 1.86 -6.16	25.70 1.70 0.00	23.35 1.53 0.00	22.54 1.42 0.00	22.24 1.36 0.00	23.36 1.57 0.00	26.17 1.60 0.00	28.16 2.04 0.00	34.40 2.19 -5.19	34.45 2.32 -4.57	40.55 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.47 -12.10	74.30 3.85 -36.12	93.21 4.48 -51.74	99.81 5.01 -52.70	94.19 5.46 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.43 -11.82	55.43 3.49 -16.34	42.32 3.14 -5.05	41.65 2.59 -9.29
BARRETT_IC_8 23711	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT_IC_9 23700	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT___1 23545	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BARRETT___2 23546	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.36 1.57 0.00	26.15 1.57 0.00	28.11 1.98 0.00	34.37 2.16 -5.19	34.39 2.26 -4.57	40.54 2.63 -9.30	42.14 2.93 -8.42	43.53 3.28 -6.43	49.63 3.48 -12.10	74.30 3.84 -36.12	93.25 4.51 -51.74	99.81 5.01 -52.70	94.19 5.45 -40.45	76.24 5.04 -25.39	103.75 4.58 -57.49	55.40 4.42 -11.82	55.43 3.49 -16.34	42.33 3.14 -5.06	41.66 2.59 -9.30
BATAVIA__115KV_TB1 55881	25.81 0.00 0.00	23.28 -0.72 0.00	21.23 -0.59 0.00	20.34 -0.78 0.00	20.24 -0.65 0.00	21.23 -0.57 0.00	23.91 -0.66 0.00	25.52 -0.60 0.00	26.66 -0.35 0.00	27.15 -0.41 0.00	28.36 -0.26 0.00	30.48 -0.31 0.00	33.21 -0.61 0.00	33.92 -0.14 0.00	34.23 -0.10 0.00	36.59 -0.41 0.00	41.30 -0.80 0.00	46.69 -1.59 -0.01	44.21 -1.60 -0.01	40.67 -1.00 0.00	38.73 -0.43 0.00	35.85 0.25 0.00	34.37 0.24 0.00	29.98 0.21 0.00
BAYONEEC___CTG1 323682	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG10 323750	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG2 323683	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG3 323684	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG4 323685	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG5 323686	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG6 323687	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00

BAYONEEC___CTG7 323688	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG8 323689	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BAYONEEC___CTG9 323749	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.13 2.52 0.00	38.69 2.77 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	46.98 4.36 -5.62	47.29 4.97 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BEACON___LESR 323632	26.56 0.75 0.00	24.79 0.79 0.00	22.50 0.68 0.00	21.74 0.61 0.00	21.45 0.56 0.00	22.45 0.65 0.00	25.24 0.66 0.00	26.78 0.65 0.00	27.69 0.68 0.00	28.12 0.55 0.00	29.30 0.69 0.00	31.30 0.68 0.17	34.60 0.78 0.00	34.66 0.95 0.35	35.18 1.23 0.39	38.33 1.55 0.22	43.71 1.81 0.20	50.55 2.27 0.00	48.15 2.34 0.00	43.67 2.00 0.00	41.08 1.92 0.00	37.13 1.53 0.00	35.36 1.23 0.00	30.87 1.10 0.00
BEAVER RIVER___HYD 24048	25.89 0.08 0.00	24.05 0.05 0.00	21.84 0.02 0.00	21.15 0.02 0.00	20.91 0.02 0.00	21.90 0.11 0.00	24.82 0.25 0.00	26.33 0.21 0.00	27.04 0.03 0.00	27.62 0.06 0.00	28.56 -0.06 0.00	30.73 -0.06 0.00	33.68 -0.13 0.00	33.89 -0.17 0.00	33.82 -0.51 0.00	36.49 -0.59 -0.08	41.74 -0.68 -0.32	48.49 -0.19 -0.40	46.69 0.09 -0.78	42.18 0.00 -0.50	39.45 0.04 -0.25	34.10 -0.04 1.46	33.93 -0.20 0.00	29.59 -0.18 0.00
BEEBEE_GT_13 23619	25.58 -0.23 0.00	23.30 -0.70 0.00	21.23 -0.59 0.00	20.38 -0.74 0.00	20.26 -0.63 0.00	21.20 -0.59 0.00	23.96 -0.61 0.00	25.55 -0.57 0.00	26.61 -0.41 0.00	27.12 -0.44 0.00	28.24 -0.37 0.00	30.42 -0.37 0.00	33.24 -0.57 0.00	33.82 -0.24 0.00	34.13 -0.21 0.00	36.67 -0.33 0.00	41.47 -0.63 0.00	47.07 -1.21 0.00	44.53 -1.28 0.00	40.80 -0.88 0.00	38.69 -0.47 0.00	35.56 -0.04 0.00	34.06 -0.07 0.00	29.62 -0.15 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.69 1.88 0.00	25.73 1.73 0.00	23.35 1.53 0.00	22.62 1.50 0.00	22.33 1.44 0.00	23.25 1.46 0.00	26.20 1.62 0.00	28.19 2.06 0.00	29.23 2.22 0.00	30.02 2.45 0.00	37.13 2.95 -5.57	41.61 3.23 -7.59	50.63 3.69 -13.13	53.54 3.88 -15.59	47.55 4.29 -8.93	107.58 5.03 -65.55	80.38 5.73 -32.56	77.08 6.18 -22.62	80.38 5.54 -29.03	76.81 5.00 -30.14	91.56 4.86 -47.54	52.72 3.84 -13.27	51.07 3.38 -13.56	32.46 2.68 -0.02
BETHLEHEM___GRP 23843	26.20 0.39 0.00	24.48 0.48 0.00	22.24 0.41 0.00	21.50 0.38 0.00	21.20 0.31 0.00	22.16 0.37 0.00	24.90 0.32 0.00	26.44 0.31 0.00	27.31 0.30 0.00	27.79 0.22 0.00	28.93 0.31 0.00	30.91 0.28 0.16	34.09 0.27 0.00	34.17 0.44 0.33	34.59 0.62 0.36	37.64 0.85 0.21	42.93 1.01 0.18	49.54 1.26 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.22 1.06 0.00	36.35 0.75 0.00	34.64 0.51 0.00	30.33 0.57 0.00
BETHLEHEM___GS1 323560	26.20 0.39 0.00	24.48 0.48 0.00	22.24 0.41 0.00	21.48 0.36 0.00	21.20 0.31 0.00	22.16 0.37 0.00	24.87 0.30 0.00	26.41 0.29 0.00	27.31 0.30 0.00	27.76 0.19 0.00	28.93 0.32 0.00	30.91 0.28 0.16	34.09 0.27 0.00	34.17 0.44 0.33	34.59 0.62 0.36	37.64 0.85 0.21	42.92 1.01 0.18	49.53 1.25 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.22 1.06 0.00	36.35 0.75 0.00	34.68 0.54 0.00	30.33 0.56 0.00
BETHLEHEM___GS2 323561	26.20 0.39 0.00	24.48 0.48 0.00	22.24 0.41 0.00	21.48 0.36 0.00	21.20 0.31 0.00	22.16 0.37 0.00	24.87 0.30 0.00	26.41 0.29 0.00	27.31 0.30 0.00	27.76 0.19 0.00	28.93 0.32 0.00	30.91 0.28 0.16	34.09 0.27 0.00	34.17 0.44 0.33	34.59 0.62 0.36	37.64 0.85 0.21	42.92 1.01 0.18	49.53 1.25 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.22 1.06 0.00	36.35 0.75 0.00	34.68 0.54 0.00	30.33 0.56 0.00
BETHLEHEM___GS3 323562	26.20 0.39 0.00	24.48 0.48 0.00	22.24 0.41 0.00	21.48 0.36 0.00	21.20 0.31 0.00	22.16 0.37 0.00	24.87 0.30 0.00	26.41 0.29 0.00	27.31 0.30 0.00	27.76 0.19 0.00	28.93 0.32 0.00	30.91 0.28 0.16	34.09 0.27 0.00	34.17 0.44 0.33	34.59 0.62 0.36	37.64 0.85 0.21	42.92 1.01 0.18	49.53 1.25 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.22 1.06 0.00	36.35 0.75 0.00	34.68 0.54 0.00	30.33 0.56 0.00
BETHLEHEM___STEEL 23779	25.65 -0.15 0.00	23.11 -0.89 0.00	21.08 -0.74 0.00	20.19 -0.93 0.00	20.09 -0.79 0.00	21.07 -0.72 0.00	23.74 -0.84 0.00	25.29 -0.84 0.00	26.45 -0.57 0.00	27.04 -0.52 0.00	28.30 -0.31 0.00	30.36 -0.43 0.00	33.04 -0.78 0.00	33.82 -0.24 0.00	34.09 -0.24 0.00	36.37 -0.63 0.00	41.01 -1.09 0.00	46.26 -2.03 -0.01	43.66 -2.15 -0.01	40.09 -1.58 0.00	38.18 -0.98 0.00	35.35 -0.25 0.00	33.99 -0.14 0.00	29.74 -0.03 0.00
BETHLHEM_115KV_TB1 79974	26.25 0.44 0.00	24.50 0.50 0.00	22.28 0.46 0.00	21.53 0.40 0.00	21.24 0.36 0.00	22.18 0.39 0.00	24.95 0.37 0.00	26.49 0.37 0.00	27.37 0.35 0.00	27.87 0.30 0.00	28.98 0.37 0.00	31.01 0.37 0.15	34.19 0.37 0.00	34.26 0.51 0.31	34.71 0.72 0.34	37.76 0.96 0.20	43.02 1.09 0.17	49.68 1.40 0.00	47.23 1.42 0.00	42.88 1.21 0.00	40.34 1.17 0.00	36.45 0.85 0.00	34.71 0.58 0.00	30.39 0.63 0.00
BETHPAGE_CC_5 323564	33.91 1.94 -6.16	25.80 1.80 0.00	23.41 1.59 0.00	22.54 1.42 0.00	22.29 1.40 0.00	23.45 1.66 0.00	26.22 1.65 0.00	28.21 2.09 0.00	34.48 2.27 -5.19	34.50 2.37 -4.57	40.66 2.75 -9.30	42.26 3.05 -8.42	43.70 3.45 -6.43	54.27 3.61 -16.60	74.47 4.02 -36.12	93.40 4.66 -51.74	100.93 5.39 -53.44	96.85 6.03 -42.53	77.92 5.45 -26.65	104.42 4.71 -58.04	55.52 4.54 -11.82	55.53 3.59 -16.34	42.43 3.24 -5.05	41.71 2.65 -9.29
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	25.73 -0.08 0.00	23.16 -0.84 0.00	21.12 -0.70 0.00	20.24 -0.89 0.00	20.16 -0.73 0.00	21.14 -0.65 0.00	23.81 -0.76 0.00	25.36 -0.76 0.00	26.53 -0.49 0.00	27.12 -0.44 0.00	28.41 -0.20 0.00	30.45 -0.34 0.00	33.18 -0.64 0.00	33.99 -0.07 0.00	34.27 -0.07 0.00	36.55 -0.44 0.00	41.22 -0.88 0.00	46.50 -1.79 -0.01	43.89 -1.92 -0.01	40.30 -1.38 0.00	38.34 -0.82 0.00	35.46 -0.14 0.00	34.10 -0.03 0.00	29.83 0.06 0.00

BINGHAMTON___COGEN 23790	26.04 0.23 0.00	24.02 0.02 0.00	21.84 0.02 0.00	21.08 -0.04 0.00	20.89 0.00 0.00	21.84 0.04 0.00	24.65 0.07 0.00	26.25 0.13 0.00	27.29 0.27 0.00	27.87 0.30 0.00	28.96 0.34 0.00	31.19 0.40 0.00	34.19 0.37 0.00	34.67 0.61 0.00	35.09 0.76 0.00	37.91 0.85 -0.06	43.27 0.93 -0.25	49.61 1.01 -0.31	47.29 0.87 -0.61	42.90 0.83 -0.39	40.25 0.90 -0.19	36.42 0.82 0.00	34.81 0.68 0.00	30.24 0.48 0.00
BIXINCNT_115KV_LOAD 355685	25.81 0.00 0.00	23.18 -0.82 0.00	21.15 -0.68 0.00	20.32 -0.80 0.00	20.24 -0.65 0.00	21.23 -0.57 0.00	23.91 -0.66 0.00	25.55 -0.57 0.00	26.69 -0.32 0.00	27.34 -0.22 0.00	28.56 -0.06 0.00	30.61 -0.18 0.00	33.48 -0.34 0.00	34.16 0.10 0.00	34.44 0.10 0.00	36.70 -0.30 0.00	41.26 -0.84 0.00	46.64 -1.64 0.00	43.98 -1.83 0.00	40.38 -1.29 0.00	38.14 -1.02 0.00	35.24 -0.36 0.00	33.79 -0.34 0.00	29.47 -0.30 0.00
BLACK RIVER___HYD 24047	25.81 0.00 0.00	23.93 -0.07 0.00	21.76 -0.07 0.00	21.06 -0.06 0.00	20.82 -0.06 0.00	21.81 0.02 0.00	24.75 0.17 0.00	26.23 0.10 0.00	26.91 -0.11 0.00	27.45 -0.11 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.41 -0.40 0.00	33.72 -0.34 0.00	33.72 -0.62 0.00	36.51 -0.63 -0.14	41.87 -0.76 -0.53	48.52 -0.44 -0.67	47.13 0.00 -1.31	42.64 0.13 -0.84	39.77 0.20 -0.41	34.66 0.07 1.01	34.03 -0.10 0.00	29.59 -0.18 0.00
BLACKRVR_115KV_TB2 79977	25.81 0.00 0.00	23.93 -0.07 0.00	21.73 -0.09 0.00	21.08 -0.04 0.00	20.84 -0.04 0.00	21.81 0.02 0.00	24.72 0.15 0.00	26.20 0.08 0.00	26.88 -0.14 0.00	27.43 -0.14 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.41 -0.41 0.00	33.72 -0.34 0.00	33.72 -0.62 0.00	36.51 -0.63 -0.14	41.87 -0.76 -0.53	48.52 -0.43 -0.67	47.13 0.00 -1.31	42.64 0.13 -0.84	39.77 0.20 -0.41	34.66 0.07 1.01	34.03 -0.10 0.00	29.59 -0.18 0.00
BLISS_WT_PWR 323608	25.81 0.00 0.00	23.11 -0.89 0.00	21.14 -0.68 0.00	20.81 -0.32 0.00	20.68 -0.21 0.00	21.16 -0.63 0.00	24.04 -0.54 0.00	25.86 -0.26 0.00	26.69 -0.32 0.00	27.70 0.14 0.00	28.50 -0.11 0.00	30.64 -0.15 0.00	33.45 -0.37 0.00	34.09 0.03 0.00	34.33 0.00 0.00	36.59 -0.41 0.00	41.13 -0.97 0.00	46.45 -1.83 0.00	43.85 -1.97 0.00	40.38 -1.29 0.00	37.99 -1.17 0.00	35.07 -0.53 0.00	33.58 -0.55 0.00	29.29 -0.48 0.00
BLUESTONE___WT_PWR 323821	27.10 1.29 0.00	25.01 1.01 0.00	22.74 0.92 0.00	22.03 0.91 0.00	21.80 0.92 0.00	22.80 1.00 0.00	25.83 1.25 0.00	27.48 1.36 0.00	28.29 1.27 0.00	28.94 1.38 0.00	29.96 1.35 0.00	32.24 1.45 0.00	35.41 1.59 0.00	35.93 1.87 0.00	36.46 2.13 0.00	39.50 2.44 -0.06	45.13 2.82 -0.21	52.07 3.52 -0.27	49.86 3.53 -0.52	45.26 3.25 -0.33	42.42 3.09 -0.16	38.27 2.67 0.00	36.42 2.29 0.00	31.61 1.85 0.00
BLUE_CIRC_CHEM_DRP 24182	26.43 0.62 0.00	24.67 0.67 0.00	22.41 0.59 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.12 0.54 0.00	26.64 0.52 0.00	27.50 0.49 0.00	28.01 0.44 0.00	29.10 0.49 0.00	31.14 0.46 0.11	34.33 0.51 0.00	34.48 0.65 0.23	34.94 0.86 0.25	37.97 1.11 0.14	43.32 1.35 0.13	49.92 1.64 0.00	47.42 1.60 0.00	43.13 1.46 0.00	40.53 1.37 0.00	36.70 1.10 0.00	35.02 0.89 0.00	30.57 0.80 0.00
BOC_GAS_DRP 24189	26.30 0.49 0.00	24.53 0.53 0.00	22.30 0.48 0.00	21.57 0.44 0.00	21.28 0.40 0.00	22.25 0.46 0.00	25.02 0.44 0.00	26.62 0.50 0.00	27.50 0.49 0.00	28.01 0.44 0.00	29.16 0.54 0.00	31.21 0.52 0.10	34.43 0.61 0.00	34.60 0.75 0.21	35.03 0.93 0.24	38.05 1.18 0.14	43.37 1.39 0.12	49.92 1.64 0.00	47.37 1.56 0.00	43.05 1.38 0.00	40.49 1.33 0.00	36.60 1.00 0.00	34.92 0.79 0.00	30.48 0.71 0.00
BOONVILLE_115KV_TB1 79983	26.33 0.52 0.00	24.43 0.43 0.00	22.19 0.37 0.00	21.48 0.36 0.00	21.24 0.36 0.00	22.23 0.44 0.00	25.17 0.59 0.00	26.70 0.57 0.00	27.50 0.49 0.00	28.09 0.52 0.00	29.10 0.49 0.00	31.32 0.52 0.00	34.39 0.57 0.00	34.74 0.68 0.00	34.92 0.58 0.00	37.74 0.70 -0.04	43.10 0.84 -0.16	49.79 1.30 -0.20	47.63 1.42 -0.39	43.09 1.17 -0.25	40.42 1.14 -0.12	36.16 0.93 0.36	34.81 0.68 0.00	30.33 0.57 0.00
BORALEX_4TH_BRANCH 23824	26.97 1.16 0.00	25.22 1.22 0.00	22.93 1.11 0.00	22.16 1.04 0.00	21.87 0.98 0.00	22.90 1.11 0.00	25.71 1.13 0.00	27.22 1.10 0.00	28.12 1.11 0.00	28.53 0.96 0.00	29.67 1.06 0.00	31.45 1.08 0.42	35.07 1.25 0.00	34.59 1.40 0.86	35.03 1.65 0.95	38.49 2.03 0.54	43.98 2.36 0.48	51.13 2.85 0.00	48.84 3.02 0.00	44.42 2.75 0.00	41.71 2.55 0.00	37.63 2.03 0.00	35.80 1.67 0.00	31.31 1.55 0.00
BOWLINE___1 23526	27.05 1.24 0.00	25.18 1.18 0.00	22.89 1.07 0.00	22.08 0.95 0.00	21.83 0.94 0.00	22.86 1.07 0.00	25.71 1.13 0.00	27.51 1.38 0.00	28.53 1.51 0.00	29.14 1.57 0.00	30.56 1.95 0.00	33.13 2.15 -0.18	36.29 2.47 0.00	37.13 2.69 -0.38	37.81 3.05 -0.42	40.90 3.66 -0.24	46.52 4.21 -0.21	53.02 4.73 0.00	50.07 4.26 0.00	45.34 3.67 0.00	42.69 3.53 0.00	38.30 2.70 0.00	36.45 2.32 0.00	31.64 1.88 0.00
BOWLINE___2 23595	27.05 1.24 0.00	25.18 1.18 0.00	22.89 1.07 0.00	22.08 0.95 0.00	21.83 0.94 0.00	22.86 1.07 0.00	25.71 1.13 0.00	27.51 1.38 0.00	28.53 1.51 0.00	29.14 1.57 0.00	30.56 1.95 0.00	33.13 2.15 -0.18	36.29 2.47 0.00	37.13 2.69 -0.38	37.81 3.05 -0.42	40.90 3.66 -0.24	46.52 4.21 -0.21	53.02 4.73 0.00	50.07 4.26 0.00	45.34 3.67 0.00	42.69 3.53 0.00	38.30 2.70 0.00	36.45 2.32 0.00	31.64 1.88 0.00
BRADY___115KV_TB2 356060	25.47 -0.34 0.00	23.74 -0.26 0.00	21.56 -0.26 0.00	21.23 0.11 0.00	20.97 0.08 0.00	21.57 -0.22 0.00	24.43 -0.15 0.00	25.91 -0.21 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.27 -0.34 0.00	30.39 -0.40 0.00	33.31 -0.51 0.00	33.21 -0.85 0.00	33.06 -1.27 0.00	35.30 -1.70 0.00	40.29 -1.81 0.00	46.45 -1.83 0.00	43.98 -1.83 0.00	40.21 -1.46 0.00	37.70 -1.45 0.01	29.65 -1.14 4.81	33.24 -0.89 0.01	29.13 -0.63 0.01
BRANSCOMB___SOLAR 323811	26.94 1.13 0.00	25.10 1.10 0.00	22.78 0.96 0.00	22.01 0.89 0.00	21.76 0.88 0.00	22.77 0.98 0.00	25.58 1.01 0.00	27.04 0.91 0.00	27.99 0.97 0.00	28.42 0.86 0.00	29.50 0.89 0.00	31.56 0.99 0.22	35.00 1.18 0.00	34.88 1.26 0.44	35.36 1.51 0.49	38.49 1.78 0.28	43.91 2.06 0.25	50.98 2.70 0.00	48.79 2.98 0.00	44.42 2.75 0.00	41.90 2.74 0.00	37.81 2.21 0.00	35.97 1.84 0.00	31.31 1.55 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.22 2.25 -6.16	26.06 2.06 0.00	23.70 1.88 0.00	22.79 1.67 0.00	22.54 1.65 0.00	23.73 1.94 0.00	26.52 1.94 0.00	28.58 2.46 0.00	34.80 2.59 -5.19	34.86 2.73 -4.57	40.97 3.06 -9.30	42.51 3.29 -8.42	43.97 3.72 -6.43	105.51 4.02 -67.43	74.50 4.05 -36.12	93.51 4.77 -51.74	108.43 5.52 -60.82	117.83 6.18 -63.37	90.78 5.63 -39.33	110.04 4.88 -63.49	55.91 4.93 -11.82	55.89 3.95 -16.34	42.76 3.58 -5.05	42.07 3.01 -9.29

BRISTLHL_115KV_TB1 79998	25.58 -0.23 0.00	23.71 -0.29 0.00	21.56 -0.26 0.00	20.81 -0.32 0.00	20.61 -0.27 0.00	21.53 -0.26 0.00	24.33 -0.25 0.00	25.81 -0.31 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.16 -0.46 0.00	30.33 -0.46 0.00	33.28 -0.54 0.00	33.68 -0.37 0.00	34.03 -0.31 0.00	37.01 -0.30 -0.30	42.87 -0.38 -1.15	49.26 -0.48 -1.47	48.21 -0.46 -2.86	43.17 -0.33 -1.83	39.79 -0.27 -0.90	35.39 -0.21 0.00	33.86 -0.27 0.00	29.41 -0.36 0.00
BROOKHAVEN___DRP 24191	34.04 2.06 -6.16	25.90 1.90 0.00	23.59 1.77 0.00	22.64 1.52 0.00	22.39 1.50 0.00	23.64 1.85 0.00	26.35 1.77 0.00	28.42 2.30 0.00	34.61 2.40 -5.19	34.67 2.54 -4.57	40.80 2.89 -9.30	42.45 3.23 -8.42	43.91 3.65 -6.43	66.78 3.92 -28.80	74.78 4.33 -36.12	93.78 5.03 -51.75	138.96 5.81 -91.05	203.61 6.57 -148.76	143.10 6.00 -91.28	132.77 5.25 -85.84	56.00 5.01 -11.83	55.96 4.02 -16.34	42.70 3.52 -5.05	41.98 2.92 -9.29
BROOKLYN_NAVY_YARD 23515	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.06 1.17 0.00	23.12 1.33 0.00	26.00 1.42 0.00	27.92 1.80 0.00	28.99 1.97 0.00	29.63 2.07 0.00	31.16 2.55 0.00	38.75 2.83 -5.13	36.98 3.15 -0.02	39.76 3.44 -2.26	44.26 3.81 -6.11	47.09 4.47 -5.62	47.38 5.05 -0.23	53.78 5.50 0.00	50.76 4.95 0.00	45.97 4.29 0.00	43.39 4.23 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
BROOKLYN___ARMY_DRP 323595	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
BROOKVLE_69_KV_TB1 55790	34.04 2.06 -6.16	25.90 1.90 0.00	23.52 1.70 0.00	22.69 1.56 0.00	22.41 1.52 0.00	23.54 1.74 0.00	26.37 1.79 0.00	28.40 2.27 0.00	34.64 2.43 -5.19	34.72 2.59 -4.57	40.95 3.03 -9.30	42.63 3.42 -8.42	44.14 3.89 -6.43	50.21 4.05 -12.10	74.91 4.46 -36.12	93.88 5.14 -51.74	100.70 5.89 -52.70	95.30 6.57 -40.45	77.16 5.96 -25.39	104.38 5.21 -57.49	55.91 4.93 -11.82	55.89 3.95 -16.34	42.76 3.58 -5.05	42.01 2.95 -9.29
BROOME_2_LFGE 323671	26.07 0.26 0.00	24.02 0.02 0.00	21.84 0.02 0.00	21.21 0.08 0.00	21.01 0.13 0.00	21.84 0.04 0.00	24.70 0.12 0.00	26.33 0.21 0.00	27.29 0.27 0.00	27.95 0.39 0.00	28.96 0.34 0.00	31.19 0.40 0.00	34.19 0.37 0.00	34.67 0.61 0.00	35.09 0.75 0.00	37.91 0.85 -0.06	43.27 0.93 -0.25	49.61 1.02 -0.31	47.29 0.87 -0.61	42.94 0.88 -0.39	40.25 0.90 -0.19	36.42 0.82 0.00	34.81 0.68 0.00	30.24 0.47 0.00
BROOME___LFGE 323600	26.07 0.26 0.00	24.02 0.02 0.00	21.84 0.02 0.00	21.21 0.08 0.00	21.01 0.13 0.00	21.84 0.04 0.00	24.70 0.12 0.00	26.33 0.21 0.00	27.29 0.27 0.00	27.95 0.39 0.00	28.96 0.34 0.00	31.19 0.40 0.00	34.19 0.37 0.00	34.67 0.61 0.00	35.09 0.75 0.00	37.91 0.85 -0.06	43.27 0.93 -0.25	49.61 1.02 -0.31	47.29 0.87 -0.61	42.94 0.88 -0.39	40.25 0.90 -0.19	36.42 0.82 0.00	34.81 0.68 0.00	30.24 0.47 0.00
BROWNFLS_115KV_TB_3_5 80003	25.55 -0.26 0.00	23.76 -0.24 0.00	21.58 -0.24 0.00	21.10 -0.02 0.00	20.87 -0.02 0.00	21.62 -0.17 0.00	24.50 -0.07 0.00	25.99 -0.13 0.00	26.75 -0.27 0.00	27.32 -0.25 0.00	28.30 -0.31 0.00	30.42 -0.37 0.00	33.31 -0.51 0.00	33.34 -0.72 0.00	33.17 -1.17 0.00	35.61 -1.44 -0.06	40.76 -1.56 -0.22	47.21 -1.35 -0.28	45.16 -1.19 -0.54	40.93 -1.08 -0.35	38.35 -0.98 -0.17	31.95 -0.85 2.79	33.34 -0.79 0.00	29.17 -0.60 0.00
BROWNSV1_27_KV_LOAD 356125	27.62 1.81 0.00	25.68 1.68 0.00	23.35 1.53 0.00	22.58 1.46 0.00	22.31 1.42 0.00	23.32 1.53 0.00	26.27 1.70 0.00	28.24 2.12 0.00	29.26 2.24 0.00	29.99 2.43 0.00	31.45 2.83 0.00	39.03 3.11 -5.13	37.35 3.52 -0.02	40.07 3.75 -2.26	44.60 4.15 -6.11	47.46 4.85 -5.62	47.84 5.52 -0.23	54.32 6.04 0.00	51.26 5.45 0.00	46.51 4.83 0.00	43.82 4.66 0.00	39.23 3.63 0.00	37.37 3.24 0.00	32.39 2.62 0.00
BURROWS___LYONSDAL 23803	26.25 0.44 0.00	24.36 0.36 0.00	22.13 0.31 0.00	21.44 0.32 0.00	21.20 0.31 0.00	22.16 0.37 0.00	25.09 0.52 0.00	26.62 0.50 0.00	27.42 0.41 0.00	28.01 0.44 0.00	28.98 0.37 0.00	31.19 0.40 0.00	34.26 0.44 0.00	34.57 0.51 0.00	34.68 0.34 0.00	37.46 0.41 -0.05	42.79 0.51 -0.19	49.54 1.01 -0.24	47.47 1.19 -0.47	42.89 0.92 -0.30	40.21 0.90 -0.15	35.73 0.71 0.58	34.61 0.48 0.00	30.15 0.39 0.00
CAITHNESS_CC_1 323624	34.04 2.07 -6.16	25.92 1.92 0.00	23.57 1.75 0.00	22.60 1.48 0.00	22.37 1.48 0.00	23.62 1.83 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.61 2.48 -4.57	40.80 2.89 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	66.69 3.85 -28.79	74.67 4.22 -36.12	93.70 4.96 -51.75	138.61 5.68 -90.83	202.83 6.42 -148.13	142.58 5.87 -90.90	132.43 5.08 -85.68	55.88 4.89 -11.83	55.85 3.92 -16.34	42.66 3.48 -5.05	41.95 2.89 -9.29
CALPINE BETH_PAGE_GT4 24209	33.96 1.99 -6.16	25.82 1.82 0.00	23.46 1.64 0.00	22.62 1.50 0.00	22.35 1.46 0.00	23.47 1.68 0.00	26.27 1.70 0.00	28.32 2.19 0.00	34.53 2.32 -5.19	34.61 2.48 -4.57	40.72 2.80 -9.30	42.33 3.11 -8.42	43.77 3.52 -6.43	53.11 3.61 -15.44	74.47 4.02 -36.12	93.40 4.66 -51.74	100.76 5.39 -53.27	96.37 6.04 -42.05	77.62 5.45 -26.36	104.34 4.75 -57.91	55.52 4.54 -11.82	55.53 3.60 -16.34	42.46 3.28 -5.05	41.74 2.68 -9.29
CALPINE_BETH_PAGE_GT_4 323586	33.96 1.99 -6.16	25.82 1.82 0.00	23.44 1.61 0.00	22.56 1.44 0.00	22.31 1.42 0.00	23.47 1.68 0.00	26.25 1.67 0.00	28.24 2.11 0.00	34.53 2.32 -5.19	34.53 2.40 -4.57	40.72 2.81 -9.30	42.32 3.11 -8.42	43.77 3.52 -6.43	53.11 3.61 -15.44	74.47 4.02 -36.12	93.40 4.66 -51.74	100.76 5.39 -53.27	96.37 6.03 -42.05	77.62 5.45 -26.36	104.29 4.71 -57.91	55.52 4.54 -11.82	55.57 3.63 -16.34	42.49 3.31 -5.05	41.74 2.68 -9.29
CALPINE_BP_GT1 23823	33.96 1.99 -6.16	25.82 1.82 0.00	23.44 1.61 0.00	22.56 1.44 0.00	22.31 1.42 0.00	23.47 1.68 0.00	26.25 1.67 0.00	28.24 2.11 0.00	34.53 2.32 -5.19	34.53 2.40 -4.57	40.72 2.81 -9.30	42.32 3.11 -8.42	43.77 3.52 -6.43	53.11 3.61 -15.44	74.47 4.02 -36.12	93.40 4.66 -51.74	100.76 5.39 -53.27	96.37 6.03 -42.05	77.62 5.45 -26.36	104.29 4.71 -57.91	55.52 4.54 -11.82	55.57 3.63 -16.34	42.49 3.31 -5.05	41.74 2.68 -9.29
CALSPAN___DRP 24200	25.65 -0.15 0.00	23.11 -0.89 0.00	21.08 -0.74 0.00	20.19 -0.93 0.00	20.09 -0.79 0.00	21.07 -0.72 0.00	23.74 -0.84 0.00	25.29 -0.84 0.00	26.45 -0.57 0.00	27.04 -0.52 0.00	28.30 -0.31 0.00	30.36 -0.43 0.00	33.04 -0.78 0.00	33.82 -0.24 0.00	34.09 -0.24 0.00	36.37 -0.63 0.00	41.01 -1.09 0.00	46.26 -2.03 -0.01	43.66 -2.15 -0.01	40.09 -1.58 0.00	38.18 -0.98 0.00	35.35 -0.25 0.00	33.99 -0.14 0.00	29.74 -0.03 0.00

CALVERTON___SOLAR 323806	34.06 2.09 -6.16	25.92 1.92 0.00	23.59 1.77 0.00	22.60 1.48 0.00	22.37 1.48 0.00	23.67 1.87 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.67 2.46 -5.19	34.64 2.51 -4.57	40.89 2.98 -9.30	42.54 3.33 -8.42	44.01 3.75 -6.43	66.91 4.05 -28.80	74.91 4.46 -36.12	93.96 5.22 -51.75	139.27 6.02 -91.15	204.17 6.85 -149.03	143.54 6.28 -91.45	133.00 5.42 -85.92	56.16 5.17 -11.83	56.10 4.16 -16.34	42.83 3.65 -5.05	42.06 3.01 -9.29
CANDIGU_WT_PWR 323617	25.76 -0.05 0.00	23.47 -0.53 0.00	21.39 -0.44 0.00	20.89 -0.23 0.00	20.72 -0.17 0.00	21.38 -0.41 0.00	24.26 -0.32 0.00	25.99 -0.13 0.00	26.93 -0.08 0.00	27.73 0.17 0.00	28.64 0.03 0.00	30.82 0.03 0.00	33.58 -0.24 0.00	34.20 0.14 0.00	34.51 0.17 0.00	37.07 0.04 -0.04	42.11 -0.13 -0.14	48.02 -0.44 -0.17	45.55 -0.60 -0.34	41.68 -0.21 -0.21	39.19 -0.08 -0.11	35.78 0.18 0.00	34.17 0.03 0.00	29.68 -0.09 0.00
CARR STREET_E_SYR 24060	25.68 -0.13 0.00	23.78 -0.22 0.00	21.62 -0.20 0.00	20.98 -0.15 0.00	20.76 -0.12 0.00	21.60 -0.20 0.00	24.43 -0.15 0.00	25.97 -0.16 0.00	26.85 -0.16 0.00	27.45 -0.11 0.00	28.35 -0.26 0.00	30.54 -0.25 0.00	33.51 -0.30 0.00	33.92 -0.14 0.00	34.27 -0.07 0.00	37.09 0.00 -0.09	42.29 -0.17 -0.35	48.44 -0.29 -0.45	46.37 -0.32 -0.88	42.03 -0.21 -0.56	39.28 -0.16 -0.28	35.60 0.00 0.00	34.03 -0.10 0.00	29.56 -0.21 0.00
CARTHAGE___PAPER 23857	25.83 0.03 0.00	23.98 -0.02 0.00	21.78 -0.04 0.00	21.08 -0.04 0.00	20.87 -0.02 0.00	21.84 0.04 0.00	24.77 0.20 0.00	26.28 0.16 0.00	26.96 -0.05 0.00	27.51 -0.06 0.00	28.44 -0.17 0.00	30.58 -0.21 0.00	33.55 -0.27 0.00	33.75 -0.31 0.00	33.68 -0.65 0.00	36.38 -0.74 -0.12	41.71 -0.84 -0.45	48.41 -0.44 -0.57	46.87 -0.05 -1.11	42.38 0.00 -0.71	39.55 0.04 -0.35	34.38 -0.04 1.19	33.89 -0.24 0.00	29.53 -0.24 0.00
CASSADAGA_WT_PWR 323784	26.17 0.36 0.00	23.57 -0.43 0.00	21.56 -0.26 0.00	21.19 0.06 0.00	20.99 0.10 0.00	21.51 -0.28 0.00	24.38 -0.20 0.00	26.15 0.03 0.00	27.02 0.00 0.00	27.95 0.39 0.00	28.96 0.34 0.00	31.19 0.40 0.00	33.72 -0.10 0.00	34.43 0.38 0.00	34.64 0.31 0.00	36.89 -0.11 0.00	41.21 -0.89 0.00	46.50 -1.79 0.00	43.89 -1.92 0.00	40.42 -1.25 0.00	38.18 -0.98 0.00	35.24 -0.36 0.00	33.89 -0.24 0.00	29.56 -0.21 0.00
CE_DUNWOOD___DRP 24194	27.23 1.42 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.29 1.16 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.90 1.33 0.00	27.77 1.65 0.00	28.74 1.73 0.00	29.41 1.85 0.00	30.79 2.17 0.00	33.42 2.43 -0.20	36.59 2.77 0.00	37.46 3.00 -0.41	38.15 3.36 -0.45	41.25 4.00 -0.26	46.87 4.55 -0.23	53.35 5.07 0.00	50.39 4.58 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.55 2.95 0.00	36.69 2.56 0.00	31.82 2.05 0.00
CE_MILLWOOD___DRP 24193	27.15 1.34 0.00	25.30 1.30 0.00	23.00 1.18 0.00	22.24 1.12 0.00	21.95 1.07 0.00	22.97 1.18 0.00	25.83 1.25 0.00	27.72 1.59 0.00	28.66 1.65 0.00	29.33 1.76 0.00	30.70 2.09 0.00	33.30 2.31 -0.20	36.46 2.64 0.00	37.32 2.86 -0.40	38.01 3.23 -0.44	41.10 3.85 -0.26	46.75 4.42 -0.23	53.21 4.92 0.00	50.30 4.49 0.00	45.55 3.88 0.00	42.88 3.72 0.00	38.45 2.85 0.00	36.59 2.46 0.00	31.76 1.99 0.00
CE_NYC2_DRP 24202	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.18 1.29 0.00	23.12 1.33 0.00	26.08 1.50 0.00	28.03 1.91 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.03 2.63 -0.78	38.94 2.86 -5.28	38.97 3.28 -1.87	41.61 3.47 -4.08	44.50 3.88 -6.29	47.30 4.51 -5.78	47.46 5.14 -0.23	53.79 5.50 0.00	50.67 4.86 0.00	46.05 4.38 0.00	43.43 4.27 0.00	38.95 3.35 0.00	37.10 2.97 0.00	32.12 2.35 0.00
CE_NYC_DRP 24195	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.43 1.31 0.00	22.14 1.25 0.00	23.17 1.37 0.00	26.08 1.50 0.00	28.03 1.91 0.00	29.01 2.00 0.00	29.74 2.18 0.00	31.16 2.55 0.00	38.72 2.83 -5.10	37.05 3.21 -0.02	39.75 3.44 -2.25	44.22 3.81 -6.07	47.06 4.48 -5.58	47.42 5.09 -0.23	53.83 5.55 0.00	50.76 4.95 0.00	46.05 4.38 0.00	43.39 4.23 0.00	38.87 3.28 0.00	37.03 2.90 0.00	32.09 2.32 0.00
CHAFFEE___LFGE 323603	25.76 -0.05 0.00	23.14 -0.86 0.00	21.17 -0.65 0.00	20.87 -0.25 0.00	20.68 -0.21 0.00	21.09 -0.70 0.00	23.96 -0.61 0.00	25.76 -0.37 0.00	26.58 -0.43 0.00	27.51 -0.06 0.00	28.38 -0.23 0.00	30.54 -0.25 0.00	33.17 -0.64 0.00	33.99 -0.07 0.00	34.30 -0.03 0.00	36.56 -0.44 0.00	41.26 -0.84 0.00	46.55 -1.74 0.00	43.94 -1.88 0.00	40.55 -1.12 0.00	38.42 -0.75 0.00	35.53 -0.07 0.00	34.13 0.00 0.00	29.86 0.09 0.00
CHATEAUG_35_KV_LOAD 355732	25.58 -0.23 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	21.10 -0.02 0.00	20.89 0.00 0.00	21.64 -0.15 0.00	24.53 -0.05 0.00	26.10 -0.03 0.00	26.96 -0.05 0.00	27.59 0.03 0.00	28.70 0.09 0.00	30.82 0.03 0.00	33.68 -0.14 0.00	33.58 -0.48 0.00	33.37 -0.96 0.00	35.67 -1.33 0.00	40.75 -1.35 0.00	46.88 -1.40 0.00	44.30 -1.51 0.00	40.51 -1.17 0.00	37.74 -1.41 0.01	29.07 -1.39 5.14	32.76 -1.37 0.01	28.57 -1.19 0.01
CHATEAUG_WT_PWR 323614	25.91 0.10 0.00	24.05 0.05 0.00	21.89 0.07 0.00	21.15 0.02 0.00	20.97 0.08 0.00	21.88 0.09 0.00	24.82 0.25 0.00	26.49 0.37 0.00	27.26 0.24 0.00	27.98 0.41 0.00	29.16 0.54 0.00	31.32 0.52 0.00	34.16 0.34 0.00	34.09 0.03 0.00	33.82 -0.51 0.00	36.18 -0.81 0.00	41.42 -0.68 0.00	47.56 -0.72 0.00	44.80 -1.01 0.00	41.00 -0.67 0.00	37.98 -1.17 0.01	28.95 -1.43 5.22	32.49 -1.64 0.01	28.39 -1.37 0.01
CHAT_HIGH_FALL_HYD 323578	25.58 -0.23 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	21.10 -0.02 0.00	20.89 0.00 0.00	21.64 -0.15 0.00	24.53 -0.05 0.00	26.10 -0.03 0.00	26.96 -0.05 0.00	27.59 0.03 0.00	28.70 0.09 0.00	30.82 0.03 0.00	33.68 -0.14 0.00	33.58 -0.48 0.00	33.37 -0.96 0.00	35.67 -1.33 0.00	40.75 -1.35 0.00	46.88 -1.40 0.00	44.30 -1.51 0.00	40.51 -1.17 0.00	37.74 -1.41 0.01	29.07 -1.39 5.14	32.76 -1.37 0.01	28.57 -1.19 0.01
CHAUTAUQUA___LFGE 323629	26.04 0.23 0.00	23.42 -0.58 0.00	21.41 -0.42 0.00	21.06 -0.06 0.00	20.87 -0.02 0.00	21.36 -0.44 0.00	24.21 -0.37 0.00	26.02 -0.10 0.00	26.85 -0.16 0.00	27.81 0.25 0.00	28.79 0.17 0.00	31.01 0.22 0.00	33.62 -0.20 0.00	34.40 0.34 0.00	34.68 0.34 0.00	36.89 -0.11 0.00	41.42 -0.68 0.00	46.79 -1.50 0.00	44.12 -1.69 0.00	40.67 -1.00 0.00	38.49 -0.67 0.00	35.56 -0.04 0.00	34.17 0.03 0.00	29.86 0.09 0.00
CHERRYST_13_KV_LD 356241	27.49 1.68 0.00	25.56 1.56 0.00	23.24 1.42 0.00	22.50 1.37 0.00	22.22 1.34 0.00	23.23 1.44 0.00	26.17 1.60 0.00	28.13 2.01 0.00	29.15 2.13 0.00	29.88 2.32 0.00	31.33 2.72 0.00	38.88 2.99 -5.10	37.22 3.38 -0.02	39.92 3.61 -2.25	44.43 4.02 -6.07	47.28 4.70 -5.58	47.68 5.35 -0.23	54.08 5.79 0.00	50.99 5.18 0.00	46.22 4.54 0.00	43.55 4.39 0.00	39.02 3.42 0.00	37.17 3.04 0.00	32.21 2.44 0.00

CHESTROR_138KV_BK263 355645	26.89 1.08 0.00	25.01 1.01 0.00	22.76 0.94 0.00	22.01 0.89 0.00	21.72 0.84 0.00	22.71 0.92 0.00	25.56 0.98 0.00	27.35 1.23 0.00	28.28 1.27 0.00	28.92 1.35 0.00	30.22 1.60 0.00	32.74 1.79 -0.16	35.88 2.06 0.00	36.68 2.28 -0.34	37.31 2.61 -0.37	40.36 3.14 -0.21	45.95 3.66 -0.19	52.43 4.15 0.00	49.57 3.76 0.00	44.92 3.25 0.00	42.25 3.09 0.00	37.98 2.39 0.00	36.15 2.01 0.00	31.37 1.61 0.00
CH_MIDHUDSON___DRP 24192	27.07 1.26 0.00	25.22 1.22 0.00	22.96 1.13 0.00	22.20 1.08 0.00	21.91 1.02 0.00	22.93 1.13 0.00	25.78 1.20 0.00	27.56 1.44 0.00	28.47 1.46 0.00	29.08 1.52 0.00	30.39 1.77 0.00	32.90 1.97 -0.14	36.12 2.30 0.00	36.90 2.55 -0.29	37.60 2.95 -0.31	40.69 3.51 -0.18	46.34 4.08 -0.16	52.87 4.59 0.00	50.03 4.21 0.00	45.34 3.67 0.00	42.65 3.49 0.00	38.27 2.67 0.00	36.42 2.29 0.00	31.61 1.85 0.00
CH_MISC_IPPS 23765	27.23 1.42 0.00	25.32 1.32 0.00	23.04 1.22 0.00	22.24 1.12 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.85 1.28 0.00	27.61 1.49 0.00	28.61 1.59 0.00	29.19 1.63 0.00	30.53 1.92 0.00	33.10 2.15 -0.15	36.36 2.54 0.00	37.20 2.83 -0.31	37.94 3.26 -0.35	41.04 3.85 -0.20	46.78 4.51 -0.18	53.40 5.12 0.00	50.49 4.68 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.59 2.99 0.00	36.72 2.59 0.00	31.82 2.05 0.00
CH_RES_BVR_FALLS 23983	25.27 -0.54 0.00	23.54 -0.46 0.00	21.41 -0.42 0.00	20.74 -0.38 0.00	20.53 -0.36 0.00	21.44 -0.35 0.00	24.21 -0.37 0.00	25.76 -0.37 0.00	26.66 -0.35 0.00	27.24 -0.33 0.00	28.24 -0.37 0.00	30.36 -0.43 0.00	33.28 -0.54 0.00	33.31 -0.75 0.00	33.37 -0.96 0.00	35.81 -1.19 0.00	40.79 -1.31 0.00	46.83 -1.45 0.00	44.44 -1.37 0.00	40.42 -1.25 0.00	37.78 -1.37 0.01	26.15 -1.25 8.20	32.96 -1.16 0.01	28.77 -0.98 0.01
CH_RES_NIAGARA 23895	24.67 -1.14 0.00	22.20 -1.80 0.00	20.27 -1.55 0.00	19.39 -1.73 0.00	19.32 -1.57 0.00	20.27 -1.53 0.00	22.95 -1.62 0.00	24.24 -1.88 0.00	25.39 -1.62 0.00	25.91 -1.65 0.00	27.10 -1.52 0.00	29.04 -1.76 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.81 -4.44 0.03	41.34 -4.44 0.03	38.05 -3.63 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
CH_RES_SYRACUSE 23985	25.81 0.00 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	21.08 -0.04 0.00	20.87 -0.02 0.00	21.71 -0.09 0.00	24.55 -0.02 0.00	26.10 -0.03 0.00	26.99 -0.03 0.00	27.56 0.00 0.00	28.47 -0.14 0.00	30.67 -0.12 0.00	33.68 -0.13 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.35 0.19 -0.17	42.91 0.17 -0.64	49.24 0.15 -0.81	47.49 0.09 -1.59	42.86 0.17 -1.02	39.86 0.20 -0.50	35.81 0.21 0.00	34.27 0.14 0.00	29.74 -0.03 0.00
CLINTON_WT_PWR 323605	25.91 0.10 0.00	24.05 0.05 0.00	21.89 0.07 0.00	21.15 0.02 0.00	20.97 0.08 0.00	21.88 0.09 0.00	24.82 0.25 0.00	26.49 0.37 0.00	27.26 0.24 0.00	27.98 0.41 0.00	29.16 0.54 0.00	31.32 0.52 0.00	34.16 0.34 0.00	34.09 0.03 0.00	33.82 -0.51 0.00	36.18 -0.81 0.00	41.42 -0.68 0.00	47.56 -0.72 0.00	44.80 -1.01 0.00	41.00 -0.67 0.00	37.98 -1.17 0.01	28.95 -1.43 5.22	32.49 -1.64 0.01	28.39 -1.37 0.01
CLINTON___LFGE 323618	25.99 0.18 0.00	24.14 0.14 0.00	21.98 0.15 0.00	21.25 0.13 0.00	21.05 0.17 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.06 0.50 0.00	29.21 0.60 0.00	31.38 0.58 0.00	34.26 0.44 0.00	34.26 0.21 0.00	34.02 -0.31 0.00	36.41 -0.59 0.00	41.68 -0.42 0.00	47.95 -0.34 0.00	45.17 -0.64 0.00	41.38 -0.29 0.00	38.45 -0.70 0.01	29.43 -0.96 5.21	33.00 -1.13 0.01	28.78 -0.98 0.01
COBBLENY_34_KV_TB1 80064	25.71 -0.10 0.00	23.14 -0.86 0.00	21.10 -0.72 0.00	20.24 -0.89 0.00	20.13 -0.75 0.00	21.12 -0.68 0.00	23.79 -0.79 0.00	25.36 -0.76 0.00	26.53 -0.49 0.00	27.10 -0.47 0.00	28.38 -0.23 0.00	30.48 -0.31 0.00	33.18 -0.64 0.00	33.99 -0.07 0.00	34.30 -0.03 0.00	36.59 -0.41 0.00	41.26 -0.84 0.00	46.60 -1.69 0.00	43.94 -1.88 0.00	40.34 -1.33 0.00	38.42 -0.74 0.00	35.53 -0.07 0.00	34.13 0.00 0.00	29.86 0.09 0.00
COFFEEN___115KV_TB3 355620	25.91 0.10 0.00	24.02 0.02 0.00	21.82 0.00 0.00	21.15 0.02 0.00	20.91 0.02 0.00	21.90 0.11 0.00	24.85 0.27 0.00	26.28 0.16 0.00	26.96 -0.05 0.00	27.51 -0.06 0.00	28.38 -0.23 0.00	30.51 -0.28 0.00	33.48 -0.34 0.00	33.79 -0.27 0.00	33.78 -0.55 0.00	36.62 -0.52 -0.14	42.01 -0.63 -0.54	48.73 -0.24 -0.69	47.39 0.23 -1.35	42.95 0.42 -0.86	40.09 0.51 -0.42	34.94 0.32 0.98	34.23 0.10 0.00	29.77 0.00 0.00
COLDSPRG_115KV_BK1 355956	26.27 0.46 0.00	23.69 -0.31 0.00	21.60 -0.22 0.00	20.74 -0.38 0.00	20.64 -0.25 0.00	21.64 -0.15 0.00	24.45 -0.12 0.00	26.28 0.16 0.00	27.42 0.41 0.00	28.03 0.47 0.00	29.44 0.83 0.00	31.62 0.83 0.00	34.39 0.57 0.00	35.22 1.16 0.00	35.43 1.10 0.00	37.78 0.78 0.00	42.31 0.21 0.00	47.80 -0.48 0.00	45.08 -0.73 0.00	41.38 -0.29 0.00	39.24 0.08 0.00	36.17 0.57 0.00	34.75 0.61 0.00	30.30 0.54 0.00
COLONIE_LFGE___ 323577	26.71 0.90 0.00	24.91 0.91 0.00	22.63 0.81 0.00	21.86 0.74 0.00	21.60 0.71 0.00	22.62 0.83 0.00	25.39 0.81 0.00	26.91 0.78 0.00	27.85 0.84 0.00	28.28 0.72 0.00	29.44 0.83 0.00	31.40 0.86 0.25	34.83 1.01 0.00	34.66 1.12 0.52	35.14 1.37 0.57	38.37 1.70 0.33	43.75 1.94 0.29	50.65 2.37 0.00	48.28 2.47 0.00	43.92 2.25 0.00	41.31 2.15 0.00	37.31 1.71 0.00	35.53 1.40 0.00	31.02 1.25 0.00
COOPERNY_115KV_TB1 80082	26.58 0.77 0.00	24.72 0.72 0.00	22.48 0.65 0.00	21.74 0.61 0.00	21.47 0.58 0.00	22.45 0.65 0.00	25.26 0.69 0.00	27.01 0.89 0.00	27.93 0.92 0.00	28.56 0.99 0.00	29.79 1.17 0.00	32.19 1.29 -0.10	35.31 1.49 0.00	35.90 1.63 -0.21	36.45 1.89 -0.23	39.42 2.29 -0.13	44.87 2.65 -0.11	51.28 2.99 0.00	48.56 2.75 0.00	44.05 2.38 0.00	41.43 2.27 0.00	37.34 1.74 0.00	35.60 1.47 0.00	30.96 1.19 0.00
COPENHAGEN_WT_PWR 323753	25.78 -0.03 0.00	23.90 -0.10 0.00	21.71 -0.11 0.00	21.04 -0.08 0.00	20.80 -0.08 0.00	21.77 -0.02 0.00	24.70 0.12 0.00	26.17 0.05 0.00	26.88 -0.13 0.00	27.43 -0.14 0.00	28.30 -0.31 0.00	30.45 -0.34 0.00	33.41 -0.40 0.00	33.72 -0.34 0.00	33.75 -0.58 0.00	36.56 -0.59 -0.15	41.91 -0.76 -0.57	48.52 -0.48 -0.72	47.18 -0.05 -1.41	42.66 0.08 -0.90	39.76 0.16 -0.44	34.71 0.04 0.92	33.99 -0.14 0.00	29.56 -0.21 0.00
CORNELL_____ 23752	26.35 0.54 0.00	24.34 0.34 0.00	22.11 0.28 0.00	21.34 0.21 0.00	21.14 0.25 0.00	22.12 0.33 0.00	25.04 0.47 0.00	26.62 0.50 0.00	27.56 0.54 0.00	28.09 0.52 0.00	29.10 0.49 0.00	31.35 0.55 0.00	34.36 0.54 0.00	34.84 0.78 0.00	35.19 0.86 0.00	38.12 1.04 -0.09	43.62 1.18 -0.34	50.16 1.45 -0.43	48.07 1.42 -0.84	43.63 1.42 -0.54	40.84 1.41 -0.26	36.88 1.28 0.00	35.22 1.09 0.00	30.54 0.77 0.00

CORONA__69_KV_TB1 355595	33.96 1.99 -6.16	25.82 1.82 0.00	23.46 1.64 0.00	22.62 1.50 0.00	22.35 1.46 0.00	23.45 1.66 0.00	26.30 1.72 0.00	28.29 2.17 0.00	34.50 2.30 -5.19	34.59 2.45 -4.57	40.72 2.80 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	50.00 3.85 -12.10	74.64 4.19 -36.12	93.62 4.88 -51.74	100.36 5.56 -52.70	94.96 6.23 -40.45	76.88 5.68 -25.39	104.29 5.13 -57.49	55.87 4.90 -11.82	55.85 3.92 -16.34	42.63 3.45 -5.05	41.89 2.83 -9.29
CORTLAND__115KV_TB3 80093	26.25 0.44 0.00	24.24 0.24 0.00	22.04 0.22 0.00	21.27 0.15 0.00	21.07 0.19 0.00	22.03 0.24 0.00	24.95 0.37 0.00	26.51 0.39 0.00	27.45 0.43 0.00	28.01 0.44 0.00	29.04 0.43 0.00	31.25 0.46 0.00	34.29 0.47 0.00	34.77 0.72 0.00	35.12 0.79 0.00	38.05 0.96 -0.09	43.54 1.09 -0.34	49.97 1.26 -0.43	47.85 1.19 -0.85	43.38 1.17 -0.54	40.60 1.17 -0.27	36.63 1.03 0.00	35.02 0.89 0.00	30.39 0.63 0.00
COXSACKIE__GT 23611	27.20 1.39 0.00	25.30 1.30 0.00	23.02 1.20 0.00	22.24 1.12 0.00	21.97 1.09 0.00	22.92 1.13 0.00	25.76 1.18 0.00	27.17 1.05 0.00	28.02 1.00 0.00	28.28 0.72 0.00	29.21 0.60 0.00	31.58 0.86 0.07	34.53 0.71 0.00	35.35 1.43 0.14	35.93 1.75 0.16	39.05 2.15 0.09	44.76 2.73 0.08	51.42 3.14 0.00	49.20 3.39 0.00	44.76 3.08 0.00	42.25 3.09 0.00	38.30 2.70 0.00	36.35 2.22 0.00	31.61 1.85 0.00
CPV_VALLEY__CC1 323721	26.69 0.88 0.00	24.84 0.84 0.00	22.58 0.76 0.00	21.80 0.68 0.00	21.55 0.67 0.00	22.55 0.76 0.00	25.36 0.79 0.00	27.09 0.97 0.00	28.10 1.08 0.00	28.67 1.10 0.00	29.99 1.37 0.00	32.47 1.54 -0.14	35.58 1.76 0.00	36.32 1.97 -0.29	36.92 2.27 -0.32	39.92 2.74 -0.18	45.46 3.20 -0.16	51.90 3.62 0.00	49.07 3.25 0.00	44.47 2.79 0.00	41.86 2.70 0.00	37.63 2.03 0.00	35.84 1.71 0.00	31.14 1.37 0.00
CPV_VALLEY__CC2 323722	26.69 0.88 0.00	24.84 0.84 0.00	22.58 0.76 0.00	21.80 0.68 0.00	21.55 0.67 0.00	22.55 0.76 0.00	25.36 0.79 0.00	27.09 0.97 0.00	28.10 1.08 0.00	28.67 1.10 0.00	29.99 1.37 0.00	32.47 1.54 -0.14	35.58 1.76 0.00	36.32 1.97 -0.29	36.92 2.27 -0.32	39.92 2.74 -0.18	45.46 3.20 -0.16	51.90 3.62 0.00	49.07 3.25 0.00	44.47 2.79 0.00	41.86 2.70 0.00	37.63 2.03 0.00	35.84 1.71 0.00	31.14 1.37 0.00
CRESCENT__HYD 24018	26.71 0.90 0.00	24.91 0.91 0.00	22.63 0.81 0.00	21.86 0.74 0.00	21.60 0.71 0.00	22.62 0.83 0.00	25.39 0.81 0.00	26.91 0.78 0.00	27.85 0.84 0.00	28.28 0.72 0.00	29.44 0.83 0.00	31.40 0.86 0.25	34.83 1.01 0.00	34.66 1.12 0.52	35.14 1.37 0.57	38.37 1.70 0.33	43.75 1.94 0.29	50.65 2.37 0.00	48.28 2.47 0.00	43.92 2.25 0.00	41.31 2.15 0.00	37.31 1.71 0.00	35.53 1.40 0.00	31.02 1.25 0.00
CRICKET__VALLEY_CC1 323756	26.76 0.96 0.00	25.03 1.03 0.00	22.78 0.96 0.00	21.99 0.87 0.00	21.72 0.84 0.00	22.77 0.98 0.00	25.56 0.98 0.00	27.22 1.10 0.00	28.15 1.13 0.00	28.64 1.07 0.00	29.99 1.37 0.00	29.16 1.48 3.11	35.54 1.72 0.00	29.60 1.94 6.40	29.55 2.27 7.05	35.73 2.78 4.05	41.72 3.20 3.58	51.90 3.62 0.00	49.20 3.39 0.00	44.63 2.96 0.00	41.98 2.82 0.00	37.70 2.10 0.00	35.91 1.77 0.00	31.22 1.46 0.00
CRICKET__VALLEY_CC2 323757	26.76 0.96 0.00	25.03 1.03 0.00	22.78 0.96 0.00	21.99 0.87 0.00	21.72 0.84 0.00	22.77 0.98 0.00	25.56 0.98 0.00	27.22 1.10 0.00	28.15 1.13 0.00	28.64 1.07 0.00	29.99 1.37 0.00	29.16 1.48 3.11	35.54 1.72 0.00	29.60 1.94 6.40	29.55 2.27 7.05	35.73 2.78 4.05	41.72 3.20 3.58	51.90 3.62 0.00	49.20 3.39 0.00	44.63 2.96 0.00	41.98 2.82 0.00	37.70 2.10 0.00	35.91 1.77 0.00	31.22 1.46 0.00
CRICKET__VALLEY_CC3 323758	26.76 0.96 0.00	25.03 1.03 0.00	22.78 0.96 0.00	21.99 0.87 0.00	21.72 0.84 0.00	22.77 0.98 0.00	25.56 0.98 0.00	27.22 1.10 0.00	28.15 1.13 0.00	28.64 1.07 0.00	29.99 1.37 0.00	29.16 1.48 3.11	35.54 1.72 0.00	29.60 1.94 6.40	29.55 2.27 7.05	35.73 2.78 4.05	41.72 3.20 3.58	51.90 3.62 0.00	49.20 3.39 0.00	44.63 2.96 0.00	41.98 2.82 0.00	37.70 2.10 0.00	35.91 1.77 0.00	31.22 1.46 0.00
CRUCIBLE__METL_DRP 24180	25.81 0.00 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	20.98 -0.15 0.00	20.78 -0.10 0.00	21.70 -0.09 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.96 -0.05 0.00	27.54 -0.03 0.00	28.47 -0.14 0.00	30.67 -0.12 0.00	33.68 -0.14 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.35 0.18 -0.17	42.91 0.17 -0.64	49.24 0.14 -0.81	47.49 0.09 -1.59	42.81 0.13 -1.02	39.86 0.20 -0.50	35.81 0.21 0.00	34.27 0.14 0.00	29.74 -0.03 0.00
DAHOWA__HYDRO 323763	27.00 1.19 0.00	25.15 1.15 0.00	22.80 0.98 0.00	22.03 0.91 0.00	21.80 0.92 0.00	22.82 1.02 0.00	25.66 1.08 0.00	27.11 0.99 0.00	28.04 1.03 0.00	28.50 0.94 0.00	29.56 0.94 0.00	31.63 1.05 0.21	35.07 1.25 0.00	34.96 1.33 0.43	35.41 1.55 0.47	38.58 1.85 0.27	44.01 2.15 0.24	51.13 2.85 0.00	48.97 3.16 0.00	44.59 2.92 0.00	42.10 2.94 0.00	37.95 2.35 0.00	36.08 1.94 0.00	31.40 1.64 0.00
DANC__LFGE 323619	25.68 -0.13 0.00	23.81 -0.19 0.00	21.65 -0.18 0.00	20.98 -0.15 0.00	20.74 -0.15 0.00	21.66 -0.13 0.00	24.55 -0.02 0.00	26.02 -0.10 0.00	26.77 -0.24 0.00	27.34 -0.22 0.00	28.21 -0.40 0.00	30.36 -0.43 0.00	33.31 -0.51 0.00	33.65 -0.41 0.00	33.82 -0.51 0.00	36.67 -0.52 -0.19	42.10 -0.72 -0.71	48.61 -0.58 -0.90	47.26 -0.32 -1.77	42.64 -0.17 -1.13	39.64 -0.08 -0.56	34.84 -0.14 0.62	33.93 -0.20 0.00	29.50 -0.27 0.00
DANSKAMMER__1 23586	27.23 1.42 0.00	25.32 1.32 0.00	23.04 1.22 0.00	22.24 1.12 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.85 1.28 0.00	27.61 1.49 0.00	28.61 1.59 0.00	29.19 1.63 0.00	30.53 1.92 0.00	33.10 2.15 -0.15	36.36 2.54 0.00	37.20 2.83 -0.31	37.94 3.26 -0.35	41.04 3.85 -0.20	46.78 4.51 -0.18	53.40 5.12 0.00	50.49 4.68 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.59 2.99 0.00	36.72 2.59 0.00	31.82 2.05 0.00
DANSKAMMER__2 23589	27.23 1.42 0.00	25.32 1.32 0.00	23.04 1.22 0.00	22.24 1.12 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.85 1.28 0.00	27.61 1.49 0.00	28.61 1.59 0.00	29.19 1.63 0.00	30.53 1.92 0.00	33.10 2.15 -0.15	36.36 2.54 0.00	37.20 2.83 -0.31	37.94 3.26 -0.35	41.04 3.85 -0.20	46.78 4.51 -0.18	53.40 5.12 0.00	50.49 4.68 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.59 2.99 0.00	36.72 2.59 0.00	31.82 2.05 0.00
DANSKAMMER__3 23590	27.23 1.42 0.00	25.32 1.32 0.00	23.04 1.22 0.00	22.24 1.12 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.85 1.28 0.00	27.61 1.49 0.00	28.61 1.59 0.00	29.19 1.63 0.00	30.53 1.92 0.00	33.10 2.15 -0.15	36.36 2.54 0.00	37.20 2.83 -0.31	37.94 3.26 -0.35	41.04 3.85 -0.20	46.78 4.51 -0.18	53.40 5.12 0.00	50.49 4.68 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.59 2.99 0.00	36.72 2.59 0.00	31.82 2.05 0.00

DANSKAMMER___4 23591	27.23 1.42 0.00	25.32 1.32 0.00	23.04 1.22 0.00	22.24 1.12 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.85 1.28 0.00	27.61 1.49 0.00	28.61 1.59 0.00	29.19 1.63 0.00	30.53 1.92 0.00	33.10 2.15 -0.15	36.36 2.54 0.00	37.20 2.83 -0.31	37.94 3.26 -0.35	41.04 3.85 -0.20	46.78 4.51 -0.18	53.40 5.12 0.00	50.49 4.68 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.59 2.99 0.00	36.72 2.59 0.00	31.82 2.05 0.00
DANSKAMMER___DIESEL 23592	27.23 1.42 0.00	25.32 1.32 0.00	23.07 1.24 0.00	22.31 1.18 0.00	22.01 1.13 0.00	23.01 1.22 0.00	25.88 1.30 0.00	27.69 1.57 0.00	28.61 1.59 0.00	29.25 1.68 0.00	30.53 1.92 0.00	33.10 2.16 -0.15	36.35 2.54 0.00	37.20 2.83 -0.31	37.94 3.26 -0.35	41.04 3.85 -0.20	46.78 4.50 -0.18	53.40 5.12 0.00	50.48 4.67 0.00	45.72 4.04 0.00	43.00 3.84 0.00	38.59 2.99 0.00	36.73 2.59 0.00	31.82 2.05 0.00
DARBY___SOLAR 323810	26.94 1.13 0.00	25.10 1.10 0.00	22.76 0.94 0.00	21.99 0.87 0.00	21.74 0.86 0.00	22.75 0.96 0.00	25.58 1.01 0.00	27.09 0.97 0.00	28.02 1.00 0.00	28.47 0.91 0.00	29.56 0.94 0.00	31.62 1.05 0.21	35.03 1.22 0.00	34.94 1.33 0.44	35.39 1.55 0.49	38.57 1.85 0.28	43.96 2.10 0.25	51.03 2.75 0.00	48.83 3.02 0.00	44.42 2.75 0.00	41.90 2.74 0.00	37.81 2.21 0.00	35.97 1.84 0.00	31.31 1.55 0.00
DASHVILLE___HYD 23610	26.94 1.14 0.00	25.06 1.06 0.00	22.83 1.00 0.00	22.07 0.95 0.00	21.81 0.92 0.00	22.75 0.96 0.00	25.53 0.96 0.00	27.30 1.18 0.00	28.18 1.16 0.00	28.81 1.24 0.00	30.07 1.46 0.00	32.97 2.09 -0.08	35.85 2.03 0.00	36.92 2.69 -0.17	37.61 3.09 -0.19	40.81 3.70 -0.11	46.53 4.34 -0.09	52.58 4.30 0.00	49.66 3.85 0.00	44.96 3.29 0.00	42.29 3.13 0.00	38.02 2.42 0.00	36.25 2.12 0.00	31.43 1.67 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.30 2.32 -6.16	26.14 2.14 0.00	23.83 2.01 0.00	22.90 1.77 0.00	22.66 1.78 0.00	23.97 2.18 0.00	26.67 2.09 0.00	28.84 2.72 0.00	35.15 2.94 -5.19	35.25 3.11 -4.57	41.63 3.72 -9.30	43.50 4.28 -8.42	45.06 4.80 -6.43	68.02 5.14 -28.82	76.05 5.60 -36.12	95.11 6.36 -51.75	140.70 7.33 -91.28	206.08 8.40 -149.39	145.18 7.70 -91.67	134.35 6.67 -86.01	57.13 6.15 -11.83	57.03 5.09 -16.34	43.51 4.33 -5.05	42.72 3.66 -9.29
DELAWARE___LFGE 323621	26.53 0.72 0.00	24.62 0.62 0.00	22.39 0.57 0.00	21.63 0.51 0.00	21.39 0.50 0.00	22.38 0.59 0.00	25.24 0.66 0.00	26.85 0.73 0.00	27.77 0.76 0.00	28.36 0.80 0.00	29.53 0.92 0.00	31.78 0.99 0.00	34.97 1.15 0.00	35.35 1.29 0.00	35.88 1.55 0.00	38.84 1.81 -0.03	44.27 2.06 -0.11	50.89 2.46 -0.14	48.42 2.34 -0.28	43.93 2.08 -0.18	41.28 2.04 -0.09	37.24 1.64 0.00	35.50 1.37 0.00	30.87 1.10 0.00
DERFIELD_115KV_TB7 355931	25.94 0.13 0.00	24.14 0.14 0.00	21.95 0.13 0.00	21.21 0.08 0.00	20.97 0.08 0.00	21.92 0.13 0.00	24.70 0.12 0.00	26.25 0.13 0.00	27.12 0.11 0.00	27.67 0.11 0.00	28.73 0.11 0.00	30.92 0.12 0.00	33.99 0.17 0.00	34.30 0.24 0.00	34.64 0.31 0.00	37.41 0.41 0.00	42.56 0.46 0.00	48.86 0.58 0.00	46.41 0.60 0.00	42.17 0.50 0.00	39.63 0.47 0.00	36.22 0.36 -0.26	34.37 0.24 0.00	29.98 0.21 0.00
DOGLEVILLE___HYD 23807	26.01 0.21 0.00	24.19 0.19 0.00	22.00 0.17 0.00	21.31 0.19 0.00	21.10 0.21 0.00	22.07 0.28 0.00	24.90 0.32 0.00	26.85 0.73 0.00	27.80 0.78 0.00	28.47 0.91 0.00	29.53 0.92 0.00	31.75 0.96 0.00	34.97 1.15 0.00	35.28 1.22 0.00	35.64 1.30 0.00	38.52 1.52 0.00	43.07 0.97 0.00	49.49 1.21 0.00	47.05 1.24 0.00	42.75 1.08 0.00	40.14 0.98 0.00	36.64 0.78 -0.26	34.68 0.54 0.00	30.21 0.45 0.00
DUNKIRK___115KV_TB_200 55889	25.94 0.13 0.00	23.40 -0.60 0.00	21.34 -0.48 0.00	20.47 -0.65 0.00	20.36 -0.52 0.00	21.33 -0.46 0.00	24.04 -0.54 0.00	25.63 -0.50 0.00	26.77 -0.24 0.00	27.37 -0.19 0.00	28.73 0.11 0.00	30.88 0.09 0.00	33.55 -0.27 0.00	34.37 0.31 0.00	34.61 0.27 0.00	36.89 -0.11 0.00	41.43 -0.67 0.00	46.79 -1.50 0.00	44.12 -1.70 0.00	40.51 -1.17 0.00	38.50 -0.67 0.00	35.56 -0.04 0.00	34.20 0.07 0.00	29.86 0.09 0.00
DUNKIRK___1 23563	25.94 0.13 0.00	23.40 -0.60 0.00	21.34 -0.48 0.00	20.47 -0.65 0.00	20.36 -0.52 0.00	21.33 -0.46 0.00	24.04 -0.54 0.00	25.63 -0.50 0.00	26.77 -0.24 0.00	27.37 -0.19 0.00	28.73 0.11 0.00	30.88 0.09 0.00	33.55 -0.27 0.00	34.37 0.31 0.00	34.61 0.27 0.00	36.89 -0.11 0.00	41.43 -0.67 0.00	46.79 -1.50 0.00	44.12 -1.70 0.00	40.51 -1.17 0.00	38.50 -0.67 0.00	35.56 -0.04 0.00	34.20 0.07 0.00	29.86 0.09 0.00
DUNKIRK___2 23564	25.94 0.13 0.00	23.40 -0.60 0.00	21.34 -0.48 0.00	20.47 -0.65 0.00	20.36 -0.52 0.00	21.33 -0.46 0.00	24.04 -0.54 0.00	25.63 -0.50 0.00	26.77 -0.24 0.00	27.37 -0.19 0.00	28.73 0.11 0.00	30.88 0.09 0.00	33.55 -0.27 0.00	34.37 0.31 0.00	34.61 0.27 0.00	36.89 -0.11 0.00	41.43 -0.67 0.00	46.79 -1.50 0.00	44.12 -1.70 0.00	40.51 -1.17 0.00	38.50 -0.67 0.00	35.56 -0.04 0.00	34.20 0.07 0.00	29.86 0.09 0.00
DUNKIRK___3 23565	25.78 -0.03 0.00	23.26 -0.74 0.00	21.21 -0.61 0.00	20.34 -0.78 0.00	20.24 -0.65 0.00	21.20 -0.59 0.00	23.89 -0.69 0.00	25.47 -0.65 0.00	26.61 -0.41 0.00	27.21 -0.36 0.00	28.53 -0.09 0.00	30.64 -0.15 0.00	33.31 -0.51 0.00	34.09 0.03 0.00	34.37 0.03 0.00	36.67 -0.33 0.00	41.26 -0.84 0.00	46.64 -1.64 0.00	43.94 -1.88 0.00	40.34 -1.33 0.00	38.38 -0.78 0.00	35.46 -0.14 0.00	34.10 -0.03 0.00	29.77 0.00 0.00
DUNKIRK___4 23566	25.78 -0.03 0.00	23.26 -0.74 0.00	21.21 -0.61 0.00	20.34 -0.78 0.00	20.24 -0.65 0.00	21.20 -0.59 0.00	23.89 -0.69 0.00	25.47 -0.65 0.00	26.61 -0.41 0.00	27.21 -0.36 0.00	28.53 -0.09 0.00	30.64 -0.15 0.00	33.31 -0.51 0.00	34.09 0.03 0.00	34.37 0.03 0.00	36.67 -0.33 0.00	41.26 -0.84 0.00	46.64 -1.64 0.00	43.94 -1.88 0.00	40.34 -1.33 0.00	38.38 -0.78 0.00	35.46 -0.14 0.00	34.10 -0.03 0.00	29.77 0.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.28 1.47 0.00	25.39 1.39 0.00	23.09 1.27 0.00	22.33 1.20 0.00	22.06 1.17 0.00	23.08 1.29 0.00	25.95 1.38 0.00	27.85 1.72 0.00	28.83 1.81 0.00	29.52 1.96 0.00	30.90 2.29 0.00	33.55 2.56 -0.20	36.69 2.87 0.00	37.57 3.10 -0.41	38.29 3.50 -0.45	41.36 4.11 -0.26	47.04 4.72 -0.23	53.50 5.21 0.00	50.53 4.72 0.00	45.80 4.13 0.00	43.12 3.96 0.00	38.66 3.06 0.00	36.79 2.66 0.00	31.91 2.14 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.05 1.24 0.00	25.15 1.15 0.00	22.89 1.07 0.00	22.14 1.01 0.00	21.85 0.96 0.00	22.84 1.05 0.00	25.71 1.13 0.00	27.51 1.38 0.00	28.45 1.43 0.00	29.08 1.52 0.00	30.36 1.75 0.00	32.91 1.97 -0.15	36.12 2.30 0.00	36.92 2.55 -0.31	37.60 2.92 -0.34	40.67 3.48 -0.20	46.36 4.08 -0.17	52.87 4.59 0.00	49.98 4.17 0.00	45.30 3.63 0.00	42.61 3.45 0.00	38.27 2.67 0.00	36.42 2.29 0.00	31.58 1.82 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	27.36 1.55 0.00	25.49 1.49 0.00	23.13 1.31 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.03 1.24 0.00	25.95 1.38 0.00	27.90 1.78 0.00	28.91 1.89 0.00	29.66 2.09 0.00	31.09 2.49 0.01	38.81 2.74 -5.28	36.97 3.15 -0.01	39.71 3.34 -2.31	44.16 3.71 -6.12	41.66 4.37 -0.30	47.25 4.93 -0.23	53.50 5.21 0.00	50.44 4.63 0.00	45.88 4.21 0.00	43.27 4.11 0.00	38.80 3.20 0.00	36.96 2.83 0.00	32.03 2.26 0.00
E179THST_13_KV_LOAD 356214	27.51 1.70 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.54 1.42 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.10 1.52 0.00	28.06 1.93 0.00	29.07 2.05 0.00	29.83 2.26 0.00	31.29 2.69 0.01	39.00 2.93 -5.28	37.17 3.35 -0.01	39.95 3.58 -2.31	44.40 3.95 -6.12	41.92 4.62 -0.30	47.55 5.22 -0.23	53.88 5.60 0.00	50.81 4.99 0.00	46.17 4.50 0.00	43.55 4.39 0.00	39.05 3.45 0.00	37.20 3.07 0.00	32.24 2.47 0.00
EAST HAMPTON___GT 23717	34.19 2.22 -6.16	26.09 2.09 0.00	23.79 1.96 0.00	22.86 1.73 0.00	22.66 1.77 0.00	24.04 2.25 0.00	26.71 2.14 0.00	28.92 2.80 0.00	35.37 3.16 -5.19	35.41 3.28 -4.57	41.95 4.04 -9.30	43.96 4.74 -8.42	45.53 5.27 -6.43	68.50 5.62 -28.82	76.56 6.11 -36.12	95.55 6.81 -51.75	141.21 7.83 -91.29	206.77 9.07 -149.42	145.88 8.38 -91.68	134.86 7.17 -86.02	57.56 6.58 -11.83	57.42 5.48 -16.34	43.86 4.68 -5.05	43.02 3.96 -9.29
EAST RIVER___6 23660	27.33 1.52 0.00	25.44 1.44 0.00	23.11 1.29 0.00	22.29 1.16 0.00	22.03 1.15 0.00	23.06 1.26 0.00	25.90 1.33 0.00	27.85 1.72 0.00	28.93 1.92 0.00	29.60 2.04 0.00	31.13 2.52 0.00	38.66 2.77 -5.10	36.98 3.15 -0.02	39.68 3.37 -2.25	44.15 3.74 -6.07	47.09 4.51 -5.58	47.46 5.13 -0.23	53.74 5.45 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
EAST RIVER___7 23524	27.33 1.52 0.00	25.44 1.44 0.00	23.11 1.29 0.00	22.29 1.16 0.00	22.03 1.15 0.00	23.06 1.26 0.00	25.90 1.33 0.00	27.85 1.72 0.00	28.93 1.92 0.00	29.60 2.04 0.00	31.13 2.52 0.00	38.66 2.77 -5.10	36.98 3.15 -0.02	39.68 3.37 -2.25	44.15 3.74 -6.07	47.09 4.51 -5.58	47.46 5.13 -0.23	53.74 5.45 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.23 1.42 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.29 1.16 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.90 1.33 0.00	27.77 1.65 0.00	28.74 1.73 0.00	29.41 1.85 0.00	30.79 2.17 0.00	33.42 2.43 -0.20	36.59 2.77 0.00	37.46 3.00 -0.41	38.15 3.36 -0.45	41.25 4.00 -0.26	46.87 4.55 -0.23	53.35 5.07 0.00	50.39 4.58 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.55 2.95 0.00	36.69 2.56 0.00	31.82 2.05 0.00
EAST_HAMPTON___DIESEL 23722	34.14 2.17 -6.16	26.04 2.04 0.00	23.76 1.94 0.00	22.83 1.71 0.00	22.64 1.75 0.00	24.02 2.22 0.00	26.69 2.11 0.00	28.89 2.77 0.00	35.34 3.13 -5.19	35.41 3.28 -4.57	41.92 4.01 -9.30	43.93 4.71 -8.42	45.53 5.27 -6.43	68.50 5.62 -28.82	76.53 6.08 -36.12	95.52 6.77 -51.75	141.17 7.79 -91.28	206.72 9.03 -149.42	145.83 8.34 -91.68	134.81 7.12 -86.02	57.53 6.54 -11.83	57.38 5.45 -16.34	43.82 4.64 -5.05	42.99 3.93 -9.29
EAST_POINT___SOLAR 323840	27.80 1.99 0.00	25.78 1.78 0.00	23.33 1.50 0.00	22.56 1.44 0.00	22.14 1.25 0.00	23.19 1.40 0.00	25.63 1.06 0.00	26.72 0.60 0.00	27.47 0.46 0.00	27.95 0.39 0.00	29.10 0.49 0.00	30.96 0.28 0.11	34.56 0.74 0.00	34.72 0.88 0.23	35.49 1.41 0.25	38.26 1.41 0.14	43.57 1.60 0.13	51.28 2.99 0.00	49.94 4.12 0.00	45.93 4.25 0.00	43.90 4.74 0.00	39.55 3.95 0.00	37.48 3.35 0.00	32.39 2.62 0.00
EAST_PULASKI___ESR 323781	25.60 -0.21 0.00	23.74 -0.26 0.00	21.58 -0.24 0.00	20.91 -0.21 0.00	20.70 -0.19 0.00	21.57 -0.22 0.00	24.43 -0.15 0.00	25.91 -0.21 0.00	26.72 -0.30 0.00	27.29 -0.28 0.00	28.15 -0.46 0.00	30.30 -0.49 0.00	33.28 -0.54 0.00	33.65 -0.41 0.00	33.92 -0.41 0.00	36.86 -0.41 -0.27	42.53 -0.59 -1.02	48.94 -0.63 -1.29	47.87 -0.46 -2.52	42.95 -0.33 -1.61	39.72 -0.23 -0.79	35.04 -0.25 0.32	33.89 -0.24 0.00	29.44 -0.33 0.00
EAST_RIVER___1 323558	27.41 1.60 0.00	25.49 1.49 0.00	23.18 1.35 0.00	22.35 1.22 0.00	22.10 1.21 0.00	23.17 1.37 0.00	26.03 1.45 0.00	27.95 1.83 0.00	29.01 2.00 0.00	29.66 2.09 0.00	31.16 2.55 0.00	38.72 2.83 -5.10	37.05 3.21 -0.02	39.75 3.44 -2.25	44.22 3.81 -6.07	47.06 4.47 -5.58	47.42 5.09 -0.23	53.83 5.55 0.00	50.76 4.95 0.00	46.01 4.33 0.00	43.39 4.23 0.00	38.87 3.27 0.00	37.03 2.90 0.00	32.09 2.32 0.00
EAST_RIVER___2 323559	27.33 1.52 0.00	25.44 1.44 0.00	23.11 1.29 0.00	22.29 1.16 0.00	22.03 1.15 0.00	23.06 1.26 0.00	25.90 1.33 0.00	27.85 1.72 0.00	28.93 1.92 0.00	29.60 2.04 0.00	31.13 2.52 0.00	38.66 2.77 -5.10	36.98 3.15 -0.02	39.68 3.37 -2.25	44.15 3.74 -6.07	47.09 4.51 -5.58	47.46 5.13 -0.23	53.74 5.45 0.00	50.62 4.81 0.00	45.88 4.21 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
EAST___DELAWARE_HYD 23607	26.71 0.90 0.00	24.82 0.82 0.00	22.56 0.74 0.00	21.80 0.68 0.00	21.53 0.65 0.00	22.53 0.74 0.00	25.34 0.76 0.00	27.04 0.91 0.00	28.02 1.00 0.00	28.59 1.02 0.00	29.84 1.23 0.00	32.35 1.45 -0.11	35.54 1.72 0.00	35.35 1.06 -0.23	36.03 1.44 -0.26	39.07 1.92 -0.15	44.63 2.40 -0.13	51.03 2.75 0.00	48.33 2.52 0.00	43.71 2.04 0.00	41.16 2.00 0.00	37.91 2.31 0.00	36.04 1.91 0.00	31.20 1.43 0.00
EIGHT_POINT___WT_PWR 323820	25.73 -0.08 0.00	23.52 -0.48 0.00	21.39 -0.44 0.00	20.87 -0.25 0.00	20.72 -0.17 0.00	21.40 -0.39 0.00	24.38 -0.20 0.00	26.25 0.13 0.00	27.21 0.19 0.00	28.03 0.47 0.00	28.90 0.29 0.00	31.13 0.34 0.00	33.92 0.10 0.00	34.60 0.54 0.00	34.88 0.55 0.00	37.44 0.41 -0.04	42.49 0.25 -0.13	48.45 0.00 -0.17	46.01 -0.14 -0.33	42.18 0.29 -0.21	39.66 0.39 -0.11	36.13 0.53 0.00	34.30 0.17 0.00	29.62 -0.15 0.00
ELBRIDGE_115KV_TB2 80188	25.71 -0.10 0.00	23.81 -0.19 0.00	21.63 -0.20 0.00	20.87 -0.25 0.00	20.68 -0.21 0.00	21.60 -0.20 0.00	24.43 -0.15 0.00	25.94 -0.18 0.00	26.85 -0.16 0.00	27.40 -0.17 0.00	28.33 -0.29 0.00	30.51 -0.28 0.00	33.48 -0.34 0.00	33.89 -0.17 0.00	34.27 -0.07 0.00	37.14 -0.04 -0.18	42.69 -0.08 -0.68	49.00 -0.14 -0.86	47.31 -0.18 -1.68	42.62 -0.13 -1.07	39.69 0.00 -0.53	35.63 0.04 0.00	34.10 -0.03 0.00	29.59 -0.18 0.00
ELEC_TRO_TEK 24086	33.78 1.81 -6.16	25.68 1.68 0.00	23.33 1.51 0.00	22.50 1.37 0.00	22.22 1.34 0.00	23.34 1.55 0.00	26.15 1.57 0.00	28.16 2.04 0.00	34.37 2.16 -5.19	34.42 2.29 -4.57	40.57 2.66 -9.30	42.17 2.96 -8.42	43.60 3.35 -6.43	49.70 3.54 -12.10	74.40 3.95 -36.12	93.32 4.59 -51.74	100.07 5.26 -52.70	94.58 5.84 -40.45	76.51 5.31 -25.39	103.83 4.67 -57.49	55.44 4.46 -11.82	55.46 3.52 -16.34	42.32 3.14 -5.05	41.62 2.56 -9.29

ELLENBURG_WT_PWR 323604	25.91 0.10 0.00	24.05 0.05 0.00	21.89 0.07 0.00	21.15 0.02 0.00	20.97 0.08 0.00	21.88 0.09 0.00	24.82 0.25 0.00	26.49 0.37 0.00	27.26 0.24 0.00	27.98 0.41 0.00	29.16 0.54 0.00	31.32 0.52 0.00	34.16 0.34 0.00	34.09 0.03 0.00	33.82 -0.51 0.00	36.18 -0.81 0.00	41.42 -0.68 0.00	47.56 -0.72 0.00	44.80 -1.01 0.00	41.00 -0.67 0.00	37.98 -1.17 0.01	28.95 -1.43 5.22	32.49 -1.64 0.01	28.39 -1.37 0.01
ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.47 -0.34 0.00	22.97 -1.03 0.00	20.95 -0.87 0.00	20.07 -1.06 0.00	19.97 -0.92 0.00	20.94 -0.85 0.00	23.59 -0.98 0.00	25.13 -0.99 0.00	26.29 -0.73 0.00	26.85 -0.72 0.00	28.10 -0.52 0.00	30.15 -0.65 0.00	32.77 -1.05 0.00	33.55 -0.51 0.00	33.82 -0.52 0.00	36.07 -0.92 0.00	40.63 -1.47 0.00	45.82 -2.46 0.00	43.25 -2.57 0.00	39.71 -1.96 0.00	37.87 -1.29 0.00	35.06 -0.53 0.00	33.76 -0.38 0.00	29.53 -0.24 0.00
EMPIRE_CC_1 323656	26.45 0.65 0.00	24.70 0.70 0.00	22.45 0.63 0.00	21.69 0.57 0.00	21.43 0.54 0.00	22.42 0.63 0.00	25.17 0.59 0.00	26.70 0.57 0.00	27.61 0.59 0.00	28.03 0.47 0.00	29.24 0.63 0.00	30.98 0.52 0.34	34.39 0.57 0.00	34.08 0.72 0.69	34.53 0.96 0.76	37.82 1.26 0.44	43.14 1.43 0.39	50.02 1.74 0.00	47.60 1.78 0.00	43.26 1.58 0.00	40.69 1.53 0.00	36.74 1.14 0.00	34.98 0.85 0.00	30.69 0.92 0.00
EMPIRE_CC_2 323658	26.45 0.65 0.00	24.70 0.70 0.00	22.45 0.63 0.00	21.69 0.57 0.00	21.43 0.54 0.00	22.42 0.63 0.00	25.17 0.59 0.00	26.70 0.57 0.00	27.61 0.59 0.00	28.03 0.47 0.00	29.24 0.63 0.00	30.98 0.52 0.34	34.39 0.57 0.00	34.08 0.72 0.69	34.53 0.96 0.76	37.82 1.26 0.44	43.14 1.43 0.39	50.02 1.74 0.00	47.60 1.78 0.00	43.26 1.58 0.00	40.69 1.53 0.00	36.74 1.14 0.00	34.98 0.85 0.00	30.69 0.92 0.00
ENORWICH_115KV_TB1 80156	27.38 1.57 0.00	25.27 1.27 0.00	22.96 1.13 0.00	22.12 0.99 0.00	21.91 1.02 0.00	23.06 1.26 0.00	26.15 1.57 0.00	27.74 1.62 0.00	28.53 1.51 0.00	29.08 1.52 0.00	30.10 1.49 0.00	32.36 1.57 0.00	35.54 1.72 0.00	36.10 2.04 0.00	36.57 2.23 0.00	39.69 2.63 -0.07	45.43 3.07 -0.25	52.56 3.96 -0.32	50.56 4.12 -0.63	45.91 3.83 -0.40	43.04 3.68 -0.20	38.73 3.13 0.00	36.79 2.66 0.00	31.88 2.11 0.00
ERIE_ST__34_KV_TB1-2 80199	25.81 0.00 0.00	23.23 -0.77 0.00	21.19 -0.63 0.00	20.30 -0.82 0.00	20.22 -0.67 0.00	21.20 -0.59 0.00	23.89 -0.69 0.00	25.47 -0.65 0.00	26.64 -0.38 0.00	27.23 -0.33 0.00	28.56 -0.06 0.00	30.64 -0.15 0.00	33.38 -0.44 0.00	34.23 0.17 0.00	34.51 0.17 0.00	36.85 -0.15 0.00	41.59 -0.51 0.00	46.98 -1.30 0.00	44.30 -1.51 0.00	40.63 -1.04 0.00	38.61 -0.55 0.00	35.63 0.04 0.00	34.27 0.14 0.00	29.98 0.21 0.00
ERIE_WT_PWR 323693	25.73 -0.08 0.00	23.14 -0.86 0.00	21.14 -0.68 0.00	20.85 -0.28 0.00	20.66 -0.23 0.00	21.07 -0.72 0.00	23.91 -0.66 0.00	25.70 -0.42 0.00	26.53 -0.49 0.00	27.48 -0.08 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.04 -0.78 0.00	33.86 -0.20 0.00	34.13 -0.20 0.00	36.37 -0.63 0.00	41.05 -1.05 0.00	46.31 -1.98 -0.01	43.71 -2.11 -0.01	40.30 -1.37 0.00	38.22 -0.94 0.00	35.39 -0.21 0.00	34.03 -0.10 0.00	29.77 0.00 0.00
ESPRGFLD_115KV_TB1 80157	27.15 1.34 0.00	25.13 1.13 0.00	22.80 0.98 0.00	22.01 0.89 0.00	21.74 0.86 0.00	22.82 1.02 0.00	25.66 1.08 0.00	27.19 1.07 0.00	28.04 1.03 0.00	28.61 1.05 0.00	29.79 1.17 0.00	31.96 1.23 0.06	35.34 1.52 0.00	35.67 1.74 0.13	36.26 2.06 0.14	39.21 2.29 0.08	44.60 2.57 0.07	51.71 3.43 0.00	49.48 3.66 0.00	45.09 3.42 0.00	42.69 3.52 0.00	38.52 2.92 0.00	36.59 2.46 0.00	31.67 1.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.33 0.52 0.00	24.31 0.31 0.00	22.08 0.26 0.00	21.31 0.19 0.00	21.12 0.23 0.00	22.10 0.31 0.00	25.02 0.44 0.00	26.59 0.47 0.00	27.50 0.49 0.00	28.06 0.50 0.00	29.07 0.46 0.00	31.28 0.49 0.00	34.33 0.51 0.00	34.77 0.72 0.00	35.16 0.82 0.00	38.09 1.00 -0.09	43.59 1.14 -0.35	50.13 1.40 -0.44	48.05 1.37 -0.87	43.56 1.33 -0.56	40.81 1.37 -0.27	36.81 1.21 0.00	35.16 1.02 0.00	30.48 0.71 0.00
ETNA____115KV_TB2 80207	26.33 0.52 0.00	24.31 0.31 0.00	22.08 0.26 0.00	21.31 0.19 0.00	21.12 0.23 0.00	22.10 0.31 0.00	25.02 0.44 0.00	26.59 0.47 0.00	27.50 0.49 0.00	28.06 0.50 0.00	29.07 0.46 0.00	31.28 0.49 0.00	34.33 0.51 0.00	34.77 0.72 0.00	35.16 0.82 0.00	38.09 1.00 -0.09	43.59 1.14 -0.35	50.13 1.40 -0.44	48.05 1.37 -0.87	43.56 1.33 -0.56	40.81 1.37 -0.27	36.81 1.21 0.00	35.16 1.02 0.00	30.48 0.71 0.00
EUCLID__115KV_TB2 356179	25.55 -0.26 0.00	23.69 -0.31 0.00	21.54 -0.28 0.00	20.79 -0.34 0.00	20.59 -0.29 0.00	21.51 -0.28 0.00	24.31 -0.27 0.00	25.81 -0.31 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.21 -0.40 0.00	30.36 -0.43 0.00	33.34 -0.47 0.00	33.72 -0.34 0.00	34.06 -0.27 0.00	36.85 -0.22 -0.08	42.02 -0.38 -0.30	48.18 -0.48 -0.38	46.04 -0.50 -0.74	41.73 -0.42 -0.47	39.08 -0.31 -0.23	35.39 -0.21 0.00	33.86 -0.27 0.00	29.41 -0.36 0.00
E_CANADA_CAP_HY 24051	27.51 1.70 0.00	25.51 1.51 0.00	23.11 1.29 0.00	22.35 1.22 0.00	22.03 1.15 0.00	23.08 1.29 0.00	25.83 1.25 0.00	27.22 1.10 0.00	28.04 1.03 0.00	28.56 0.99 0.00	29.70 1.09 0.00	31.78 1.08 0.09	35.27 1.45 0.00	35.50 1.63 0.19	36.18 2.06 0.21	39.10 2.22 0.12	44.43 2.44 0.11	51.85 3.57 0.00	49.98 4.17 0.00	45.67 4.00 0.00	43.43 4.27 0.00	39.12 3.53 0.00	37.10 2.97 0.00	32.06 2.29 0.00
E_CANADA_MHWK_HY 24050	26.01 0.21 0.00	24.19 0.19 0.00	22.00 0.17 0.00	21.31 0.19 0.00	21.10 0.21 0.00	22.07 0.28 0.00	24.90 0.32 0.00	26.85 0.73 0.00	27.80 0.78 0.00	28.47 0.91 0.00	29.53 0.92 0.00	31.75 0.96 0.00	34.97 1.15 0.00	35.28 1.22 0.00	35.64 1.30 0.00	38.52 1.52 0.00	43.07 0.97 0.00	49.49 1.21 0.00	47.05 1.24 0.00	42.75 1.08 0.00	40.14 0.98 0.00	36.64 0.78 -0.26	34.68 0.54 0.00	30.21 0.45 0.00
E_FISHKILL__LBMP 23776	26.97 1.16 0.00	25.15 1.15 0.00	22.87 1.05 0.00	22.12 0.99 0.00	21.85 0.96 0.00	22.84 1.05 0.00	25.68 1.11 0.00	27.51 1.38 0.00	28.42 1.40 0.00	29.05 1.49 0.00	30.36 1.75 0.00	32.94 1.94 -0.20	36.05 2.23 0.00	36.90 2.42 -0.42	37.58 2.78 -0.46	40.59 3.33 -0.27	46.17 3.83 -0.24	52.58 4.30 0.00	49.71 3.89 0.00	45.09 3.42 0.00	42.41 3.25 0.00	38.09 2.49 0.00	36.25 2.12 0.00	31.49 1.73 0.00
FALCON___SEABRD_CC1 323796	26.01 0.21 0.00	24.17 0.17 0.00	22.00 0.17 0.00	21.27 0.15 0.00	21.07 0.19 0.00	21.99 0.20 0.00	24.95 0.37 0.00	26.62 0.50 0.00	27.42 0.41 0.00	28.12 0.55 0.00	29.27 0.66 0.00	31.47 0.68 0.00	34.33 0.51 0.00	34.30 0.24 0.00	34.06 -0.28 0.00	36.44 -0.55 0.00	41.68 -0.42 0.00	47.89 -0.39 0.00	45.17 -0.64 0.00	41.34 -0.33 0.00	38.37 -0.78 0.01	29.38 -1.00 5.22	32.93 -1.20 0.01	28.75 -1.01 0.01

FALCON___SEABRD_CC2 323797	26.01 0.21 0.00	24.17 0.17 0.00	22.00 0.17 0.00	21.27 0.15 0.00	21.07 0.19 0.00	21.99 0.20 0.00	24.95 0.37 0.00	26.62 0.50 0.00	27.42 0.41 0.00	28.12 0.55 0.00	29.27 0.66 0.00	31.47 0.68 0.00	34.33 0.51 0.00	34.30 0.24 0.00	34.06 -0.28 0.00	36.44 -0.55 0.00	41.68 -0.42 0.00	47.89 -0.39 0.00	45.17 -0.64 0.00	41.34 -0.33 0.00	38.37 -0.78 0.01	29.38 -1.00 5.22	32.93 -1.20 0.01	28.75 -1.01 0.01
FAR ROCKAWAY___4 23548	34.19 2.22 -6.16	26.02 2.02 0.00	23.63 1.81 0.00	22.79 1.67 0.00	22.52 1.63 0.00	23.62 1.83 0.00	26.47 1.89 0.00	28.50 2.38 0.00	34.72 2.51 -5.19	34.81 2.67 -4.57	41.03 3.12 -9.30	42.76 3.54 -8.42	44.24 3.99 -6.43	50.41 4.26 -12.10	74.88 4.43 -36.12	93.88 5.14 -51.74	100.65 5.85 -52.70	95.30 6.57 -40.45	77.20 6.00 -25.39	104.83 5.67 -57.49	56.38 5.40 -11.82	56.35 4.41 -16.34	43.00 3.82 -5.05	42.21 3.16 -9.29
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.41 1.60 0.00	25.51 1.51 0.00	23.20 1.37 0.00	22.43 1.31 0.00	22.16 1.27 0.00	23.17 1.37 0.00	26.10 1.52 0.00	28.03 1.91 0.00	29.04 2.03 0.00	29.77 2.21 0.00	31.19 2.58 0.00	38.79 2.86 -5.13	37.05 3.21 -0.02	39.76 3.44 -2.26	44.26 3.81 -6.11	47.09 4.48 -5.62	47.42 5.09 -0.23	53.83 5.55 0.00	50.81 4.99 0.00	46.09 4.42 0.00	43.43 4.27 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.12 2.35 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.43 1.63 0.00	25.51 1.51 0.00	23.20 1.37 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.19 1.39 0.00	26.10 1.52 0.00	28.03 1.91 0.00	29.04 2.03 0.00	29.77 2.21 0.00	31.19 2.58 0.00	38.79 2.86 -5.13	37.05 3.21 -0.02	39.76 3.44 -2.26	44.26 3.81 -6.11	47.09 4.48 -5.62	47.46 5.14 -0.23	53.83 5.55 0.00	50.81 4.99 0.00	46.09 4.42 0.00	43.43 4.27 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.12 2.35 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.41 1.60 0.00	25.49 1.49 0.00	23.17 1.35 0.00	22.43 1.31 0.00	22.14 1.25 0.00	23.17 1.37 0.00	26.08 1.50 0.00	28.03 1.91 0.00	29.01 2.00 0.00	29.74 2.18 0.00	31.16 2.55 0.00	38.75 2.83 -5.13	37.05 3.21 -0.02	39.76 3.44 -2.26	44.26 3.81 -6.11	47.06 4.44 -5.62	47.42 5.09 -0.23	53.79 5.50 0.00	50.76 4.95 0.00	46.05 4.38 0.00	43.39 4.23 0.00	38.87 3.28 0.00	37.03 2.90 0.00	32.09 2.32 0.00
FARRAGUT___LBMP 323566	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	28.00 1.88 0.00	28.99 1.97 0.00	29.71 2.15 0.00	31.13 2.52 0.00	38.72 2.80 -5.13	36.98 3.15 -0.02	39.70 3.37 -2.26	44.19 3.74 -6.11	47.02 4.40 -5.62	47.34 5.01 -0.23	53.74 5.46 0.00	50.71 4.90 0.00	46.01 4.33 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
FENNER___WINDPWR 24204	26.35 0.54 0.00	24.41 0.41 0.00	22.19 0.37 0.00	21.48 0.36 0.00	21.26 0.38 0.00	22.18 0.39 0.00	25.17 0.59 0.00	26.75 0.63 0.00	27.58 0.57 0.00	28.20 0.63 0.00	29.16 0.54 0.00	31.41 0.62 0.00	34.49 0.68 0.00	34.91 0.85 0.00	35.26 0.93 0.00	38.18 1.11 -0.08	43.65 1.26 -0.29	50.09 1.45 -0.36	47.99 1.47 -0.71	43.50 1.37 -0.46	40.72 1.33 -0.22	36.74 1.14 0.00	35.09 0.95 0.00	30.51 0.74 0.00
FIBERTEK___ENERGY 23856	25.81 0.00 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	20.98 -0.15 0.00	20.78 -0.10 0.00	21.70 -0.09 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.96 -0.05 0.00	27.54 -0.03 0.00	28.47 -0.14 0.00	30.67 -0.12 0.00	33.68 -0.14 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.35 0.18 -0.17	42.91 0.17 -0.64	49.24 0.14 -0.81	47.49 0.09 -1.59	42.81 0.13 -1.02	39.86 0.20 -0.50	35.81 0.21 0.00	34.27 0.14 0.00	29.74 -0.03 0.00
FITZPATRICK____ 23598	25.22 -0.59 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.64 -0.49 0.00	20.43 -0.46 0.00	21.25 -0.54 0.00	24.01 -0.56 0.00	25.47 -0.65 0.00	26.31 -0.70 0.00	26.88 -0.69 0.00	27.76 -0.86 0.00	29.87 -0.92 0.00	32.77 -1.05 0.00	33.11 -0.95 0.00	33.44 -0.89 0.00	35.11 -0.96 0.93	37.44 -1.13 3.52	42.45 -1.35 4.48	35.80 -1.28 8.73	35.00 -1.08 5.59	35.43 -0.98 2.75	34.74 -0.85 0.00	33.24 -0.89 0.00	28.93 -0.83 0.00
FLOWRFLD_69_KV_BK1 356044	34.14 2.17 -6.16	25.99 1.99 0.00	23.63 1.81 0.00	22.71 1.58 0.00	22.45 1.57 0.00	23.67 1.87 0.00	26.42 1.84 0.00	28.50 2.38 0.00	34.72 2.51 -5.19	34.75 2.62 -4.57	40.92 3.00 -9.30	42.57 3.36 -8.42	44.01 3.75 -6.43	63.76 4.02 -25.68	74.74 4.29 -36.12	93.78 5.03 -51.75	152.12 5.73 -104.30	240.87 6.42 -186.16	165.67 5.82 -114.04	142.39 5.08 -95.64	55.89 4.90 -11.83	55.85 3.92 -16.34	42.76 3.58 -5.05	42.04 2.98 -9.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.28 1.47 0.00	25.37 1.37 0.00	23.11 1.29 0.00	22.35 1.23 0.00	22.06 1.17 0.00	23.06 1.26 0.00	25.93 1.35 0.00	27.72 1.59 0.00	28.66 1.65 0.00	29.30 1.74 0.00	30.59 1.97 0.00	33.17 2.22 -0.16	36.42 2.60 0.00	37.28 2.90 -0.32	38.02 3.33 -0.36	41.16 3.96 -0.20	46.91 4.63 -0.18	53.54 5.26 0.00	50.62 4.81 0.00	45.84 4.17 0.00	43.12 3.96 0.00	38.70 3.10 0.00	36.79 2.66 0.00	31.88 2.11 0.00
FORT ORANGE____ 23900	26.43 0.62 0.00	24.67 0.67 0.00	22.41 0.59 0.00	21.65 0.53 0.00	21.37 0.48 0.00	22.34 0.55 0.00	25.09 0.52 0.00	26.59 0.47 0.00	27.50 0.49 0.00	27.92 0.36 0.00	29.07 0.46 0.00	31.09 0.46 0.16	34.29 0.47 0.00	34.45 0.72 0.33	34.86 0.89 0.36	37.97 1.18 0.21	43.35 1.43 0.18	50.02 1.74 0.00	47.65 1.83 0.00	43.26 1.58 0.00	40.69 1.53 0.00	36.81 1.21 0.00	35.09 0.95 0.00	30.66 0.89 0.00
FORT_DRUM_COGEN 23780	25.78 -0.03 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	21.06 -0.06 0.00	20.84 -0.04 0.00	21.79 0.00 0.00	24.72 0.15 0.00	26.17 0.05 0.00	26.88 -0.14 0.00	27.43 -0.14 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.41 -0.41 0.00	33.72 -0.34 0.00	33.72 -0.62 0.00	36.50 -0.63 -0.14	41.81 -0.80 -0.51	48.45 -0.48 -0.65	47.04 -0.05 -1.27	42.53 0.04 -0.82	39.72 0.16 -0.40	34.59 0.04 1.04	33.96 -0.17 0.00	29.56 -0.21 0.00
FOX_HILLS___ESR 323835	27.51 1.70 0.00	25.56 1.56 0.00	23.20 1.37 0.00	22.48 1.35 0.00	22.18 1.29 0.00	23.08 1.29 0.00	26.00 1.43 0.00	27.95 1.83 0.00	28.99 1.97 0.00	29.77 2.21 0.00	36.88 2.69 -5.57	41.31 2.93 -7.59	50.30 3.35 -13.13	53.20 3.54 -15.59	47.21 3.95 -8.93	107.25 4.70 -65.55	80.00 5.35 -32.56	76.69 5.79 -22.62	79.97 5.13 -29.03	76.44 4.63 -30.14	91.21 4.50 -47.54	52.36 3.49 -13.27	50.76 3.07 -13.56	32.25 2.47 -0.02
FPL FAR_ROCK_GT1 24212	34.17 2.19 -6.16	26.02 2.02 0.00	23.61 1.79 0.00	22.73 1.60 0.00	22.47 1.59 0.00	23.62 1.83 0.00	26.44 1.87 0.00	28.42 2.30 0.00	34.72 2.51 -5.19	34.75 2.62 -4.57	41.03 3.12 -9.30	42.76 3.54 -8.42	44.24 3.99 -6.43	50.41 4.26 -12.10	74.88 4.43 -36.12	93.88 5.14 -51.74	100.65 5.85 -52.70	95.30 6.57 -40.45	77.20 6.00 -25.39	104.79 5.62 -57.49	56.38 5.41 -11.82	56.35 4.41 -16.34	43.01 3.82 -5.05	42.22 3.15 -9.30

FPL FAR_ROCK_GT2 23815	34.17 2.19 -6.16	26.02 2.02 0.00	23.61 1.79 0.00	22.73 1.60 0.00	22.47 1.59 0.00	23.62 1.83 0.00	26.44 1.87 0.00	28.42 2.30 0.00	34.72 2.51 -5.19	34.75 2.62 -4.57	41.03 3.12 -9.30	42.76 3.54 -8.42	44.24 3.99 -6.43	50.41 4.26 -12.10	74.88 4.43 -36.12	93.88 5.14 -51.74	100.65 5.85 -52.70	95.30 6.57 -40.45	77.20 6.00 -25.39	104.79 5.62 -57.49	56.38 5.41 -11.82	56.35 4.41 -16.34	43.01 3.82 -5.05	42.22 3.15 -9.30
FRANKLIN_FALL_HYD 24054	25.65 -0.15 0.00	23.88 -0.12 0.00	21.71 -0.11 0.00	21.21 0.08 0.00	20.99 0.10 0.00	21.70 -0.09 0.00	24.65 0.07 0.00	26.20 0.08 0.00	27.04 0.03 0.00	27.67 0.11 0.00	28.78 0.17 0.00	30.92 0.12 0.00	33.78 -0.03 0.00	33.68 -0.37 0.00	33.48 -0.86 0.00	35.78 -1.22 0.00	40.88 -1.22 0.00	47.07 -1.21 0.00	44.39 -1.42 0.00	40.63 -1.04 0.00	37.94 -1.21 0.01	29.48 -1.21 4.91	32.96 -1.16 0.01	28.78 -0.98 0.01
FREEPORT_EQUS_GT1 23764	34.01 2.04 -6.16	25.87 1.87 0.00	23.48 1.66 0.00	22.60 1.48 0.00	22.35 1.46 0.00	23.51 1.72 0.00	26.30 1.72 0.00	28.29 2.17 0.00	34.59 2.38 -5.19	34.58 2.45 -4.57	40.83 2.92 -9.30	42.48 3.26 -8.42	43.94 3.69 -6.43	50.07 3.92 -12.10	74.67 4.22 -36.12	93.51 4.77 -51.74	100.32 5.51 -52.70	94.87 6.13 -40.45	76.79 5.59 -25.39	104.04 4.87 -57.49	55.79 4.82 -11.82	55.82 3.88 -16.34	42.70 3.52 -5.05	41.92 2.86 -9.29
FREEPORT___CT2 23818	34.01 2.04 -6.16	25.87 1.87 0.00	23.48 1.66 0.00	22.60 1.48 0.00	22.35 1.46 0.00	23.51 1.72 0.00	26.30 1.72 0.00	28.29 2.17 0.00	34.59 2.38 -5.19	34.58 2.45 -4.57	40.83 2.92 -9.30	42.48 3.26 -8.42	43.94 3.69 -6.43	50.07 3.92 -12.10	74.67 4.22 -36.12	93.51 4.77 -51.74	100.32 5.51 -52.70	94.87 6.13 -40.45	76.79 5.59 -25.39	104.04 4.87 -57.49	55.79 4.82 -11.82	55.82 3.88 -16.34	42.70 3.52 -5.05	41.92 2.86 -9.29
FRESHKLS_33_KV_LOAD 356253	27.51 1.70 0.00	25.56 1.56 0.00	23.17 1.35 0.00	22.48 1.35 0.00	22.18 1.29 0.00	23.06 1.26 0.00	25.93 1.35 0.00	27.86 1.75 0.01	28.90 1.89 0.01	29.71 2.15 0.00	36.82 2.63 -5.57	41.25 2.86 -7.59	50.26 3.31 -13.13	53.16 3.51 -15.59	47.21 3.95 -8.93	107.25 4.70 -65.55	80.05 5.39 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.48 4.67 -30.14	91.25 4.54 -47.54	52.36 3.49 -13.27	50.73 3.04 -13.56	32.22 2.44 -0.02
FULTON COGEN____ 23766	25.58 -0.23 0.00	23.71 -0.29 0.00	21.56 -0.26 0.00	20.81 -0.32 0.00	20.61 -0.27 0.00	21.53 -0.26 0.00	24.33 -0.25 0.00	25.81 -0.31 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.16 -0.46 0.00	30.33 -0.46 0.00	33.28 -0.54 0.00	33.68 -0.37 0.00	34.03 -0.31 0.00	37.01 -0.30 -0.30	42.87 -0.38 -1.15	49.26 -0.48 -1.47	48.21 -0.46 -2.86	43.17 -0.33 -1.83	39.79 -0.27 -0.90	35.39 -0.21 0.00	33.86 -0.27 0.00	29.41 -0.36 0.00
FULTON___LFGE 323630	28.52 2.71 0.00	26.42 2.42 0.00	23.85 2.03 0.00	23.07 1.94 0.00	22.81 1.92 0.00	23.91 2.11 0.00	26.91 2.34 0.00	28.45 2.32 0.00	29.36 2.35 0.00	29.83 2.26 0.00	31.10 2.49 0.00	33.35 2.68 0.12	37.06 3.25 0.00	37.30 3.48 0.24	37.88 3.81 0.26	40.92 4.07 0.15	46.64 4.67 0.13	54.70 6.42 0.00	52.68 6.87 0.00	47.92 6.25 0.00	45.35 6.19 0.00	40.83 5.23 0.00	38.60 4.47 0.00	33.28 3.51 0.00
G.F.CEMENT___DRP 24184	27.07 1.26 0.00	25.20 1.20 0.00	22.83 1.00 0.00	22.03 0.91 0.00	21.81 0.92 0.00	22.84 1.05 0.00	25.73 1.16 0.00	27.22 1.10 0.00	28.15 1.13 0.00	28.64 1.08 0.00	29.59 0.97 0.00	31.74 1.14 0.19	35.17 1.35 0.00	35.02 1.36 0.40	35.51 1.61 0.44	38.63 1.89 0.25	44.02 2.15 0.22	51.23 2.95 0.00	49.20 3.39 0.00	44.76 3.08 0.00	42.33 3.17 0.00	38.13 2.53 0.00	36.21 2.08 0.00	31.49 1.73 0.00
GARDENVILLE___LBMP 24039	25.58 -0.23 0.00	23.04 -0.96 0.00	21.01 -0.81 0.00	20.13 -0.99 0.00	20.05 -0.84 0.00	21.03 -0.76 0.00	23.67 -0.91 0.00	25.21 -0.91 0.00	26.37 -0.65 0.00	26.96 -0.61 0.00	28.21 -0.40 0.00	30.27 -0.52 0.00	32.91 -0.91 0.00	33.72 -0.34 0.00	33.99 -0.34 0.00	36.26 -0.74 0.00	40.84 -1.26 0.00	46.11 -2.17 0.00	43.48 -2.34 0.00	39.92 -1.75 0.00	38.06 -1.10 0.00	35.21 -0.39 0.00	33.89 -0.24 0.00	29.62 -0.15 0.00
GARDNVLA_35_KV_LD 355827	25.71 -0.10 0.00	23.14 -0.86 0.00	21.10 -0.72 0.00	20.22 -0.91 0.00	20.13 -0.75 0.00	21.12 -0.68 0.00	23.79 -0.79 0.00	25.34 -0.78 0.00	26.53 -0.49 0.00	27.10 -0.47 0.00	28.38 -0.23 0.00	30.45 -0.34 0.00	33.11 -0.71 0.00	33.92 -0.14 0.00	34.23 -0.10 0.00	36.52 -0.48 0.00	41.13 -0.97 0.00	46.40 -1.88 0.00	43.80 -2.02 -0.01	40.21 -1.46 0.00	38.34 -0.82 0.00	35.46 -0.14 0.00	34.13 0.00 0.00	29.83 0.06 0.00
GELCKHM___115KV_LOAD 80723	25.63 -0.18 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.85 -0.27 0.00	20.66 -0.23 0.00	21.57 -0.22 0.00	24.38 -0.20 0.00	25.89 -0.24 0.00	26.80 -0.22 0.00	27.34 -0.22 0.00	28.30 -0.31 0.00	30.45 -0.34 0.00	33.45 -0.37 0.00	33.85 -0.20 0.00	34.20 -0.14 0.00	37.00 -0.11 -0.11	42.35 -0.17 -0.42	48.57 -0.24 -0.53	46.57 -0.27 -1.04	42.13 -0.21 -0.66	39.37 -0.12 -0.33	35.53 -0.07 0.00	33.99 -0.14 0.00	29.53 -0.24 0.00
GENERAL___MILLS 23808	25.65 -0.15 0.00	23.11 -0.89 0.00	21.08 -0.74 0.00	20.19 -0.93 0.00	20.09 -0.79 0.00	21.07 -0.72 0.00	23.74 -0.84 0.00	25.29 -0.84 0.00	26.45 -0.57 0.00	27.04 -0.52 0.00	28.30 -0.31 0.00	30.36 -0.43 0.00	33.04 -0.78 0.00	33.82 -0.24 0.00	34.09 -0.24 0.00	36.37 -0.63 0.00	41.01 -1.09 0.00	46.26 -2.03 -0.01	43.66 -2.15 -0.01	40.09 -1.58 0.00	38.18 -0.98 0.00	35.35 -0.25 0.00	33.99 -0.14 0.00	29.74 -0.03 0.00
GE_PLASTICS___DRP 24183	26.27 0.46 0.00	24.50 0.50 0.00	22.28 0.46 0.00	21.53 0.40 0.00	21.26 0.38 0.00	22.21 0.41 0.00	24.97 0.39 0.00	26.54 0.42 0.00	27.42 0.41 0.00	27.90 0.33 0.00	29.01 0.40 0.00	30.97 0.31 0.13	34.12 0.30 0.00	34.28 0.48 0.26	34.70 0.65 0.29	37.76 0.92 0.16	43.05 1.09 0.15	49.59 1.30 0.00	47.14 1.33 0.00	42.84 1.17 0.00	40.26 1.10 0.00	36.52 0.93 0.00	34.81 0.68 0.00	30.42 0.65 0.00
GILBOA___1 23756	26.38 0.57 0.00	24.58 0.58 0.00	22.34 0.52 0.00	21.59 0.46 0.00	21.35 0.46 0.00	22.31 0.52 0.00	25.09 0.52 0.00	26.70 0.57 0.00	27.64 0.62 0.00	28.17 0.61 0.00	29.36 0.74 0.00	31.59 0.80 0.00	34.76 0.95 0.00	35.15 1.09 0.00	35.64 1.30 0.00	38.59 1.59 0.00	43.95 1.85 0.00	50.40 2.12 0.00	47.83 2.01 0.00	43.42 1.75 0.00	40.84 1.68 0.00	36.88 1.28 0.00	35.19 1.06 0.00	30.63 0.86 0.00
GILBOA___2 23757	26.38 0.57 0.00	24.58 0.58 0.00	22.34 0.52 0.00	21.59 0.46 0.00	21.35 0.46 0.00	22.31 0.52 0.00	25.09 0.52 0.00	26.70 0.57 0.00	27.64 0.62 0.00	28.17 0.61 0.00	29.36 0.74 0.00	31.59 0.80 0.00	34.76 0.95 0.00	35.15 1.09 0.00	35.64 1.30 0.00	38.59 1.59 0.00	43.95 1.85 0.00	50.40 2.12 0.00	47.83 2.01 0.00	43.42 1.75 0.00	40.84 1.68 0.00	36.88 1.28 0.00	35.19 1.06 0.00	30.63 0.86 0.00

GILBOA___3 23758	26.38 0.57 0.00	24.58 0.58 0.00	22.34 0.52 0.00	21.59 0.46 0.00	21.35 0.46 0.00	22.31 0.52 0.00	25.09 0.52 0.00	26.70 0.57 0.00	27.64 0.62 0.00	28.17 0.61 0.00	29.36 0.74 0.00	31.59 0.80 0.00	34.76 0.95 0.00	35.15 1.09 0.00	35.64 1.30 0.00	38.59 1.59 0.00	43.95 1.85 0.00	50.40 2.12 0.00	47.83 2.01 0.00	43.42 1.75 0.00	40.84 1.68 0.00	36.88 1.28 0.00	35.19 1.06 0.00	30.63 0.86 0.00
GILBOA___4 23759	26.38 0.57 0.00	24.58 0.58 0.00	22.34 0.52 0.00	21.59 0.46 0.00	21.35 0.46 0.00	22.31 0.52 0.00	25.09 0.52 0.00	26.70 0.57 0.00	27.64 0.62 0.00	28.17 0.61 0.00	29.36 0.74 0.00	31.59 0.80 0.00	34.76 0.95 0.00	35.15 1.09 0.00	35.64 1.30 0.00	38.59 1.59 0.00	43.95 1.85 0.00	50.40 2.12 0.00	47.83 2.01 0.00	43.42 1.75 0.00	40.84 1.68 0.00	36.88 1.28 0.00	35.19 1.06 0.00	30.63 0.86 0.00
GILBOA___ 23599	26.40 0.59 0.00	24.58 0.58 0.00	22.35 0.52 0.00	21.61 0.49 0.00	21.35 0.46 0.00	22.32 0.52 0.00	25.12 0.54 0.00	26.75 0.63 0.00	27.66 0.65 0.00	28.20 0.63 0.00	29.36 0.74 0.00	31.62 0.83 0.00	34.77 0.95 0.00	35.15 1.09 0.00	35.64 1.30 0.00	38.59 1.59 0.00	43.95 1.85 0.00	50.41 2.12 0.00	47.83 2.02 0.00	43.42 1.75 0.00	40.84 1.68 0.00	36.88 1.28 0.00	35.19 1.06 0.00	30.63 0.86 0.00
GINNA___ 23603	24.47 -1.34 0.00	22.34 -1.66 0.00	20.36 -1.46 0.00	19.88 -1.25 0.00	19.67 -1.21 0.00	20.31 -1.48 0.00	23.08 -1.50 0.00	24.74 -1.39 0.00	25.53 -1.49 0.00	26.21 -1.35 0.00	27.04 -1.57 0.00	29.19 -1.60 0.00	31.92 -1.89 0.00	32.39 -1.67 0.00	32.76 -1.58 0.00	35.22 -1.78 0.00	39.91 -2.19 0.00	45.39 -2.90 0.00	42.97 -2.84 0.00	39.38 -2.29 0.00	37.17 -2.00 0.00	34.11 -1.49 0.00	32.60 -1.54 0.00	28.31 -1.46 0.00
GLEN PARK___ 23778	25.83 0.03 0.00	23.95 -0.05 0.00	21.76 -0.07 0.00	21.08 -0.04 0.00	20.84 -0.04 0.00	21.84 0.04 0.00	24.77 0.20 0.00	26.23 0.10 0.00	26.88 -0.13 0.00	27.45 -0.11 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.41 -0.40 0.00	33.72 -0.34 0.00	33.72 -0.62 0.00	36.51 -0.63 0.00	41.88 -0.76 0.00	48.58 -0.39 0.00	47.24 0.09 -1.34	42.78 0.25 -0.86	39.93 0.35 -0.42	34.79 0.18 0.99	34.10 -0.03 0.00	29.65 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	27.54 1.73 0.00	25.63 1.63 0.00	23.28 1.46 0.00	22.56 1.44 0.00	22.26 1.38 0.00	23.23 1.44 0.00	26.20 1.62 0.00	28.16 2.04 0.00	29.18 2.16 0.00	29.94 2.37 0.00	32.20 2.80 -0.78	39.15 3.08 -5.28	39.17 3.48 -1.87	41.85 3.71 -4.08	44.71 4.09 -6.29	47.55 4.77 -5.78	47.76 5.43 -0.23	54.12 5.84 0.00	51.03 5.22 0.00	46.38 4.71 0.00	43.74 4.58 0.00	39.19 3.60 0.00	37.31 3.17 0.00	32.30 2.53 0.00
GLENWOOD_IC_1_G5 23712	33.96 1.99 -6.16	25.82 1.82 0.00	23.44 1.61 0.00	22.62 1.50 0.00	22.35 1.46 0.00	23.45 1.66 0.00	26.27 1.70 0.00	28.29 2.17 0.00	34.53 2.32 -5.19	34.61 2.48 -4.57	40.80 2.89 -9.30	42.48 3.26 -8.42	43.94 3.69 -6.43	49.97 3.81 -12.10	74.57 4.12 -36.12	93.51 4.77 -51.74	100.28 5.47 -52.70	94.87 6.13 -40.45	76.74 5.54 -25.39	104.00 4.83 -57.49	55.56 4.58 -11.82	55.57 3.63 -16.34	42.59 3.41 -5.05	41.86 2.80 -9.29
GLENWOOD_IC_2_G1 23688	33.88 1.91 -6.16	25.75 1.75 0.00	23.37 1.55 0.00	22.52 1.39 0.00	22.26 1.38 0.00	23.40 1.61 0.00	26.20 1.62 0.00	28.16 2.04 0.00	34.45 2.24 -5.19	34.47 2.34 -4.57	40.69 2.77 -9.30	42.32 3.11 -8.42	43.77 3.52 -6.43	49.90 3.75 -12.10	74.57 4.12 -36.12	93.54 4.81 -51.74	100.27 5.47 -52.70	94.87 6.13 -40.45	76.74 5.54 -25.39	104.00 4.83 -57.49	55.63 4.66 -11.82	55.64 3.70 -16.34	42.49 3.31 -5.05	41.74 2.68 -9.29
GLENWOOD_IC_3_G1 23689	33.88 1.91 -6.16	25.75 1.75 0.00	23.37 1.55 0.00	22.52 1.39 0.00	22.26 1.38 0.00	23.40 1.61 0.00	26.20 1.62 0.00	28.16 2.04 0.00	34.45 2.24 -5.19	34.47 2.34 -4.57	40.69 2.77 -9.30	42.32 3.11 -8.42	43.77 3.52 -6.43	49.90 3.75 -12.10	74.57 4.12 -36.12	93.54 4.81 -51.74	100.27 5.47 -52.70	94.87 6.13 -40.45	76.74 5.54 -25.39	104.00 4.83 -57.49	55.63 4.66 -11.82	55.64 3.70 -16.34	42.49 3.31 -5.05	41.74 2.68 -9.29
GLENWOOD___4 23550	33.96 1.99 -6.16	25.82 1.82 0.00	23.44 1.61 0.00	22.62 1.50 0.00	22.35 1.46 0.00	23.45 1.66 0.00	26.27 1.70 0.00	28.29 2.17 0.00	34.53 2.32 -5.19	34.61 2.48 -4.57	40.80 2.89 -9.30	42.48 3.26 -8.42	43.94 3.69 -6.43	50.00 3.85 -12.10	74.67 4.22 -36.12	93.62 4.88 -51.74	100.40 5.60 -52.70	94.96 6.23 -40.45	76.84 5.63 -25.39	104.08 4.92 -57.49	55.68 4.70 -11.82	55.67 3.74 -16.34	42.59 3.41 -5.05	41.86 2.80 -9.29
GLENWOOD___5 23614	33.96 1.99 -6.16	25.82 1.82 0.00	23.44 1.61 0.00	22.62 1.50 0.00	22.35 1.46 0.00	23.45 1.66 0.00	26.27 1.70 0.00	28.29 2.17 0.00	34.53 2.32 -5.19	34.61 2.48 -4.57	40.80 2.89 -9.30	42.48 3.26 -8.42	43.94 3.69 -6.43	50.00 3.85 -12.10	74.67 4.22 -36.12	93.62 4.88 -51.74	100.40 5.60 -52.70	94.96 6.23 -40.45	76.84 5.63 -25.39	104.08 4.92 -57.49	55.68 4.70 -11.82	55.67 3.74 -16.34	42.59 3.41 -5.05	41.86 2.80 -9.29
GLOBAL GREEN_PORT_GT1 23814	34.37 2.40 -6.16	26.21 2.21 0.00	23.90 2.07 0.00	22.94 1.82 0.00	22.72 1.84 0.00	24.10 2.31 0.00	26.76 2.19 0.00	28.97 2.85 0.00	35.39 3.19 -5.19	35.44 3.31 -4.57	41.95 4.04 -9.30	43.93 4.71 -8.42	45.53 5.27 -6.43	68.50 5.62 -28.82	76.56 6.11 -36.12	95.63 6.88 -51.75	141.31 7.91 -91.30	206.91 9.18 -149.45	145.94 8.43 -91.70	134.95 7.25 -86.02	57.64 6.66 -11.83	57.49 5.55 -16.34	43.92 4.74 -5.05	43.05 3.99 -9.29
GLOBE___DSASP 323697	24.60 -1.21 0.00	22.15 -1.85 0.00	20.21 -1.61 0.00	19.33 -1.80 0.00	19.26 -1.63 0.00	20.20 -1.59 0.00	22.91 -1.67 0.00	24.19 -1.93 0.00	25.34 -1.67 0.00	25.86 -1.71 0.00	27.01 -1.60 0.00	28.94 -1.85 0.00	31.42 -2.40 0.00	32.15 -1.91 0.00	32.34 -1.99 0.00	34.48 -2.52 0.00	38.86 -3.24 0.00	43.67 -4.59 0.02	41.25 -4.54 0.02	37.92 -3.75 0.00	36.34 -2.82 0.00	33.78 -1.82 0.00	32.60 -1.54 0.00	28.55 -1.22 0.00
GOETHSLN___LBMP 323567	27.25 1.45 0.00	25.37 1.37 0.00	23.09 1.27 0.00	22.33 1.20 0.00	22.06 1.17 0.00	23.08 1.29 0.00	25.95 1.38 0.00	27.90 1.78 0.00	28.88 1.86 0.00	29.63 2.07 0.00	31.05 2.43 0.00	38.60 2.68 -5.13	36.88 3.04 -0.02	39.59 3.27 -2.26	44.08 3.64 -6.11	46.83 4.22 -5.62	47.17 4.84 -0.23	53.50 5.21 0.00	50.44 4.63 0.00	45.80 4.13 0.00	43.16 3.99 0.00	38.70 3.10 0.00	36.86 2.73 0.00	31.94 2.17 0.00
GOLAH___69_KV_TB 1_2 80279	25.60 -0.21 0.00	23.30 -0.70 0.00	21.21 -0.61 0.00	20.36 -0.76 0.00	20.22 -0.67 0.00	21.20 -0.59 0.00	23.96 -0.61 0.00	25.55 -0.57 0.00	26.61 -0.41 0.00	27.12 -0.44 0.00	28.24 -0.37 0.00	30.39 -0.40 0.00	33.18 -0.64 0.00	33.79 -0.27 0.00	34.16 -0.17 0.00	36.67 -0.33 0.00	41.38 -0.72 0.00	46.93 -1.35 0.00	44.44 -1.37 0.00	40.76 -0.92 0.00	38.73 -0.43 0.00	35.63 0.04 0.00	34.17 0.03 0.00	29.83 0.06 0.00

GOODYEAR_LAKE_HYD 323669	26.79 0.98 0.00	24.84 0.84 0.00	22.56 0.74 0.00	21.78 0.65 0.00	21.53 0.65 0.00	22.58 0.78 0.00	25.44 0.86 0.00	27.06 0.94 0.00	27.96 0.95 0.00	28.58 1.02 0.00	29.73 1.12 0.00	31.99 1.20 0.00	35.20 1.39 0.00	35.66 1.60 0.00	36.19 1.85 0.00	39.14 2.15 0.00	44.54 2.44 0.00	51.28 2.99 0.00	48.79 2.98 0.00	44.34 2.67 0.00	41.78 2.62 0.00	37.73 2.14 0.00	35.94 1.81 0.00	31.23 1.46 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.07 0.26 0.00	24.02 0.02 0.00	21.84 0.02 0.00	21.08 -0.04 0.00	20.89 0.00 0.00	21.84 0.04 0.00	24.65 0.07 0.00	26.25 0.13 0.00	27.31 0.30 0.00	27.90 0.33 0.00	28.98 0.37 0.00	31.19 0.40 0.00	34.22 0.41 0.00	34.71 0.65 0.00	35.09 0.76 0.00	37.95 0.89 -0.06	43.27 0.93 -0.24	49.61 1.01 -0.31	47.29 0.87 -0.61	42.94 0.88 -0.39	40.25 0.90 -0.19	36.45 0.85 0.00	34.85 0.72 0.00	30.27 0.51 0.00
GOUDEY___7 23579	26.09 0.28 0.00	24.05 0.05 0.00	21.87 0.04 0.00	21.10 -0.02 0.00	20.91 0.02 0.00	21.86 0.07 0.00	24.67 0.10 0.00	26.28 0.16 0.00	27.34 0.32 0.00	27.92 0.36 0.00	29.01 0.40 0.00	31.22 0.43 0.00	34.26 0.44 0.00	34.74 0.68 0.00	35.16 0.82 0.00	37.99 0.92 -0.06	43.35 1.01 -0.24	49.65 1.06 -0.31	47.33 0.92 -0.61	42.98 0.92 -0.39	40.29 0.94 -0.19	36.49 0.89 0.00	34.88 0.75 0.00	30.30 0.54 0.00
GOUDEY___8 23580	26.07 0.26 0.00	24.02 0.02 0.00	21.84 0.02 0.00	21.08 -0.04 0.00	20.89 0.00 0.00	21.84 0.04 0.00	24.65 0.07 0.00	26.25 0.13 0.00	27.31 0.30 0.00	27.90 0.33 0.00	28.98 0.37 0.00	31.19 0.40 0.00	34.22 0.41 0.00	34.71 0.65 0.00	35.09 0.76 0.00	37.95 0.89 -0.06	43.27 0.93 -0.24	49.61 1.01 -0.31	47.29 0.87 -0.61	42.94 0.88 -0.39	40.25 0.90 -0.19	36.45 0.85 0.00	34.85 0.72 0.00	30.27 0.51 0.00
GOWANUS_GT1_1 24077	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT1_2 24078	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT1_3 24079	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT1_4 24080	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT1_5 24084	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT1_6 24111	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT1_7 24112	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT1_8 24113	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT2_1 24114	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT2_2 24115	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT2_3 24116	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02

GOWANUS_GT2_4 24117	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT2_5 24118	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT2_6 24119	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT2_7 24120	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT2_8 24121	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_1 24122	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_2 24123	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_3 24124	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_4 24125	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_5 24126	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_6 24127	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_7 24128	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT3_8 24129	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT4_1 24130	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT4_2 24131	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02

GOWANUS_GT4_3 24132	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT4_4 24133	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT4_5 24134	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT4_6 24135	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT4_7 24136	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GOWANUS_GT4_8 24137	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GREENBSH_115KV_TB3 55895	26.30 0.49 0.00	24.55 0.55 0.00	22.32 0.50 0.00	21.57 0.44 0.00	21.28 0.40 0.00	22.25 0.46 0.00	24.99 0.42 0.00	26.54 0.42 0.00	27.42 0.41 0.00	27.90 0.33 0.00	29.01 0.40 0.00	31.02 0.40 0.17	34.22 0.41 0.00	34.25 0.54 0.35	34.70 0.76 0.39	37.81 1.04 0.22	43.08 1.18 0.20	49.78 1.50 0.00	47.32 1.51 0.00	43.01 1.33 0.00	40.41 1.25 0.00	36.56 0.96 0.00	34.81 0.68 0.00	30.48 0.71 0.00
GREENDGE_115KV_TB5 80291	25.94 0.13 0.00	23.74 -0.26 0.00	21.58 -0.24 0.00	20.76 -0.36 0.00	20.64 -0.25 0.00	21.62 -0.17 0.00	24.50 -0.07 0.00	26.15 0.03 0.00	27.15 0.14 0.00	27.73 0.17 0.00	28.76 0.14 0.00	31.01 0.22 0.00	33.75 -0.07 0.00	34.33 0.27 0.00	34.64 0.31 0.00	37.35 0.30 -0.05	42.42 0.13 -0.20	48.53 0.00 -0.25	46.26 -0.05 -0.49	42.11 0.13 -0.31	39.63 0.31 -0.15	36.17 0.57 0.00	34.54 0.41 0.00	29.89 0.12 0.00
GREENIDGE___3 23582	25.94 0.13 0.00	23.74 -0.26 0.00	21.58 -0.24 0.00	20.76 -0.36 0.00	20.64 -0.25 0.00	21.62 -0.17 0.00	24.50 -0.07 0.00	26.15 0.03 0.00	27.15 0.14 0.00	27.73 0.17 0.00	28.76 0.14 0.00	31.01 0.22 0.00	33.75 -0.07 0.00	34.33 0.27 0.00	34.64 0.31 0.00	37.35 0.30 -0.05	42.42 0.13 -0.20	48.53 0.00 -0.25	46.26 -0.05 -0.49	42.11 0.13 -0.31	39.63 0.31 -0.15	36.17 0.57 0.00	34.54 0.41 0.00	29.89 0.12 0.00
GREENIDGE___4 23583	25.96 0.16 0.00	23.74 -0.26 0.00	21.60 -0.22 0.00	21.06 -0.06 0.00	20.89 0.00 0.00	21.62 -0.18 0.00	24.58 0.00 0.00	26.33 0.21 0.00	27.18 0.16 0.00	27.90 0.33 0.00	28.76 0.14 0.00	31.04 0.25 0.00	33.75 -0.07 0.00	34.33 0.27 0.00	34.64 0.31 0.00	37.27 0.22 -0.05	42.42 0.13 -0.20	48.53 0.00 -0.25	46.26 -0.05 -0.49	42.20 0.21 -0.31	39.63 0.31 -0.15	36.17 0.57 0.00	34.54 0.41 0.00	29.89 0.12 0.00
GREENLWN_69_KV_BK 3 55738	33.65 1.68 -6.16	25.56 1.56 0.00	23.22 1.40 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.23 1.44 0.00	26.00 1.43 0.00	28.03 1.91 0.00	34.23 2.03 -5.19	34.31 2.18 -4.57	40.40 2.49 -9.30	41.86 2.65 -8.42	43.26 3.01 -6.43	47.84 3.27 -10.51	74.16 3.71 -36.12	93.10 4.37 -51.73	91.35 5.01 -44.24	70.42 5.60 -16.54	61.69 5.04 -10.84	97.28 4.38 -51.23	55.12 4.15 -11.81	55.14 3.20 -16.34	41.91 2.73 -5.05	41.26 2.20 -9.29
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
GRISSOM___SOLAR 323813	28.52 2.71 0.00	26.42 2.42 0.00	23.85 2.03 0.00	23.07 1.94 0.00	22.81 1.92 0.00	23.91 2.11 0.00	26.91 2.34 0.00	28.45 2.32 0.00	29.36 2.35 0.00	29.83 2.26 0.00	31.10 2.49 0.00	33.35 2.68 0.12	37.06 3.25 0.00	37.30 3.48 0.24	37.88 3.81 0.26	40.92 4.07 0.15	46.64 4.67 0.13	54.70 6.42 0.00	52.68 6.87 0.00	47.92 6.25 0.00	45.35 6.19 0.00	40.83 5.23 0.00	38.60 4.47 0.00	33.28 3.51 0.00
GROVEVILLE___HYD 323602	27.28 1.47 0.00	25.37 1.37 0.00	23.11 1.29 0.00	22.35 1.23 0.00	22.06 1.17 0.00	23.06 1.26 0.00	25.93 1.35 0.00	27.72 1.59 0.00	28.66 1.65 0.00	29.30 1.74 0.00	30.59 1.97 0.00	33.17 2.22 -0.16	36.42 2.60 0.00	37.28 2.90 -0.32	38.02 3.33 -0.36	41.16 3.96 -0.20	46.91 4.63 -0.18	53.54 5.26 0.00	50.62 4.81 0.00	45.84 4.17 0.00	43.12 3.96 0.00	38.70 3.10 0.00	36.79 2.66 0.00	31.88 2.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.81 0.00 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	20.98 -0.15 0.00	20.78 -0.10 0.00	21.70 -0.09 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.96 -0.05 0.00	27.54 -0.03 0.00	28.47 -0.14 0.00	30.67 -0.12 0.00	33.68 -0.14 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.35 0.18 -0.17	42.91 0.17 -0.64	49.24 0.14 -0.81	47.49 0.09 -1.59	42.81 0.13 -1.02	39.86 0.20 -0.50	35.81 0.21 0.00	34.27 0.14 0.00	29.74 -0.03 0.00

HAMLTNNY_34_KV_TB 80303	25.83 0.03 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	20.98 -0.15 0.00	20.76 -0.13 0.00	21.70 -0.09 0.00	24.55 -0.02 0.00	26.07 -0.05 0.00	26.99 -0.03 0.00	27.54 -0.03 0.00	28.50 -0.11 0.00	30.73 -0.06 0.00	33.72 -0.10 0.00	34.13 0.07 0.00	34.51 0.17 0.00	37.39 0.22 -0.17	42.97 0.21 -0.66	49.31 0.19 -0.83	47.57 0.14 -1.62	42.88 0.17 -1.04	39.95 0.27 -0.51	35.88 0.28 0.00	34.34 0.20 0.00	29.80 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	25.55 -0.26 0.00	23.76 -0.24 0.00	21.58 -0.24 0.00	20.89 -0.23 0.00	20.66 -0.23 0.00	21.62 -0.18 0.00	24.50 -0.07 0.00	25.99 -0.13 0.00	26.75 -0.27 0.00	27.32 -0.25 0.00	28.30 -0.31 0.00	30.42 -0.37 0.00	33.31 -0.51 0.00	33.34 -0.72 0.00	33.17 -1.17 0.00	35.61 -1.44 -0.06	40.76 -1.56 -0.22	47.21 -1.35 -0.28	45.16 -1.19 -0.54	40.93 -1.08 -0.35	38.35 -0.98 -0.17	31.95 -0.85 2.79	33.34 -0.78 0.00	29.17 -0.60 0.00
HARDSCRABBLE_WT_PWR 323673	25.89 0.08 0.00	24.07 0.07 0.00	21.91 0.09 0.00	21.25 0.13 0.00	21.03 0.15 0.00	22.01 0.22 0.00	24.82 0.25 0.00	26.70 0.57 0.00	27.66 0.65 0.00	28.34 0.77 0.00	29.39 0.77 0.00	31.59 0.80 0.00	34.76 0.95 0.00	35.08 1.02 0.00	35.43 1.10 0.00	38.33 1.33 0.00	43.02 0.93 0.00	49.49 1.21 0.00	47.00 1.19 0.00	42.67 1.00 0.00	40.06 0.90 0.00	36.54 0.67 -0.26	34.57 0.44 0.00	30.13 0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.13 1.32 0.00	25.22 1.22 0.00	22.93 1.11 0.00	22.18 1.06 0.00	21.91 1.02 0.00	22.90 1.11 0.00	25.76 1.18 0.00	27.59 1.46 0.00	28.56 1.54 0.00	29.22 1.65 0.00	30.50 1.89 0.00	33.12 2.16 -0.17	36.32 2.50 0.00	37.16 2.76 -0.35	37.91 3.19 -0.38	40.99 3.77 -0.22	46.71 4.42 -0.19	53.30 5.02 0.00	50.30 4.49 0.00	45.55 3.88 0.00	42.88 3.72 0.00	38.48 2.88 0.00	36.59 2.46 0.00	31.73 1.96 0.00
HARSNRAD_115KV_TB1 81005	25.27 -0.54 0.00	22.75 -1.25 0.00	20.77 -1.05 0.00	19.88 -1.25 0.00	19.80 -1.09 0.00	20.77 -1.02 0.00	23.32 -1.25 0.00	24.82 -1.31 0.00	25.99 -1.03 0.00	26.49 -1.08 0.00	27.73 -0.89 0.00	29.75 -1.05 0.00	32.30 -1.52 0.00	33.07 -0.99 0.00	33.30 -1.03 0.00	35.52 -1.48 0.00	40.04 -2.06 0.00	45.10 -3.19 -0.01	42.61 -3.21 -0.01	39.17 -2.50 0.00	37.44 -1.72 0.00	34.71 -0.89 0.00	33.45 -0.68 0.00	29.29 -0.48 0.00
HARZA MOOSE___RIVER 24016	26.25 0.44 0.00	24.36 0.36 0.00	22.13 0.31 0.00	21.44 0.32 0.00	21.20 0.31 0.00	22.16 0.37 0.00	25.09 0.52 0.00	26.62 0.50 0.00	27.42 0.41 0.00	28.01 0.44 0.00	28.98 0.37 0.00	31.19 0.40 0.00	34.26 0.44 0.00	34.57 0.51 0.00	34.68 0.34 0.00	37.46 0.41 -0.05	42.79 0.51 -0.19	49.54 1.01 -0.24	47.47 1.19 -0.47	42.89 0.92 -0.30	40.21 0.90 -0.15	35.73 0.71 0.58	34.61 0.48 0.00	30.15 0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.65 -0.15 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.85 -0.27 0.00	20.66 -0.23 0.00	21.57 -0.22 0.00	24.40 -0.17 0.00	25.91 -0.21 0.00	26.83 -0.19 0.00	27.37 -0.19 0.00	28.33 -0.29 0.00	30.51 -0.28 0.00	33.48 -0.34 0.00	33.89 -0.17 0.00	34.27 -0.07 0.00	37.05 -0.04 -0.09	42.28 -0.17 -0.35	48.49 -0.24 -0.45	46.41 -0.27 -0.87	42.02 -0.21 -0.56	39.32 -0.12 -0.28	35.56 -0.04 0.00	34.03 -0.10 0.00	29.56 -0.21 0.00
HELLGATE_13_KV_LD 55870	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.00 2.60 -0.78	38.94 2.86 -5.28	38.93 3.25 -1.87	41.61 3.47 -4.08	44.47 3.85 -6.29	47.26 4.48 -5.78	47.42 5.09 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.05 4.38 0.00	43.43 4.27 0.00	38.95 3.35 0.00	37.07 2.94 0.00	32.09 2.32 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	32.00 2.60 -0.78	38.94 2.86 -5.28	38.93 3.25 -1.87	41.61 3.47 -4.08	44.47 3.85 -6.29	47.26 4.48 -5.78	47.42 5.09 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.05 4.38 0.00	43.43 4.27 0.00	38.95 3.35 0.00	37.07 2.94 0.00	32.09 2.32 0.00
HEMPSTEAD____ 23647	33.81 1.83 -6.16	25.70 1.70 0.00	23.33 1.50 0.00	22.46 1.33 0.00	22.20 1.32 0.00	23.36 1.57 0.00	26.13 1.55 0.00	28.11 1.98 0.00	34.39 2.19 -5.19	34.42 2.29 -4.57	40.63 2.72 -9.30	42.26 3.05 -8.42	43.70 3.45 -6.43	49.80 3.65 -12.10	74.47 4.02 -36.12	93.40 4.66 -51.74	100.15 5.35 -52.70	94.72 5.99 -40.45	76.60 5.40 -25.39	103.83 4.67 -57.49	55.52 4.54 -11.82	55.53 3.59 -16.34	42.39 3.21 -5.05	41.68 2.62 -9.29
HEWLETT_69_KV_BK3 55828	34.04 2.06 -6.16	25.90 1.90 0.00	23.52 1.70 0.00	22.69 1.56 0.00	22.41 1.52 0.00	23.54 1.74 0.00	26.37 1.79 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.67 2.54 -4.57	40.86 2.95 -9.30	42.54 3.33 -8.42	44.01 3.75 -6.43	50.18 4.02 -12.10	74.74 4.29 -36.12	93.73 4.99 -51.74	100.49 5.68 -52.70	95.06 6.32 -40.45	77.02 5.82 -25.39	104.50 5.33 -57.49	56.07 5.09 -11.82	56.07 4.13 -16.34	42.76 3.58 -5.05	42.01 2.95 -9.29
HICKLING___1 23621	26.04 0.23 0.00	23.78 -0.22 0.00	21.65 -0.17 0.00	20.85 -0.27 0.00	20.70 -0.19 0.00	21.66 -0.13 0.00	24.50 -0.07 0.00	26.15 0.03 0.00	27.29 0.27 0.00	27.90 0.33 0.00	29.04 0.43 0.00	31.25 0.46 0.00	34.19 0.37 0.00	34.77 0.72 0.00	35.12 0.79 -0.05	37.90 0.85 -0.20	43.10 0.80 -0.20	49.31 0.77 -0.26	46.86 0.55 -0.50	42.66 0.67 -0.32	40.10 0.78 -0.16	36.49 0.89 0.00	34.88 0.75 0.00	30.27 0.51 0.00
HICKLING___2 23622	26.04 0.23 0.00	23.78 -0.22 0.00	21.65 -0.17 0.00	20.85 -0.27 0.00	20.70 -0.19 0.00	21.66 -0.13 0.00	24.50 -0.07 0.00	26.15 0.03 0.00	27.29 0.27 0.00	27.90 0.33 0.00	29.04 0.43 0.00	31.25 0.46 0.00	34.19 0.37 0.00	34.77 0.72 0.00	35.12 0.79 -0.05	37.90 0.85 -0.20	43.10 0.80 -0.20	49.31 0.77 -0.26	46.86 0.55 -0.50	42.66 0.67 -0.32	40.10 0.78 -0.16	36.49 0.89 0.00	34.88 0.75 0.00	30.27 0.51 0.00
HIGH FALLS___HY 23754	27.18 1.37 0.00	25.22 1.22 0.00	22.98 1.16 0.00	22.24 1.12 0.00	21.95 1.07 0.00	22.95 1.15 0.00	25.81 1.23 0.00	27.64 1.52 0.00	28.58 1.57 0.00	29.25 1.68 0.00	30.53 1.92 0.00	33.11 2.22 -0.10	36.39 2.57 0.00	36.91 2.66 -0.20	37.68 3.12 -0.22	40.86 3.74 -0.12	46.67 4.46 -0.11	53.35 5.07 0.00	50.39 4.58 0.00	45.59 3.92 0.00	42.92 3.76 0.00	38.70 3.10 0.00	36.79 2.66 0.00	31.82 2.05 0.00
HIGH_RIVER___SOLAR 323847	26.76 0.95 0.00	24.91 0.91 0.00	22.61 0.79 0.00	21.86 0.74 0.00	21.60 0.71 0.00	22.60 0.81 0.00	25.44 0.86 0.00	26.98 0.86 0.00	27.88 0.86 0.00	28.39 0.83 0.00	29.50 0.89 0.00	31.63 0.99 0.14	34.97 1.15 0.00	35.06 1.29 0.29	35.52 1.51 0.32	38.59 1.78 0.19	43.96 2.02 0.16	50.84 2.56 0.00	48.47 2.66 0.00	44.09 2.42 0.00	41.55 2.39 0.00	37.52 1.92 0.00	35.74 1.60 0.00	31.08 1.31 0.00

HILLBURN___GT 23639	27.10 1.29 0.00	25.22 1.22 0.00	22.93 1.11 0.00	22.12 0.99 0.00	21.87 0.98 0.00	22.90 1.11 0.00	25.76 1.18 0.00	27.56 1.44 0.00	28.61 1.59 0.00	29.22 1.65 0.00	30.64 2.03 0.00	33.21 2.25 -0.17	36.42 2.60 0.00	37.24 2.83 -0.36	37.96 3.23 -0.40	41.07 3.85 -0.23	46.72 4.42 -0.20	53.26 4.97 0.00	50.30 4.49 0.00	45.50 3.83 0.00	42.88 3.72 0.00	38.45 2.85 0.00	36.59 2.46 0.00	31.73 1.96 0.00
HILLSIDE_115KV_TB1 80332	25.71 -0.10 0.00	23.52 -0.48 0.00	21.41 -0.41 0.00	20.64 -0.49 0.00	20.49 -0.40 0.00	21.42 -0.37 0.00	24.18 -0.39 0.00	25.81 -0.31 0.00	26.93 -0.08 0.00	27.54 -0.03 0.00	28.67 0.06 0.00	30.85 0.06 0.00	33.75 -0.07 0.00	34.33 0.27 0.00	34.71 0.38 0.00	37.42 0.37 -0.06	42.61 0.29 -0.21	48.74 0.19 -0.27	46.33 0.00 -0.52	42.13 0.13 -0.33	39.60 0.27 -0.16	35.99 0.39 0.00	34.44 0.31 0.00	29.92 0.15 0.00
HISHELDN_WT_PWR 323625	25.58 -0.23 0.00	23.09 -0.91 0.00	21.08 -0.74 0.00	20.76 -0.36 0.00	20.57 -0.31 0.00	21.03 -0.76 0.00	23.86 -0.71 0.00	25.63 -0.50 0.00	26.48 -0.54 0.00	27.37 -0.19 0.00	28.21 -0.40 0.00	30.33 -0.46 0.00	32.94 -0.88 0.00	33.65 -0.41 0.00	33.92 -0.41 0.00	36.22 -0.78 0.00	40.92 -1.18 0.00	46.26 -2.03 0.00	43.71 -2.11 0.00	40.30 -1.37 0.00	38.14 -1.02 0.00	35.17 -0.43 0.00	33.72 -0.41 0.00	29.44 -0.33 0.00
HOLTSVILLE_IC_1 23690	34.04 2.07 -6.16	25.92 1.92 0.00	23.55 1.72 0.00	22.62 1.50 0.00	22.37 1.48 0.00	23.62 1.83 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.61 2.48 -4.57	40.75 2.83 -9.30	42.32 3.11 -8.42	43.74 3.48 -6.43	66.48 3.75 -28.68	74.53 4.08 -36.12	93.55 4.81 -51.75	138.12 5.51 -90.50	201.68 6.18 -147.21	141.79 5.63 -90.34	131.99 4.87 -85.44	55.72 4.74 -11.83	55.71 3.77 -16.34	42.56 3.38 -5.05	41.89 2.83 -9.29
HOLTSVILLE_IC_10 23699	34.17 2.19 -6.16	26.02 2.02 0.00	23.65 1.83 0.00	22.69 1.56 0.00	22.45 1.57 0.00	23.71 1.92 0.00	26.42 1.84 0.00	28.47 2.35 0.00	34.75 2.54 -5.19	34.75 2.62 -4.57	40.94 3.03 -9.30	42.57 3.36 -8.42	44.04 3.79 -6.43	67.41 4.05 -29.30	74.88 4.43 -36.12	93.89 5.14 -51.75	141.47 5.89 -93.47	210.54 6.67 -155.59	147.30 6.05 -95.44	134.56 5.25 -87.63	56.08 5.09 -11.83	56.03 4.09 -16.34	42.83 3.65 -5.05	42.10 3.04 -9.29
HOLTSVILLE_IC_2 23691	34.04 2.07 -6.16	25.92 1.92 0.00	23.55 1.72 0.00	22.62 1.50 0.00	22.37 1.48 0.00	23.62 1.83 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.61 2.48 -4.57	40.75 2.83 -9.30	42.32 3.11 -8.42	43.74 3.48 -6.43	66.48 3.75 -28.68	74.53 4.08 -36.12	93.55 4.81 -51.75	138.12 5.51 -90.50	201.68 6.18 -147.21	141.79 5.63 -90.34	131.99 4.87 -85.44	55.72 4.74 -11.83	55.71 3.77 -16.34	42.56 3.38 -5.05	41.89 2.83 -9.29
HOLTSVILLE_IC_3 23692	34.04 2.07 -6.16	25.92 1.92 0.00	23.55 1.72 0.00	22.62 1.50 0.00	22.37 1.48 0.00	23.62 1.83 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.61 2.48 -4.57	40.75 2.83 -9.30	42.32 3.11 -8.42	43.74 3.48 -6.43	66.48 3.75 -28.68	74.53 4.08 -36.12	93.55 4.81 -51.75	138.12 5.51 -90.50	201.68 6.18 -147.21	141.79 5.63 -90.34	131.99 4.87 -85.44	55.72 4.74 -11.83	55.71 3.77 -16.34	42.56 3.38 -5.05	41.89 2.83 -9.29
HOLTSVILLE_IC_4 23693	34.04 2.07 -6.16	25.92 1.92 0.00	23.55 1.72 0.00	22.62 1.50 0.00	22.37 1.48 0.00	23.62 1.83 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.61 2.48 -4.57	40.75 2.83 -9.30	42.32 3.11 -8.42	43.74 3.48 -6.43	66.48 3.75 -28.68	74.53 4.08 -36.12	93.55 4.81 -51.75	138.12 5.51 -90.50	201.68 6.18 -147.21	141.79 5.63 -90.34	131.99 4.87 -85.44	55.72 4.74 -11.83	55.71 3.77 -16.34	42.56 3.38 -5.05	41.89 2.83 -9.29
HOLTSVILLE_IC_5 23694	34.04 2.07 -6.16	25.92 1.92 0.00	23.55 1.72 0.00	22.62 1.50 0.00	22.37 1.48 0.00	23.62 1.83 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.61 2.48 -4.57	40.75 2.83 -9.30	42.32 3.11 -8.42	43.74 3.48 -6.43	66.48 3.75 -28.68	74.53 4.08 -36.12	93.55 4.81 -51.75	138.12 5.51 -90.50	201.68 6.18 -147.21	141.79 5.63 -90.34	131.99 4.87 -85.44	55.72 4.74 -11.83	55.71 3.77 -16.34	42.56 3.38 -5.05	41.89 2.83 -9.29
HOLTSVILLE_IC_6 23695	34.17 2.19 -6.16	26.02 2.02 0.00	23.65 1.83 0.00	22.69 1.56 0.00	22.45 1.57 0.00	23.71 1.92 0.00	26.42 1.84 0.00	28.47 2.35 0.00	34.75 2.54 -5.19	34.75 2.62 -4.57	40.94 3.03 -9.30	42.57 3.36 -8.42	44.04 3.79 -6.43	67.41 4.05 -29.30	74.88 4.43 -36.12	93.89 5.14 -51.75	141.47 5.89 -93.47	210.54 6.67 -155.59	147.30 6.05 -95.44	134.56 5.25 -87.63	56.08 5.09 -11.83	56.03 4.09 -16.34	42.83 3.65 -5.05	42.10 3.04 -9.29
HOLTSVILLE_IC_7 23696	34.17 2.19 -6.16	26.02 2.02 0.00	23.65 1.83 0.00	22.69 1.56 0.00	22.45 1.57 0.00	23.71 1.92 0.00	26.42 1.84 0.00	28.47 2.35 0.00	34.75 2.54 -5.19	34.75 2.62 -4.57	40.94 3.03 -9.30	42.57 3.36 -8.42	44.04 3.79 -6.43	67.41 4.05 -29.30	74.88 4.43 -36.12	93.89 5.14 -51.75	141.47 5.89 -93.47	210.54 6.67 -155.59	147.30 6.05 -95.44	134.56 5.25 -87.63	56.08 5.09 -11.83	56.03 4.09 -16.34	42.83 3.65 -5.05	42.10 3.04 -9.29
HOLTSVILLE_IC_8 23697	34.17 2.19 -6.16	26.02 2.02 0.00	23.65 1.83 0.00	22.69 1.56 0.00	22.45 1.57 0.00	23.71 1.92 0.00	26.42 1.84 0.00	28.47 2.35 0.00	34.75 2.54 -5.19	34.75 2.62 -4.57	40.94 3.03 -9.30	42.57 3.36 -8.42	44.04 3.79 -6.43	67.41 4.05 -29.30	74.88 4.43 -36.12	93.89 5.14 -51.75	141.47 5.89 -93.47	210.54 6.67 -155.59	147.30 6.05 -95.44	134.56 5.25 -87.63	56.08 5.09 -11.83	56.03 4.09 -16.34	42.83 3.65 -5.05	42.10 3.04 -9.29
HOLTSVILLE_IC_9 23698	34.17 2.19 -6.16	26.02 2.02 0.00	23.65 1.83 0.00	22.69 1.56 0.00	22.45 1.57 0.00	23.71 1.92 0.00	26.42 1.84 0.00	28.47 2.35 0.00	34.75 2.54 -5.19	34.75 2.62 -4.57	40.94 3.03 -9.30	42.57 3.36 -8.42	44.04 3.79 -6.43	67.41 4.05 -29.30	74.88 4.43 -36.12	93.89 5.14 -51.75	141.47 5.89 -93.47	210.54 6.67 -155.59	147.30 6.05 -95.44	134.56 5.25 -87.63	56.08 5.09 -11.83	56.03 4.09 -16.34	42.83 3.65 -5.05	42.10 3.04 -9.29
HOMER_HL_115KV_TB2 355744	25.76 -0.05 0.00	23.28 -0.72 0.00	21.23 -0.59 0.00	20.38 -0.74 0.00	20.30 -0.58 0.00	21.25 -0.54 0.00	23.91 -0.66 0.00	25.52 -0.60 0.00	26.58 -0.43 0.00	27.23 -0.33 0.00	28.50 -0.11 0.00	30.61 -0.18 0.00	33.34 -0.47 0.00	34.09 0.03 0.00	34.47 0.14 0.00	36.89 -0.11 0.00	41.59 -0.51 0.00	47.27 -1.01 0.00	44.44 -1.37 0.00	40.76 -0.92 0.00	38.61 -0.55 0.00	35.60 0.00 0.00	34.13 0.00 0.00	29.86 0.09 0.00
HOWARD_WT_PWR 323690	25.76 -0.05 0.00	23.52 -0.48 0.00	21.41 -0.42 0.00	20.87 -0.25 0.00	20.74 -0.15 0.00	21.42 -0.37 0.00	24.41 -0.17 0.00	26.28 0.16 0.00	27.23 0.22 0.00	28.06 0.50 0.00	28.96 0.34 0.00	31.19 0.40 0.00	33.95 0.14 0.00	34.64 0.58 0.00	34.92 0.58 0.00	37.52 0.48 -0.04	42.58 0.34 -0.14	48.56 0.10 -0.19	46.08 -0.09 -0.36	42.23 0.33 -0.23	39.71 0.43 -0.11	36.17 0.57 0.00	34.34 0.21 0.00	29.62 -0.15 0.00

HQ_GEN_CEDARS 23644	25.22 -0.59 0.00	23.50 -0.50 0.00	21.36 -0.46 0.00	21.10 -0.02 0.00	20.84 -0.04 0.00	21.33 -0.46 0.00	24.16 -0.42 0.00	25.63 -0.50 0.00	26.45 -0.57 0.00	27.01 -0.55 0.00	28.04 -0.57 0.00	30.18 -0.62 0.00	33.04 -0.78 0.00	32.97 -1.09 0.00	32.86 -1.48 0.00	35.11 -1.89 0.00	40.08 -2.02 0.00	46.06 -2.22 0.00	43.57 -2.24 0.00	39.80 -1.88 0.00	37.27 -1.88 0.01	29.07 -1.53 4.99	32.90 -1.23 0.01	28.81 -0.95 0.01
HQ_GEN_CEDARS_PROXY 323590	25.22 -0.59 0.00	23.49 -0.51 0.00	21.36 -0.46 0.00	20.68 -0.44 0.00	20.43 -0.46 0.00	21.33 -0.46 0.00	24.13 -0.44 0.00	25.63 -0.50 0.00	26.45 -0.57 0.00	26.98 -0.58 0.00	28.04 -0.57 0.00	30.18 -0.62 0.00	33.04 -0.78 0.00	32.97 -1.09 0.00	32.86 -1.48 0.00	35.11 -1.89 0.00	40.08 -2.02 0.00	46.06 -2.22 0.00	43.57 -2.24 0.00	39.76 -1.92 0.00	37.27 -1.88 0.01	29.07 -1.53 4.99	32.86 -1.26 0.01	28.81 -0.95 0.01
HQ_GEN_IMPORT 323601	25.53 -0.28 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.91 -0.21 0.00	20.68 -0.21 0.00	21.57 -0.22 0.00	24.35 -0.22 0.00	25.89 -0.24 0.00	26.75 -0.27 0.00	27.29 -0.28 0.00	28.35 -0.26 0.00	30.51 -0.28 0.00	33.48 -0.34 0.00	33.48 -0.58 0.00	33.51 -0.82 0.00	35.92 -1.07 0.00	40.88 -1.22 0.00	46.88 -1.40 0.00	44.48 -1.33 0.00	40.51 -1.17 0.00	37.99 -1.17 0.00	33.51 -0.89 1.20	33.48 -0.65 0.00	29.32 -0.45 0.00
HQ_GEN_WHEEL 23651	25.53 -0.28 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.91 -0.21 0.00	20.68 -0.21 0.00	21.57 -0.22 0.00	24.35 -0.22 0.00	25.89 -0.24 0.00	26.75 -0.27 0.00	27.29 -0.28 0.00	28.35 -0.26 0.00	30.51 -0.28 0.00	33.48 -0.34 0.00	33.48 -0.58 0.00	33.51 -0.82 0.00	35.92 -1.07 0.00	40.88 -1.22 0.00	46.88 -1.40 0.00	44.48 -1.33 0.00	40.51 -1.17 0.00	37.99 -1.17 0.00	33.51 -0.89 1.20	33.48 -0.65 0.00	29.32 -0.45 0.00
HUDSON_AVE_GT_3 23810	27.43 1.63 0.00	25.51 1.51 0.00	23.20 1.37 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.19 1.39 0.00	26.10 1.52 0.00	28.06 1.93 0.00	29.04 2.03 0.00	29.77 2.21 0.00	31.22 2.60 0.00	38.79 2.86 -5.13	37.08 3.25 -0.02	39.80 3.47 -2.26	44.29 3.85 -6.11	47.13 4.51 -5.62	47.46 5.14 -0.23	53.88 5.60 0.00	50.85 5.04 0.00	46.09 4.42 0.00	43.47 4.31 0.00	38.95 3.35 0.00	37.07 2.94 0.00	32.12 2.35 0.00
HUDSON_AVE_GT_4 23540	27.43 1.63 0.00	25.51 1.51 0.00	23.20 1.37 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.19 1.39 0.00	26.10 1.52 0.00	28.06 1.93 0.00	29.04 2.03 0.00	29.77 2.21 0.00	31.22 2.60 0.00	38.79 2.86 -5.13	37.08 3.25 -0.02	39.80 3.47 -2.26	44.29 3.85 -6.11	47.13 4.51 -5.62	47.46 5.14 -0.23	53.88 5.60 0.00	50.85 5.04 0.00	46.09 4.42 0.00	43.47 4.31 0.00	38.95 3.35 0.00	37.07 2.94 0.00	32.12 2.35 0.00
HUDSON_AVE_GT_5 23657	27.43 1.63 0.00	25.51 1.51 0.00	23.20 1.37 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.19 1.39 0.00	26.10 1.52 0.00	28.06 1.93 0.00	29.04 2.03 0.00	29.77 2.21 0.00	31.22 2.60 0.00	38.79 2.86 -5.13	37.08 3.25 -0.02	39.80 3.47 -2.26	44.29 3.85 -6.11	47.13 4.51 -5.62	47.46 5.14 -0.23	53.88 5.60 0.00	50.85 5.04 0.00	46.09 4.42 0.00	43.47 4.31 0.00	38.95 3.35 0.00	37.07 2.94 0.00	32.12 2.35 0.00
HUDSON_AVE_10 24168	27.36 1.55 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.39 1.27 0.00	22.12 1.23 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	28.99 1.97 0.00	29.71 2.15 0.00	31.16 2.55 0.00	38.75 2.83 -5.13	36.98 3.15 -0.02	39.76 3.44 -2.26	44.26 3.81 -6.11	47.09 4.48 -5.62	47.38 5.05 -0.23	53.79 5.50 0.00	50.76 4.95 0.00	46.01 4.33 0.00	43.39 4.23 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
HUDSON___115KV_TB 4 355613	26.74 0.93 0.00	24.91 0.91 0.00	22.63 0.81 0.00	21.88 0.76 0.00	21.60 0.71 0.00	22.55 0.76 0.00	25.36 0.79 0.00	26.88 0.76 0.00	27.72 0.70 0.00	28.12 0.55 0.00	29.16 0.54 0.00	31.36 0.68 0.11	34.43 0.61 0.00	34.88 1.06 0.23	35.38 1.30 0.26	38.48 1.63 0.15	43.95 1.98 0.13	50.60 2.32 0.00	48.29 2.47 0.00	43.92 2.25 0.00	41.35 2.19 0.00	37.45 1.85 0.00	35.56 1.43 0.00	31.08 1.31 0.00
HUNTER MOUNT___DRP 323613	26.82 1.01 0.00	24.98 0.98 0.00	22.69 0.87 0.00	21.93 0.80 0.00	21.64 0.75 0.00	22.60 0.81 0.00	25.39 0.81 0.00	26.83 0.71 0.00	27.66 0.65 0.00	28.01 0.44 0.00	28.98 0.37 0.00	31.31 0.59 0.07	34.19 0.37 0.00	34.94 1.02 0.14	35.45 1.27 0.16	38.46 1.55 0.09	44.00 1.98 0.08	50.50 2.22 0.00	48.24 2.43 0.00	43.88 2.21 0.00	41.35 2.19 0.00	37.52 1.92 0.00	35.63 1.50 0.00	31.11 1.34 0.00
HUNTINGTON_RES_REC 323705	33.88 1.91 -6.16	25.75 1.75 0.00	23.37 1.55 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.43 1.64 0.00	26.15 1.57 0.00	28.16 2.04 0.00	34.45 2.24 -5.19	34.45 2.32 -4.57	40.66 2.75 -9.30	42.17 2.96 -8.42	43.63 3.38 -6.43	50.31 3.65 -12.61	74.47 4.02 -36.12	93.51 4.74 -51.77	196.03 5.47 -148.46	365.29 6.13 -310.87	241.27 5.54 -189.92	174.71 4.75 -128.29	55.59 4.58 -11.85	55.53 3.59 -16.34	42.36 3.17 -5.05	41.62 2.56 -9.29
HUNTLEY___63 23557	25.42 -0.39 0.00	22.87 -1.13 0.00	20.86 -0.96 0.00	19.96 -1.16 0.00	19.88 -1.00 0.00	20.88 -0.92 0.00	23.52 -1.06 0.00	25.00 -1.12 0.00	26.18 -0.84 0.00	26.74 -0.83 0.00	27.98 -0.63 0.00	30.02 -0.77 0.00	32.63 -1.18 0.00	33.45 -0.61 0.00	33.68 -0.65 0.00	35.89 -1.11 0.00	40.46 -1.64 0.00	45.61 -2.70 -0.03	43.05 -2.79 -0.03	39.55 -2.13 0.00	37.75 -1.41 0.00	34.99 -0.61 0.00	33.72 -0.41 0.00	29.50 -0.27 0.00
HUNTLEY___64 23558	25.42 -0.39 0.00	22.87 -1.13 0.00	20.86 -0.96 0.00	19.96 -1.16 0.00	19.88 -1.00 0.00	20.88 -0.92 0.00	23.52 -1.06 0.00	25.00 -1.12 0.00	26.18 -0.84 0.00	26.74 -0.83 0.00	27.98 -0.63 0.00	30.02 -0.77 0.00	32.63 -1.18 0.00	33.45 -0.61 0.00	33.68 -0.65 0.00	35.89 -1.11 0.00	40.46 -1.64 0.00	45.61 -2.70 -0.03	43.05 -2.79 -0.03	39.55 -2.13 0.00	37.75 -1.41 0.00	34.99 -0.61 0.00	33.72 -0.41 0.00	29.50 -0.27 0.00
HUNTLEY___65 23559	25.42 -0.39 0.00	22.87 -1.13 0.00	20.86 -0.96 0.00	19.96 -1.16 0.00	19.88 -1.00 0.00	20.88 -0.92 0.00	23.52 -1.06 0.00	25.00 -1.12 0.00	26.18 -0.84 0.00	26.74 -0.83 0.00	27.98 -0.63 0.00	30.02 -0.77 0.00	32.63 -1.18 0.00	33.45 -0.61 0.00	33.68 -0.65 0.00	35.89 -1.11 0.00	40.46 -1.64 0.00	45.61 -2.70 -0.03	43.05 -2.79 -0.03	39.55 -2.13 0.00	37.75 -1.41 0.00	34.99 -0.61 0.00	33.72 -0.41 0.00	29.50 -0.27 0.00
HUNTLEY___66 23560	25.42 -0.39 0.00	22.87 -1.13 0.00	20.86 -0.96 0.00	19.96 -1.16 0.00	19.88 -1.00 0.00	20.88 -0.92 0.00	23.52 -1.06 0.00	25.00 -1.12 0.00	26.18 -0.84 0.00	26.74 -0.83 0.00	27.98 -0.63 0.00	30.02 -0.77 0.00	32.63 -1.18 0.00	33.45 -0.61 0.00	33.68 -0.65 0.00	35.89 -1.11 0.00	40.46 -1.64 0.00	45.61 -2.70 -0.03	43.05 -2.79 -0.03	39.55 -2.13 0.00	37.75 -1.41 0.00	34.99 -0.61 0.00	33.72 -0.41 0.00	29.50 -0.27 0.00

HUNTLEY___67 23561	25.29 -0.52 0.00	22.78 -1.22 0.00	20.80 -1.03 0.00	19.90 -1.23 0.00	19.82 -1.07 0.00	20.79 -1.00 0.00	23.42 -1.16 0.00	24.89 -1.23 0.00	26.07 -0.95 0.00	26.60 -0.96 0.00	27.84 -0.77 0.00	29.87 -0.92 0.00	32.43 -1.39 0.00	33.21 -0.85 0.00	33.44 -0.89 0.00	35.67 -1.33 0.00	40.21 -1.89 0.00	45.29 -2.99 0.00	42.74 -3.07 0.00	39.30 -2.38 0.00	37.52 -1.64 0.00	34.78 -0.82 0.00	33.52 -0.61 0.00	29.32 -0.45 0.00
HUNTLEY___68 23562	25.29 -0.52 0.00	22.78 -1.22 0.00	20.80 -1.03 0.00	19.90 -1.23 0.00	19.82 -1.07 0.00	20.79 -1.00 0.00	23.42 -1.16 0.00	24.89 -1.23 0.00	26.07 -0.95 0.00	26.60 -0.96 0.00	27.84 -0.77 0.00	29.87 -0.92 0.00	32.43 -1.39 0.00	33.21 -0.85 0.00	33.44 -0.89 0.00	35.67 -1.33 0.00	40.21 -1.89 0.00	45.29 -2.99 0.00	42.74 -3.07 0.00	39.30 -2.38 0.00	37.52 -1.64 0.00	34.78 -0.82 0.00	33.52 -0.61 0.00	29.32 -0.45 0.00
HYLAND___LFGE 323620	26.58 0.77 0.00	24.10 0.10 0.00	21.98 0.15 0.00	21.48 0.36 0.00	21.30 0.42 0.00	21.95 0.15 0.00	24.99 0.42 0.00	26.78 0.65 0.00	27.31 0.30 0.00	27.76 0.19 0.00	28.47 -0.14 0.00	30.64 -0.15 0.00	33.17 -0.64 0.00	33.62 -0.44 0.00	33.96 -0.38 0.00	36.59 -0.41 0.00	41.68 -0.42 0.00	47.89 -0.39 0.00	46.00 0.18 0.00	43.01 1.33 0.00	40.84 1.68 0.00	37.52 1.92 0.00	35.70 1.57 0.00	30.81 1.04 0.00
INDECK___CORINTH 23802	26.71 0.90 0.00	24.89 0.89 0.00	22.54 0.72 0.00	21.76 0.63 0.00	21.53 0.65 0.00	22.53 0.74 0.00	25.39 0.81 0.00	26.85 0.73 0.00	27.80 0.78 0.00	28.25 0.69 0.00	29.19 0.57 0.00	31.25 0.65 0.19	34.66 0.85 0.00	34.46 0.78 0.38	34.91 1.00 0.42	38.01 1.26 0.24	43.32 1.43 0.21	50.40 2.12 0.00	48.56 2.75 0.00	44.13 2.46 0.00	41.78 2.62 0.00	37.63 2.03 0.00	35.74 1.60 0.00	31.11 1.34 0.00
INDECK___ILION 23567	26.02 0.21 0.00	24.19 0.19 0.00	22.00 0.17 0.00	21.27 0.15 0.00	21.05 0.17 0.00	22.01 0.22 0.00	24.82 0.25 0.00	26.96 0.84 0.00	27.91 0.89 0.00	28.58 1.02 0.00	29.64 1.03 0.00	31.87 1.08 0.00	35.10 1.29 0.00	35.42 1.36 0.00	35.81 1.48 0.00	38.74 1.74 0.00	42.86 0.76 0.00	49.25 0.97 0.00	46.77 0.96 0.00	42.51 0.83 0.00	39.94 0.78 0.00	36.47 0.61 -0.26	34.58 0.44 0.00	30.12 0.36 0.00
INDECK___OLEAN 23982	25.81 0.00 0.00	23.28 -0.72 0.00	21.25 -0.57 0.00	20.81 -0.32 0.00	20.68 -0.21 0.00	21.23 -0.57 0.00	24.04 -0.54 0.00	25.73 -0.39 0.00	26.61 -0.40 0.00	27.54 -0.03 0.00	28.50 -0.11 0.00	30.64 -0.15 0.00	33.34 -0.47 0.00	34.09 0.03 0.00	34.47 0.14 0.00	36.85 -0.15 0.00	41.60 -0.50 0.00	47.27 -1.02 0.00	44.44 -1.37 0.00	40.88 -0.79 0.00	38.61 -0.55 0.00	35.60 0.00 0.00	34.13 0.00 0.00	29.86 0.09 0.00
INDECK___OSWEGO 23783	25.39 -0.41 0.00	23.57 -0.43 0.00	21.45 -0.37 0.00	20.79 -0.34 0.00	20.57 -0.31 0.00	21.40 -0.39 0.00	24.21 -0.37 0.00	25.68 -0.44 0.00	26.53 -0.49 0.00	27.10 -0.47 0.00	27.96 -0.66 0.00	30.09 -0.71 0.00	33.01 -0.81 0.00	33.38 -0.68 0.00	33.72 -0.62 0.00	36.77 -0.63 -0.40	42.87 -0.76 -1.52	49.35 -0.87 -1.94	48.77 -0.82 -3.78	43.42 -0.67 -2.42	39.77 -0.59 -1.19	34.93 -0.53 0.14	33.55 -0.58 0.00	29.17 -0.60 0.00
INDECK___YERKES 23781	25.53 -0.28 0.00	22.90 -1.10 0.00	20.95 -0.87 0.00	20.76 -0.36 0.00	20.51 -0.38 0.00	20.92 -0.87 0.00	23.72 -0.86 0.00	25.47 -0.65 0.00	26.26 -0.76 0.00	27.21 -0.36 0.00	28.01 -0.60 0.00	30.11 -0.68 0.00	32.67 -1.15 0.00	33.48 -0.58 0.00	33.72 -0.62 0.00	35.92 -1.07 0.00	40.50 -1.60 0.00	45.61 -2.70 -0.03	43.09 -2.75 -0.03	39.80 -1.87 0.00	37.79 -1.37 0.00	35.03 -0.57 0.00	33.76 -0.37 0.00	29.53 -0.24 0.00
INDIAN POINT_GT_1 24139	27.15 1.34 0.00	25.27 1.27 0.00	22.98 1.16 0.00	22.22 1.10 0.00	21.93 1.04 0.00	22.95 1.15 0.00	25.81 1.23 0.00	27.69 1.57 0.00	28.64 1.62 0.00	29.30 1.74 0.00	30.67 2.06 0.00	33.26 2.28 -0.19	36.46 2.64 0.00	37.32 2.86 -0.40	38.00 3.23 -0.44	41.10 3.85 -0.25	46.74 4.42 -0.22	53.25 4.97 0.00	50.30 4.49 0.00	45.55 3.88 0.00	42.84 3.68 0.00	38.41 2.81 0.00	36.59 2.46 0.00	31.73 1.96 0.00
INDIAN POINT_GT_2 23659	27.15 1.34 0.00	25.27 1.27 0.00	22.98 1.16 0.00	22.22 1.10 0.00	21.93 1.04 0.00	22.95 1.15 0.00	25.81 1.23 0.00	27.69 1.57 0.00	28.64 1.62 0.00	29.30 1.74 0.00	30.67 2.06 0.00	33.26 2.28 -0.19	36.46 2.64 0.00	37.32 2.86 -0.40	38.00 3.23 -0.44	41.10 3.85 -0.25	46.74 4.42 -0.22	53.25 4.97 0.00	50.30 4.49 0.00	45.55 3.88 0.00	42.84 3.68 0.00	38.41 2.81 0.00	36.59 2.46 0.00	31.73 1.96 0.00
INDIAN POINT_GT_3 24019	27.15 1.34 0.00	25.27 1.27 0.00	22.98 1.16 0.00	22.22 1.10 0.00	21.93 1.04 0.00	22.95 1.15 0.00	25.81 1.23 0.00	27.69 1.57 0.00	28.64 1.62 0.00	29.30 1.74 0.00	30.67 2.06 0.00	33.26 2.28 -0.19	36.46 2.64 0.00	37.32 2.86 -0.40	38.00 3.23 -0.44	41.10 3.85 -0.25	46.74 4.42 -0.22	53.25 4.97 0.00	50.30 4.49 0.00	45.55 3.88 0.00	42.84 3.68 0.00	38.41 2.81 0.00	36.59 2.46 0.00	31.73 1.96 0.00
INDIAN POINT___2 23530	27.10 1.29 0.00	25.22 1.22 0.00	22.93 1.11 0.00	22.12 0.99 0.00	21.87 0.98 0.00	22.90 1.11 0.00	25.76 1.18 0.00	27.56 1.44 0.00	28.61 1.59 0.00	29.22 1.65 0.00	30.64 2.03 0.00	33.23 2.25 -0.19	36.39 2.57 0.00	37.24 2.79 -0.38	37.91 3.16 -0.42	41.02 3.78 -0.24	46.65 4.34 -0.21	53.16 4.87 0.00	50.17 4.35 0.00	45.42 3.75 0.00	42.80 3.64 0.00	38.38 2.78 0.00	36.55 2.42 0.00	31.70 1.93 0.00
INDIAN POINT___3 23531	27.10 1.29 0.00	25.22 1.22 0.00	22.93 1.11 0.00	22.18 1.06 0.00	21.91 1.02 0.00	22.93 1.13 0.00	25.78 1.20 0.00	27.64 1.52 0.00	28.58 1.57 0.00	29.27 1.71 0.00	30.62 2.00 0.00	33.20 2.22 -0.19	36.35 2.54 0.00	37.22 2.76 -0.40	37.90 3.12 -0.44	40.99 3.74 -0.25	46.62 4.29 -0.22	53.06 4.78 0.00	50.16 4.35 0.00	45.47 3.79 0.00	42.76 3.60 0.00	38.38 2.78 0.00	36.52 2.39 0.00	31.67 1.91 0.00
INGHAM_C_115KV_TB7 356103	26.02 0.21 0.00	24.19 0.19 0.00	22.00 0.17 0.00	21.29 0.17 0.00	21.07 0.19 0.00	22.08 0.28 0.00	24.90 0.32 0.00	26.85 0.73 0.00	27.80 0.78 0.00	28.47 0.91 0.00	29.53 0.92 0.00	31.75 0.95 0.00	34.97 1.15 0.00	35.29 1.23 0.00	35.64 1.30 0.00	38.52 1.52 0.00	43.07 0.97 0.00	49.49 1.21 0.00	47.05 1.24 0.00	42.76 1.08 0.00	40.14 0.98 0.00	36.64 0.78 -0.26	34.68 0.55 0.00	30.21 0.45 0.00
IP CORINTH___1 23988	26.87 1.06 0.00	25.01 1.01 0.00	22.65 0.83 0.00	21.88 0.76 0.00	21.64 0.75 0.00	22.66 0.87 0.00	25.53 0.96 0.00	27.04 0.91 0.00	27.96 0.95 0.00	28.42 0.85 0.00	29.33 0.72 0.00	31.47 0.86 0.19	34.83 1.01 0.00	34.63 0.95 0.38	35.11 1.20 0.42	38.20 1.44 0.24	43.57 1.68 0.21	50.70 2.41 0.00	48.79 2.98 0.00	44.38 2.71 0.00	42.02 2.86 0.00	37.84 2.24 0.00	35.94 1.81 0.00	31.28 1.52 0.00

IP___TICONDEROGA 23804	28.05 2.25 0.00	26.09 2.09 0.00	23.55 1.72 0.00	22.73 1.61 0.00	22.52 1.63 0.00	23.60 1.81 0.00	26.62 2.04 0.00	28.13 2.01 0.00	29.10 2.08 0.00	29.55 1.98 0.00	30.53 1.92 0.00	32.88 2.28 0.19	36.49 2.67 0.00	36.42 2.76 0.39	36.99 3.09 0.43	40.12 3.37 0.25	45.75 3.87 0.22	53.59 5.31 0.00	51.49 5.68 0.00	46.88 5.21 0.00	44.37 5.21 0.00	39.94 4.34 0.00	37.82 3.69 0.00	32.77 3.01 0.00
ISLIP_RES_REC 323679	34.30 2.32 -6.16	26.14 2.14 0.00	23.74 1.92 0.00	22.79 1.67 0.00	22.56 1.67 0.00	23.82 2.03 0.00	26.54 1.97 0.00	28.61 2.48 0.00	34.88 2.68 -5.19	34.89 2.76 -4.57	41.15 3.23 -9.30	42.85 3.63 -8.42	44.34 4.09 -6.43	70.02 4.36 -31.60	75.22 4.77 -36.12	94.29 5.55 -51.75	138.29 6.36 -89.83	200.73 7.14 -145.31	141.50 6.50 -89.18	132.24 5.62 -84.94	56.43 5.44 -11.83	56.35 4.41 -16.34	43.07 3.89 -5.05	42.30 3.25 -9.29
JAMAICA__27_KV_LOAD 355505	27.56 1.76 0.00	25.61 1.61 0.00	23.26 1.44 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.27 1.48 0.00	26.22 1.65 0.00	28.21 2.09 0.00	29.23 2.22 0.00	29.96 2.40 0.00	31.45 2.83 0.00	39.29 3.23 -5.27	37.28 3.45 -0.02	40.28 3.92 -2.31	44.70 4.26 -6.11	47.76 4.99 -5.77	47.80 5.47 -0.23	54.27 5.99 0.00	51.26 5.45 0.00	46.47 4.79 0.00	43.82 4.66 0.00	39.16 3.56 0.00	37.27 3.14 0.00	32.36 2.59 0.00
JANIS___SOLAR 323808	26.87 1.06 0.00	24.77 0.77 0.00	22.52 0.70 0.00	21.84 0.72 0.00	21.64 0.75 0.00	22.58 0.78 0.00	25.61 1.03 0.00	27.22 1.10 0.00	27.93 0.92 0.00	28.47 0.91 0.00	29.33 0.72 0.00	31.59 0.80 0.00	34.63 0.81 0.00	35.15 1.09 0.00	35.54 1.20 0.00	38.56 1.48 -0.08	44.21 1.81 -0.30	51.12 2.46 -0.38	49.16 2.61 -0.74	44.77 2.63 -0.47	41.94 2.54 -0.23	37.81 2.21 0.00	36.01 1.88 0.00	31.20 1.43 0.00
JARVIS____ 23743	25.94 0.13 0.00	24.14 0.14 0.00	21.95 0.13 0.00	21.23 0.11 0.00	20.99 0.10 0.00	21.92 0.13 0.00	24.70 0.12 0.00	26.23 0.10 0.00	27.12 0.11 0.00	27.68 0.11 0.00	28.73 0.11 0.00	30.92 0.12 0.00	33.99 0.17 0.00	34.30 0.24 0.00	34.64 0.31 0.00	37.41 0.41 0.00	42.56 0.46 0.00	48.86 0.58 0.00	46.41 0.59 0.00	42.17 0.50 0.00	39.63 0.47 0.00	36.22 0.36 -0.26	34.40 0.27 0.00	29.98 0.21 0.00
JENNISON___1 23625	26.97 1.16 0.00	24.91 0.91 0.00	22.63 0.81 0.00	21.84 0.72 0.00	21.62 0.73 0.00	22.69 0.89 0.00	25.68 1.11 0.00	27.30 1.18 0.00	28.15 1.13 0.00	28.75 1.19 0.00	29.81 1.20 0.00	32.09 1.29 0.00	35.24 1.42 0.00	35.76 1.70 0.00	36.26 1.92 0.00	39.31 2.26 -0.06	44.92 2.61 -0.21	51.78 3.23 -0.27	49.54 3.21 -0.52	44.97 2.96 -0.33	42.18 2.86 -0.16	38.06 2.46 0.00	36.21 2.08 0.00	31.43 1.67 0.00
JENNISON___2 23626	26.97 1.16 0.00	24.91 0.91 0.00	22.63 0.81 0.00	21.84 0.72 0.00	21.62 0.73 0.00	22.69 0.89 0.00	25.68 1.11 0.00	27.30 1.18 0.00	28.15 1.13 0.00	28.75 1.19 0.00	29.81 1.20 0.00	32.09 1.29 0.00	35.24 1.42 0.00	35.76 1.70 0.00	36.26 1.92 0.00	39.31 2.26 -0.06	44.92 2.61 -0.21	51.78 3.23 -0.27	49.54 3.21 -0.52	44.97 2.96 -0.33	42.18 2.86 -0.16	38.06 2.46 0.00	36.21 2.08 0.00	31.43 1.67 0.00
JERICHO_RISE_WT_PWR 323719	25.53 -0.28 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.91 -0.21 0.00	20.70 -0.19 0.00	21.60 -0.20 0.00	24.45 -0.12 0.00	26.04 -0.08 0.00	26.91 -0.11 0.00	27.51 -0.06 0.00	28.64 0.03 0.00	30.76 -0.03 0.00	33.62 -0.20 0.00	33.51 -0.55 0.00	33.34 -1.00 0.00	35.63 -1.37 0.00	40.67 -1.43 0.00	46.73 -1.55 0.00	44.21 -1.60 0.00	40.34 -1.34 0.00	37.63 -1.53 0.01	28.96 -1.49 5.14	32.66 -1.47 0.01	28.51 -1.25 0.01
KATONAH___115KV_46KV_TB4 355592	27.28 1.47 0.00	25.39 1.39 0.00	23.09 1.27 0.00	22.33 1.20 0.00	22.04 1.15 0.00	23.06 1.26 0.00	25.90 1.33 0.00	27.79 1.67 0.00	28.77 1.76 0.00	29.44 1.87 0.00	30.82 2.20 0.00	33.45 2.46 -0.20	36.66 2.84 0.00	37.60 3.13 -0.40	38.32 3.54 -0.45	41.47 4.22 -0.26	47.17 4.84 -0.23	53.79 5.50 0.00	50.81 4.99 0.00	45.92 4.25 0.00	43.16 3.99 0.00	38.62 3.03 0.00	36.76 2.63 0.00	31.85 2.08 0.00
KCE_NY_1 323755	27.02 1.21 0.00	25.18 1.18 0.00	22.83 1.00 0.00	22.05 0.93 0.00	21.80 0.92 0.00	22.82 1.02 0.00	25.68 1.11 0.00	27.19 1.07 0.00	28.12 1.11 0.00	28.59 1.02 0.00	29.67 1.06 0.00	31.79 1.20 0.20	35.24 1.42 0.00	35.19 1.53 0.41	35.64 1.75 0.45	38.81 2.07 0.26	44.23 2.36 0.23	51.33 3.04 0.00	49.02 3.21 0.00	44.55 2.87 0.00	42.02 2.86 0.00	37.91 2.31 0.00	36.08 1.94 0.00	31.40 1.64 0.00
KCE_NY_6_ESR 323823	25.73 -0.08 0.00	23.14 -0.86 0.00	21.14 -0.68 0.00	20.85 -0.28 0.00	20.66 -0.23 0.00	21.07 -0.72 0.00	23.91 -0.66 0.00	25.70 -0.42 0.00	26.53 -0.49 0.00	27.48 -0.08 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.04 -0.78 0.00	33.86 -0.20 0.00	34.13 -0.20 0.00	36.37 -0.63 0.00	41.05 -1.05 0.00	46.31 -1.98 -0.01	43.71 -2.11 -0.01	40.30 -1.37 0.00	38.22 -0.94 0.00	35.39 -0.21 0.00	34.03 -0.10 0.00	29.77 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	34.09 2.12 -6.16	25.94 1.94 0.00	23.57 1.75 0.00	22.62 1.50 0.00	22.39 1.50 0.00	23.64 1.85 0.00	26.35 1.77 0.00	28.37 2.25 0.00	34.64 2.43 -5.19	34.64 2.51 -4.57	40.83 2.92 -9.30	42.45 3.23 -8.42	43.87 3.62 -6.43	65.18 3.81 -27.31	74.43 3.98 -36.12	93.45 4.70 -51.75	145.61 5.35 -98.16	223.06 5.94 -168.84	154.67 5.36 -103.50	137.48 4.71 -91.10	55.57 4.58 -11.83	55.57 3.63 -16.34	42.66 3.48 -5.05	41.98 2.92 -9.29
KEDC_PORT_JEFF_GT3 24211	34.09 2.12 -6.16	25.94 1.94 0.00	23.57 1.75 0.00	22.62 1.50 0.00	22.39 1.50 0.00	23.64 1.85 0.00	26.35 1.77 0.00	28.37 2.25 0.00	34.64 2.43 -5.19	34.64 2.51 -4.57	40.83 2.92 -9.30	42.45 3.23 -8.42	43.87 3.62 -6.43	65.18 3.81 -27.31	74.43 3.98 -36.12	93.45 4.70 -51.75	145.61 5.35 -98.16	223.06 5.94 -168.84	154.67 5.36 -103.50	137.48 4.71 -91.10	55.57 4.58 -11.83	55.57 3.63 -16.34	42.66 3.48 -5.05	41.98 2.92 -9.29
KEDC_GLWD_GT4 24219	33.93 1.96 -6.16	25.82 1.82 0.00	23.44 1.61 0.00	22.56 1.44 0.00	22.31 1.42 0.00	23.45 1.66 0.00	26.25 1.67 0.00	28.24 2.11 0.00	34.53 2.32 -5.19	34.56 2.43 -4.57	40.80 2.89 -9.30	42.48 3.26 -8.42	43.94 3.69 -6.43	49.97 3.81 -12.10	74.57 4.12 -36.12	93.54 4.81 -51.74	100.27 5.47 -52.70	94.87 6.13 -40.45	76.74 5.54 -25.39	103.96 4.79 -57.49	55.56 4.58 -11.82	55.57 3.63 -16.34	42.63 3.45 -5.05	41.86 2.80 -9.29
KEDC_GLWD_GT5 24220	33.93 1.96 -6.16	25.82 1.82 0.00	23.44 1.61 0.00	22.56 1.44 0.00	22.31 1.42 0.00	23.45 1.66 0.00	26.25 1.67 0.00	28.24 2.11 0.00	34.53 2.32 -5.19	34.56 2.43 -4.57	40.80 2.89 -9.30	42.48 3.26 -8.42	43.94 3.69 -6.43	49.97 3.81 -12.10	74.57 4.12 -36.12	93.54 4.81 -51.74	100.27 5.47 -52.70	94.87 6.13 -40.45	76.74 5.54 -25.39	103.96 4.79 -57.49	55.56 4.58 -11.82	55.57 3.63 -16.34	42.63 3.45 -5.05	41.86 2.80 -9.29

KENSICO____ 23655	27.23 1.42 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.29 1.16 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.90 1.33 0.00	27.77 1.65 0.00	28.74 1.73 0.00	29.41 1.85 0.00	30.79 2.17 0.00	33.42 2.43 -0.20	36.59 2.77 0.00	37.46 3.00 -0.41	38.15 3.36 -0.45	41.25 4.00 -0.26	46.87 4.55 -0.23	53.35 5.07 0.00	50.39 4.58 0.00	45.67 4.00 0.00	43.00 3.84 0.00	38.55 2.95 0.00	36.69 2.56 0.00	31.82 2.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	27.18 1.37 0.00	25.22 1.22 0.00	22.98 1.16 0.00	22.22 1.10 0.00	21.93 1.04 0.00	22.93 1.13 0.00	25.78 1.20 0.00	27.59 1.46 0.00	28.53 1.51 0.00	29.14 1.57 0.00	30.39 1.77 0.00	32.96 2.06 -0.11	36.22 2.40 0.00	36.74 2.45 -0.23	37.47 2.88 -0.25	40.62 3.48 -0.14	46.39 4.17 -0.13	53.01 4.73 0.00	50.12 4.31 0.00	45.42 3.75 0.00	42.72 3.56 0.00	38.62 3.03 0.00	36.73 2.59 0.00	31.76 1.99 0.00
KIAC_JFK_GT1 23816	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.14 1.35 0.00	26.10 1.52 0.00	28.06 1.93 0.00	29.07 2.05 0.00	29.80 2.23 0.00	31.25 2.63 0.00	38.98 2.93 -5.27	36.94 3.11 -0.02	39.91 3.54 -2.31	44.36 3.91 -6.11	47.35 4.59 -5.77	47.38 5.05 -0.23	53.74 5.46 0.00	50.76 4.95 0.00	46.05 4.38 0.00	43.39 4.23 0.00	38.80 3.20 0.00	36.93 2.80 0.00	32.15 2.38 0.00
KIAC_JFK_GT2 23817	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.14 1.35 0.00	26.10 1.52 0.00	28.06 1.93 0.00	29.07 2.05 0.00	29.80 2.23 0.00	31.25 2.63 0.00	38.98 2.93 -5.27	36.94 3.11 -0.02	39.91 3.54 -2.31	44.36 3.91 -6.11	47.35 4.59 -5.77	47.38 5.05 -0.23	53.74 5.46 0.00	50.76 4.95 0.00	46.05 4.38 0.00	43.39 4.23 0.00	38.80 3.20 0.00	36.93 2.80 0.00	32.15 2.38 0.00
KIAC_JFK____ 323774	27.38 1.57 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	29.07 2.05 0.00	29.72 2.15 0.00	31.24 2.63 0.00	38.98 2.93 -5.27	36.94 3.11 -0.02	39.91 3.54 -2.31	44.36 3.91 -6.11	47.35 4.59 -5.77	47.38 5.05 -0.23	53.74 5.45 0.00	50.76 4.95 0.00	45.97 4.29 0.00	43.39 4.23 0.00	38.80 3.21 0.00	36.93 2.80 0.00	32.15 2.38 0.00
KINTIGH____ 23543	25.11 -0.70 0.00	22.73 -1.27 0.00	20.73 -1.09 0.00	19.88 -1.25 0.00	19.78 -1.11 0.00	20.72 -1.07 0.00	23.37 -1.20 0.00	24.87 -1.25 0.00	25.99 -1.03 0.00	26.52 -1.05 0.00	27.67 -0.94 0.00	29.68 -1.11 0.00	32.30 -1.52 0.00	32.94 -1.12 0.00	33.20 -1.13 0.00	35.52 -1.48 0.00	40.08 -2.02 0.00	45.29 -2.99 0.00	42.79 -3.02 0.00	39.26 -2.42 0.00	37.44 -1.72 0.00	34.64 -0.96 0.00	33.35 -0.79 0.00	29.08 -0.68 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.99 0.18 0.00	24.14 0.14 0.00	21.97 0.15 0.00	21.38 0.25 0.00	21.18 0.29 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.06 0.50 0.00	29.21 0.60 0.00	31.38 0.59 0.00	34.26 0.44 0.00	34.23 0.17 0.00	34.03 -0.31 0.00	36.41 -0.59 0.00	41.68 -0.42 0.00	47.94 -0.34 0.00	45.17 -0.64 0.00	41.38 -0.29 0.00	38.45 -0.70 0.01	29.43 -0.96 5.21	33.00 -1.13 0.01	28.78 -0.98 0.01
LACHUTE__HYDRO 323717	28.05 2.24 0.00	26.09 2.09 0.00	23.55 1.72 0.00	22.75 1.63 0.00	22.54 1.65 0.00	23.60 1.81 0.00	26.59 2.02 0.00	28.11 1.98 0.00	29.10 2.08 0.00	29.55 1.99 0.00	30.53 1.92 0.00	32.85 2.25 0.19	36.49 2.67 0.00	36.42 2.76 0.39	36.99 3.09 0.43	40.12 3.37 0.25	45.75 3.87 0.22	53.59 5.31 0.00	51.49 5.68 0.00	46.88 5.21 0.00	44.37 5.21 0.00	39.94 4.34 0.00	37.82 3.69 0.00	32.77 3.01 0.00
LAWRNCV_115KV_TB1 80681	25.22 -0.59 0.00	23.50 -0.50 0.00	21.36 -0.46 0.00	21.06 -0.06 0.00	20.82 -0.06 0.00	21.36 -0.44 0.00	24.21 -0.37 0.00	25.68 -0.44 0.00	26.47 -0.54 0.00	27.04 -0.52 0.00	28.07 -0.54 0.00	30.21 -0.59 0.00	32.97 -0.85 0.00	32.80 -1.26 0.00	32.58 -1.75 0.00	34.73 -2.29 -0.03	39.71 -2.48 -0.10	45.80 -2.61 -0.12	43.44 -2.61 -0.24	39.62 -2.21 -0.15	37.12 -2.11 -0.07	29.46 -1.74 4.40	32.76 -1.37 0.01	28.75 -1.01 0.01
LEDERLE____ 23769	27.20 1.39 0.00	25.30 1.30 0.00	23.00 1.18 0.00	22.24 1.12 0.00	21.97 1.09 0.00	22.97 1.18 0.00	25.85 1.28 0.00	27.72 1.59 0.00	28.69 1.67 0.00	29.38 1.82 0.00	30.73 2.12 0.00	33.34 2.37 -0.18	36.56 2.74 0.00	37.39 2.96 -0.37	38.11 3.36 -0.41	41.23 4.00 -0.23	46.94 4.63 -0.21	53.50 5.21 0.00	50.48 4.67 0.00	45.72 4.04 0.00	43.04 3.88 0.00	38.59 2.99 0.00	36.73 2.59 0.00	31.82 2.05 0.00
LIGHTHSE_115KV_TB6 355974	25.63 -0.18 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.87 -0.25 0.00	20.66 -0.23 0.00	21.60 -0.20 0.00	24.43 -0.15 0.00	25.91 -0.21 0.00	26.75 -0.27 0.00	27.29 -0.28 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.31 -0.51 0.00	33.65 -0.41 0.00	33.92 -0.41 0.00	36.81 -0.41 -0.22	42.29 -0.63 -0.82	48.75 -0.58 -1.05	47.44 -0.41 -2.04	42.69 -0.29 -1.31	39.61 -0.20 -0.64	35.00 -0.21 0.38	33.93 -0.20 0.00	29.47 -0.30 0.00
LINDEN COGEN____ 23786	27.23 1.42 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.24 1.12 0.00	21.99 1.11 0.00	23.06 1.26 0.00	25.90 1.33 0.00	27.82 1.70 0.00	28.88 1.86 0.00	29.52 1.96 0.00	31.02 2.40 0.00	38.60 2.68 -5.13	36.88 3.04 -0.02	39.59 3.27 -2.26	44.05 3.60 -6.11	46.83 4.22 -5.62	47.13 4.80 -0.23	53.45 5.17 0.00	50.44 4.63 0.00	45.71 4.04 0.00	43.16 4.00 0.00	38.69 3.10 0.00	36.86 2.73 0.00	31.91 2.14 0.00
LINDHRST_69_KV_BK1 356055	34.22 2.25 -6.16	26.06 2.06 0.00	23.68 1.85 0.00	22.79 1.67 0.00	22.52 1.63 0.00	23.69 1.90 0.00	26.49 1.92 0.00	28.55 2.43 0.00	34.80 2.59 -5.19	34.86 2.73 -4.57	41.03 3.12 -9.30	42.66 3.45 -8.42	44.14 3.89 -6.43	60.05 4.16 -21.84	74.98 4.53 -36.12	93.99 5.25 -51.74	104.29 6.06 -56.12	105.25 6.86 -50.11	83.31 6.23 -31.27	107.11 5.42 -60.02	56.23 5.25 -11.82	56.17 4.24 -16.34	42.90 3.72 -5.05	42.12 3.07 -9.29
LIPA_MISC_IPP 23656	34.04 2.06 -6.16	25.90 1.90 0.00	23.59 1.77 0.00	22.64 1.52 0.00	22.39 1.50 0.00	23.64 1.85 0.00	26.35 1.77 0.00	28.42 2.30 0.00	34.61 2.40 -5.19	34.67 2.54 -4.57	40.80 2.89 -9.30	42.45 3.23 -8.42	43.91 3.65 -6.43	66.78 3.92 -28.80	74.78 4.33 -36.12	93.78 5.03 -51.75	138.96 5.81 -91.05	203.61 6.57 -148.76	143.10 6.00 -91.28	132.77 5.25 -85.84	56.00 5.01 -11.83	55.96 4.02 -16.34	42.70 3.52 -5.05	41.98 2.92 -9.29
LISF__SOLAR 323691	34.09 2.12 -6.16	25.94 1.94 0.00	23.61 1.79 0.00	22.65 1.52 0.00	22.39 1.50 0.00	23.69 1.89 0.00	26.35 1.77 0.00	28.39 2.27 0.00	34.67 2.46 -5.19	34.64 2.51 -4.57	40.86 2.95 -9.30	42.51 3.30 -8.42	43.97 3.72 -6.43	66.98 4.02 -28.90	74.85 4.40 -36.12	93.89 5.14 -51.75	139.68 5.98 -91.61	205.36 6.76 -150.32	144.23 6.18 -92.24	133.30 5.38 -86.25	56.16 5.17 -11.83	56.10 4.16 -16.34	42.80 3.62 -5.05	42.06 3.01 -9.29

LITTLE FALLS___HYD 24013	26.02 0.21 0.00	24.19 0.19 0.00	22.00 0.17 0.00	21.29 0.17 0.00	21.07 0.19 0.00	22.08 0.28 0.00	24.90 0.32 0.00	26.85 0.73 0.00	27.80 0.78 0.00	28.47 0.91 0.00	29.53 0.92 0.00	31.75 0.95 0.00	34.97 1.15 0.00	35.29 1.23 0.00	35.64 1.30 0.00	38.52 1.52 0.00	43.07 0.97 0.00	49.49 1.21 0.00	47.05 1.24 0.00	42.76 1.08 0.00	40.14 0.98 0.00	36.64 0.78 -0.26	34.68 0.55 0.00	30.21 0.45 0.00
LITTLRIV_115KV_TB1 356100	25.42 -0.39 0.00	23.69 -0.31 0.00	21.52 -0.31 0.00	21.23 0.11 0.00	20.99 0.10 0.00	21.55 -0.24 0.00	24.45 -0.12 0.00	25.94 -0.18 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.30 -0.31 0.00	30.42 -0.37 0.00	33.24 -0.57 0.00	33.07 -0.99 0.00	32.86 -1.48 0.00	35.03 -2.00 -0.03	40.02 -2.19 -0.10	46.19 -2.22 -0.13	43.92 -2.15 -0.26	40.05 -1.79 -0.17	37.55 -1.68 -0.08	29.91 -1.39 4.30	33.07 -1.06 0.01	29.05 -0.71 0.01
LI_NEWBRDGE___DRP 323616	33.70 1.73 -6.16	25.58 1.58 0.00	23.26 1.44 0.00	22.43 1.31 0.00	22.16 1.27 0.00	23.25 1.46 0.00	26.08 1.50 0.00	28.06 1.93 0.00	34.26 2.05 -5.19	34.31 2.18 -4.57	40.43 2.52 -9.30	41.99 2.77 -8.42	43.40 3.15 -6.43	49.53 3.37 -12.10	74.19 3.74 -36.12	93.10 4.37 -51.74	99.81 5.01 -52.70	94.33 5.60 -40.45	76.29 5.09 -25.39	103.63 4.46 -57.49	55.25 4.27 -11.82	55.28 3.35 -16.34	42.12 2.94 -5.05	41.44 2.38 -9.29
LOCKPORT_115KV_TB60_63_64 80432	25.29 -0.52 0.00	22.78 -1.22 0.00	20.77 -1.05 0.00	19.88 -1.25 0.00	19.80 -1.09 0.00	20.77 -1.02 0.00	23.30 -1.28 0.00	24.82 -1.31 0.00	25.99 -1.03 0.00	26.49 -1.08 0.00	27.73 -0.89 0.00	29.75 -1.05 0.00	32.30 -1.52 0.00	33.07 -0.99 0.00	33.30 -1.03 0.00	35.52 -1.48 0.00	40.04 -2.06 0.00	45.10 -3.19 -0.01	42.61 -3.21 -0.01	39.17 -2.50 0.00	37.44 -1.72 0.00	34.74 -0.85 0.00	33.45 -0.68 0.00	29.32 -0.45 0.00
LOCKPORT___CC1 323769	25.35 -0.46 0.00	22.78 -1.22 0.00	20.82 -1.00 0.00	20.68 -0.44 0.00	20.47 -0.42 0.00	20.68 -1.11 0.00	23.50 -1.08 0.00	25.26 -0.86 0.00	26.02 -1.00 0.00	26.96 -0.61 0.00	27.73 -0.89 0.00	29.81 -0.99 0.00	32.30 -1.52 0.00	33.07 -0.99 0.00	33.31 -1.03 0.00	35.48 -1.52 0.00	40.04 -2.06 0.00	45.05 -3.23 -0.01	42.61 -3.21 -0.01	39.34 -2.33 0.00	37.44 -1.72 0.00	34.71 -0.89 0.00	33.41 -0.72 0.00	29.29 -0.48 0.00
LOCKPORT___CC2 323770	25.35 -0.46 0.00	22.78 -1.22 0.00	20.82 -1.00 0.00	20.68 -0.44 0.00	20.47 -0.42 0.00	20.68 -1.11 0.00	23.50 -1.08 0.00	25.26 -0.86 0.00	26.02 -1.00 0.00	26.96 -0.61 0.00	27.73 -0.89 0.00	29.81 -0.99 0.00	32.30 -1.52 0.00	33.07 -0.99 0.00	33.31 -1.03 0.00	35.48 -1.52 0.00	40.04 -2.06 0.00	45.05 -3.23 -0.01	42.61 -3.21 -0.01	39.34 -2.33 0.00	37.44 -1.72 0.00	34.71 -0.89 0.00	33.41 -0.72 0.00	29.29 -0.48 0.00
LOCKPORT___CC3 323771	25.35 -0.46 0.00	22.78 -1.22 0.00	20.82 -1.00 0.00	20.68 -0.44 0.00	20.47 -0.42 0.00	20.68 -1.11 0.00	23.50 -1.08 0.00	25.26 -0.86 0.00	26.02 -1.00 0.00	26.96 -0.61 0.00	27.73 -0.89 0.00	29.81 -0.99 0.00	32.30 -1.52 0.00	33.07 -0.99 0.00	33.31 -1.03 0.00	35.48 -1.52 0.00	40.04 -2.06 0.00	45.05 -3.23 -0.01	42.61 -3.21 -0.01	39.34 -2.33 0.00	37.44 -1.72 0.00	34.71 -0.89 0.00	33.41 -0.72 0.00	29.29 -0.48 0.00
LONG_LAKE_PHOENIX 24014	25.58 -0.23 0.00	23.71 -0.29 0.00	21.56 -0.26 0.00	20.81 -0.32 0.00	20.61 -0.27 0.00	21.53 -0.26 0.00	24.33 -0.25 0.00	25.81 -0.31 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.16 -0.46 0.00	30.33 -0.46 0.00	33.28 -0.54 0.00	33.68 -0.37 0.00	34.03 -0.31 0.00	37.01 -0.30 -0.30	42.87 -0.38 -1.15	49.26 -0.48 -1.47	48.21 -0.46 -2.86	43.17 -0.33 -1.83	39.79 -0.27 -0.90	35.39 -0.21 0.00	33.86 -0.27 0.00	29.41 -0.36 0.00
LOVETT___3 23632	27.07 1.26 0.00	25.20 1.20 0.00	22.91 1.09 0.00	22.16 1.04 0.00	21.89 1.00 0.00	22.88 1.09 0.00	25.76 1.18 0.00	27.61 1.49 0.00	28.56 1.54 0.00	29.25 1.68 0.00	30.59 1.97 0.00	33.19 2.22 -0.18	36.35 2.54 0.00	37.19 2.76 -0.37	37.87 3.12 -0.41	40.97 3.74 -0.24	46.60 4.29 -0.21	53.11 4.83 0.00	50.16 4.35 0.00	45.42 3.75 0.00	42.76 3.60 0.00	38.34 2.74 0.00	36.52 2.39 0.00	31.67 1.91 0.00
LOVETT___4 23642	27.07 1.26 0.00	25.20 1.20 0.00	22.91 1.09 0.00	22.16 1.04 0.00	21.89 1.00 0.00	22.88 1.09 0.00	25.76 1.18 0.00	27.61 1.49 0.00	28.56 1.54 0.00	29.25 1.68 0.00	30.59 1.97 0.00	33.19 2.22 -0.18	36.35 2.54 0.00	37.19 2.76 -0.37	37.87 3.12 -0.41	40.97 3.74 -0.24	46.60 4.29 -0.21	53.11 4.83 0.00	50.16 4.35 0.00	45.42 3.75 0.00	42.76 3.60 0.00	38.34 2.74 0.00	36.52 2.39 0.00	31.67 1.91 0.00
LOVETT___5 23593	27.07 1.26 0.00	25.20 1.20 0.00	22.91 1.09 0.00	22.16 1.04 0.00	21.89 1.00 0.00	22.88 1.09 0.00	25.76 1.18 0.00	27.61 1.49 0.00	28.56 1.54 0.00	29.25 1.68 0.00	30.59 1.97 0.00	33.19 2.22 -0.18	36.35 2.54 0.00	37.19 2.76 -0.37	37.87 3.12 -0.41	40.97 3.74 -0.24	46.60 4.29 -0.21	53.11 4.83 0.00	50.16 4.35 0.00	45.42 3.75 0.00	42.76 3.60 0.00	38.34 2.74 0.00	36.52 2.39 0.00	31.67 1.91 0.00
LOWER RAQUET___HYD 24057	25.22 -0.59 0.00	23.49 -0.51 0.00	21.36 -0.46 0.00	20.66 -0.46 0.00	20.43 -0.46 0.00	21.36 -0.44 0.00	24.21 -0.37 0.00	25.70 -0.42 0.00	26.48 -0.54 0.00	27.04 -0.52 0.00	28.07 -0.54 0.00	30.21 -0.59 0.00	32.97 -0.84 0.00	32.73 -1.33 0.00	32.48 -1.85 0.00	34.62 -2.40 -0.03	39.60 -2.61 -0.11	45.67 -2.75 -0.14	43.39 -2.70 -0.28	39.52 -2.33 -0.18	37.05 -2.19 -0.08	29.57 -1.81 4.21	32.69 -1.43 0.01	28.75 -1.01 0.01
LOWER___HUDSON 24059	26.71 0.90 0.00	24.91 0.91 0.00	22.63 0.81 0.00	21.86 0.74 0.00	21.60 0.71 0.00	22.62 0.83 0.00	25.39 0.81 0.00	26.91 0.78 0.00	27.85 0.84 0.00	28.28 0.72 0.00	29.44 0.83 0.00	31.40 0.86 0.25	34.83 1.01 0.00	34.66 1.12 0.52	35.14 1.37 0.57	38.37 1.70 0.33	43.75 1.94 0.29	50.65 2.37 0.00	48.28 2.47 0.00	43.92 2.25 0.00	41.31 2.15 0.00	37.31 1.71 0.00	35.53 1.40 0.00	31.02 1.25 0.00
LOWVILLE_115KV_TB2 356335	26.12 0.31 0.00	24.26 0.26 0.00	22.02 0.20 0.00	21.38 0.25 0.00	21.14 0.25 0.00	22.08 0.28 0.00	25.02 0.44 0.00	26.51 0.39 0.00	27.29 0.27 0.00	27.84 0.28 0.00	28.81 0.20 0.00	31.01 0.22 0.00	34.02 0.20 0.00	34.30 0.24 0.00	34.20 -0.14 0.00	36.92 -0.15 -0.07	42.23 -0.13 -0.25	49.14 0.53 -0.32	47.18 0.73 -0.63	42.53 0.46 -0.40	39.83 0.47 -0.20	34.89 0.32 1.03	34.20 0.07 0.00	29.82 0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.02 1.21 0.00	25.15 1.15 0.00	22.83 1.00 0.00	22.05 0.93 0.00	21.81 0.92 0.00	22.82 1.02 0.00	25.68 1.11 0.00	27.19 1.07 0.00	28.12 1.11 0.00	28.61 1.05 0.00	29.67 1.06 0.00	31.80 1.20 0.20	35.20 1.39 0.00	35.15 1.50 0.41	35.60 1.72 0.45	38.78 2.03 0.26	44.19 2.32 0.23	51.28 2.99 0.00	48.97 3.16 0.00	44.55 2.88 0.00	41.98 2.82 0.00	37.88 2.28 0.00	36.04 1.91 0.00	31.40 1.64 0.00

LUTHERNY_35_KV_BK2 355980	27.02 1.21 0.00	25.18 1.18 0.00	22.83 1.00 0.00	22.05 0.93 0.00	21.81 0.92 0.00	22.82 1.02 0.00	25.68 1.11 0.00	27.22 1.10 0.00	28.12 1.11 0.00	28.61 1.05 0.00	29.67 1.06 0.00	31.80 1.20 0.20	35.24 1.42 0.00	35.19 1.53 0.41	35.64 1.75 0.45	38.81 2.07 0.26	44.23 2.36 0.23	51.32 3.04 0.00	49.02 3.21 0.00	44.59 2.92 0.00	42.02 2.86 0.00	37.91 2.31 0.00	36.08 1.95 0.00	31.40 1.64 0.00
LWR___OSWEGATCHIE_HYD 23850	25.55 -0.26 0.00	23.76 -0.24 0.00	21.58 -0.24 0.00	21.10 -0.02 0.00	20.87 -0.02 0.00	21.62 -0.17 0.00	24.50 -0.07 0.00	25.99 -0.13 0.00	26.75 -0.27 0.00	27.32 -0.25 0.00	28.30 -0.31 0.00	30.42 -0.37 0.00	33.31 -0.51 0.00	33.34 -0.72 0.00	33.17 -1.17 0.00	35.61 -1.44 -0.06	40.76 -1.56 -0.22	47.21 -1.35 -0.28	45.16 -1.19 -0.54	40.93 -1.08 -0.35	38.35 -0.98 -0.17	31.95 -0.85 2.79	33.34 -0.79 0.00	29.17 -0.60 0.00
LYONS_FALL_HYD 23570	26.25 0.44 0.00	24.36 0.36 0.00	22.13 0.31 0.00	21.42 0.30 0.00	21.18 0.29 0.00	22.16 0.37 0.00	25.12 0.54 0.00	26.64 0.52 0.00	27.42 0.41 0.00	28.00 0.44 0.00	28.98 0.37 0.00	31.19 0.40 0.00	34.26 0.44 0.00	34.57 0.51 0.00	34.68 0.34 0.00	37.46 0.41 -0.05	42.80 0.51 -0.19	49.54 1.02 -0.24	47.47 1.19 -0.47	42.89 0.92 -0.30	40.21 0.90 -0.15	35.73 0.71 0.58	34.61 0.48 0.00	30.15 0.39 0.00
MADISON___COUNTY_LFGE 323628	26.51 0.70 0.00	24.58 0.58 0.00	22.32 0.50 0.00	21.55 0.42 0.00	21.32 0.44 0.00	22.34 0.54 0.00	25.36 0.79 0.00	26.93 0.81 0.00	27.74 0.73 0.00	28.34 0.77 0.00	29.36 0.74 0.00	31.59 0.80 0.00	34.73 0.91 0.00	35.15 1.09 0.00	35.54 1.20 0.00	38.47 1.41 -0.06	43.93 1.60 -0.23	50.41 1.83 -0.29	48.31 1.92 -0.57	43.75 1.71 -0.37	40.99 1.64 -0.18	37.02 1.42 0.00	35.33 1.19 0.00	30.72 0.95 0.00
MALONE___115KV_TB1 356076	25.65 -0.15 0.00	23.88 -0.12 0.00	21.71 -0.11 0.00	21.21 0.08 0.00	20.99 0.10 0.00	21.70 -0.09 0.00	24.65 0.07 0.00	26.20 0.08 0.00	27.04 0.03 0.00	27.67 0.11 0.00	28.78 0.17 0.00	30.92 0.12 0.00	33.78 -0.03 0.00	33.68 -0.37 0.00	33.48 -0.86 0.00	35.78 -1.22 0.00	40.88 -1.22 0.00	47.07 -1.21 0.00	44.39 -1.42 0.00	40.63 -1.04 0.00	37.94 -1.21 0.01	29.48 -1.21 4.91	32.96 -1.16 0.01	28.78 -0.98 0.01
MAPLEWOD_115KV_TB3 80458	26.63 0.83 0.00	24.84 0.84 0.00	22.56 0.74 0.00	21.80 0.68 0.00	21.53 0.65 0.00	22.51 0.72 0.00	25.31 0.74 0.00	26.85 0.73 0.00	27.74 0.73 0.00	28.23 0.66 0.00	29.39 0.77 0.00	31.40 0.80 0.19	34.70 0.88 0.00	34.72 1.06 0.39	35.17 1.27 0.43	38.34 1.59 0.25	43.69 1.81 0.22	50.50 2.22 0.00	48.10 2.29 0.00	43.71 2.04 0.00	41.08 1.92 0.00	37.09 1.50 0.00	35.33 1.19 0.00	30.87 1.10 0.00
MAPLE_RIDGE_WT_1 323574	25.11 -0.70 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.66 -0.46 0.00	20.45 -0.44 0.00	21.36 -0.44 0.00	24.13 -0.44 0.00	25.68 -0.44 0.00	26.61 -0.40 0.00	27.18 -0.39 0.00	28.18 -0.43 0.00	30.27 -0.52 0.00	33.14 -0.68 0.00	33.17 -0.89 0.00	33.20 -1.13 0.00	35.63 -1.37 0.00	40.59 -1.51 0.00	46.64 -1.64 0.00	44.25 -1.56 0.00	40.21 -1.46 0.00	37.54 -1.61 0.01	25.87 -1.53 8.20	32.65 -1.47 0.01	28.45 -1.31 0.01
MAPLE_RIDGE_WT_2 323611	25.11 -0.70 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.66 -0.46 0.00	20.45 -0.44 0.00	21.36 -0.44 0.00	24.13 -0.44 0.00	25.68 -0.44 0.00	26.61 -0.40 0.00	27.18 -0.39 0.00	28.18 -0.43 0.00	30.27 -0.52 0.00	33.14 -0.68 0.00	33.17 -0.89 0.00	33.20 -1.13 0.00	35.63 -1.37 0.00	40.59 -1.51 0.00	46.64 -1.64 0.00	44.25 -1.56 0.00	40.21 -1.46 0.00	37.54 -1.61 0.01	25.87 -1.53 8.20	32.65 -1.47 0.01	28.45 -1.31 0.01
MARBLE_RIVER_WT_PWR 323696	25.63 -0.18 0.00	23.83 -0.17 0.00	21.69 -0.13 0.00	20.98 -0.15 0.00	20.78 -0.10 0.00	21.66 -0.13 0.00	24.55 -0.02 0.00	26.15 0.03 0.00	27.02 0.00 0.00	27.65 0.08 0.00	28.79 0.17 0.00	30.92 0.12 0.00	33.75 -0.07 0.00	33.69 -0.37 0.00	33.51 -0.82 0.00	35.81 -1.19 0.00	40.92 -1.18 0.00	47.03 -1.26 0.00	44.44 -1.37 0.00	40.59 -1.08 0.00	37.82 -1.33 0.01	28.97 -1.39 5.24	32.69 -1.43 0.01	28.54 -1.22 0.01
MARSHVLE_115KV_TB1 80742	27.59 1.78 0.00	25.58 1.58 0.00	23.17 1.35 0.00	22.37 1.25 0.00	22.06 1.17 0.00	23.14 1.35 0.00	25.88 1.30 0.00	27.22 1.10 0.00	28.04 1.03 0.00	28.56 0.99 0.00	29.70 1.09 0.00	31.77 1.08 0.10	35.27 1.45 0.00	35.53 1.67 0.20	36.17 2.06 0.22	39.09 2.22 0.13	44.43 2.44 0.11	51.95 3.67 0.00	50.12 4.31 0.00	45.84 4.17 0.00	43.59 4.43 0.00	39.27 3.67 0.00	37.20 3.07 0.00	32.15 2.38 0.00
MARSH_HILL_WT_PWR 323713	25.73 -0.08 0.00	23.52 -0.48 0.00	21.39 -0.44 0.00	20.87 -0.25 0.00	20.72 -0.17 0.00	21.40 -0.39 0.00	24.38 -0.20 0.00	26.25 0.13 0.00	27.21 0.19 0.00	28.03 0.47 0.00	28.90 0.29 0.00	31.13 0.34 0.00	33.92 0.10 0.00	34.60 0.54 0.00	34.88 0.55 0.00	37.44 0.41 -0.04	42.49 0.25 -0.13	48.45 0.00 -0.17	46.01 -0.14 -0.33	42.18 0.29 -0.21	39.66 0.39 -0.11	36.13 0.53 0.00	34.30 0.17 0.00	29.62 -0.15 0.00
MCINTYRE_115KV_TB2 80467	25.53 -0.28 0.00	23.81 -0.19 0.00	21.63 -0.20 0.00	21.31 0.19 0.00	21.05 0.17 0.00	21.64 -0.15 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.77 -0.24 0.00	27.34 -0.22 0.00	28.36 -0.26 0.00	30.48 -0.31 0.00	33.34 -0.47 0.00	33.21 -0.85 0.00	33.00 -1.34 0.00	35.19 -1.81 0.00	40.16 -1.94 0.00	46.35 -1.93 0.00	43.93 -1.88 0.00	40.17 -1.50 0.00	37.71 -1.45 0.01	30.01 -1.14 4.45	33.27 -0.85 0.01	29.19 -0.57 0.01
MECO_____69_KV_BK1 80468	28.52 2.71 0.00	26.42 2.42 0.00	23.85 2.03 0.00	23.03 1.90 0.00	22.77 1.88 0.00	23.91 2.11 0.00	26.91 2.33 0.00	28.45 2.32 0.00	29.37 2.35 0.00	29.80 2.23 0.00	31.10 2.49 0.00	33.35 2.68 0.12	37.06 3.25 0.00	37.29 3.47 0.24	37.88 3.81 0.26	40.92 4.07 0.15	46.64 4.67 0.13	54.70 6.42 0.00	52.68 6.87 0.00	47.92 6.25 0.00	45.35 6.19 0.00	40.83 5.23 0.00	38.60 4.47 0.00	33.28 3.51 0.00
MENANDS___115KV_TB5 355628	26.48 0.67 0.00	24.72 0.72 0.00	22.48 0.65 0.00	21.72 0.59 0.00	21.43 0.54 0.00	22.40 0.61 0.00	25.19 0.61 0.00	26.75 0.63 0.00	27.61 0.59 0.00	28.09 0.52 0.00	29.24 0.63 0.00	31.22 0.62 0.19	34.49 0.68 0.00	34.52 0.85 0.39	34.97 1.06 0.43	38.09 1.33 0.25	43.44 1.56 0.22	50.16 1.88 0.00	47.74 1.92 0.00	43.38 1.71 0.00	40.77 1.61 0.00	36.84 1.25 0.00	35.09 0.96 0.00	30.69 0.92 0.00
MG INDUSTRY___DRP 24185	26.43 0.62 0.00	24.67 0.67 0.00	22.41 0.59 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.12 0.54 0.00	26.64 0.52 0.00	27.50 0.49 0.00	28.01 0.44 0.00	29.10 0.49 0.00	31.14 0.46 0.11	34.33 0.51 0.00	34.48 0.65 0.23	34.94 0.86 0.25	37.97 1.11 0.14	43.32 1.35 0.13	49.92 1.64 0.00	47.42 1.60 0.00	43.13 1.46 0.00	40.53 1.37 0.00	36.70 1.10 0.00	35.02 0.89 0.00	30.57 0.80 0.00

MID___OSWEGATCHIE_HYD 23849	25.55 -0.26 0.00	23.76 -0.24 0.00	21.58 -0.24 0.00	21.10 -0.02 0.00	20.87 -0.02 0.00	21.62 -0.17 0.00	24.50 -0.07 0.00	25.99 -0.13 0.00	26.75 -0.27 0.00	27.32 -0.25 0.00	28.30 -0.31 0.00	30.42 -0.37 0.00	33.31 -0.51 0.00	33.34 -0.72 0.00	33.17 -1.17 0.00	35.61 -1.44 -0.06	40.76 -1.56 -0.22	47.21 -1.35 -0.28	45.16 -1.19 -0.54	40.93 -1.08 -0.35	38.35 -0.98 -0.17	31.95 -0.85 2.79	33.34 -0.79 0.00	29.17 -0.60 0.00
MID___RAQUETTE_HYD 23851	25.22 -0.59 0.00	23.50 -0.50 0.00	21.36 -0.46 0.00	21.06 -0.06 0.00	20.80 -0.08 0.00	21.36 -0.44 0.00	24.21 -0.37 0.00	25.70 -0.42 0.00	26.50 -0.51 0.00	27.04 -0.52 0.00	28.07 -0.54 0.00	30.21 -0.59 0.00	32.94 -0.88 0.00	32.73 -1.33 0.00	32.48 -1.85 0.00	34.62 -2.40 -0.03	39.60 -2.61 -0.11	45.67 -2.75 -0.14	43.39 -2.70 -0.28	39.52 -2.33 -0.18	37.05 -2.19 -0.08	29.57 -1.82 4.21	32.73 -1.40 0.01	28.75 -1.01 0.01
MILLIKEN___1 23584	26.33 0.52 0.00	24.31 0.31 0.00	22.08 0.26 0.00	21.31 0.19 0.00	21.12 0.23 0.00	22.08 0.28 0.00	24.99 0.42 0.00	26.57 0.44 0.00	27.50 0.49 0.00	28.03 0.47 0.00	29.04 0.43 0.00	31.28 0.49 0.00	34.29 0.47 0.00	34.77 0.72 0.00	35.16 0.82 0.00	38.07 0.96 -0.10	43.59 1.09 -0.40	50.14 1.35 -0.50	48.08 1.28 -0.99	43.60 1.29 -0.63	40.76 1.29 -0.31	36.77 1.17 0.00	35.16 1.02 0.00	30.48 0.71 0.00
MILLIKEN___2 23585	26.33 0.52 0.00	24.31 0.31 0.00	22.08 0.26 0.00	21.31 0.19 0.00	21.12 0.23 0.00	22.08 0.28 0.00	24.99 0.42 0.00	26.57 0.44 0.00	27.50 0.49 0.00	28.03 0.47 0.00	29.04 0.43 0.00	31.28 0.49 0.00	34.29 0.47 0.00	34.77 0.72 0.00	35.16 0.82 0.00	38.07 0.96 -0.10	43.59 1.09 -0.40	50.14 1.35 -0.50	48.08 1.28 -0.99	43.60 1.29 -0.63	40.76 1.29 -0.31	36.77 1.17 0.00	35.16 1.02 0.00	30.48 0.71 0.00
MILLIKEN___DIESEL 23629	26.33 0.52 0.00	24.31 0.31 0.00	22.08 0.26 0.00	21.31 0.19 0.00	21.12 0.23 0.00	22.08 0.28 0.00	24.99 0.42 0.00	26.57 0.44 0.00	27.50 0.49 0.00	28.03 0.47 0.00	29.04 0.43 0.00	31.28 0.49 0.00	34.29 0.47 0.00	34.77 0.72 0.00	35.16 0.82 0.00	38.07 0.96 -0.10	43.59 1.09 -0.40	50.14 1.35 -0.50	48.08 1.28 -0.99	43.60 1.29 -0.63	40.76 1.29 -0.31	36.77 1.17 0.00	35.16 1.02 0.00	30.48 0.71 0.00
MILLSEAT___LFGE 323607	25.71 -0.10 0.00	23.11 -0.89 0.00	21.12 -0.70 0.00	20.95 -0.17 0.00	20.74 -0.15 0.00	20.99 -0.81 0.00	23.86 -0.71 0.00	25.70 -0.42 0.00	26.48 -0.54 0.00	27.34 -0.22 0.00	28.13 -0.49 0.00	30.30 -0.49 0.00	32.91 -0.91 0.00	33.62 -0.44 0.00	33.92 -0.41 0.00	36.22 -0.78 0.00	40.88 -1.22 0.00	46.16 -2.12 -0.01	43.67 -2.15 -0.01	40.34 -1.34 0.00	38.30 -0.86 0.00	35.46 -0.14 0.00	34.03 -0.10 0.00	29.74 -0.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.15 1.34 0.00	25.30 1.30 0.00	23.00 1.18 0.00	22.24 1.12 0.00	21.95 1.07 0.00	22.97 1.18 0.00	25.83 1.25 0.00	27.72 1.59 0.00	28.66 1.65 0.00	29.33 1.76 0.00	30.70 2.09 0.00	33.30 2.31 -0.20	36.46 2.64 0.00	37.32 2.86 -0.40	38.01 3.23 -0.44	41.10 3.85 -0.26	46.75 4.42 -0.23	53.21 4.92 0.00	50.30 4.49 0.00	45.55 3.88 0.00	42.88 3.72 0.00	38.45 2.85 0.00	36.59 2.46 0.00	31.76 1.99 0.00
MILLWOOD_13_KV_LOAD 356217	27.23 1.42 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.29 1.16 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.88 1.30 0.00	27.77 1.65 0.00	28.74 1.73 0.00	29.41 1.85 0.00	30.79 2.17 0.00	33.42 2.43 -0.20	36.59 2.77 0.00	37.49 3.03 -0.40	38.18 3.40 -0.44	41.32 4.07 -0.26	47.00 4.67 -0.23	53.54 5.26 0.00	50.58 4.76 0.00	45.76 4.08 0.00	43.04 3.88 0.00	38.55 2.95 0.00	36.73 2.59 0.00	31.82 2.05 0.00
MODEL_CITY_ENERGY 24167	25.14 -0.67 0.00	22.56 -1.44 0.00	20.64 -1.18 0.00	20.60 -0.53 0.00	20.36 -0.52 0.00	20.44 -1.35 0.00	23.22 -1.35 0.00	24.95 -1.18 0.00	25.72 -1.30 0.00	26.63 -0.94 0.00	27.38 -1.23 0.00	29.44 -1.35 0.00	31.89 -1.93 0.00	32.63 -1.43 0.00	32.86 -1.48 0.00	35.00 -2.00 0.00	39.49 -2.61 0.00	44.42 -3.86 0.00	41.97 -3.85 0.00	38.80 -2.87 0.00	36.93 -2.23 0.00	34.28 -1.32 0.00	33.01 -1.13 0.00	28.99 -0.77 0.00
MODERN_LFGE___ 323580	25.14 -0.67 0.00	22.56 -1.44 0.00	20.64 -1.18 0.00	20.60 -0.53 0.00	20.36 -0.52 0.00	20.44 -1.35 0.00	23.22 -1.35 0.00	24.95 -1.18 0.00	25.72 -1.30 0.00	26.63 -0.94 0.00	27.38 -1.23 0.00	29.44 -1.35 0.00	31.89 -1.93 0.00	32.63 -1.43 0.00	32.86 -1.48 0.00	35.00 -2.00 0.00	39.49 -2.61 0.00	44.42 -3.86 0.00	41.97 -3.85 0.00	38.80 -2.87 0.00	36.93 -2.23 0.00	34.28 -1.32 0.00	33.01 -1.13 0.00	28.99 -0.77 0.00
MOHAWK_PAPER___DRP 24187	26.63 0.83 0.00	24.84 0.84 0.00	22.56 0.74 0.00	21.80 0.68 0.00	21.53 0.65 0.00	22.51 0.72 0.00	25.31 0.74 0.00	26.85 0.73 0.00	27.74 0.73 0.00	28.23 0.66 0.00	29.39 0.77 0.00	31.40 0.80 0.19	34.70 0.88 0.00	34.72 1.06 0.39	35.17 1.27 0.43	38.34 1.59 0.25	43.69 1.81 0.22	50.50 2.22 0.00	48.10 2.29 0.00	43.71 2.04 0.00	41.08 1.92 0.00	37.09 1.50 0.00	35.33 1.19 0.00	30.87 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	27.07 1.26 0.00	25.20 1.20 0.00	22.83 1.00 0.00	22.03 0.91 0.00	21.81 0.92 0.00	22.84 1.05 0.00	25.73 1.16 0.00	27.22 1.10 0.00	28.15 1.13 0.00	28.64 1.08 0.00	29.59 0.97 0.00	31.74 1.14 0.19	35.17 1.35 0.00	35.02 1.36 0.40	35.51 1.61 0.44	38.63 1.89 0.25	44.02 2.15 0.22	51.23 2.95 0.00	49.20 3.39 0.00	44.76 3.08 0.00	42.33 3.17 0.00	38.13 2.53 0.00	36.21 2.08 0.00	31.49 1.73 0.00
MONGAUP___HYD 23641	27.05 1.24 0.00	25.13 1.13 0.00	22.87 1.05 0.00	22.08 0.95 0.00	21.83 0.94 0.00	22.82 1.02 0.00	25.63 1.06 0.00	27.35 1.23 0.00	28.31 1.30 0.00	28.86 1.30 0.00	30.10 1.49 0.00	32.61 1.66 -0.16	35.78 1.96 0.00	36.60 2.21 -0.33	37.23 2.54 -0.36	40.27 3.07 -0.21	45.94 3.66 -0.18	52.63 4.35 0.00	49.84 4.03 0.00	45.17 3.50 0.00	42.61 3.45 0.00	38.38 2.78 0.00	36.48 2.35 0.00	31.61 1.85 0.00
MONTAUK___DIESEL 23721	34.22 2.25 -6.16	26.09 2.09 0.00	23.81 1.99 0.00	22.90 1.77 0.00	22.68 1.80 0.00	24.04 2.24 0.00	26.74 2.16 0.00	28.97 2.85 0.00	35.37 3.16 -5.19	35.47 3.34 -4.57	41.95 4.03 -9.30	43.96 4.74 -8.42	45.53 5.28 -6.43	68.50 5.62 -28.82	76.56 6.11 -36.12	95.55 6.81 -51.75	141.26 7.87 -91.29	206.78 9.08 -149.42	145.88 8.38 -91.68	134.90 7.21 -86.02	57.57 6.58 -11.83	57.42 5.48 -16.34	43.86 4.68 -5.05	43.02 3.96 -9.29
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.12 0.31 0.00	23.57 -0.43 0.00	21.52 -0.31 0.00	20.64 -0.49 0.00	20.53 -0.36 0.00	21.51 -0.28 0.00	24.23 -0.34 0.00	25.81 -0.31 0.00	26.96 -0.05 0.00	27.56 0.00 0.00	28.96 0.34 0.00	31.10 0.31 0.00	33.72 -0.10 0.00	34.47 0.41 0.00	34.64 0.31 0.00	36.89 -0.11 0.00	41.22 -0.88 0.00	46.55 -1.74 0.00	43.89 -1.92 0.00	40.30 -1.38 0.00	38.18 -0.98 0.00	35.24 -0.36 0.00	33.89 -0.24 0.00	29.56 -0.21 0.00

MORTIMER_115KV_TB3 55949	25.53 -0.28 0.00	23.28 -0.72 0.00	21.19 -0.63 0.00	20.36 -0.76 0.00	20.22 -0.67 0.00	21.16 -0.63 0.00	23.94 -0.64 0.00	25.52 -0.60 0.00	26.56 -0.46 0.00	27.10 -0.47 0.00	28.21 -0.40 0.00	30.36 -0.43 0.00	33.18 -0.64 0.00	33.75 -0.31 0.00	34.06 -0.27 0.00	36.59 -0.41 0.00	41.38 -0.72 0.00	46.98 -1.30 0.00	44.44 -1.37 0.00	40.71 -0.96 0.00	38.61 -0.55 0.00	35.49 -0.11 0.00	34.03 -0.10 0.00	29.59 -0.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.36 1.55 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.12 1.33 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.66 2.09 0.00	31.07 2.46 0.00	29.06 2.71 4.44	36.88 3.08 0.01	36.03 3.30 1.34	33.14 3.67 4.87	36.55 4.33 4.78	47.30 4.97 -0.23	53.69 5.41 0.00	50.67 4.86 0.00	45.97 4.29 0.00	43.31 4.15 0.00	38.80 3.20 0.00	36.96 2.83 0.00	32.03 2.26 0.00
MUNSVILLE_WIND_PWR 323609	27.49 1.68 0.00	25.37 1.37 0.00	23.04 1.22 0.00	22.33 1.20 0.00	22.10 1.21 0.00	23.14 1.35 0.00	26.30 1.72 0.00	27.95 1.83 0.00	28.66 1.65 0.00	29.27 1.71 0.00	30.21 1.60 0.00	32.52 1.72 0.00	35.71 1.89 0.00	36.31 2.25 0.00	36.77 2.44 0.00	39.88 2.81 -0.07	45.68 3.33 -0.25	52.85 4.25 -0.32	50.84 4.40 -0.63	46.20 4.13 -0.40	43.24 3.88 -0.20	38.91 3.31 0.00	36.89 2.76 0.00	31.97 2.20 0.00
N SALMON___HYD 24042	25.65 -0.15 0.00	23.88 -0.12 0.00	21.71 -0.11 0.00	21.02 -0.11 0.00	20.78 -0.10 0.00	21.71 -0.09 0.00	24.63 0.05 0.00	26.20 0.08 0.00	27.04 0.03 0.00	27.68 0.11 0.00	28.79 0.17 0.00	30.92 0.12 0.00	33.78 -0.03 0.00	33.69 -0.37 0.00	33.51 -0.82 0.00	35.78 -1.22 0.00	40.88 -1.22 0.00	47.08 -1.21 0.00	44.39 -1.42 0.00	40.63 -1.04 0.00	37.94 -1.21 0.01	29.52 -1.17 4.91	32.96 -1.16 0.01	28.78 -0.98 0.01
N.AKRON___115KV_KNAPP 355671	25.65 -0.15 0.00	23.11 -0.89 0.00	21.08 -0.74 0.00	20.17 -0.95 0.00	20.09 -0.79 0.00	21.07 -0.72 0.00	23.72 -0.86 0.00	25.29 -0.84 0.00	26.42 -0.59 0.00	26.93 -0.63 0.00	28.16 -0.46 0.00	30.24 -0.55 0.00	32.91 -0.91 0.00	33.65 -0.41 0.00	33.92 -0.41 0.00	36.26 -0.74 0.00	40.88 -1.22 0.00	46.16 -2.12 0.00	43.67 -2.15 0.00	40.17 -1.50 0.00	38.30 -0.86 0.00	35.46 -0.14 0.00	34.06 -0.07 0.00	29.77 0.00 0.00
N.BELMOR_69_KV_BK1 55787	33.96 1.99 -6.16	25.82 1.82 0.00	23.46 1.64 0.00	22.62 1.50 0.00	22.35 1.46 0.00	23.47 1.68 0.00	26.27 1.70 0.00	28.32 2.19 0.00	34.53 2.32 -5.19	34.59 2.45 -4.57	40.77 2.86 -9.30	42.42 3.20 -8.42	43.87 3.62 -6.43	50.00 3.85 -12.10	74.64 4.19 -36.12	93.54 4.81 -51.74	100.32 5.52 -52.70	94.91 6.18 -40.45	76.84 5.63 -25.39	104.08 4.92 -57.49	55.75 4.78 -11.82	55.75 3.81 -16.34	42.63 3.45 -5.05	41.86 2.80 -9.29
N.E._GEN_SANDY PD 24062	26.76 0.96 0.00	25.01 1.01 0.00	24.20 0.94 -1.44	21.97 0.85 0.00	21.70 0.81 0.00	23.90 0.94 -1.17	25.49 0.91 0.00	27.06 0.94 0.00	28.02 1.00 0.00	28.42 0.86 0.00	29.70 1.09 0.00	30.45 1.11 1.44	35.14 1.32 0.00	32.55 1.46 2.97	32.81 1.75 3.27	37.30 2.18 1.88	42.92 2.48 1.66	51.18 2.90 0.00	48.70 2.89 0.00	44.22 2.54 0.00	41.55 2.39 0.00	37.45 1.85 0.00	35.67 1.54 0.00	31.11 1.34 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.13 1.32 0.00	25.22 1.22 0.00	22.96 1.13 0.00	22.20 1.08 0.00	21.91 1.02 0.00	22.90 1.11 0.00	25.78 1.20 0.00	27.64 1.52 0.00	28.61 1.59 0.00	29.27 1.71 0.00	30.64 2.03 0.00	33.22 2.25 -0.18	36.42 2.60 0.00	37.26 2.83 -0.37	37.97 3.23 -0.41	41.08 3.85 -0.24	46.73 4.42 -0.21	53.30 5.02 0.00	50.30 4.49 0.00	45.55 3.88 0.00	42.88 3.72 0.00	38.45 2.85 0.00	36.59 2.46 0.00	31.73 1.96 0.00
N.QUEENS_27_KV_LOAD 356247	27.43 1.63 0.00	25.58 1.58 0.00	23.20 1.37 0.00	22.50 1.37 0.00	22.20 1.32 0.00	23.12 1.33 0.00	26.08 1.50 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	31.27 2.66 0.01	39.03 2.96 -5.28	37.21 3.38 -0.01	39.95 3.58 -2.31	44.40 3.95 -6.12	47.25 4.62 -5.63	47.42 5.09 -0.23	53.74 5.46 0.00	50.67 4.86 0.00	46.05 4.38 0.00	43.47 4.31 0.00	38.95 3.35 0.00	37.10 2.97 0.00	32.18 2.41 0.00
N.TROY___115KV_TB1 355778	26.71 0.90 0.00	24.91 0.91 0.00	22.65 0.83 0.00	21.88 0.76 0.00	21.62 0.73 0.00	22.62 0.83 0.00	25.41 0.84 0.00	26.96 0.84 0.00	27.85 0.84 0.00	28.34 0.77 0.00	29.44 0.83 0.00	31.40 0.86 0.25	34.83 1.01 0.00	34.70 1.16 0.52	35.14 1.37 0.57	38.37 1.70 0.33	43.75 1.94 0.29	50.65 2.37 0.00	48.29 2.47 0.00	43.92 2.25 0.00	41.31 2.15 0.00	37.31 1.71 0.00	35.50 1.37 0.00	31.02 1.25 0.00
NARROWS_GT1_1 24228	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT1_2 24229	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT1_3 24230	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT1_4 24231	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT1_5 24232	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02

NARROWS_GT1_6 24233	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT1_7 24234	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT1_8 24235	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_1 24236	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_2 24237	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_3 24238	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_4 24239	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_5 24240	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_6 24241	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_7 24242	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NARROWS_GT2_8 24243	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.82 1.01 0.00	24.98 0.98 0.00	22.69 0.87 0.00	21.93 0.80 0.00	21.64 0.75 0.00	22.60 0.81 0.00	25.39 0.81 0.00	26.83 0.71 0.00	27.66 0.65 0.00	28.01 0.44 0.00	28.98 0.37 0.00	31.31 0.59 0.07	34.19 0.37 0.00	34.94 1.02 0.14	35.45 1.27 0.16	38.46 1.55 0.09	44.00 1.98 0.08	50.50 2.22 0.00	48.24 2.43 0.00	43.88 2.21 0.00	41.35 2.19 0.00	37.52 1.92 0.00	35.63 1.50 0.00	31.11 1.34 0.00
NCHELSEA_115KV_TR2 355582	27.25 1.45 0.00	25.34 1.34 0.00	23.07 1.24 0.00	22.31 1.18 0.00	22.01 1.13 0.00	23.01 1.22 0.00	25.88 1.30 0.00	27.69 1.57 0.00	28.64 1.62 0.00	29.27 1.71 0.00	30.53 1.92 0.00	33.13 2.19 -0.15	36.39 2.57 0.00	37.24 2.86 -0.32	37.94 3.26 -0.35	41.08 3.88 -0.20	46.82 4.55 -0.18	53.45 5.17 0.00	50.53 4.72 0.00	45.76 4.08 0.00	43.04 3.88 0.00	38.62 3.03 0.00	36.73 2.59 0.00	31.82 2.05 0.00
NEG CAPITAL____MECHNVIL 23645	27.07 1.26 0.00	25.22 1.22 0.00	22.87 1.05 0.00	22.10 0.97 0.00	21.85 0.96 0.00	22.86 1.07 0.00	25.71 1.13 0.00	27.22 1.10 0.00	28.18 1.16 0.00	28.64 1.07 0.00	29.76 1.15 0.00	31.84 1.26 0.22	35.30 1.49 0.00	35.25 1.63 0.45	35.70 1.85 0.49	38.94 2.22 0.28	44.38 2.53 0.25	51.47 3.19 0.00	49.15 3.34 0.00	44.71 3.04 0.00	42.10 2.94 0.00	37.98 2.39 0.00	36.14 2.01 0.00	31.46 1.70 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.19 -0.62 0.00	23.02 -0.99 0.00	20.97 -0.85 0.00	20.47 -0.66 0.00	20.26 -0.63 0.00	20.92 -0.87 0.00	23.77 -0.81 0.00	25.44 -0.68 0.00	26.26 -0.76 0.00	26.98 -0.58 0.00	27.81 -0.80 0.00	30.02 -0.77 0.00	32.80 -1.01 0.00	33.34 -0.72 0.00	33.65 -0.69 0.00	36.18 -0.81 0.00	41.00 -1.09 0.00	46.64 -1.64 0.00	44.16 -1.65 0.00	40.51 -1.17 0.00	38.22 -0.94 0.00	35.07 -0.53 0.00	33.55 -0.58 0.00	29.14 -0.63 0.00

NEG CENTRAL___DRP 24199	25.89 0.08 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.85 -0.27 0.00	20.70 -0.19 0.00	21.64 -0.15 0.00	24.53 -0.05 0.00	26.12 0.00 0.00	27.07 0.05 0.00	27.65 0.08 0.00	28.64 0.03 0.00	30.88 0.09 0.00	33.78 -0.03 0.00	34.30 0.24 0.00	34.64 0.31 0.00	37.44 0.33 -0.11	42.75 0.25 -0.40	48.98 0.19 -0.51	46.94 0.14 -0.99	42.56 0.25 -0.64	39.87 0.39 -0.31	36.10 0.50 0.00	34.51 0.38 0.00	29.89 0.12 0.00
NEG CENTRAL___INDECK 23768	26.35 0.54 0.00	23.93 -0.07 0.00	21.80 -0.02 0.00	21.34 0.21 0.00	21.14 0.25 0.00	21.77 -0.02 0.00	24.80 0.22 0.00	26.62 0.50 0.00	27.31 0.30 0.00	27.98 0.41 0.00	28.73 0.11 0.00	30.98 0.19 0.00	33.65 -0.17 0.00	34.23 0.17 0.00	34.54 0.21 0.00	37.15 0.15 0.00	42.18 0.08 0.00	48.14 -0.14 0.00	45.90 0.09 0.00	42.55 0.88 0.00	40.33 1.17 0.00	37.02 1.43 0.00	35.29 1.16 0.00	30.51 0.74 0.00
NEG CENTRAL___SENECA 23627	25.94 0.13 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.81 -0.32 0.00	20.66 -0.23 0.00	21.64 -0.15 0.00	24.53 -0.05 0.00	26.15 0.03 0.00	27.15 0.14 0.00	27.70 0.14 0.00	28.76 0.14 0.00	30.98 0.18 0.00	33.82 0.00 0.00	34.40 0.34 0.00	34.75 0.41 0.00	37.46 0.41 -0.06	42.65 0.34 -0.21	48.79 0.24 -0.27	46.48 0.14 -0.53	42.30 0.29 -0.34	39.76 0.43 -0.17	36.24 0.64 0.00	34.64 0.51 0.00	29.98 0.21 0.00
NEG CENTRAL___STATE_STREET 24147	25.94 0.13 0.00	23.95 -0.05 0.00	21.76 -0.07 0.00	21.00 -0.13 0.00	20.82 -0.06 0.00	21.75 -0.04 0.00	24.65 0.07 0.00	26.17 0.05 0.00	27.12 0.11 0.00	27.67 0.11 0.00	28.67 0.06 0.00	30.92 0.12 0.00	33.89 0.07 0.00	34.37 0.31 0.00	34.75 0.41 0.00	37.62 0.48 -0.14	43.14 0.51 -0.53	49.54 0.58 -0.68	47.60 0.46 -1.33	43.02 0.50 -0.85	40.17 0.59 -0.42	36.17 0.57 0.00	34.61 0.48 0.00	29.98 0.21 0.00
NEG MILLWOOD___DRP 24198	27.36 1.55 0.00	25.44 1.44 0.00	23.15 1.33 0.00	22.37 1.25 0.00	22.08 1.19 0.00	23.10 1.31 0.00	25.95 1.38 0.00	27.82 1.70 0.00	28.80 1.78 0.00	29.47 1.90 0.00	30.79 2.17 0.00	33.43 2.46 -0.17	36.69 2.87 0.00	37.58 3.17 -0.35	38.36 3.64 -0.39	41.51 4.29 -0.22	47.31 5.01 -0.20	54.03 5.75 0.00	51.03 5.22 0.00	46.09 4.42 0.00	43.27 4.11 0.00	38.77 3.17 0.00	36.86 2.73 0.00	31.94 2.17 0.00
NEG NORTH_FLCN_SEA 23793	26.02 0.21 0.00	24.17 0.17 0.00	22.00 0.17 0.00	21.42 0.30 0.00	21.22 0.33 0.00	21.99 0.20 0.00	24.95 0.37 0.00	26.62 0.50 0.00	27.42 0.41 0.00	28.12 0.55 0.00	29.27 0.66 0.00	31.47 0.68 0.00	34.33 0.51 0.00	34.30 0.24 0.00	34.06 -0.27 0.00	36.44 -0.55 0.00	41.68 -0.42 0.00	47.90 -0.39 0.00	45.17 -0.64 0.00	41.34 -0.33 0.00	38.37 -0.78 0.01	29.38 -1.00 5.22	32.96 -1.16 0.01	28.75 -1.01 0.01
NEG NORTH_KES_CHATEGAY 23792	25.58 -0.23 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	21.10 -0.02 0.00	20.89 0.00 0.00	21.64 -0.15 0.00	24.53 -0.05 0.00	26.10 -0.03 0.00	26.96 -0.05 0.00	27.59 0.03 0.00	28.70 0.09 0.00	30.82 0.03 0.00	33.68 -0.14 0.00	33.58 -0.48 0.00	33.37 -0.96 0.00	35.67 -1.33 0.00	40.75 -1.35 0.00	46.88 -1.40 0.00	44.30 -1.51 0.00	40.51 -1.17 0.00	37.74 -1.41 0.01	29.07 -1.39 5.14	32.76 -1.37 0.01	28.57 -1.19 0.01
NEG NORTH___ALICE_FALLS 23915	25.99 0.18 0.00	24.14 0.14 0.00	21.97 0.15 0.00	21.38 0.25 0.00	21.18 0.29 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.06 0.50 0.00	29.21 0.60 0.00	31.38 0.59 0.00	34.26 0.44 0.00	34.23 0.17 0.00	34.03 -0.31 0.00	36.41 -0.59 0.00	41.68 -0.42 0.00	47.94 -0.34 0.00	45.17 -0.64 0.00	41.38 -0.29 0.00	38.45 -0.70 0.01	29.43 -0.96 5.21	33.00 -1.13 0.01	28.78 -0.98 0.01
NEG NORTH___LWR_SARANAC 23913	25.99 0.18 0.00	24.14 0.14 0.00	21.97 0.15 0.00	21.38 0.25 0.00	21.18 0.29 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.06 0.50 0.00	29.21 0.60 0.00	31.38 0.59 0.00	34.26 0.44 0.00	34.23 0.17 0.00	34.03 -0.31 0.00	36.41 -0.59 0.00	41.68 -0.42 0.00	47.94 -0.34 0.00	45.17 -0.64 0.00	41.38 -0.29 0.00	38.45 -0.70 0.01	29.43 -0.96 5.21	33.00 -1.13 0.01	28.78 -0.98 0.01
NEG NORTH___PLATTSBURG 23628	25.99 0.18 0.00	24.14 0.14 0.00	21.98 0.15 0.00	21.25 0.13 0.00	21.05 0.17 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.06 0.50 0.00	29.21 0.60 0.00	31.38 0.58 0.00	34.26 0.44 0.00	34.26 0.21 0.00	34.02 -0.31 0.00	36.41 -0.59 0.00	41.68 -0.42 0.00	47.95 -0.34 0.00	45.17 -0.64 0.00	41.38 -0.29 0.00	38.45 -0.70 0.01	29.43 -0.96 5.21	33.00 -1.13 0.01	28.78 -0.98 0.01
NEG WEST_LEA_LOCKPORT 23791	25.27 -0.54 0.00	22.75 -1.25 0.00	20.77 -1.05 0.00	19.88 -1.25 0.00	19.80 -1.09 0.00	20.77 -1.02 0.00	23.32 -1.25 0.00	24.82 -1.31 0.00	25.99 -1.03 0.00	26.49 -1.08 0.00	27.73 -0.89 0.00	29.75 -1.05 0.00	32.30 -1.52 0.00	33.07 -0.99 0.00	33.30 -1.03 0.00	35.52 -1.48 0.00	40.04 -2.06 0.00	45.10 -3.19 -0.01	42.61 -3.21 -0.01	39.17 -2.50 0.00	37.44 -1.72 0.00	34.71 -0.89 0.00	33.45 -0.68 0.00	29.29 -0.48 0.00
NEG WEST___LANCASTR 23811	25.68 -0.13 0.00	23.18 -0.82 0.00	21.12 -0.70 0.00	20.28 -0.84 0.00	20.18 -0.71 0.00	21.14 -0.65 0.00	23.81 -0.76 0.00	25.34 -0.78 0.00	26.45 -0.57 0.00	27.07 -0.50 0.00	28.33 -0.29 0.00	30.42 -0.37 0.00	33.14 -0.68 0.00	33.92 -0.14 0.00	34.27 -0.07 0.00	36.59 -0.41 0.00	41.30 -0.80 0.00	46.74 -1.55 0.00	44.03 -1.79 0.00	40.38 -1.29 0.00	38.34 -0.82 0.00	35.42 -0.18 0.00	34.03 -0.10 0.00	29.83 0.06 0.00
NEG_PENN_ALLEGHNY 23528	26.12 0.31 0.00	24.05 0.05 0.00	21.89 0.07 0.00	21.25 0.13 0.00	21.03 0.15 0.00	21.88 0.09 0.00	24.75 0.17 0.00	26.38 0.26 0.00	27.37 0.35 0.00	28.00 0.44 0.00	29.01 0.40 0.00	31.28 0.49 0.00	34.29 0.47 0.00	34.78 0.72 0.00	35.16 0.82 0.00	38.02 0.96 -0.06	43.40 1.05 -0.25	49.75 1.16 -0.31	47.38 0.96 -0.61	43.06 1.00 -0.39	40.33 0.98 -0.19	36.52 0.92 0.00	34.92 0.79 0.00	30.33 0.56 0.00
NEG___GEN_MONROE 24207	25.60 -0.21 0.00	23.30 -0.70 0.00	21.21 -0.61 0.00	20.36 -0.76 0.00	20.22 -0.67 0.00	21.20 -0.59 0.00	23.96 -0.61 0.00	25.55 -0.57 0.00	26.61 -0.41 0.00	27.12 -0.44 0.00	28.24 -0.37 0.00	30.39 -0.40 0.00	33.18 -0.64 0.00	33.79 -0.27 0.00	34.16 -0.17 0.00	36.67 -0.33 0.00	41.38 -0.72 0.00	46.93 -1.35 0.00	44.44 -1.37 0.00	40.76 -0.92 0.00	38.73 -0.43 0.00	35.63 0.04 0.00	34.17 0.03 0.00	29.83 0.06 0.00
NEPA___ENERGY 23901	25.76 -0.05 0.00	23.28 -0.72 0.00	21.23 -0.59 0.00	20.38 -0.74 0.00	20.28 -0.61 0.00	21.23 -0.57 0.00	23.91 -0.66 0.00	25.50 -0.63 0.00	26.61 -0.41 0.00	27.23 -0.33 0.00	28.53 -0.09 0.00	30.64 -0.15 0.00	33.34 -0.47 0.00	34.09 0.03 0.00	34.44 0.10 0.00	36.74 -0.26 0.00	41.43 -0.67 0.00	46.93 -1.35 0.00	44.17 -1.65 0.00	40.51 -1.17 0.00	38.46 -0.70 0.00	35.53 -0.07 0.00	34.13 0.00 0.00	29.80 0.03 0.00

NEVERSINK___HYD 23608	26.84 1.03 0.00	24.91 0.91 0.00	22.67 0.85 0.00	21.88 0.76 0.00	21.64 0.75 0.00	22.64 0.85 0.00	25.46 0.88 0.00	27.17 1.05 0.00	28.15 1.13 0.00	28.72 1.16 0.00	29.99 1.37 0.00	32.51 1.60 -0.11	35.68 1.86 0.00	35.38 1.09 -0.23	36.07 1.48 -0.26	39.11 1.96 -0.15	44.67 2.44 -0.13	51.08 2.80 0.00	48.38 2.56 0.00	43.76 2.08 0.00	41.20 2.04 0.00	38.05 2.45 0.00	36.18 2.05 0.00	31.34 1.58 0.00
NEWKRMKL_115KV_TB1 55635	26.38 0.57 0.00	24.62 0.62 0.00	22.37 0.55 0.00	21.63 0.51 0.00	21.35 0.46 0.00	22.29 0.50 0.00	25.07 0.49 0.00	26.62 0.50 0.00	27.50 0.49 0.00	27.98 0.41 0.00	29.10 0.49 0.00	31.12 0.49 0.17	34.36 0.54 0.00	34.43 0.72 0.35	34.84 0.89 0.38	37.96 1.18 0.22	43.25 1.35 0.19	49.97 1.69 0.00	47.51 1.70 0.00	43.17 1.50 0.00	40.57 1.41 0.00	36.67 1.07 0.00	34.92 0.79 0.00	30.57 0.80 0.00
NEWTON___FALLS_HYD 23847	25.55 -0.26 0.00	23.76 -0.24 0.00	21.58 -0.24 0.00	21.10 -0.02 0.00	20.87 -0.02 0.00	21.62 -0.17 0.00	24.50 -0.07 0.00	25.99 -0.13 0.00	26.75 -0.27 0.00	27.32 -0.25 0.00	28.30 -0.31 0.00	30.42 -0.37 0.00	33.31 -0.51 0.00	33.34 -0.72 0.00	33.17 -1.17 0.00	35.61 -1.44 -0.06	40.76 -1.56 -0.22	47.21 -1.35 -0.28	45.16 -1.19 -0.54	40.93 -1.08 -0.35	38.35 -0.98 -0.17	31.95 -0.85 2.79	33.34 -0.79 0.00	29.17 -0.60 0.00
NGRID_A1_DSASP 323792	24.73 -1.08 0.00	22.20 -1.80 0.00	20.32 -1.51 0.00	20.17 -0.95 0.00	19.88 -1.00 0.00	20.42 -1.37 0.00	23.13 -1.45 0.00	24.71 -1.41 0.00	25.45 -1.57 0.00	26.38 -1.18 0.00	27.10 -1.52 0.00	29.10 -1.69 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.77 -4.49 0.03	41.34 -4.44 0.03	38.26 -3.42 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
NGRID_A2_DSASP 323793	24.73 -1.08 0.00	22.20 -1.80 0.00	20.32 -1.51 0.00	20.17 -0.95 0.00	19.88 -1.00 0.00	20.42 -1.37 0.00	23.13 -1.45 0.00	24.71 -1.41 0.00	25.45 -1.57 0.00	26.38 -1.18 0.00	27.10 -1.52 0.00	29.10 -1.69 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.77 -4.49 0.03	41.34 -4.44 0.03	38.26 -3.42 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
NGRID_A4_DSASP 323807	24.73 -1.08 0.00	22.20 -1.80 0.00	20.32 -1.51 0.00	20.17 -0.95 0.00	19.88 -1.00 0.00	20.42 -1.37 0.00	23.13 -1.45 0.00	24.71 -1.41 0.00	25.45 -1.57 0.00	26.38 -1.18 0.00	27.10 -1.52 0.00	29.10 -1.69 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.77 -4.49 0.03	41.34 -4.44 0.03	38.26 -3.42 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
NIAGARA_115E_LBMP 323715	25.01 -0.80 0.00	22.44 -1.56 0.00	20.53 -1.29 0.00	20.53 -0.59 0.00	20.30 -0.58 0.00	20.31 -1.48 0.00	23.05 -1.52 0.00	24.79 -1.33 0.00	25.53 -1.49 0.00	26.46 -1.10 0.00	27.18 -1.43 0.00	29.22 -1.57 0.00	31.65 -2.17 0.00	32.36 -1.70 0.00	32.58 -1.75 0.00	34.70 -2.29 0.00	39.15 -2.95 0.00	44.04 -4.25 0.00	41.60 -4.21 0.00	38.46 -3.21 0.00	36.62 -2.54 0.00	34.03 -1.57 0.00	32.76 -1.37 0.00	28.81 -0.95 0.00
NIAGARA_115W_LBMP 323714	24.65 -1.16 0.00	22.15 -1.85 0.00	20.27 -1.55 0.00	20.13 -0.99 0.00	19.84 -1.04 0.00	20.38 -1.42 0.00	23.08 -1.50 0.00	24.63 -1.49 0.00	25.37 -1.65 0.00	26.30 -1.27 0.00	27.01 -1.60 0.00	29.04 -1.75 0.00	31.42 -2.40 0.00	32.12 -1.94 0.00	32.34 -1.99 0.00	34.45 -2.55 0.00	38.86 -3.24 0.00	43.67 -4.59 0.02	41.25 -4.54 0.02	38.13 -3.54 0.00	36.34 -2.82 0.00	33.78 -1.81 0.00	32.56 -1.57 0.00	28.54 -1.22 0.00
NIAGARA_230_LBMP 323716	25.04 -0.77 0.00	22.51 -1.49 0.00	20.60 -1.22 0.00	20.36 -0.76 0.00	20.14 -0.75 0.00	20.53 -1.26 0.00	23.30 -1.28 0.00	25.00 -1.12 0.00	25.75 -1.27 0.00	26.68 -0.88 0.00	27.41 -1.20 0.00	29.47 -1.32 0.00	31.92 -1.89 0.00	32.60 -1.46 0.00	32.86 -1.48 0.00	35.00 -2.00 0.00	39.49 -2.61 0.00	44.41 -3.86 0.00	41.96 -3.85 0.00	38.80 -2.87 0.00	36.93 -2.23 0.00	34.28 -1.32 0.00	33.04 -1.09 0.00	28.96 -0.80 0.00
NIAGARA___115KV_198_GIBSON 55903	24.60 -1.21 0.00	22.15 -1.85 0.00	20.21 -1.61 0.00	19.33 -1.80 0.00	19.26 -1.63 0.00	20.20 -1.59 0.00	22.91 -1.67 0.00	24.19 -1.93 0.00	25.34 -1.67 0.00	25.86 -1.71 0.00	27.01 -1.60 0.00	28.94 -1.85 0.00	31.42 -2.40 0.00	32.15 -1.91 0.00	32.34 -1.99 0.00	34.48 -2.52 0.00	38.86 -3.24 0.00	43.67 -4.59 0.02	41.25 -4.54 0.02	37.92 -3.75 0.00	36.34 -2.82 0.00	33.78 -1.82 0.00	32.60 -1.54 0.00	28.55 -1.22 0.00
NIAGARA____ 23760	25.04 -0.77 0.00	22.51 -1.49 0.00	20.60 -1.22 0.00	20.36 -0.76 0.00	20.14 -0.75 0.00	20.53 -1.26 0.00	23.30 -1.28 0.00	25.00 -1.12 0.00	25.75 -1.27 0.00	26.68 -0.88 0.00	27.41 -1.20 0.00	29.47 -1.32 0.00	31.92 -1.89 0.00	32.60 -1.46 0.00	32.86 -1.48 0.00	35.00 -2.00 0.00	39.49 -2.61 0.00	44.41 -3.86 0.01	41.96 -3.85 0.01	38.80 -2.87 0.00	36.93 -2.23 0.00	34.28 -1.32 0.00	33.04 -1.09 0.00	28.96 -0.80 0.00
NINE_MILE_1 23575	25.22 -0.59 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.64 -0.49 0.00	20.43 -0.46 0.00	21.25 -0.54 0.00	24.01 -0.56 0.00	25.47 -0.65 0.00	26.31 -0.70 0.00	26.88 -0.69 0.00	27.76 -0.86 0.00	29.87 -0.92 0.00	32.77 -1.05 0.00	33.11 -0.95 0.00	33.44 -0.89 0.00	35.10 -0.96 0.94	37.40 -1.13 3.57	42.40 -1.35 4.53	35.69 -1.28 8.84	34.89 -1.12 5.66	35.40 -0.98 2.79	34.74 -0.85 0.00	33.24 -0.89 0.00	28.93 -0.83 0.00
NINE_MILE_2 23744	25.22 -0.59 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.64 -0.49 0.00	20.43 -0.46 0.00	21.25 -0.54 0.00	24.01 -0.56 0.00	25.47 -0.65 0.00	26.31 -0.70 0.00	26.88 -0.69 0.00	27.76 -0.86 0.00	29.87 -0.92 0.00	32.77 -1.05 0.00	33.11 -0.95 0.00	33.44 -0.89 0.00	35.08 -0.96 0.95	37.34 -1.13 3.62	42.33 -1.35 4.60	35.56 -1.28 8.97	34.85 -1.08 5.74	35.35 -0.98 2.83	34.74 -0.85 0.00	33.24 -0.89 0.00	28.93 -0.83 0.00
NM_CAPITAL___DRP 24208	26.43 0.62 0.00	24.67 0.67 0.00	22.43 0.61 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.12 0.54 0.00	26.67 0.55 0.00	27.53 0.51 0.00	28.03 0.47 0.00	29.16 0.54 0.00	31.17 0.55 0.18	34.39 0.57 0.00	34.44 0.75 0.37	34.89 0.96 0.41	37.98 1.22 0.23	43.28 1.39 0.21	50.02 1.74 0.00	47.60 1.79 0.00	43.26 1.58 0.00	40.65 1.49 0.00	36.70 1.10 0.00	34.95 0.82 0.00	30.60 0.83 0.00
NM_CENTRAL___DRP 24181	25.71 -0.10 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.89 -0.23 0.00	20.68 -0.21 0.00	21.60 -0.20 0.00	24.43 -0.15 0.00	25.94 -0.18 0.00	26.88 -0.14 0.00	27.43 -0.14 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.55 -0.27 0.00	33.96 -0.10 0.00	34.30 -0.03 0.00	37.13 0.04 -0.09	42.37 -0.08 -0.36	48.54 -0.19 -0.45	46.51 -0.18 -0.88	42.11 -0.13 -0.56	39.40 -0.04 -0.28	35.63 0.04 0.00	34.10 -0.03 0.00	29.59 -0.18 0.00

NM_FRONTIER___DRP 24179	24.60 -1.21 0.00	22.15 -1.85 0.00	20.21 -1.61 0.00	19.33 -1.80 0.00	19.26 -1.63 0.00	20.20 -1.59 0.00	22.91 -1.67 0.00	24.19 -1.93 0.00	25.34 -1.67 0.00	25.86 -1.71 0.00	27.01 -1.60 0.00	28.94 -1.85 0.00	31.42 -2.40 0.00	32.15 -1.91 0.00	32.34 -1.99 0.00	34.48 -2.52 0.00	38.86 -3.24 0.00	43.67 -4.59 0.02	41.25 -4.54 0.02	37.92 -3.75 0.00	36.34 -2.82 0.00	33.78 -1.82 0.00	32.60 -1.54 0.00	28.55 -1.22 0.00
NM_ST_REGIS___HYD 24053	25.32 -0.49 0.00	23.59 -0.41 0.00	21.43 -0.39 0.00	21.08 -0.04 0.00	20.84 -0.04 0.00	21.42 -0.37 0.00	24.31 -0.27 0.00	25.84 -0.29 0.00	26.61 -0.41 0.00	27.21 -0.36 0.00	28.24 -0.37 0.00	30.36 -0.43 0.00	33.14 -0.68 0.00	32.94 -1.12 0.00	32.69 -1.65 0.00	34.84 -2.18 -0.03	39.89 -2.32 -0.10	46.00 -2.41 -0.13	43.63 -2.43 -0.25	39.79 -2.04 -0.16	37.24 -2.00 -0.07	29.54 -1.71 4.35	32.73 -1.40 0.01	28.72 -1.04 0.01
NORTHPORT___1 23551	33.88 1.91 -6.16	25.80 1.80 0.00	23.44 1.61 0.00	22.52 1.39 0.00	22.26 1.38 0.00	23.47 1.68 0.00	26.22 1.65 0.00	28.21 2.09 0.00	34.48 2.27 -5.19	34.47 2.34 -4.57	40.49 2.58 -9.30	41.77 2.55 -8.42	42.29 2.87 -5.60	41.74 3.13 -4.55	42.22 3.43 -4.45	42.48 4.11 -1.38	42.69 4.71 4.12	42.96 5.26 10.59	43.18 4.76 7.40	43.15 4.09 2.61	42.94 4.00 0.22	42.69 3.06 -4.03	41.98 2.80 -5.05	41.41 2.35 -9.29
NORTHPORT___2 23552	33.88 1.91 -6.16	25.80 1.80 0.00	23.44 1.61 0.00	22.52 1.39 0.00	22.26 1.38 0.00	23.47 1.68 0.00	26.22 1.65 0.00	28.21 2.09 0.00	34.48 2.27 -5.19	34.47 2.34 -4.57	40.49 2.58 -9.30	41.77 2.55 -8.42	42.29 2.87 -5.60	41.74 3.13 -4.55	42.22 3.43 -4.45	42.48 4.11 -1.38	42.69 4.71 4.12	42.96 5.26 10.59	43.03 4.76 7.55	42.98 4.09 2.78	42.94 4.00 0.22	42.69 3.06 -4.03	41.98 2.80 -5.05	41.41 2.35 -9.29
NORTHPORT___3 23553	33.55 1.57 -6.16	25.46 1.46 0.00	23.11 1.29 0.00	22.22 1.10 0.00	21.97 1.09 0.00	23.14 1.35 0.00	25.88 1.30 0.00	27.85 1.72 0.00	34.13 1.92 -5.19	34.12 1.99 -4.57	40.26 2.35 -9.30	41.61 2.40 -8.42	42.18 2.77 -5.59	42.73 3.00 -5.67	42.18 3.40 -4.45	42.40 4.03 -1.37	42.64 4.67 4.13	42.90 5.22 10.60	42.93 4.68 7.56	42.89 4.00 2.78	42.78 3.84 0.23	42.57 2.95 -4.02	41.70 2.53 -5.04	41.08 2.03 -9.28
NORTHPORT___4 23650	33.55 1.57 -6.16	25.46 1.46 0.00	23.11 1.29 0.00	22.22 1.10 0.00	21.97 1.09 0.00	23.14 1.35 0.00	25.88 1.30 0.00	27.85 1.72 0.00	34.13 1.92 -5.19	34.12 1.99 -4.57	40.26 2.35 -9.30	41.61 2.40 -8.42	42.18 2.77 -5.59	42.73 3.00 -5.67	42.18 3.40 -4.45	42.40 4.03 -1.37	42.64 4.67 4.13	42.90 5.22 10.60	42.93 4.68 7.56	42.89 4.00 2.78	42.78 3.84 0.23	42.57 2.95 -4.02	41.70 2.53 -5.04	41.08 2.03 -9.28
NORTHPORT___IC 23718	33.88 1.91 -6.16	25.80 1.80 0.00	23.44 1.61 0.00	22.58 1.46 0.00	22.31 1.42 0.00	23.47 1.68 0.00	26.25 1.67 0.00	28.29 2.17 0.00	34.48 2.27 -5.19	34.53 2.40 -4.57	40.49 2.58 -9.30	41.77 2.56 -8.42	42.29 2.87 -5.60	41.74 3.13 -4.55	42.22 3.43 -4.45	42.48 4.11 -1.38	42.69 4.72 4.12	42.95 5.26 10.59	43.03 4.76 7.55	43.02 4.13 2.78	42.94 3.99 0.22	42.69 3.06 -4.03	41.94 2.76 -5.05	41.41 2.35 -9.29
NORTH___COUNTRY_ESR 323785	25.53 -0.28 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.91 -0.21 0.00	20.70 -0.19 0.00	21.60 -0.20 0.00	24.45 -0.12 0.00	26.04 -0.08 0.00	26.91 -0.11 0.00	27.51 -0.06 0.00	28.64 0.03 0.00	30.76 -0.03 0.00	33.62 -0.20 0.00	33.51 -0.55 0.00	33.34 -1.00 0.00	35.63 -1.37 0.00	40.67 -1.43 0.00	46.73 -1.55 0.00	44.21 -1.60 0.00	40.34 -1.34 0.00	37.63 -1.53 0.01	28.96 -1.49 5.14	32.66 -1.47 0.01	28.51 -1.25 0.01
NPX_GEN_1385_PROXY 323591	33.65 1.68 -6.16	25.78 1.78 0.00	23.41 1.59 0.00	22.50 1.37 0.00	22.26 1.38 0.00	23.45 1.66 0.00	26.20 1.62 0.00	28.21 2.09 0.00	34.37 2.16 -5.19	34.28 2.15 -4.57	39.72 1.80 -9.30	40.94 1.72 -8.42	41.48 2.06 -5.60	40.93 2.32 -4.55	41.50 2.71 -4.45	42.04 3.66 -1.38	42.57 4.59 4.12	43.63 5.94 10.59	44.07 5.68 7.42	43.95 4.92 2.64	43.37 4.42 0.22	42.62 2.99 -4.03	41.57 2.39 -5.05	40.84 1.79 -9.29
NPX_GEN_CSC 323557	33.88 1.91 -6.16	25.78 1.78 0.00	23.48 1.66 0.00	22.48 1.35 0.00	22.24 1.36 0.00	23.56 1.76 0.00	26.17 1.60 0.00	28.21 2.09 0.00	34.48 2.27 -5.19	34.47 2.34 -4.57	40.72 2.81 -9.30	42.36 3.14 -8.42	43.80 3.55 -6.43	66.69 3.85 -28.78	74.71 4.26 -36.12	93.74 4.99 -51.75	139.06 5.77 -91.20	204.01 6.57 -149.17	143.34 6.00 -91.53	132.79 5.17 -85.95	55.92 4.93 -11.83	55.89 3.95 -16.34	42.59 3.41 -5.05	41.89 2.83 -9.29
NSINS_S_GLNS_FALLS 23858	27.05 1.24 0.00	25.18 1.18 0.00	22.80 0.98 0.00	22.01 0.89 0.00	21.78 0.90 0.00	22.82 1.02 0.00	25.71 1.13 0.00	27.19 1.07 0.00	28.12 1.11 0.00	28.61 1.05 0.00	29.53 0.92 0.00	31.68 1.08 0.19	35.10 1.29 0.00	34.96 1.29 0.39	35.41 1.51 0.43	38.56 1.81 0.25	43.94 2.06 0.22	51.13 2.85 0.00	49.16 3.34 0.00	44.71 3.04 0.00	42.29 3.13 0.00	38.13 2.53 0.00	36.18 2.05 0.00	31.49 1.73 0.00
NUCOR_STEEL___DRP 24197	25.99 0.18 0.00	24.02 0.02 0.00	21.82 0.00 0.00	21.06 -0.06 0.00	20.87 -0.02 0.00	21.79 0.00 0.00	24.67 0.10 0.00	26.20 0.08 0.00	27.12 0.11 0.00	27.67 0.11 0.00	28.64 0.03 0.00	30.88 0.09 0.00	33.85 0.03 0.00	34.30 0.24 0.00	34.71 0.38 0.00	37.59 0.44 -0.15	43.09 0.42 -0.57	49.49 0.48 -0.73	47.64 0.41 -1.42	43.04 0.46 -0.91	40.16 0.55 -0.45	36.13 0.53 0.00	34.61 0.48 0.00	30.00 0.24 0.00
NUMBER_THREE_WT_PWR 323818	26.09 0.28 0.00	24.22 0.22 0.00	22.00 0.17 0.00	21.29 0.17 0.00	21.05 0.17 0.00	22.05 0.26 0.00	24.99 0.42 0.00	26.51 0.39 0.00	27.26 0.24 0.00	27.84 0.28 0.00	28.79 0.17 0.00	30.98 0.19 0.00	33.99 0.17 0.00	34.23 0.17 0.00	34.13 -0.20 0.00	36.85 -0.22 -0.07	42.15 -0.21 -0.26	49.05 0.43 -0.33	47.15 0.69 -0.65	42.46 0.37 -0.41	39.75 0.39 -0.20	34.77 0.25 1.08	34.13 0.00 0.00	29.77 0.00 0.00
NYISO_LBMP_REFERENCE 24008	25.81 0.00 0.00	24.00 0.00 0.00	21.82 0.00 0.00	21.12 0.00 0.00	20.89 0.00 0.00	21.79 0.00 0.00	24.58 0.00 0.00	26.12 0.00 0.00	27.02 0.00 0.00	27.56 0.00 0.00	28.61 0.00 0.00	30.79 0.00 0.00	33.82 0.00 0.00	34.06 0.00 0.00	34.33 0.00 0.00	37.00 0.00 0.00	42.10 0.00 0.00	48.28 0.00 0.00	45.81 0.00 0.00	41.67 0.00 0.00	39.16 0.00 0.00	35.60 0.00 0.00	34.13 0.00 0.00	29.77 0.00 0.00
NYPA_BRENTWD____GT 24164	34.22 2.24 -6.16	26.06 2.06 0.00	23.68 1.85 0.00	22.75 1.63 0.00	22.52 1.63 0.00	23.73 1.94 0.00	26.49 1.92 0.00	28.52 2.40 0.00	34.80 2.59 -5.19	34.80 2.67 -4.57	40.98 3.06 -9.30	42.51 3.30 -8.42	43.97 3.72 -6.43	105.51 4.02 -67.43	74.50 4.05 -36.12	93.51 4.77 -51.74	108.43 5.51 -60.82	117.83 6.18 -63.37	90.77 5.63 -39.33	110.00 4.83 -63.49	55.91 4.93 -11.82	55.89 3.95 -16.34	42.76 3.58 -5.05	42.06 3.01 -9.29

NYPA_GOWANUS____GT5 24156	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.05 5.39 -32.56	76.74 5.84 -22.62	80.01 5.18 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NYPA_GOWANUS____GT6 24157	27.56 1.76 0.00	25.61 1.61 0.00	23.22 1.40 0.00	22.46 1.33 0.00	22.18 1.30 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.98 1.85 0.00	29.10 2.08 0.00	29.80 2.23 0.00	36.96 2.77 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.34 4.08 -8.93	107.33 4.77 -65.55	80.05 5.39 -32.56	76.74 5.84 -22.62	80.01 5.18 -29.03	76.52 4.71 -30.14	91.36 4.66 -47.54	52.47 3.59 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02
NYPA_HARLEM__RVR__GT1 24160	27.36 1.55 0.00	25.54 1.54 0.00	23.13 1.31 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.06 1.26 0.00	25.94 1.38 0.01	27.84 1.72 0.01	28.93 1.92 0.01	29.60 2.04 0.01	31.18 2.58 0.01	38.90 2.83 -5.27	37.07 3.25 -0.01	39.81 3.44 -2.31	44.26 3.81 -6.12	41.23 4.44 0.20	47.24 4.92 -0.22	53.54 5.26 0.01	50.48 4.68 0.01	45.87 4.21 0.01	43.35 4.19 0.01	38.83 3.24 0.01	37.03 2.90 0.00	32.09 2.32 0.00
NYPA_HARLEM__RVR__GT2 24161	27.36 1.55 0.00	25.54 1.54 0.00	23.13 1.31 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.06 1.26 0.00	25.94 1.38 0.01	27.84 1.72 0.01	28.93 1.92 0.01	29.60 2.04 0.01	31.18 2.58 0.01	38.90 2.83 -5.27	37.07 3.25 -0.01	39.81 3.44 -2.31	44.26 3.81 -6.12	41.23 4.44 0.20	47.24 4.92 -0.22	53.54 5.26 0.01	50.48 4.68 0.01	45.87 4.21 0.01	43.35 4.19 0.01	38.83 3.24 0.01	37.03 2.90 0.00	32.09 2.32 0.00
NYPA_KENT____GT 24152	27.49 1.68 0.00	25.58 1.58 0.00	23.20 1.38 0.00	22.43 1.31 0.00	22.16 1.27 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.95 1.83 0.00	29.07 2.05 0.00	29.77 2.21 0.00	34.91 2.72 -3.58	40.35 2.96 -6.60	45.64 3.38 -8.44	48.46 3.61 -10.79	46.11 3.98 -7.80	81.62 4.62 -40.00	66.10 5.26 -18.74	66.93 5.69 -12.95	50.88 5.04 -0.03	46.29 4.58 -0.03	43.69 4.50 -0.03	46.69 3.49 -7.60	45.00 3.11 -7.76	32.22 2.44 -0.01
NYPA_POUCH1____GT 24155	27.51 1.70 0.00	25.56 1.56 0.00	23.18 1.35 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.08 1.29 0.00	25.93 1.35 0.00	27.87 1.75 0.00	28.99 1.97 0.00	29.69 2.12 0.00	36.87 2.69 -5.57	41.31 2.93 -7.59	50.30 3.35 -13.13	53.20 3.54 -15.59	47.24 3.98 -8.93	107.25 4.70 -65.55	80.00 5.35 -32.56	76.69 5.79 -22.62	79.97 5.13 -29.03	76.48 4.67 -30.14	91.28 4.58 -47.54	52.40 3.53 -13.27	50.76 3.07 -13.56	32.25 2.47 -0.02
NYPA_VERNON____GT2 24162	27.44 1.63 0.00	25.54 1.54 0.00	23.18 1.35 0.00	22.39 1.27 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.95 1.83 0.00	29.04 2.03 0.00	29.72 2.15 0.00	32.86 2.66 -1.59	39.30 2.89 -5.62	40.89 3.32 -3.76	43.56 3.51 -5.99	44.88 3.88 -6.67	56.00 4.55 -14.45	52.19 5.18 -4.92	57.11 5.55 -3.28	50.77 4.95 -0.01	46.10 4.42 -0.01	43.55 4.39 -0.01	40.91 3.38 -1.92	39.10 3.00 -1.97	32.15 2.38 0.00
NYPA_VERNON____GT3 24163	27.44 1.63 0.00	25.54 1.54 0.00	23.18 1.35 0.00	22.39 1.27 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.03 1.45 0.00	27.95 1.83 0.00	29.04 2.03 0.00	29.72 2.15 0.00	32.86 2.66 -1.59	39.30 2.89 -5.62	40.89 3.32 -3.76	43.56 3.51 -5.99	44.88 3.88 -6.67	56.00 4.55 -14.45	52.19 5.18 -4.92	57.11 5.55 -3.28	50.77 4.95 -0.01	46.10 4.42 -0.01	43.55 4.39 -0.01	40.91 3.38 -1.92	39.10 3.00 -1.97	32.15 2.38 0.00
NYPA____ASTORIA_CC1 323568	27.38 1.57 0.00	25.51 1.51 0.00	23.15 1.33 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.12 1.33 0.00	25.98 1.40 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.66 2.09 0.00	32.00 2.60 -0.78	38.90 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.47 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.47 4.31 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
NYPA____ASTORIA_CC2 323569	27.38 1.57 0.00	25.51 1.51 0.00	23.15 1.33 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.12 1.33 0.00	25.98 1.40 0.00	27.90 1.78 0.00	28.99 1.97 0.00	29.66 2.09 0.00	32.00 2.60 -0.78	38.90 2.83 -5.28	38.93 3.25 -1.87	41.58 3.44 -4.08	44.43 3.81 -6.29	47.26 4.47 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.47 4.31 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.09 2.32 0.00
NYPA____HOLTSVILL 23794	34.04 2.07 -6.16	25.92 1.92 0.00	23.55 1.72 0.00	22.62 1.50 0.00	22.37 1.48 0.00	23.62 1.83 0.00	26.32 1.75 0.00	28.37 2.25 0.00	34.61 2.40 -5.19	34.61 2.48 -4.57	40.75 2.83 -9.30	42.29 3.08 -8.42	43.74 3.48 -6.43	66.48 3.75 -28.68	74.53 4.08 -36.12	93.55 4.81 -51.75	138.07 5.47 -90.50	201.68 6.18 -147.21	141.74 5.59 -90.34	131.99 4.87 -85.44	55.68 4.70 -11.83	55.67 3.74 -16.34	42.56 3.38 -5.05	41.86 2.80 -9.29
NYPA____HELLGATE_GT1 24158	27.36 1.55 0.00	25.54 1.54 0.00	23.13 1.31 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.06 1.26 0.00	25.94 1.38 0.01	27.84 1.72 0.01	28.93 1.92 0.01	29.60 2.04 0.01	31.18 2.58 0.01	38.90 2.83 -5.27	37.07 3.25 -0.01	39.81 3.44 -2.31	44.30 3.84 -6.12	42.27 4.47 -0.80	47.24 4.92 -0.22	53.54 5.26 0.01	50.48 4.68 0.01	45.87 4.21 0.01	43.42 4.27 0.01	38.83 3.24 0.01	37.03 2.90 0.00	32.09 2.32 0.00
NYPA____HELLGATE_GT2 24159	27.36 1.55 0.00	25.54 1.54 0.00	23.13 1.31 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.06 1.26 0.00	25.94 1.38 0.01	27.84 1.72 0.01	28.93 1.92 0.01	29.60 2.04 0.01	31.18 2.58 0.01	38.90 2.83 -5.27	37.07 3.25 -0.01	39.81 3.44 -2.31	44.30 3.84 -6.12	42.27 4.47 -0.80	47.24 4.92 -0.22	53.54 5.26 0.01	50.48 4.68 0.01	45.87 4.21 0.01	43.42 4.27 0.01	38.83 3.24 0.01	37.03 2.90 0.00	32.09 2.32 0.00
NYS_BARGE____HYD 23848	25.37 -0.44 0.00	22.78 -1.22 0.00	20.84 -0.98 0.00	20.72 -0.40 0.00	20.51 -0.38 0.00	20.68 -1.11 0.00	23.47 -1.11 0.00	25.26 -0.86 0.00	26.02 -1.00 0.00	26.93 -0.63 0.00	27.73 -0.89 0.00	29.81 -0.99 0.00	32.30 -1.52 0.00	33.07 -0.99 0.00	33.31 -1.03 0.00	35.48 -1.52 0.00	40.04 -2.06 0.00	45.10 -3.19 -0.01	42.61 -3.21 -0.01	39.38 -2.29 0.00	37.44 -1.72 0.00	34.74 -0.85 0.00	33.45 -0.68 0.00	29.32 -0.45 0.00
OAK ORCHARD____HYD 24046	25.58 -0.23 0.00	23.28 -0.72 0.00	21.23 -0.59 0.00	20.76 -0.36 0.00	20.55 -0.33 0.00	21.18 -0.61 0.00	24.04 -0.54 0.00	25.78 -0.34 0.00	26.61 -0.40 0.00	27.37 -0.19 0.00	28.21 -0.40 0.00	30.39 -0.40 0.00	33.17 -0.64 0.00	33.75 -0.31 0.00	34.06 -0.28 0.00	36.56 -0.44 0.00	41.38 -0.72 0.00	46.98 -1.30 0.00	44.44 -1.37 0.00	40.84 -0.83 0.00	38.61 -0.55 0.00	35.49 -0.11 0.00	34.00 -0.14 0.00	29.59 -0.18 0.00

OAKDALE___35_KV_LOAD 356122	26.02 0.21 0.00	23.98 -0.02 0.00	21.82 0.00 0.00	21.06 -0.06 0.00	20.87 -0.02 0.00	21.79 0.00 0.00	24.63 0.05 0.00	26.20 0.08 0.00	27.23 0.22 0.00	27.81 0.25 0.00	28.90 0.29 0.00	31.13 0.34 0.00	34.16 0.34 0.00	34.60 0.54 0.00	35.02 0.69 0.00	37.88 0.81 -0.06	43.22 0.88 -0.24	49.50 0.92 -0.30	47.18 0.78 -0.59	42.84 0.79 -0.38	40.17 0.82 -0.19	36.35 0.75 0.00	34.75 0.61 0.00	30.21 0.45 0.00
OCC_CHEM___DRP 24175	24.67 -1.14 0.00	22.20 -1.80 0.00	20.27 -1.55 0.00	19.39 -1.73 0.00	19.32 -1.57 0.00	20.27 -1.53 0.00	22.95 -1.62 0.00	24.24 -1.88 0.00	25.39 -1.62 0.00	25.91 -1.65 0.00	27.10 -1.52 0.00	29.04 -1.76 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.81 -4.44 0.03	41.34 -4.44 0.03	38.05 -3.63 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
OH_GEN_PROXY 24063	25.04 -0.77 0.00	22.54 -1.46 0.00	20.60 -1.22 0.00	20.34 -0.78 0.00	20.14 -0.75 0.00	20.55 -1.24 0.00	23.32 -1.25 0.00	25.03 -1.10 0.00	25.80 -1.22 0.00	26.71 -0.85 0.00	27.47 -1.15 0.00	29.50 -1.29 0.00	31.96 -1.86 0.00	32.66 -1.40 0.00	32.93 -1.41 0.00	35.07 -1.93 0.00	39.57 -2.52 0.00	44.56 -3.72 0.00	42.10 -3.71 0.00	38.88 -2.79 0.00	36.97 -2.19 0.00	34.35 -1.25 0.00	33.07 -1.06 0.00	28.96 -0.80 0.00
OLIN_CORP_DRP 24177	24.93 -0.88 0.00	22.49 -1.51 0.00	20.51 -1.31 0.00	19.62 -1.50 0.00	19.55 -1.34 0.00	20.51 -1.29 0.00	22.95 -1.62 0.00	24.40 -1.72 0.00	25.56 -1.46 0.00	26.05 -1.52 0.00	27.27 -1.34 0.00	29.22 -1.57 0.00	31.72 -2.10 0.00	32.46 -1.60 0.00	32.65 -1.68 0.00	34.82 -2.18 0.00	39.24 -2.86 0.00	44.13 -4.15 0.00	41.69 -4.12 0.00	38.34 -3.33 0.00	36.69 -2.47 0.00	34.10 -1.50 0.00	32.87 -1.26 0.00	28.84 -0.92 0.00
OLIN_CORP_DSASP 323712	24.73 -1.08 0.00	22.20 -1.80 0.00	20.32 -1.51 0.00	20.17 -0.95 0.00	19.88 -1.00 0.00	20.42 -1.37 0.00	23.13 -1.45 0.00	24.71 -1.41 0.00	25.45 -1.57 0.00	26.38 -1.18 0.00	27.10 -1.52 0.00	29.10 -1.69 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.77 -4.49 0.03	41.34 -4.44 0.03	38.26 -3.42 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
ONEIDA_HERK_LFGE 323681	26.30 0.49 0.00	24.41 0.41 0.00	22.19 0.37 0.00	21.46 0.34 0.00	21.22 0.33 0.00	22.21 0.41 0.00	25.14 0.57 0.00	26.70 0.57 0.00	27.50 0.49 0.00	28.09 0.52 0.00	29.07 0.46 0.00	31.28 0.49 0.00	34.39 0.57 0.00	34.70 0.65 0.00	34.92 0.58 0.00	37.74 0.70 -0.04	43.09 0.84 -0.15	49.72 1.25 -0.19	47.55 1.37 -0.37	43.07 1.17 -0.23	40.37 1.09 -0.12	36.16 0.89 0.33	34.78 0.65 0.00	30.30 0.54 0.00
ONEIDA___115KV_TB4 55905	26.51 0.70 0.00	24.58 0.58 0.00	22.32 0.50 0.00	21.55 0.42 0.00	21.32 0.44 0.00	22.34 0.54 0.00	25.36 0.79 0.00	26.93 0.81 0.00	27.74 0.73 0.00	28.34 0.77 0.00	29.36 0.74 0.00	31.59 0.80 0.00	34.73 0.91 0.00	35.15 1.09 0.00	35.54 1.20 0.00	38.47 1.41 -0.06	43.93 1.60 -0.23	50.41 1.83 -0.29	48.31 1.92 -0.57	43.75 1.71 -0.37	40.99 1.64 -0.18	37.02 1.42 0.00	35.33 1.19 0.00	30.72 0.95 0.00
ONONDAGA_REF_OCCRA 23987	25.68 -0.13 0.00	23.78 -0.22 0.00	21.63 -0.20 0.00	20.87 -0.25 0.00	20.66 -0.23 0.00	21.57 -0.22 0.00	24.40 -0.17 0.00	25.91 -0.21 0.00	26.85 -0.16 0.00	27.40 -0.17 0.00	28.36 -0.26 0.00	30.55 -0.25 0.00	33.55 -0.27 0.00	33.96 -0.10 0.00	34.33 0.00 0.00	37.15 0.04 -0.11	42.49 -0.04 -0.43	48.69 -0.14 -0.55	46.75 -0.14 -1.08	42.24 -0.13 -0.69	39.46 -0.04 -0.34	35.63 0.04 0.00	34.06 -0.07 0.00	29.56 -0.21 0.00
ONONDAGA___COGEN 23986	25.81 0.00 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	20.98 -0.15 0.00	20.78 -0.10 0.00	21.70 -0.09 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.96 -0.05 0.00	27.54 -0.03 0.00	28.47 -0.14 0.00	30.67 -0.12 0.00	33.68 -0.14 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.35 0.18 -0.17	42.91 0.17 -0.64	49.24 0.14 -0.81	47.49 0.09 -1.59	42.81 0.13 -1.02	39.86 0.20 -0.50	35.81 0.21 0.00	34.27 0.14 0.00	29.74 -0.03 0.00
ONTARIO___LFGE 23819	25.96 0.16 0.00	23.76 -0.24 0.00	21.62 -0.20 0.00	21.08 -0.04 0.00	20.89 0.00 0.00	21.64 -0.15 0.00	24.60 0.02 0.00	26.31 0.18 0.00	27.18 0.16 0.00	27.87 0.30 0.00	28.76 0.14 0.00	31.01 0.22 0.00	33.82 0.00 0.00	34.40 0.34 0.00	34.75 0.41 0.00	37.42 0.37 -0.06	42.65 0.34 -0.21	48.75 0.19 -0.27	46.48 0.14 -0.53	42.39 0.37 -0.34	39.76 0.43 -0.17	36.24 0.64 0.00	34.64 0.51 0.00	29.98 0.21 0.00
ORANGEVILLE_WT_PWR 323706	25.60 -0.21 0.00	23.14 -0.86 0.00	21.12 -0.70 0.00	20.79 -0.34 0.00	20.59 -0.29 0.00	21.07 -0.72 0.00	23.94 -0.64 0.00	25.68 -0.44 0.00	26.53 -0.49 0.00	27.43 -0.14 0.00	28.27 -0.34 0.00	30.39 -0.40 0.00	33.01 -0.81 0.00	33.72 -0.34 0.00	33.99 -0.34 0.00	36.33 -0.66 0.00	41.05 -1.05 0.00	46.50 -1.79 0.00	43.89 -1.92 0.00	40.46 -1.21 0.00	38.26 -0.90 0.00	35.24 -0.36 0.00	33.72 -0.41 0.00	29.41 -0.36 0.00
ORANGEVILLE___ESR 323794	25.60 -0.21 0.00	23.14 -0.86 0.00	21.12 -0.70 0.00	20.79 -0.34 0.00	20.59 -0.29 0.00	21.07 -0.72 0.00	23.94 -0.64 0.00	25.68 -0.44 0.00	26.53 -0.49 0.00	27.43 -0.14 0.00	28.27 -0.34 0.00	30.39 -0.40 0.00	33.01 -0.81 0.00	33.72 -0.34 0.00	33.99 -0.34 0.00	36.33 -0.66 0.00	41.05 -1.05 0.00	46.50 -1.79 0.00	43.89 -1.92 0.00	40.46 -1.21 0.00	38.26 -0.90 0.00	35.24 -0.36 0.00	33.72 -0.41 0.00	29.41 -0.36 0.00
OSWEGATCHIE___HYD 24044	25.55 -0.26 0.00	23.76 -0.24 0.00	21.58 -0.24 0.00	20.89 -0.23 0.00	20.66 -0.23 0.00	21.62 -0.18 0.00	24.50 -0.07 0.00	25.99 -0.13 0.00	26.75 -0.27 0.00	27.32 -0.25 0.00	28.30 -0.31 0.00	30.42 -0.37 0.00	33.31 -0.51 0.00	33.34 -0.72 0.00	33.17 -1.17 0.00	35.61 -1.44 -0.06	40.76 -1.56 -0.22	47.21 -1.35 -0.28	45.16 -1.19 -0.54	40.93 -1.08 -0.35	38.35 -0.98 -0.17	31.95 -0.85 2.79	33.34 -0.78 0.00	29.17 -0.60 0.00
OSWEGO___5 23606	25.39 -0.41 0.00	23.54 -0.46 0.00	21.41 -0.42 0.00	20.76 -0.36 0.00	20.55 -0.33 0.00	21.38 -0.41 0.00	24.16 -0.42 0.00	25.65 -0.47 0.00	26.50 -0.51 0.00	27.10 -0.47 0.00	27.96 -0.66 0.00	30.11 -0.68 0.00	33.04 -0.78 0.00	33.41 -0.65 0.00	33.72 -0.62 0.00	37.07 -0.63 -0.70	44.00 -0.76 -2.66	50.74 -0.92 -3.38	51.49 -0.92 -6.60	45.15 -0.75 -4.22	40.57 -0.67 -2.08	35.03 -0.57 0.00	33.55 -0.58 0.00	29.17 -0.60 0.00
OSWEGO___6 23613	25.39 -0.41 0.00	23.54 -0.46 0.00	21.41 -0.42 0.00	20.76 -0.36 0.00	20.55 -0.33 0.00	21.38 -0.41 0.00	24.16 -0.42 0.00	25.65 -0.47 0.00	26.50 -0.51 0.00	27.10 -0.47 0.00	27.96 -0.66 0.00	30.11 -0.68 0.00	33.04 -0.78 0.00	33.41 -0.65 0.00	33.72 -0.62 0.00	37.07 -0.63 -0.70	44.00 -0.76 -2.66	50.74 -0.92 -3.38	51.49 -0.92 -6.60	45.15 -0.75 -4.22	40.57 -0.67 -2.08	35.03 -0.57 0.00	33.55 -0.58 0.00	29.17 -0.60 0.00

OUTOKUMPU-AB___DRP 24206	25.42 -0.39 0.00	22.87 -1.13 0.00	20.86 -0.96 0.00	19.96 -1.16 0.00	19.88 -1.00 0.00	20.88 -0.92 0.00	23.52 -1.06 0.00	25.00 -1.12 0.00	26.18 -0.84 0.00	26.74 -0.83 0.00	27.98 -0.63 0.00	30.02 -0.77 0.00	32.63 -1.18 0.00	33.45 -0.61 0.00	33.68 -0.65 0.00	35.89 -1.11 0.00	40.46 -1.64 0.00	45.61 -2.70 -0.03	43.05 -2.79 -0.03	39.55 -2.13 0.00	37.75 -1.41 0.00	34.99 -0.61 0.00	33.72 -0.41 0.00	29.50 -0.27 0.00
OXBOW___BTM 323836	25.14 -0.67 0.00	22.56 -1.44 0.00	20.64 -1.18 0.00	20.47 -0.66 0.00	20.20 -0.69 0.00	20.68 -1.11 0.00	23.42 -1.15 0.00	25.10 -1.02 0.00	25.88 -1.13 0.00	26.79 -0.77 0.00	27.58 -1.03 0.00	29.65 -1.14 0.00	32.13 -1.69 0.00	32.90 -1.16 0.00	33.13 -1.20 0.00	35.30 -1.70 0.00	39.78 -2.32 0.00	44.79 -3.52 -0.03	42.31 -3.53 -0.03	39.09 -2.58 0.00	37.17 -2.00 0.00	34.50 -1.10 0.00	33.24 -0.89 0.00	29.11 -0.66 0.00
OXBOW___ 24026	25.06 -0.75 0.00	22.56 -1.44 0.00	20.58 -1.24 0.00	19.69 -1.44 0.00	19.61 -1.27 0.00	20.57 -1.22 0.00	23.25 -1.33 0.00	24.66 -1.46 0.00	25.83 -1.19 0.00	26.35 -1.21 0.00	27.58 -1.03 0.00	29.56 -1.23 0.00	32.13 -1.69 0.00	32.90 -1.16 0.00	33.13 -1.20 0.00	35.30 -1.70 0.00	39.78 -2.32 0.00	44.83 -3.48 -0.03	42.31 -3.53 -0.03	38.88 -2.79 0.00	37.16 -2.00 0.00	34.50 -1.10 0.00	33.24 -0.89 0.00	29.11 -0.65 0.00
OXY_CHEM_DSASP 323612	24.67 -1.14 0.00	22.20 -1.80 0.00	20.27 -1.55 0.00	19.39 -1.73 0.00	19.32 -1.57 0.00	20.27 -1.53 0.00	22.95 -1.62 0.00	24.24 -1.88 0.00	25.39 -1.62 0.00	25.91 -1.65 0.00	27.10 -1.52 0.00	29.04 -1.76 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.81 -4.44 0.03	41.34 -4.44 0.03	38.05 -3.63 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
OZONE_PARK_ESR 323760	27.64 1.83 0.00	25.70 1.70 0.00	23.35 1.53 0.00	22.60 1.48 0.00	22.33 1.44 0.00	23.34 1.55 0.00	26.27 1.70 0.00	28.24 2.12 0.00	29.26 2.24 0.00	29.99 2.43 0.00	31.45 2.83 0.00	39.06 3.14 -5.13	37.35 3.52 -0.02	40.10 3.78 -2.26	44.60 4.15 -6.11	47.50 4.88 -5.62	47.89 5.56 -0.23	54.37 6.08 0.00	51.31 5.50 0.00	46.51 4.83 0.00	43.86 4.70 0.00	39.27 3.67 0.00	37.41 3.28 0.00	32.39 2.62 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.67 -1.14 0.00	22.20 -1.80 0.00	20.27 -1.55 0.00	19.39 -1.73 0.00	19.32 -1.57 0.00	20.27 -1.53 0.00	22.95 -1.62 0.00	24.24 -1.88 0.00	25.39 -1.62 0.00	25.91 -1.65 0.00	27.10 -1.52 0.00	29.04 -1.76 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.81 -4.44 0.03	41.34 -4.44 0.03	38.05 -3.63 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
PACKARD___115KV_DUPONT_184 80571	24.67 -1.14 0.00	22.20 -1.80 0.00	20.27 -1.55 0.00	19.39 -1.73 0.00	19.32 -1.57 0.00	20.27 -1.53 0.00	22.95 -1.62 0.00	24.24 -1.88 0.00	25.39 -1.62 0.00	25.91 -1.65 0.00	27.10 -1.52 0.00	29.04 -1.76 0.00	31.52 -2.30 0.00	32.22 -1.84 0.00	32.45 -1.89 0.00	34.56 -2.44 0.00	38.94 -3.16 0.00	43.81 -4.44 0.03	41.34 -4.44 0.03	38.05 -3.63 0.00	36.42 -2.74 0.00	33.89 -1.71 0.00	32.66 -1.47 0.00	28.64 -1.13 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.36 1.55 0.00	25.49 1.49 0.00	23.11 1.29 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.03 1.24 0.00	25.95 1.38 0.00	27.90 1.78 0.00	28.91 1.89 0.00	29.66 2.09 0.00	31.09 2.49 0.01	38.78 2.71 -5.28	36.94 3.11 -0.01	39.71 3.34 -2.31	44.16 3.71 -6.12	41.62 4.33 -0.30	47.21 4.88 -0.23	53.50 5.21 0.00	50.44 4.63 0.00	45.88 4.21 0.00	43.27 4.11 0.00	38.80 3.20 0.00	36.96 2.83 0.00	32.03 2.26 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.64 1.83 0.00	25.75 1.75 0.00	23.37 1.55 0.00	22.67 1.54 0.00	22.37 1.48 0.00	23.27 1.48 0.00	26.20 1.62 0.00	28.13 2.01 0.00	29.15 2.13 0.00	29.88 2.32 0.00	31.35 2.75 0.01	39.09 3.02 -5.28	37.24 3.42 -0.01	40.02 3.64 -2.31	44.57 4.12 -6.12	42.11 4.81 -0.30	47.72 5.39 -0.23	54.08 5.79 0.00	50.99 5.18 0.00	46.38 4.71 0.00	43.74 4.58 0.00	39.23 3.63 0.00	37.41 3.28 0.00	32.42 2.65 0.00
PATROON___115KV_TB1 80586	26.45 0.65 0.00	24.70 0.70 0.00	22.43 0.61 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.14 0.57 0.00	26.70 0.57 0.00	27.58 0.57 0.00	28.06 0.50 0.00	29.19 0.57 0.00	31.20 0.59 0.17	34.46 0.64 0.00	34.52 0.82 0.36	34.97 1.03 0.39	38.07 1.29 0.23	43.37 1.47 0.20	50.16 1.88 0.00	47.69 1.88 0.00	43.34 1.67 0.00	40.73 1.57 0.00	36.81 1.21 0.00	35.05 0.92 0.00	30.66 0.89 0.00
PATTRSNVILLE___SOLAR 323815	26.71 0.90 0.00	24.86 0.86 0.00	22.56 0.74 0.00	21.82 0.70 0.00	21.57 0.69 0.00	22.55 0.76 0.00	25.39 0.81 0.00	26.91 0.78 0.00	27.82 0.81 0.00	28.34 0.77 0.00	29.47 0.86 0.00	31.57 0.92 0.14	34.93 1.11 0.00	34.99 1.22 0.30	35.45 1.44 0.33	38.51 1.70 0.19	43.87 1.94 0.17	50.74 2.46 0.00	48.33 2.52 0.00	43.96 2.29 0.00	41.43 2.27 0.00	37.41 1.81 0.00	35.67 1.54 0.00	31.02 1.25 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.76 -0.05 0.00	23.21 -0.79 0.00	21.17 -0.65 0.00	20.28 -0.84 0.00	20.20 -0.69 0.00	21.18 -0.61 0.00	23.84 -0.74 0.00	25.39 -0.73 0.00	26.56 -0.46 0.00	27.15 -0.41 0.00	28.44 -0.17 0.00	30.51 -0.28 0.00	33.24 -0.57 0.00	34.06 0.00 0.00	34.37 0.03 0.00	36.70 -0.30 0.00	41.38 -0.72 0.00	46.79 -1.50 0.00	44.08 -1.74 0.00	40.46 -1.21 0.00	38.46 -0.70 0.00	35.53 -0.07 0.00	34.13 0.00 0.00	29.89 0.12 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.36 1.55 0.00	25.44 1.44 0.00	23.15 1.33 0.00	22.37 1.25 0.00	22.08 1.19 0.00	23.10 1.31 0.00	25.95 1.38 0.00	27.82 1.70 0.00	28.80 1.78 0.00	29.47 1.90 0.00	30.79 2.17 0.00	33.43 2.46 -0.17	36.69 2.87 0.00	37.58 3.17 -0.35	38.36 3.64 -0.39	41.51 4.29 -0.22	47.31 5.01 -0.20	54.03 5.75 0.00	51.03 5.22 0.00	46.09 4.42 0.00	43.27 4.11 0.00	38.77 3.17 0.00	36.86 2.73 0.00	31.94 2.17 0.00
PEEKSKILL___ 23653	27.12 1.32 0.00	25.27 1.27 0.00	22.96 1.13 0.00	22.16 1.03 0.00	21.91 1.02 0.00	22.95 1.15 0.00	25.78 1.20 0.00	27.61 1.49 0.00	28.64 1.62 0.00	29.25 1.68 0.00	30.67 2.06 0.00	33.26 2.28 -0.19	36.46 2.64 0.00	37.32 2.86 -0.40	38.00 3.23 -0.44	41.10 3.85 -0.25	46.74 4.42 -0.22	53.26 4.97 0.00	50.30 4.49 0.00	45.50 3.83 0.00	42.88 3.72 0.00	38.45 2.85 0.00	36.59 2.46 0.00	31.73 1.96 0.00
PGE MADISON___WINDPWR 24146	27.49 1.68 0.00	25.37 1.37 0.00	23.04 1.22 0.00	22.33 1.20 0.00	22.10 1.21 0.00	23.14 1.35 0.00	26.30 1.72 0.00	27.95 1.83 0.00	28.66 1.65 0.00	29.27 1.71 0.00	30.21 1.60 0.00	32.52 1.72 0.00	35.71 1.89 0.00	36.31 2.25 0.00	36.77 2.44 0.00	39.88 2.81 -0.07	45.68 3.33 -0.25	52.85 4.25 -0.32	50.84 4.40 -0.63	46.20 4.13 -0.40	43.24 3.88 -0.20	38.91 3.31 0.00	36.89 2.76 0.00	31.97 2.20 0.00

PIERCEFIELD___HYD 23852	25.22 -0.59 0.00	23.50 -0.50 0.00	21.36 -0.46 0.00	21.06 -0.06 0.00	20.80 -0.08 0.00	21.36 -0.44 0.00	24.21 -0.37 0.00	25.70 -0.42 0.00	26.50 -0.51 0.00	27.04 -0.52 0.00	28.07 -0.54 0.00	30.21 -0.59 0.00	32.94 -0.88 0.00	32.73 -1.33 0.00	32.48 -1.85 0.00	34.62 -2.40 -0.03	39.60 -2.61 -0.11	45.67 -2.75 -0.14	43.39 -2.70 -0.28	39.52 -2.33 -0.18	37.05 -2.19 -0.08	29.57 -1.82 4.21	32.73 -1.40 0.01	28.75 -1.01 0.01
PINELAWN_CC_1 323563	34.04 2.07 -6.16	25.90 1.90 0.00	23.50 1.68 0.00	22.60 1.48 0.00	22.35 1.46 0.00	23.56 1.76 0.00	26.32 1.75 0.00	28.32 2.19 0.00	34.59 2.38 -5.19	34.58 2.45 -4.57	40.80 2.89 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	58.15 3.85 -20.24	74.67 4.22 -36.12	93.66 4.92 -51.74	103.06 5.68 -55.28	102.44 6.42 -47.74	81.45 5.82 -29.82	106.11 5.04 -59.40	55.87 4.89 -11.82	55.85 3.92 -16.34	42.63 3.45 -5.05	41.89 2.83 -9.29
PJM_GEN_HTTP_PROXY 323702	27.36 1.55 0.00	25.44 1.44 0.00	23.11 1.29 0.00	22.31 1.18 0.00	22.06 1.17 0.00	23.12 1.33 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.96 1.95 0.00	29.60 2.04 0.00	31.07 2.46 0.00	38.49 2.74 -4.96	36.91 3.08 -0.02	39.60 3.34 -2.20	43.96 3.71 -5.92	46.80 4.36 -5.43	47.29 4.97 -0.23	53.74 5.45 0.00	50.72 4.90 0.00	45.88 4.21 0.00	43.27 4.11 0.00	38.77 3.17 0.00	36.93 2.80 0.00	32.00 2.23 0.00
PJM_GEN_KEystone 24065	26.17 0.36 0.00	24.07 0.07 0.00	21.93 0.11 0.00	21.29 0.17 0.00	21.10 0.21 0.00	21.90 0.11 0.00	24.70 0.12 0.00	26.44 0.31 0.00	27.37 0.35 0.00	28.12 0.55 0.00	29.30 0.69 0.00	32.01 0.77 -0.45	34.56 0.74 0.00	35.46 1.06 -0.34	36.27 1.30 -0.63	38.95 1.44 -0.51	43.78 1.56 -0.12	49.78 1.50 0.00	46.96 1.15 0.00	42.80 1.13 0.00	40.38 1.22 0.00	36.70 1.10 0.00	35.05 0.92 0.00	30.51 0.74 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.78 1.70 -3.27	25.58 1.58 0.00	23.22 1.40 0.00	22.35 1.22 0.00	22.10 1.21 0.00	23.25 1.46 0.00	26.03 1.45 0.00	27.98 1.85 0.00	31.79 2.03 -2.75	32.11 2.12 -2.42	36.06 2.52 -4.93	38.27 2.74 -4.74	40.34 3.11 -3.41	44.04 3.34 -6.64	57.60 3.71 -19.56	68.90 4.36 -27.54	75.15 5.01 -28.04	75.27 5.55 -21.44	64.31 5.04 -13.46	76.52 4.37 -30.47	49.65 4.23 -6.26	47.57 3.31 -8.66	39.74 2.94 -2.68	37.07 2.38 -4.92
PJM_GEN_VFT_PROXY 323633	27.23 1.42 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.24 1.12 0.00	21.99 1.11 0.00	23.06 1.26 0.00	25.90 1.33 0.00	27.82 1.70 0.00	28.88 1.86 0.00	29.52 1.96 0.00	31.02 2.40 0.00	38.60 2.68 -5.13	36.88 3.04 -0.02	39.59 3.27 -2.26	44.05 3.60 -6.11	46.83 4.22 -5.62	47.13 4.80 -0.23	53.45 5.17 0.00	50.44 4.63 0.00	45.71 4.04 0.00	43.16 4.00 0.00	38.69 3.10 0.00	36.86 2.73 0.00	31.91 2.14 0.00
PLATSBRG_115KV_PMLD1 355749	26.02 0.21 0.00	24.17 0.17 0.00	21.97 0.15 0.00	21.40 0.27 0.00	21.20 0.31 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.09 0.52 0.00	29.24 0.63 0.00	31.44 0.65 0.00	34.29 0.47 0.00	34.26 0.20 0.00	34.03 -0.31 0.00	36.41 -0.59 0.00	41.64 -0.46 0.00	47.85 -0.43 0.00	45.12 -0.69 0.00	41.30 -0.38 0.00	38.33 -0.82 0.01	29.35 -1.03 5.22	32.93 -1.19 0.01	28.72 -1.04 0.01
PLEASANTVLY___LBMP 24000	26.94 1.14 0.00	25.13 1.13 0.00	22.85 1.03 0.00	22.10 0.97 0.00	21.83 0.94 0.00	22.82 1.02 0.00	25.66 1.08 0.00	27.45 1.33 0.00	28.37 1.35 0.00	29.00 1.43 0.00	30.30 1.69 0.00	32.87 1.85 -0.23	35.95 2.13 0.00	36.87 2.35 -0.46	37.52 2.68 -0.51	40.51 3.22 -0.29	46.06 3.70 -0.26	52.43 4.15 0.00	49.61 3.80 0.00	45.01 3.33 0.00	42.33 3.17 0.00	38.02 2.42 0.00	36.18 2.05 0.00	31.43 1.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.20 1.39 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.29 1.16 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.88 1.30 0.00	27.77 1.65 0.00	28.72 1.70 0.00	29.38 1.82 0.00	30.76 2.15 0.00	33.39 2.40 -0.20	36.52 2.71 0.00	37.40 2.93 -0.41	38.12 3.33 -0.45	41.22 3.96 -0.26	46.88 4.55 -0.23	53.35 5.07 0.00	50.39 4.58 0.00	45.67 4.00 0.00	42.96 3.80 0.00	38.52 2.92 0.00	36.66 2.53 0.00	31.82 2.05 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.20 1.39 0.00	25.34 1.34 0.00	23.04 1.22 0.00	22.29 1.16 0.00	21.99 1.11 0.00	23.01 1.22 0.00	25.88 1.30 0.00	27.77 1.65 0.00	28.72 1.70 0.00	29.38 1.82 0.00	30.76 2.15 0.00	33.39 2.40 -0.20	36.52 2.71 0.00	37.40 2.93 -0.41	38.12 3.33 -0.45	41.22 3.96 -0.26	46.88 4.55 -0.23	53.35 5.07 0.00	50.39 4.58 0.00	45.67 4.00 0.00	42.96 3.80 0.00	38.52 2.92 0.00	36.66 2.53 0.00	31.82 2.05 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.13 1.32 0.00	25.25 1.25 0.00	22.98 1.16 0.00	22.22 1.10 0.00	21.95 1.07 0.00	22.95 1.15 0.00	25.81 1.23 0.00	27.59 1.46 0.00	28.50 1.49 0.00	29.11 1.54 0.00	30.39 1.77 0.00	32.79 2.00 0.00	36.15 2.33 0.00	36.65 2.59 0.00	37.32 2.99 0.00	40.55 3.55 0.00	46.27 4.17 0.00	53.01 4.73 0.00	50.16 4.35 0.00	45.47 3.79 0.00	42.76 3.60 0.00	38.38 2.78 0.00	36.52 2.39 0.00	31.67 1.91 0.00
POLETTI____ 23519	27.33 1.52 0.00	25.46 1.46 0.00	23.13 1.31 0.00	22.39 1.27 0.00	22.12 1.23 0.00	23.12 1.33 0.00	26.00 1.43 0.00	27.95 1.83 0.00	28.93 1.92 0.00	29.66 2.09 0.00	31.07 2.46 0.00	38.66 2.74 -5.13	36.91 3.08 -0.02	39.66 3.34 -2.26	44.15 3.71 -6.11	46.98 4.37 -5.62	47.24 4.93 -0.21	53.62 5.36 0.02	50.62 4.81 0.00	45.88 4.21 0.00	43.27 4.11 0.00	38.77 3.17 0.00	36.93 2.80 0.00	32.00 2.23 0.00
POMONA___ESR 323819	27.12 1.32 0.00	25.22 1.22 0.00	22.93 1.11 0.00	22.14 1.01 0.00	21.89 1.00 0.00	22.90 1.11 0.00	25.76 1.18 0.00	27.56 1.44 0.00	28.61 1.59 0.00	29.22 1.65 0.00	30.64 2.03 0.00	33.22 2.25 -0.18	36.42 2.60 0.00	37.26 2.83 -0.37	37.97 3.23 -0.41	41.08 3.85 -0.24	46.73 4.42 -0.21	53.30 5.02 0.00	50.30 4.49 0.00	45.50 3.83 0.00	42.88 3.72 0.00	38.45 2.85 0.00	36.59 2.46 0.00	31.73 1.96 0.00
PORT_JEFF_3 23555	34.04 2.07 -6.16	25.90 1.90 0.00	23.55 1.72 0.00	22.60 1.48 0.00	22.35 1.46 0.00	23.60 1.81 0.00	26.30 1.72 0.00	28.34 2.22 0.00	34.61 2.40 -5.19	34.58 2.45 -4.57	40.77 2.86 -9.30	42.36 3.14 -8.42	43.77 3.52 -6.43	66.22 3.65 -28.51	74.40 3.95 -36.12	93.41 4.66 -51.75	139.45 5.22 -92.13	205.88 5.79 -151.81	144.17 5.22 -93.14	132.94 4.63 -86.64	55.53 4.54 -11.83	55.53 3.59 -16.34	42.59 3.41 -5.05	41.89 2.83 -9.29
PORT_JEFF_4 23616	34.04 2.07 -6.16	25.90 1.90 0.00	23.55 1.72 0.00	22.60 1.48 0.00	22.35 1.46 0.00	23.60 1.81 0.00	26.30 1.72 0.00	28.34 2.22 0.00	34.61 2.40 -5.19	34.58 2.45 -4.57	40.77 2.86 -9.30	42.36 3.14 -8.42	43.77 3.52 -6.43	66.22 3.65 -28.51	74.40 3.95 -36.12	93.41 4.66 -51.75	139.45 5.22 -92.13	205.88 5.79 -151.81	144.17 5.22 -93.14	132.94 4.63 -86.64	55.53 4.54 -11.83	55.53 3.59 -16.34	42.59 3.41 -5.05	41.89 2.83 -9.29

PORT_JEFF_IC 23713	34.09 2.12 -6.16	25.94 1.94 0.00	23.59 1.77 0.00	22.69 1.56 0.00	22.41 1.52 0.00	23.64 1.85 0.00	26.37 1.79 0.00	28.45 2.32 0.00	34.64 2.43 -5.19	34.70 2.56 -4.57	40.83 2.92 -9.30	42.45 3.23 -8.42	43.87 3.62 -6.43	65.18 3.81 -27.31	74.43 3.98 -36.12	93.45 4.70 -51.75	145.61 5.35 -98.16	223.06 5.94 -168.84	154.67 5.36 -103.50	137.52 4.75 -91.10	55.57 4.58 -11.83	55.53 3.60 -16.34	42.66 3.48 -5.05	41.98 2.92 -9.29
PPL PILGRIM_ST_GT1 24216	34.22 2.24 -6.16	26.06 2.06 0.00	23.68 1.85 0.00	22.75 1.63 0.00	22.52 1.63 0.00	23.73 1.94 0.00	26.49 1.92 0.00	28.52 2.40 0.00	34.80 2.59 -5.19	34.80 2.67 -4.57	40.98 3.06 -9.30	42.51 3.30 -8.42	43.97 3.72 -6.43	105.51 4.02 -67.43	74.50 4.05 -36.12	93.51 4.77 -51.74	108.43 5.51 -60.82	117.83 6.18 -63.37	90.77 5.63 -39.33	110.00 4.83 -63.49	55.91 4.93 -11.82	55.89 3.95 -16.34	42.76 3.58 -5.05	42.06 3.01 -9.29
PPL PILGRIM_ST_GT2 24217	34.22 2.24 -6.16	26.06 2.06 0.00	23.68 1.85 0.00	22.75 1.63 0.00	22.52 1.63 0.00	23.73 1.94 0.00	26.49 1.92 0.00	28.52 2.40 0.00	34.80 2.59 -5.19	34.80 2.67 -4.57	40.98 3.06 -9.30	42.51 3.30 -8.42	43.97 3.72 -6.43	105.51 4.02 -67.43	74.50 4.05 -36.12	93.51 4.77 -51.74	108.43 5.51 -60.82	117.83 6.18 -63.37	90.77 5.63 -39.33	110.00 4.83 -63.49	55.91 4.93 -11.82	55.89 3.95 -16.34	42.76 3.58 -5.05	42.06 3.01 -9.29
PPL_SHRM_GT3 24213	33.93 1.96 -6.16	25.80 1.80 0.00	23.50 1.68 0.00	22.50 1.37 0.00	22.26 1.38 0.00	23.58 1.79 0.00	26.20 1.62 0.00	28.24 2.11 0.00	34.50 2.29 -5.19	34.47 2.34 -4.57	40.72 2.81 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	66.50 3.88 -28.56	74.74 4.29 -36.12	93.81 5.07 -51.75	140.92 5.85 -92.97	209.12 6.67 -154.17	146.48 6.09 -94.58	134.19 5.25 -87.26	56.00 5.01 -11.83	55.96 4.02 -16.34	42.66 3.48 -5.05	41.92 2.86 -9.29
PPL_SHRM_GT4 24214	33.93 1.96 -6.16	25.80 1.80 0.00	23.50 1.68 0.00	22.50 1.37 0.00	22.26 1.38 0.00	23.58 1.79 0.00	26.20 1.62 0.00	28.24 2.11 0.00	34.50 2.29 -5.19	34.47 2.34 -4.57	40.72 2.81 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	66.50 3.88 -28.56	74.74 4.29 -36.12	93.81 5.07 -51.75	140.92 5.85 -92.97	209.12 6.67 -154.17	146.48 6.09 -94.58	134.19 5.25 -87.26	56.00 5.01 -11.83	55.96 4.02 -16.34	42.66 3.48 -5.05	41.92 2.86 -9.29
PROJECT___ORANGE 1 24174	25.71 -0.10 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.89 -0.23 0.00	20.68 -0.21 0.00	21.62 -0.17 0.00	24.45 -0.12 0.00	25.97 -0.16 0.00	26.88 -0.14 0.00	27.45 -0.11 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.58 -0.24 0.00	33.99 -0.07 0.00	34.33 0.00 0.00	37.17 0.07 -0.09	42.41 -0.04 -0.35	48.59 -0.14 -0.45	46.51 -0.18 -0.88	42.11 -0.13 -0.56	39.40 -0.04 -0.28	35.63 0.04 0.00	34.10 -0.03 0.00	29.62 -0.15 0.00
PROJECT___ORANGE 2 24166	25.71 -0.10 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.89 -0.23 0.00	20.68 -0.21 0.00	21.62 -0.17 0.00	24.45 -0.12 0.00	25.97 -0.16 0.00	26.88 -0.14 0.00	27.45 -0.11 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.58 -0.24 0.00	33.99 -0.07 0.00	34.33 0.00 0.00	37.17 0.07 -0.09	42.41 -0.04 -0.35	48.59 -0.14 -0.45	46.51 -0.18 -0.88	42.11 -0.13 -0.56	39.40 -0.04 -0.28	35.63 0.04 0.00	34.10 -0.03 0.00	29.62 -0.15 0.00
PUCKETT___SOLAR 323809	26.40 0.59 0.00	24.34 0.34 0.00	22.13 0.31 0.00	21.46 0.34 0.00	21.26 0.38 0.00	22.14 0.35 0.00	25.07 0.49 0.00	26.64 0.52 0.00	27.53 0.51 0.00	28.12 0.55 0.00	29.07 0.46 0.00	31.28 0.49 0.00	34.33 0.51 0.00	34.81 0.75 0.00	35.23 0.89 0.00	38.17 1.11 -0.06	43.64 1.31 -0.23	50.17 1.59 -0.30	48.00 1.60 -0.58	43.67 1.62 -0.37	40.95 1.61 -0.18	37.02 1.43 0.00	35.33 1.19 0.00	30.69 0.92 0.00
PYRITES___HYD 24023	25.50 -0.31 0.00	23.76 -0.24 0.00	21.58 -0.24 0.00	21.29 0.17 0.00	21.05 0.17 0.00	21.64 -0.15 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.80 -0.22 0.00	27.34 -0.22 0.00	28.38 -0.23 0.00	30.51 -0.28 0.00	33.34 -0.47 0.00	33.21 -0.85 0.00	33.00 -1.34 0.00	35.18 -1.85 -0.03	40.18 -2.02 -0.10	46.38 -2.03 -0.13	44.10 -1.97 -0.25	40.25 -1.58 -0.16	37.71 -1.53 -0.07	30.06 -1.21 4.33	33.20 -0.92 0.01	29.14 -0.63 0.01
QUAKERRD_115KV_BK1 80622	25.03 -0.77 0.00	22.90 -1.10 0.00	20.84 -0.98 0.00	20.05 -1.08 0.00	19.90 -0.98 0.00	20.81 -0.98 0.00	23.54 -1.03 0.00	25.08 -1.04 0.00	26.10 -0.92 0.00	26.60 -0.96 0.00	27.67 -0.94 0.00	29.81 -0.99 0.00	32.60 -1.22 0.00	33.11 -0.95 0.00	33.44 -0.89 0.00	35.93 -1.07 0.00	40.71 -1.39 0.00	46.30 -1.98 0.00	43.84 -1.97 0.00	40.09 -1.58 0.00	37.95 -1.21 0.00	34.82 -0.78 0.00	33.35 -0.79 0.00	28.96 -0.80 0.00
QUENSBRY_115KV_TB8 356137	27.02 1.21 0.00	25.15 1.15 0.00	22.78 0.96 0.00	22.01 0.89 0.00	21.76 0.88 0.00	22.79 1.00 0.00	25.71 1.13 0.00	27.30 1.18 0.00	28.23 1.22 0.00	28.72 1.16 0.00	29.64 1.03 0.00	31.83 1.23 0.19	35.27 1.45 0.00	35.10 1.43 0.39	35.62 1.72 0.43	38.71 1.96 0.25	44.15 2.27 0.22	51.42 3.14 0.00	49.20 3.39 0.00	44.76 3.08 0.00	42.33 3.17 0.00	38.16 2.56 0.00	36.21 2.08 0.00	31.49 1.73 0.00
RAMAPO___LBMP 323565	27.02 1.21 0.00	25.13 1.13 0.00	22.87 1.05 0.00	22.12 0.99 0.00	21.83 0.94 0.00	22.84 1.05 0.00	25.68 1.11 0.00	27.53 1.41 0.00	28.47 1.46 0.00	29.16 1.60 0.00	30.50 1.89 0.00	33.07 2.09 -0.18	36.25 2.43 0.00	37.08 2.66 -0.37	37.76 3.02 -0.41	40.82 3.59 -0.23	46.43 4.13 -0.21	52.96 4.68 0.00	49.98 4.17 0.00	45.30 3.63 0.00	42.61 3.45 0.00	38.23 2.63 0.00	36.42 2.29 0.00	31.58 1.82 0.00
RANKINE____ 23646	25.65 -0.15 0.00	23.11 -0.89 0.00	21.08 -0.74 0.00	20.19 -0.93 0.00	20.09 -0.79 0.00	21.07 -0.72 0.00	23.74 -0.84 0.00	25.29 -0.84 0.00	26.45 -0.57 0.00	27.04 -0.52 0.00	28.30 -0.31 0.00	30.36 -0.43 0.00	33.04 -0.78 0.00	33.82 -0.24 0.00	34.09 -0.24 0.00	36.37 -0.63 0.00	41.01 -1.09 0.00	46.26 -2.03 -0.01	43.66 -2.15 -0.01	40.09 -1.58 0.00	38.18 -0.98 0.00	35.35 -0.25 0.00	33.99 -0.14 0.00	29.74 -0.03 0.00
RAVENSWOOD_GT2_1 24244	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.10 2.49 0.00	38.81 2.74 -5.28	36.95 3.11 -0.02	39.72 3.34 -2.32	44.33 3.71 -6.29	47.15 4.37 -5.78	47.30 4.97 -0.23	53.69 5.41 0.00	50.67 4.86 0.00	45.97 4.29 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT2_2 24245	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.10 2.49 0.00	38.81 2.74 -5.28	36.95 3.11 -0.02	39.72 3.34 -2.32	44.33 3.71 -6.29	47.15 4.37 -5.78	47.30 4.97 -0.23	53.69 5.41 0.00	50.67 4.86 0.00	45.97 4.29 0.00	43.31 4.15 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00

RAVENSWOOD_GT2_3 24246	27.38 1.57 0.00	25.49 1.49 0.00	23.17 1.35 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	28.00 1.88 0.00	28.99 1.97 0.00	29.71 2.15 0.00	31.13 2.52 0.00	38.85 2.77 -5.28	36.98 3.15 -0.02	39.75 3.37 -2.32	44.36 3.74 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.74 5.46 0.00	50.71 4.90 0.00	46.01 4.33 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT2_4 24247	27.38 1.57 0.00	25.49 1.49 0.00	23.17 1.35 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	28.00 1.88 0.00	28.99 1.97 0.00	29.71 2.15 0.00	31.13 2.52 0.00	38.85 2.77 -5.28	36.98 3.15 -0.02	39.75 3.37 -2.32	44.36 3.74 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.74 5.46 0.00	50.71 4.90 0.00	46.01 4.33 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT3_1 24248	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.10 2.49 0.00	38.81 2.74 -5.28	36.98 3.15 -0.02	39.72 3.34 -2.32	44.33 3.71 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.69 5.41 0.00	50.71 4.90 0.00	45.97 4.29 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT3_2 24249	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.10 2.49 0.00	38.81 2.74 -5.28	36.98 3.15 -0.02	39.72 3.34 -2.32	44.33 3.71 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.69 5.41 0.00	50.71 4.90 0.00	45.97 4.29 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT3_3 24250	27.41 1.60 0.00	25.51 1.51 0.00	23.20 1.37 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.17 1.37 0.00	26.08 1.50 0.00	28.03 1.91 0.00	29.01 2.00 0.00	29.74 2.18 0.00	31.16 2.55 0.00	38.88 2.80 -5.28	37.05 3.21 -0.02	39.79 3.41 -2.32	44.40 3.78 -6.29	47.22 4.44 -5.78	47.42 5.09 -0.23	53.83 5.55 0.00	50.81 4.99 0.00	46.09 4.42 0.00	43.43 4.27 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.12 2.35 0.00
RAVENSWOOD_GT3_4 24251	27.41 1.60 0.00	25.51 1.51 0.00	23.20 1.37 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.17 1.37 0.00	26.08 1.50 0.00	28.03 1.91 0.00	29.01 2.00 0.00	29.74 2.18 0.00	31.16 2.55 0.00	38.88 2.80 -5.28	37.05 3.21 -0.02	39.79 3.41 -2.32	44.40 3.78 -6.29	47.22 4.44 -5.78	47.42 5.09 -0.23	53.83 5.55 0.00	50.81 4.99 0.00	46.09 4.42 0.00	43.43 4.27 0.00	38.91 3.31 0.00	37.07 2.94 0.00	32.12 2.35 0.00
RAVENSWOOD_GT_1 23729	27.43 1.63 0.00	25.54 1.54 0.00	23.20 1.37 0.00	22.48 1.35 0.00	22.18 1.29 0.00	23.14 1.35 0.00	26.10 1.52 0.00	28.03 1.91 0.00	29.04 2.03 0.00	29.80 2.23 0.00	32.86 2.66 -1.59	39.30 2.89 -5.62	40.89 3.31 -3.76	43.56 3.51 -5.99	44.88 3.88 -6.67	56.00 4.55 -14.45	52.19 5.18 -4.92	57.11 5.55 -3.28	50.77 4.95 -0.01	46.10 4.42 -0.01	43.48 4.31 -0.01	40.91 3.38 -1.92	39.10 3.00 -1.97	32.15 2.38 0.00
RAVENSWOOD_GT_10 24258	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.02 2.49 0.08	38.81 2.74 -5.28	36.76 3.11 0.17	39.54 3.34 -2.14	44.33 3.71 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.69 5.41 0.00	50.71 4.90 0.00	45.97 4.29 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT_11 24259	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.02 2.49 0.08	38.81 2.74 -5.28	36.76 3.11 0.17	39.54 3.34 -2.14	44.33 3.71 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.69 5.41 0.00	50.71 4.90 0.00	45.97 4.29 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT_4 24252	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.11 2.49 -0.01	39.04 2.71 -5.54	36.95 3.11 -0.02	39.78 3.30 -2.42	44.59 3.67 -6.58	53.71 4.33 -12.38	50.87 4.97 -3.80	56.19 5.41 -2.50	50.72 4.90 -0.01	45.97 4.29 -0.01	43.32 4.15 -0.01	40.27 3.20 -1.47	38.46 2.83 -1.50	32.06 2.29 0.00
RAVENSWOOD_GT_5 24254	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.11 2.49 -0.01	39.04 2.71 -5.54	36.95 3.11 -0.02	39.78 3.30 -2.42	44.59 3.67 -6.58	53.71 4.33 -12.38	50.87 4.97 -3.80	56.19 5.41 -2.50	50.72 4.90 -0.01	45.97 4.29 -0.01	43.32 4.15 -0.01	40.27 3.20 -1.47	38.46 2.83 -1.50	32.06 2.29 0.00
RAVENSWOOD_GT_6 24253	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.11 2.49 -0.01	39.04 2.71 -5.54	36.95 3.11 -0.02	39.78 3.30 -2.42	44.59 3.67 -6.58	53.71 4.33 -12.38	50.87 4.97 -3.80	56.19 5.41 -2.50	50.72 4.90 -0.01	45.97 4.29 -0.01	43.32 4.15 -0.01	40.27 3.20 -1.47	38.46 2.83 -1.50	32.06 2.29 0.00
RAVENSWOOD_GT_7 24255	27.38 1.57 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.12 1.23 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.11 2.49 -0.01	39.04 2.71 -5.54	36.95 3.11 -0.02	39.78 3.30 -2.42	44.59 3.67 -6.58	53.71 4.33 -12.38	50.87 4.97 -3.80	56.19 5.41 -2.50	50.72 4.90 -0.01	45.97 4.29 -0.01	43.32 4.15 -0.01	40.27 3.20 -1.47	38.46 2.83 -1.50	32.06 2.29 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.02 2.49 0.08	38.81 2.74 -5.28	36.76 3.11 0.17	39.54 3.34 -2.14	44.33 3.71 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.69 5.41 0.00	50.71 4.90 0.00	45.97 4.29 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD_GT_9 24257	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.14 1.35 0.00	26.05 1.47 0.00	27.98 1.85 0.00	28.96 1.95 0.00	29.69 2.12 0.00	31.02 2.49 0.08	38.81 2.74 -5.28	36.76 3.11 0.17	39.54 3.34 -2.14	44.33 3.71 -6.29	47.15 4.37 -5.78	47.34 5.01 -0.23	53.69 5.41 0.00	50.71 4.90 0.00	45.97 4.29 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00

RAVENSWOOD___1 23533	27.41 1.60 0.00	25.51 1.51 0.00	23.15 1.33 0.00	22.39 1.27 0.00	22.12 1.23 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.92 1.80 0.00	29.01 2.00 0.00	29.69 2.12 0.00	32.03 2.63 -0.78	38.94 2.86 -5.28	38.97 3.28 -1.87	41.65 3.51 -4.08	44.50 3.88 -6.29	47.33 4.55 -5.78	47.46 5.13 -0.23	53.78 5.50 0.00	50.72 4.90 0.00	46.09 4.42 0.00	43.51 4.35 0.00	38.98 3.38 0.00	37.10 2.97 0.00	32.12 2.35 0.00
RAVENSWOOD___2 23534	27.36 1.55 0.00	25.46 1.46 0.00	23.11 1.29 0.00	22.33 1.20 0.00	22.08 1.19 0.00	23.08 1.29 0.00	25.95 1.38 0.00	27.87 1.75 0.00	28.96 1.95 0.00	29.63 2.07 0.00	31.94 2.55 -0.78	38.88 2.80 -5.28	38.90 3.21 -1.87	41.54 3.41 -4.07	44.43 3.81 -6.29	47.22 4.44 -5.78	47.38 5.05 -0.23	53.69 5.41 0.00	50.62 4.81 0.00	46.01 4.33 0.00	43.43 4.27 0.00	38.87 3.27 0.00	37.03 2.90 0.00	32.03 2.26 0.00
RAVENSWOOD___3 23535	27.38 1.57 0.00	25.49 1.49 0.00	23.15 1.33 0.00	22.35 1.22 0.00	22.08 1.19 0.00	23.14 1.35 0.00	26.00 1.42 0.00	27.90 1.78 0.00	28.96 1.95 0.00	29.63 2.07 0.00	31.10 2.49 0.00	38.81 2.74 -5.28	36.98 3.15 -0.02	39.72 3.34 -2.32	44.33 3.71 -6.29	47.15 4.36 -5.78	47.34 5.01 -0.23	53.74 5.45 0.00	50.72 4.90 0.00	45.97 4.29 0.00	43.35 4.19 0.00	38.84 3.24 0.00	37.00 2.87 0.00	32.06 2.29 0.00
RAVENSWOOD___4 23820	27.38 1.57 0.00	25.51 1.51 0.00	23.15 1.33 0.00	22.37 1.25 0.00	22.10 1.21 0.00	23.12 1.33 0.00	26.00 1.42 0.00	27.92 1.80 0.00	29.01 2.00 0.00	29.69 2.12 0.00	31.21 2.60 0.01	38.58 2.83 -4.95	37.07 3.25 -0.01	39.73 3.48 -2.19	44.09 3.84 -5.91	38.76 4.51 2.75	42.85 5.13 4.39	50.55 5.50 3.23	50.66 4.85 0.01	46.04 4.37 0.01	43.50 4.35 0.01	37.05 3.35 1.90	35.16 2.97 1.94	32.09 2.32 0.00
RCPL_TRUST___DRP 24196	27.41 1.60 0.00	25.49 1.49 0.00	23.17 1.35 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.17 1.37 0.00	26.08 1.50 0.00	28.03 1.91 0.00	29.01 2.00 0.00	29.74 2.18 0.00	31.16 2.55 0.00	38.59 2.83 -4.96	37.01 3.18 -0.02	39.67 3.41 -2.20	44.03 3.78 -5.92	46.87 4.44 -5.43	47.42 5.09 -0.23	53.83 5.55 0.00	50.81 4.99 0.00	46.05 4.38 0.00	43.39 4.23 0.00	38.84 3.24 0.00	36.96 2.83 0.00	32.06 2.29 0.00
RED___ROCHESTER 323720	25.73 -0.08 0.00	23.40 -0.60 0.00	21.34 -0.48 0.00	20.87 -0.25 0.00	20.66 -0.23 0.00	21.27 -0.52 0.00	24.16 -0.42 0.00	25.94 -0.18 0.00	26.75 -0.27 0.00	27.54 -0.03 0.00	28.38 -0.23 0.00	30.61 -0.18 0.00	33.45 -0.37 0.00	34.03 -0.03 0.00	34.37 0.03 0.00	36.89 -0.11 0.00	41.76 -0.34 0.00	47.36 -0.92 0.00	44.85 -0.96 0.00	41.22 -0.46 0.00	38.93 -0.23 0.00	35.78 0.18 0.00	34.27 0.14 0.00	29.77 0.00 0.00
REGAN___SOLAR 323812	28.52 2.71 0.00	26.42 2.42 0.00	23.85 2.03 0.00	23.07 1.94 0.00	22.81 1.92 0.00	23.91 2.11 0.00	26.91 2.34 0.00	28.45 2.32 0.00	29.36 2.35 0.00	29.83 2.26 0.00	31.10 2.49 0.00	33.35 2.68 0.12	37.06 3.25 0.00	37.30 3.48 0.24	37.88 3.81 0.26	40.92 4.07 0.15	46.64 4.67 0.13	54.70 6.42 0.00	52.68 6.87 0.00	47.92 6.25 0.00	45.35 6.19 0.00	40.83 5.23 0.00	38.60 4.47 0.00	33.28 3.51 0.00
RENSSELAER___COGEN 23796	26.30 0.49 0.00	24.55 0.55 0.00	22.32 0.50 0.00	21.55 0.42 0.00	21.28 0.40 0.00	22.25 0.46 0.00	24.97 0.39 0.00	26.49 0.37 0.00	27.42 0.41 0.00	27.87 0.30 0.00	29.01 0.40 0.00	30.99 0.37 0.17	34.23 0.41 0.00	34.25 0.54 0.35	34.70 0.75 0.39	37.81 1.03 0.22	43.08 1.18 0.20	49.78 1.50 0.00	47.32 1.51 0.00	43.01 1.33 0.00	40.41 1.25 0.00	36.56 0.96 0.00	34.85 0.72 0.00	30.48 0.71 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.31 2.50 0.00	26.30 2.30 0.00	23.72 1.90 0.00	22.90 1.77 0.00	22.68 1.80 0.00	23.80 2.00 0.00	26.81 2.24 0.00	28.34 2.22 0.00	29.34 2.32 0.00	29.80 2.23 0.00	30.76 2.15 0.00	33.16 2.56 0.19	36.79 2.98 0.00	36.76 3.10 0.39	37.37 3.47 0.43	40.52 3.77 0.25	46.17 4.29 0.22	54.12 5.84 0.00	52.09 6.28 0.00	47.38 5.71 0.00	44.84 5.68 0.00	40.37 4.77 0.00	38.19 4.06 0.00	33.10 3.33 0.00
REVERE_CPPR_DRP 24186	26.66 0.85 0.00	24.72 0.72 0.00	22.45 0.63 0.00	21.69 0.57 0.00	21.45 0.56 0.00	22.49 0.70 0.00	25.51 0.93 0.00	27.06 0.94 0.00	27.88 0.86 0.00	28.50 0.94 0.00	29.50 0.89 0.00	31.75 0.95 0.00	34.90 1.08 0.00	35.32 1.26 0.00	35.67 1.34 0.00	38.61 1.55 -0.05	44.07 1.77 -0.21	50.77 2.22 -0.26	48.66 2.34 -0.51	44.04 2.04 -0.33	41.28 1.96 -0.16	37.12 1.67 0.15	35.53 1.40 0.00	30.90 1.13 0.00
REYNOLDS_115KV_TB3 80639	26.48 0.67 0.00	24.72 0.72 0.00	22.48 0.65 0.00	21.72 0.59 0.00	21.43 0.54 0.00	22.42 0.63 0.00	25.19 0.61 0.00	26.75 0.63 0.00	27.64 0.62 0.00	28.12 0.55 0.00	29.24 0.63 0.00	31.23 0.65 0.21	34.53 0.71 0.00	34.48 0.85 0.43	34.92 1.06 0.47	38.09 1.37 0.27	43.42 1.56 0.24	50.21 1.93 0.00	47.78 1.97 0.00	43.42 1.75 0.00	40.81 1.64 0.00	36.84 1.25 0.00	35.09 0.96 0.00	30.72 0.95 0.00
RIVERBAY____ 323610	27.64 1.83 0.00	25.75 1.75 0.00	23.37 1.55 0.00	22.67 1.54 0.00	22.37 1.48 0.00	23.27 1.48 0.00	26.20 1.62 0.00	28.13 2.01 0.00	29.15 2.13 0.00	29.88 2.32 0.00	31.35 2.75 0.01	39.09 3.02 -5.28	37.24 3.42 -0.01	40.02 3.64 -2.31	44.57 4.12 -6.12	42.11 4.81 -0.30	47.72 5.39 -0.23	54.08 5.79 0.00	50.99 5.18 0.00	46.38 4.71 0.00	43.74 4.58 0.00	39.23 3.63 0.00	37.41 3.28 0.00	32.42 2.65 0.00
RIVERSDE_115KV_TB3 55908	26.43 0.62 0.00	24.67 0.67 0.00	22.43 0.61 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.12 0.54 0.00	26.67 0.55 0.00	27.53 0.51 0.00	28.03 0.47 0.00	29.16 0.54 0.00	31.17 0.55 0.18	34.39 0.57 0.00	34.44 0.75 0.37	34.89 0.96 0.41	37.98 1.22 0.23	43.28 1.39 0.21	50.02 1.74 0.00	47.60 1.79 0.00	43.26 1.58 0.00	40.65 1.49 0.00	36.70 1.10 0.00	34.95 0.82 0.00	30.60 0.83 0.00
ROARING___BROOK_WT_PWR 323790	25.11 -0.70 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.66 -0.46 0.00	20.45 -0.44 0.00	21.36 -0.44 0.00	24.13 -0.44 0.00	25.68 -0.44 0.00	26.61 -0.40 0.00	27.18 -0.39 0.00	28.18 -0.43 0.00	30.27 -0.52 0.00	33.14 -0.68 0.00	33.17 -0.89 0.00	33.20 -1.13 0.00	35.63 -1.37 0.00	40.59 -1.51 0.00	46.64 -1.64 0.00	44.25 -1.56 0.00	40.21 -1.46 0.00	37.54 -1.61 0.01	25.87 -1.53 8.20	32.65 -1.47 0.01	28.45 -1.31 0.01
ROCHESRG_115KV_T4 355643	25.45 -0.36 0.00	23.21 -0.79 0.00	21.12 -0.70 0.00	20.30 -0.82 0.00	20.16 -0.73 0.00	21.09 -0.70 0.00	23.84 -0.74 0.00	25.39 -0.73 0.00	26.45 -0.57 0.00	26.99 -0.58 0.00	28.07 -0.54 0.00	30.21 -0.59 0.00	33.01 -0.81 0.00	33.58 -0.48 0.00	33.89 -0.45 0.00	36.37 -0.63 0.00	41.17 -0.93 0.00	46.74 -1.55 0.00	44.21 -1.60 0.00	40.51 -1.17 0.00	38.42 -0.74 0.00	35.31 -0.28 0.00	33.86 -0.27 0.00	29.44 -0.33 0.00

ROCHESTER_9_IC 23652	25.58 -0.23 0.00	23.30 -0.70 0.00	21.23 -0.59 0.00	20.38 -0.74 0.00	20.26 -0.63 0.00	21.20 -0.59 0.00	23.96 -0.61 0.00	25.55 -0.57 0.00	26.61 -0.41 0.00	27.12 -0.44 0.00	28.24 -0.37 0.00	30.42 -0.37 0.00	33.24 -0.57 0.00	33.82 -0.24 0.00	34.13 -0.21 0.00	36.67 -0.33 0.00	41.47 -0.63 0.00	47.07 -1.21 0.00	44.53 -1.28 0.00	40.80 -0.88 0.00	38.69 -0.47 0.00	35.56 -0.04 0.00	34.06 -0.07 0.00	29.62 -0.15 0.00
ROCKVIEW_13_KV_LD 356306	27.36 1.55 0.00	25.46 1.46 0.00	23.15 1.33 0.00	22.39 1.27 0.00	22.10 1.21 0.00	23.12 1.33 0.00	26.03 1.45 0.00	27.92 1.80 0.00	28.91 1.89 0.00	29.60 2.04 0.00	31.02 2.40 0.00	33.64 2.65 -0.20	36.83 3.01 0.00	37.74 3.27 -0.41	38.42 3.64 -0.45	41.59 4.33 -0.26	47.25 4.93 -0.23	53.79 5.50 0.00	50.81 4.99 0.00	46.01 4.33 0.00	43.31 4.15 0.00	38.77 3.17 0.00	36.90 2.76 0.00	32.00 2.23 0.00
ROME____115KV_TB2 80656	26.66 0.85 0.00	24.72 0.72 0.00	22.45 0.63 0.00	21.69 0.57 0.00	21.45 0.56 0.00	22.49 0.70 0.00	25.51 0.93 0.00	27.06 0.94 0.00	27.88 0.86 0.00	28.50 0.94 0.00	29.50 0.89 0.00	31.75 0.95 0.00	34.90 1.08 0.00	35.32 1.26 0.00	35.67 1.34 0.00	38.61 1.55 -0.05	44.07 1.77 -0.21	50.77 2.22 -0.26	48.66 2.34 -0.51	44.04 2.04 -0.33	41.28 1.96 -0.16	37.12 1.67 0.15	35.53 1.40 0.00	30.90 1.13 0.00
ROSETON____1 23587	26.92 1.11 0.00	25.08 1.08 0.00	22.80 0.98 0.00	22.01 0.89 0.00	21.76 0.88 0.00	22.77 0.98 0.00	25.61 1.03 0.00	27.35 1.23 0.00	28.34 1.32 0.00	28.92 1.35 0.00	30.27 1.66 0.00	32.82 1.85 -0.18	35.95 2.13 0.00	36.75 2.32 -0.37	37.39 2.64 -0.41	40.42 3.18 -0.24	45.97 3.66 -0.21	52.43 4.15 0.00	49.57 3.76 0.00	44.93 3.25 0.00	42.29 3.13 0.00	37.98 2.39 0.00	36.18 2.05 0.00	31.40 1.64 0.00
ROSETON____2 23588	26.92 1.11 0.00	25.08 1.08 0.00	22.80 0.98 0.00	22.01 0.89 0.00	21.76 0.88 0.00	22.77 0.98 0.00	25.61 1.03 0.00	27.35 1.23 0.00	28.34 1.32 0.00	28.92 1.35 0.00	30.27 1.66 0.00	32.82 1.85 -0.18	35.95 2.13 0.00	36.75 2.32 -0.37	37.39 2.64 -0.41	40.42 3.18 -0.24	45.97 3.66 -0.21	52.43 4.15 0.00	49.57 3.76 0.00	44.93 3.25 0.00	42.29 3.13 0.00	37.98 2.39 0.00	36.18 2.05 0.00	31.40 1.64 0.00
ROTTDAM_115KV_TB3 80664	26.56 0.75 0.00	24.74 0.74 0.00	22.48 0.65 0.00	21.72 0.59 0.00	21.47 0.58 0.00	22.45 0.65 0.00	25.26 0.69 0.00	26.85 0.73 0.00	27.74 0.73 0.00	28.25 0.69 0.00	29.36 0.74 0.00	31.48 0.83 0.15	34.80 0.98 0.00	34.84 1.09 0.31	35.27 1.27 0.34	38.32 1.52 0.19	43.70 1.77 0.17	50.45 2.17 0.00	48.01 2.20 0.00	43.63 1.96 0.00	41.08 1.92 0.00	37.13 1.53 0.00	35.39 1.26 0.00	30.81 1.04 0.00
RUSSELL____1 23602	25.68 -0.13 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.47 -0.65 0.00	20.32 -0.56 0.00	21.27 -0.52 0.00	24.06 -0.52 0.00	25.65 -0.47 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.45 -0.37 0.00	34.03 -0.03 0.00	34.37 0.03 0.00	36.89 -0.11 0.00	41.76 -0.34 0.00	47.41 -0.87 0.00	44.85 -0.96 0.00	41.09 -0.58 0.00	38.93 -0.23 0.00	35.78 0.18 0.00	34.27 0.14 0.00	29.77 0.00 0.00
RUSSELL____2 23532	25.68 -0.13 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.47 -0.65 0.00	20.32 -0.56 0.00	21.27 -0.52 0.00	24.06 -0.52 0.00	25.65 -0.47 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.45 -0.37 0.00	34.03 -0.03 0.00	34.37 0.03 0.00	36.89 -0.11 0.00	41.76 -0.34 0.00	47.41 -0.87 0.00	44.85 -0.96 0.00	41.09 -0.58 0.00	38.93 -0.23 0.00	35.78 0.18 0.00	34.27 0.14 0.00	29.77 0.00 0.00
RUSSELL____3 23549	25.68 -0.13 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.47 -0.65 0.00	20.32 -0.56 0.00	21.27 -0.52 0.00	24.06 -0.52 0.00	25.65 -0.47 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.45 -0.37 0.00	34.03 -0.03 0.00	34.37 0.03 0.00	36.89 -0.11 0.00	41.76 -0.34 0.00	47.41 -0.87 0.00	44.85 -0.96 0.00	41.09 -0.58 0.00	38.93 -0.23 0.00	35.78 0.18 0.00	34.27 0.14 0.00	29.77 0.00 0.00
RUSSELL____4 23556	25.68 -0.13 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.47 -0.65 0.00	20.32 -0.56 0.00	21.27 -0.52 0.00	24.06 -0.52 0.00	25.65 -0.47 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.45 -0.37 0.00	34.03 -0.03 0.00	34.37 0.03 0.00	36.89 -0.11 0.00	41.76 -0.34 0.00	47.41 -0.87 0.00	44.85 -0.96 0.00	41.09 -0.58 0.00	38.93 -0.23 0.00	35.78 0.18 0.00	34.27 0.14 0.00	29.77 0.00 0.00
RUSSELL____STATION 23914	25.68 -0.13 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.47 -0.65 0.00	20.32 -0.56 0.00	21.27 -0.52 0.00	24.06 -0.52 0.00	25.65 -0.47 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.45 -0.37 0.00	34.03 -0.03 0.00	34.37 0.03 0.00	36.89 -0.11 0.00	41.76 -0.34 0.00	47.41 -0.87 0.00	44.85 -0.96 0.00	41.09 -0.58 0.00	38.93 -0.23 0.00	35.78 0.18 0.00	34.27 0.14 0.00	29.77 0.00 0.00
S SALMON____HYD 24043	25.63 -0.18 0.00	23.76 -0.24 0.00	21.60 -0.22 0.00	20.93 -0.19 0.00	20.72 -0.17 0.00	21.60 -0.20 0.00	24.45 -0.12 0.00	25.94 -0.18 0.00	26.75 -0.27 0.00	27.32 -0.25 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.31 -0.51 0.00	33.65 -0.41 0.00	33.92 -0.41 0.00	36.81 -0.41 -0.22	42.29 -0.63 -0.82	48.75 -0.58 -1.05	47.44 -0.41 -2.04	42.69 -0.29 -1.31	39.61 -0.19 -0.64	35.00 -0.21 0.38	33.93 -0.20 0.00	29.47 -0.30 0.00
S.PERRY__115KV_TB1 80734	26.33 0.52 0.00	23.93 -0.07 0.00	21.78 -0.04 0.00	20.89 -0.23 0.00	20.78 -0.10 0.00	21.79 0.00 0.00	24.70 0.12 0.00	26.33 0.21 0.00	27.29 0.27 0.00	27.70 0.14 0.00	28.73 0.11 0.00	30.92 0.12 0.00	33.68 -0.14 0.00	34.23 0.17 0.00	34.54 0.21 0.00	37.15 0.15 0.00	42.18 0.08 0.00	48.14 -0.14 0.00	45.90 0.09 0.00	42.42 0.75 0.00	40.30 1.14 0.00	37.02 1.42 0.00	35.29 1.16 0.00	30.51 0.74 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.34 -0.46 0.00	22.85 -1.15 0.00	20.84 -0.98 0.00	19.96 -1.16 0.00	19.86 -1.02 0.00	20.83 -0.96 0.00	23.47 -1.11 0.00	24.97 -1.15 0.00	26.15 -0.86 0.00	26.68 -0.88 0.00	27.93 -0.69 0.00	29.96 -0.83 0.00	32.53 -1.29 0.00	33.31 -0.75 0.00	33.58 -0.76 0.00	35.78 -1.22 0.00	40.33 -1.77 0.00	45.43 -2.85 0.00	42.93 -2.89 0.00	39.42 -2.25 0.00	37.63 -1.53 0.00	34.92 -0.68 0.00	33.62 -0.51 0.00	29.41 -0.36 0.00
SAWYER____23_KV_LOAD 55526	25.34 -0.46 0.00	22.85 -1.15 0.00	20.84 -0.98 0.00	19.96 -1.16 0.00	19.86 -1.02 0.00	20.83 -0.96 0.00	23.47 -1.11 0.00	24.97 -1.15 0.00	26.15 -0.86 0.00	26.68 -0.88 0.00	27.93 -0.69 0.00	29.96 -0.83 0.00	32.53 -1.29 0.00	33.31 -0.75 0.00	33.58 -0.76 0.00	35.78 -1.22 0.00	40.33 -1.77 0.00	45.43 -2.85 0.00	42.93 -2.89 0.00	39.42 -2.25 0.00	37.63 -1.53 0.00	34.92 -0.68 0.00	33.62 -0.51 0.00	29.41 -0.36 0.00

SELKIRK___I 23801	26.43 0.62 0.00	24.67 0.67 0.00	22.41 0.59 0.00	21.65 0.53 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.12 0.54 0.00	26.59 0.47 0.00	27.50 0.49 0.00	27.95 0.39 0.00	29.10 0.49 0.00	31.11 0.43 0.11	34.33 0.51 0.00	34.48 0.65 0.23	34.94 0.86 0.25	37.96 1.11 0.14	43.32 1.35 0.13	49.92 1.64 0.00	47.41 1.60 0.00	43.09 1.42 0.00	40.53 1.37 0.00	36.70 1.10 0.00	35.02 0.89 0.00	30.57 0.80 0.00
SELKIRK___II 23799	26.25 0.44 0.00	24.50 0.50 0.00	22.28 0.46 0.00	21.52 0.40 0.00	21.24 0.35 0.00	22.21 0.41 0.00	24.97 0.39 0.00	26.49 0.37 0.00	27.39 0.38 0.00	27.87 0.30 0.00	29.01 0.40 0.00	30.94 0.28 0.13	34.12 0.30 0.00	34.28 0.48 0.26	34.70 0.65 0.29	37.76 0.93 0.16	43.05 1.09 0.15	49.59 1.30 0.00	47.14 1.33 0.00	42.80 1.13 0.00	40.26 1.09 0.00	36.52 0.92 0.00	34.85 0.72 0.00	30.42 0.65 0.00
SENECA OSWGO___HYD 24041	25.58 -0.23 0.00	23.71 -0.29 0.00	21.56 -0.26 0.00	20.91 -0.21 0.00	20.70 -0.19 0.00	21.53 -0.26 0.00	24.35 -0.22 0.00	25.86 -0.26 0.00	26.72 -0.30 0.00	27.29 -0.28 0.00	28.15 -0.46 0.00	30.33 -0.46 0.00	33.28 -0.54 0.00	33.69 -0.37 0.00	34.02 -0.31 0.00	37.00 -0.30 -0.30	42.87 -0.38 -1.15	49.26 -0.48 -1.47	48.21 -0.46 -2.86	43.17 -0.33 -1.83	39.79 -0.27 -0.90	35.39 -0.21 0.00	33.89 -0.24 0.00	29.41 -0.36 0.00
SENECA___115KV_TB3 355854	25.68 -0.13 0.00	23.14 -0.86 0.00	21.10 -0.72 0.00	20.22 -0.91 0.00	20.13 -0.75 0.00	21.12 -0.68 0.00	23.77 -0.81 0.00	25.34 -0.78 0.00	26.50 -0.51 0.00	27.07 -0.50 0.00	28.36 -0.26 0.00	30.42 -0.37 0.00	33.07 -0.74 0.00	33.89 -0.17 0.00	34.16 -0.17 0.00	36.44 -0.55 0.00	41.09 -1.01 0.00	46.36 -1.93 -0.01	43.76 -2.06 -0.01	40.17 -1.50 0.00	38.26 -0.90 0.00	35.42 -0.18 0.00	34.06 -0.07 0.00	29.80 0.03 0.00
SENECA___ENERGY 23797	25.73 -0.08 0.00	23.69 -0.31 0.00	21.54 -0.28 0.00	20.93 -0.19 0.00	20.74 -0.15 0.00	21.53 -0.26 0.00	24.45 -0.12 0.00	26.10 -0.03 0.00	26.93 -0.08 0.00	27.62 0.06 0.00	28.50 -0.11 0.00	30.73 -0.06 0.00	33.62 -0.20 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.23 0.11 -0.12	42.60 0.04 -0.46	48.82 -0.05 -0.59	46.86 -0.09 -1.14	42.53 0.13 -0.73	39.72 0.20 -0.36	35.92 0.32 0.00	34.30 0.17 0.00	29.74 -0.03 0.00
SHOEMAKER___GT 23640	26.79 0.98 0.00	24.94 0.94 0.00	22.67 0.85 0.00	21.91 0.78 0.00	21.64 0.75 0.00	22.64 0.85 0.00	25.46 0.88 0.00	27.17 1.05 0.00	28.15 1.13 0.00	28.72 1.16 0.00	30.01 1.40 0.00	32.52 1.57 -0.16	35.64 1.82 0.00	36.43 2.04 -0.33	37.03 2.34 -0.36	40.01 2.81 -0.21	45.57 3.29 -0.18	52.05 3.77 0.00	49.25 3.44 0.00	44.63 2.96 0.00	42.02 2.86 0.00	37.81 2.21 0.00	36.01 1.88 0.00	31.25 1.49 0.00
SHOEMAKR_138KV_BK 111 55601	26.82 1.01 0.00	24.94 0.94 0.00	22.67 0.85 0.00	21.93 0.80 0.00	21.66 0.77 0.00	22.64 0.85 0.00	25.49 0.91 0.00	27.25 1.12 0.00	28.18 1.16 0.00	28.78 1.21 0.00	30.04 1.43 0.00	32.55 1.60 -0.16	35.68 1.86 0.00	36.42 2.04 -0.32	37.06 2.37 -0.35	40.05 2.85 -0.20	45.60 3.33 -0.18	52.10 3.81 0.00	49.25 3.44 0.00	44.67 3.00 0.00	42.02 2.86 0.00	37.81 2.21 0.00	36.01 1.88 0.00	31.26 1.49 0.00
SHOREHAM_IC_1 23715	33.93 1.96 -6.16	25.80 1.80 0.00	23.50 1.68 0.00	22.50 1.37 0.00	22.26 1.38 0.00	23.58 1.79 0.00	26.20 1.62 0.00	28.24 2.11 0.00	34.50 2.29 -5.19	34.47 2.34 -4.57	40.72 2.81 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	66.50 3.88 -28.56	74.74 4.29 -36.12	93.81 5.07 -51.75	140.92 5.85 -92.97	209.12 6.67 -154.17	146.48 6.09 -94.58	134.19 5.25 -87.26	56.00 5.01 -11.83	55.96 4.02 -16.34	42.66 3.48 -5.05	41.92 2.86 -9.29
SHOREHAM_IC_2 23716	33.93 1.96 -6.16	25.80 1.80 0.00	23.50 1.68 0.00	22.50 1.37 0.00	22.26 1.38 0.00	23.58 1.79 0.00	26.20 1.62 0.00	28.24 2.11 0.00	34.50 2.29 -5.19	34.47 2.34 -4.57	40.72 2.81 -9.30	42.39 3.17 -8.42	43.84 3.58 -6.43	66.50 3.88 -28.56	74.74 4.29 -36.12	93.81 5.07 -51.75	140.92 5.85 -92.97	209.12 6.67 -154.17	146.48 6.09 -94.58	134.19 5.25 -87.26	56.00 5.01 -11.83	55.96 4.02 -16.34	42.66 3.48 -5.05	41.92 2.86 -9.29
SISSONVILLE____ 23735	25.22 -0.59 0.00	23.50 -0.50 0.00	21.36 -0.46 0.00	21.06 -0.06 0.00	20.80 -0.08 0.00	21.36 -0.44 0.00	24.21 -0.37 0.00	25.70 -0.42 0.00	26.50 -0.51 0.00	27.04 -0.52 0.00	28.07 -0.54 0.00	30.21 -0.59 0.00	32.94 -0.88 0.00	32.73 -1.33 0.00	32.48 -1.85 0.00	34.62 -2.40 -0.03	39.60 -2.61 -0.11	45.67 -2.75 -0.14	43.39 -2.70 -0.28	39.52 -2.33 -0.18	37.05 -2.19 -0.08	29.57 -1.82 4.21	32.73 -1.40 0.01	28.75 -1.01 0.01
SITHE_IND_GS1 24169	25.22 -0.59 0.00	23.42 -0.58 0.00	21.30 -0.52 0.00	20.66 -0.46 0.00	20.45 -0.44 0.00	21.27 -0.52 0.00	24.04 -0.54 0.00	25.47 -0.65 0.00	26.34 -0.67 0.00	26.88 -0.69 0.00	27.73 -0.89 0.00	29.84 -0.95 0.00	32.73 -1.08 0.00	33.11 -0.95 0.00	33.41 -0.93 0.00	35.16 -0.96 0.88	37.63 -1.13 3.33	42.70 -1.35 4.23	36.23 -1.33 8.26	35.27 -1.12 5.28	35.54 -1.02 2.60	34.71 -0.89 0.00	33.21 -0.92 0.00	28.90 -0.86 0.00
SITHE_IND_GS2 24170	25.22 -0.59 0.00	23.42 -0.58 0.00	21.30 -0.52 0.00	20.66 -0.46 0.00	20.45 -0.44 0.00	21.27 -0.52 0.00	24.04 -0.54 0.00	25.47 -0.65 0.00	26.34 -0.67 0.00	26.88 -0.69 0.00	27.73 -0.89 0.00	29.84 -0.95 0.00	32.73 -1.08 0.00	33.11 -0.95 0.00	33.41 -0.93 0.00	35.16 -0.96 0.88	37.63 -1.13 3.33	42.70 -1.35 4.23	36.23 -1.33 8.26	35.27 -1.12 5.28	35.54 -1.02 2.60	34.71 -0.89 0.00	33.21 -0.92 0.00	28.90 -0.86 0.00
SITHE_IND_GS3 24171	25.22 -0.59 0.00	23.42 -0.58 0.00	21.30 -0.52 0.00	20.66 -0.46 0.00	20.45 -0.44 0.00	21.27 -0.52 0.00	24.04 -0.54 0.00	25.47 -0.65 0.00	26.34 -0.67 0.00	26.88 -0.69 0.00	27.73 -0.89 0.00	29.84 -0.95 0.00	32.73 -1.08 0.00	33.11 -0.95 0.00	33.41 -0.93 0.00	35.16 -0.96 0.88	37.63 -1.13 3.33	42.70 -1.35 4.23	36.23 -1.33 8.26	35.27 -1.12 5.28	35.54 -1.02 2.60	34.71 -0.89 0.00	33.21 -0.92 0.00	28.90 -0.86 0.00
SITHE_IND_GS4 24172	25.22 -0.59 0.00	23.42 -0.58 0.00	21.30 -0.52 0.00	20.66 -0.46 0.00	20.45 -0.44 0.00	21.27 -0.52 0.00	24.04 -0.54 0.00	25.47 -0.65 0.00	26.34 -0.67 0.00	26.88 -0.69 0.00	27.73 -0.89 0.00	29.84 -0.95 0.00	32.73 -1.08 0.00	33.11 -0.95 0.00	33.41 -0.93 0.00	35.16 -0.96 0.88	37.63 -1.13 3.33	42.70 -1.35 4.23	36.23 -1.33 8.26	35.27 -1.12 5.28	35.54 -1.02 2.60	34.71 -0.89 0.00	33.21 -0.92 0.00	28.90 -0.86 0.00
SITHE___BATAVIA 24024	25.91 0.10 0.00	23.33 -0.67 0.00	21.32 -0.50 0.00	21.08 -0.04 0.00	20.87 -0.02 0.00	21.18 -0.61 0.00	24.11 -0.47 0.00	25.97 -0.16 0.00	26.75 -0.27 0.00	27.59 0.03 0.00	28.38 -0.23 0.00	30.58 -0.21 0.00	33.24 -0.58 0.00	33.96 -0.10 0.00	34.30 -0.03 0.00	36.66 -0.33 0.00	41.38 -0.72 0.00	46.79 -1.50 -0.01	44.31 -1.51 -0.01	40.92 -0.75 0.00	38.81 -0.35 0.00	35.88 0.28 0.00	34.40 0.27 0.00	30.00 0.24 0.00

SITHE___INDEPEND 23800	25.22 -0.59 0.00	23.42 -0.58 0.00	21.30 -0.52 0.00	20.57 -0.55 0.00	20.36 -0.52 0.00	21.27 -0.52 0.00	24.01 -0.57 0.00	25.44 -0.68 0.00	26.31 -0.70 0.00	26.85 -0.72 0.00	27.73 -0.89 0.00	29.84 -0.95 0.00	32.74 -1.08 0.00	33.11 -0.95 0.00	33.41 -0.93 0.00	35.16 -0.96 0.88	37.63 -1.14 3.33	42.70 -1.35 4.23	36.23 -1.33 8.26	35.22 -1.17 5.28	35.54 -1.02 2.60	34.71 -0.89 0.00	33.21 -0.92 0.00	28.90 -0.86 0.00
SITHE___MASSENA 23902	25.35 -0.46 0.00	23.62 -0.38 0.00	21.47 -0.35 0.00	20.79 -0.34 0.00	20.53 -0.36 0.00	21.44 -0.35 0.00	24.26 -0.32 0.00	25.76 -0.37 0.00	26.58 -0.43 0.00	27.12 -0.44 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.24 -0.58 0.00	33.17 -0.89 0.00	33.10 -1.23 0.00	35.37 -1.63 0.00	40.33 -1.77 0.00	46.40 -1.88 0.00	43.89 -1.92 0.00	40.05 -1.63 0.00	37.55 -1.61 0.01	29.18 -1.32 5.11	33.07 -1.06 0.01	28.96 -0.80 0.01
SITHE___OGDNSBRG 24021	25.53 -0.28 0.00	23.78 -0.22 0.00	21.60 -0.22 0.00	21.29 0.17 0.00	21.03 0.15 0.00	21.62 -0.17 0.00	24.50 -0.07 0.00	25.99 -0.13 0.00	26.77 -0.24 0.00	27.32 -0.25 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.34 -0.47 0.00	33.21 -0.85 0.00	33.03 -1.30 0.00	35.22 -1.78 0.00	40.21 -1.89 0.00	46.35 -1.93 0.00	43.93 -1.88 0.00	40.21 -1.46 0.00	37.71 -1.45 0.01	29.90 -1.14 4.56	33.27 -0.85 0.01	29.16 -0.60 0.01
SITHE___STERLING 23777	26.51 0.70 0.00	24.58 0.58 0.00	22.32 0.50 0.00	21.61 0.49 0.00	21.37 0.48 0.00	22.34 0.55 0.00	25.36 0.79 0.00	26.96 0.84 0.00	27.74 0.73 0.00	28.39 0.83 0.00	29.36 0.74 0.00	31.59 0.80 0.00	34.73 0.91 0.00	35.15 1.09 0.00	35.54 1.20 0.00	38.46 1.41 -0.06	43.93 1.60 -0.23	50.41 1.83 -0.29	48.31 1.92 -0.57	43.75 1.71 -0.37	40.99 1.64 -0.18	37.02 1.43 0.00	35.33 1.19 0.00	30.72 0.95 0.00
SLEIGHT___34_KV_TB1 80719	25.50 -0.31 0.00	23.38 -0.62 0.00	21.25 -0.57 0.00	20.47 -0.65 0.00	20.30 -0.58 0.00	21.25 -0.54 0.00	24.06 -0.52 0.00	25.65 -0.47 0.00	26.64 -0.38 0.00	27.18 -0.39 0.00	28.21 -0.40 0.00	30.42 -0.37 0.00	33.31 -0.51 0.00	33.85 -0.20 0.00	34.20 -0.14 0.00	36.81 -0.22 -0.03	41.81 -0.42 -0.13	47.67 -0.77 -0.16	45.30 -0.82 -0.32	41.33 -0.54 -0.20	38.95 -0.31 -0.10	35.56 -0.04 0.00	34.03 -0.10 0.00	29.53 -0.24 0.00
SOUTH CAIRO___GT 23612	27.05 1.24 0.00	25.18 1.18 0.00	22.89 1.07 0.00	22.12 0.99 0.00	21.83 0.94 0.00	22.79 1.00 0.00	25.61 1.03 0.00	27.06 0.94 0.00	27.85 0.84 0.00	28.20 0.63 0.00	29.13 0.52 0.00	31.49 0.77 0.07	34.39 0.57 0.00	35.18 1.26 0.14	35.76 1.58 0.16	38.80 1.89 0.09	44.46 2.44 0.08	51.03 2.75 0.00	48.84 3.02 0.00	44.42 2.75 0.00	41.90 2.74 0.00	37.98 2.39 0.00	36.04 1.91 0.00	31.40 1.64 0.00
SOUTH HAMPTN___IC 23720	34.22 2.24 -6.16	26.06 2.06 0.00	23.74 1.92 0.00	22.77 1.65 0.00	22.54 1.65 0.00	23.86 2.07 0.00	26.52 1.94 0.00	28.63 2.51 0.00	34.96 2.76 -5.19	35.00 2.87 -4.57	41.35 3.43 -9.30	43.16 3.94 -8.42	44.68 4.43 -6.43	67.64 4.77 -28.82	75.67 5.22 -36.12	94.74 5.99 -51.75	140.28 6.90 -91.27	205.59 7.92 -149.39	144.71 7.24 -91.67	133.89 6.21 -86.01	56.82 5.84 -11.83	56.74 4.80 -16.34	43.31 4.13 -5.05	42.51 3.45 -9.29
SOUTHDOW_115KV_TB1 355954	26.38 0.57 0.00	23.76 -0.24 0.00	21.67 -0.15 0.00	20.81 -0.32 0.00	20.70 -0.19 0.00	21.70 -0.09 0.00	24.53 -0.05 0.00	26.28 0.16 0.00	27.42 0.41 0.00	28.06 0.50 0.00	29.47 0.86 0.00	31.65 0.86 0.00	34.39 0.57 0.00	35.22 1.16 0.00	35.43 1.10 0.00	37.74 0.74 0.00	42.18 0.08 0.00	47.61 -0.68 0.00	44.94 -0.87 0.00	41.26 -0.42 0.00	39.12 -0.04 0.00	36.06 0.46 0.00	34.68 0.55 0.00	30.24 0.48 0.00
SOUTHOLD_69_KV_BK 2 55809	34.37 2.40 -6.16	26.21 2.21 0.00	23.89 2.07 0.00	22.98 1.86 0.00	22.75 1.86 0.00	24.10 2.31 0.00	26.81 2.24 0.00	29.02 2.90 0.00	35.40 3.19 -5.19	35.49 3.36 -4.57	41.95 4.03 -9.30	43.93 4.71 -8.42	45.53 5.28 -6.43	68.50 5.62 -28.82	76.56 6.11 -36.12	95.63 6.88 -51.75	141.35 7.96 -91.30	206.90 9.17 -149.45	145.94 8.43 -91.70	134.95 7.25 -86.02	57.64 6.66 -11.83	57.49 5.55 -16.34	43.92 4.74 -5.05	43.05 3.99 -9.29
SOUTHOLD___IC 23719	34.37 2.40 -6.16	26.21 2.21 0.00	23.90 2.07 0.00	22.94 1.82 0.00	22.72 1.84 0.00	24.10 2.31 0.00	26.76 2.19 0.00	28.97 2.85 0.00	35.39 3.19 -5.19	35.44 3.31 -4.57	41.95 4.04 -9.30	43.93 4.71 -8.42	45.53 5.27 -6.43	68.50 5.62 -28.82	76.56 6.11 -36.12	95.63 6.88 -51.75	141.31 7.91 -91.30	206.91 9.18 -149.45	145.94 8.43 -91.70	134.95 7.25 -86.02	57.64 6.66 -11.83	57.49 5.55 -16.34	43.92 4.74 -5.05	43.05 3.99 -9.29
SOUTH_FORK_WT_PWR 323839	34.14 2.17 -6.16	26.04 2.04 0.00	23.76 1.94 0.00	22.83 1.71 0.00	22.64 1.75 0.00	24.02 2.22 0.00	26.69 2.11 0.00	28.89 2.77 0.00	35.34 3.13 -5.19	35.41 3.28 -4.57	41.92 4.01 -9.30	43.93 4.71 -8.42	45.53 5.27 -6.43	68.50 5.62 -28.82	76.53 6.08 -36.12	95.52 6.77 -51.75	141.17 7.79 -91.28	206.72 9.03 -149.42	145.83 8.34 -91.68	134.81 7.12 -86.02	57.53 6.54 -11.83	57.38 5.45 -16.34	43.82 4.64 -5.05	42.99 3.93 -9.29
SPIERFLS_115KV_TB 1 80737	26.87 1.06 0.00	25.01 1.01 0.00	22.65 0.83 0.00	21.88 0.76 0.00	21.64 0.75 0.00	22.66 0.87 0.00	25.53 0.96 0.00	27.04 0.91 0.00	27.96 0.95 0.00	28.42 0.85 0.00	29.33 0.72 0.00	31.47 0.86 0.19	34.83 1.01 0.00	34.63 0.95 0.38	35.11 1.20 0.42	38.20 1.44 0.24	43.57 1.68 0.21	50.70 2.41 0.00	48.79 2.98 0.00	44.38 2.71 0.00	42.02 2.86 0.00	37.84 2.24 0.00	35.94 1.81 0.00	31.28 1.52 0.00
ST LAWRENCE____ 23600	25.35 -0.46 0.00	23.59 -0.41 0.00	21.45 -0.37 0.00	20.76 -0.36 0.00	20.53 -0.36 0.00	21.42 -0.37 0.00	24.21 -0.37 0.00	25.73 -0.39 0.00	26.58 -0.43 0.00	27.12 -0.44 0.00	28.18 -0.43 0.00	30.30 -0.49 0.00	33.24 -0.58 0.00	33.21 -0.85 0.00	33.20 -1.13 0.00	35.52 -1.48 0.00	40.50 -1.60 0.00	46.45 -1.83 0.00	44.02 -1.79 0.00	40.13 -1.54 0.00	37.59 -1.57 0.01	29.00 -1.25 5.35	33.13 -0.99 0.01	29.02 -0.74 0.01
STATE_CA_115KV_115_LB 55624	26.45 0.65 0.00	24.70 0.70 0.00	22.43 0.61 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.14 0.57 0.00	26.70 0.57 0.00	27.58 0.57 0.00	28.06 0.50 0.00	29.19 0.57 0.00	31.23 0.62 0.17	34.46 0.64 0.00	34.52 0.82 0.36	34.97 1.03 0.39	38.07 1.29 0.23	43.41 1.52 0.20	50.16 1.88 0.00	47.69 1.88 0.00	43.34 1.67 0.00	40.73 1.57 0.00	36.81 1.21 0.00	35.05 0.92 0.00	30.66 0.89 0.00
STATE_ST_34_KV_LOAD 55959	25.94 0.13 0.00	23.95 -0.05 0.00	21.76 -0.07 0.00	21.00 -0.13 0.00	20.82 -0.06 0.00	21.75 -0.04 0.00	24.65 0.07 0.00	26.17 0.05 0.00	27.12 0.11 0.00	27.67 0.11 0.00	28.67 0.06 0.00	30.92 0.12 0.00	33.89 0.07 0.00	34.37 0.31 0.00	34.75 0.41 0.00	37.62 0.48 -0.14	43.14 0.51 -0.53	49.54 0.58 -0.68	47.60 0.46 -1.33	43.02 0.50 -0.85	40.17 0.59 -0.42	36.17 0.57 0.00	34.61 0.48 0.00	29.98 0.21 0.00

STATION 5_MISC_HYD 23604	25.60 -0.21 0.00	23.30 -0.70 0.00	21.25 -0.57 0.00	20.81 -0.32 0.00	20.59 -0.29 0.00	21.20 -0.59 0.00	24.06 -0.52 0.00	25.81 -0.31 0.00	26.64 -0.38 0.00	27.40 -0.16 0.00	28.24 -0.37 0.00	30.45 -0.34 0.00	33.24 -0.58 0.00	33.82 -0.24 0.00	34.13 -0.20 0.00	36.63 -0.37 0.00	41.47 -0.63 0.00	47.08 -1.21 0.00	44.53 -1.28 0.00	40.92 -0.75 0.00	38.69 -0.47 0.00	35.56 -0.04 0.00	34.06 -0.07 0.00	29.62 -0.15 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.78 -0.03 0.00	23.57 -0.43 0.00	21.45 -0.37 0.00	20.64 -0.49 0.00	20.49 -0.40 0.00	21.44 -0.35 0.00	24.28 -0.29 0.00	25.91 -0.21 0.00	26.93 -0.08 0.00	27.45 -0.11 0.00	28.56 -0.06 0.00	30.76 -0.03 0.00	33.65 -0.17 0.00	34.20 0.14 0.00	34.57 0.24 0.00	37.22 0.18 -0.04	42.28 0.04 -0.14	48.21 -0.24 -0.17	45.83 -0.32 -0.34	41.81 -0.08 -0.22	39.38 0.12 -0.11	35.99 0.39 0.00	34.40 0.27 0.00	29.83 0.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.45 -0.36 0.00	23.21 -0.79 0.00	21.15 -0.68 0.00	20.32 -0.80 0.00	20.18 -0.71 0.00	21.12 -0.68 0.00	23.86 -0.71 0.00	25.47 -0.65 0.00	26.50 -0.51 0.00	27.04 -0.52 0.00	28.13 -0.49 0.00	30.30 -0.49 0.00	33.14 -0.68 0.00	33.68 -0.37 0.00	34.03 -0.31 0.00	36.55 -0.44 0.00	41.38 -0.72 0.00	46.98 -1.30 0.00	44.44 -1.37 0.00	40.71 -0.96 0.00	38.53 -0.63 0.00	35.42 -0.18 0.00	33.93 -0.20 0.00	29.47 -0.30 0.00
STA_56____34_KV_BUS2 355983	25.45 -0.36 0.00	23.21 -0.79 0.00	21.15 -0.68 0.00	20.32 -0.80 0.00	20.18 -0.71 0.00	21.12 -0.68 0.00	23.86 -0.71 0.00	25.47 -0.65 0.00	26.50 -0.51 0.00	27.04 -0.52 0.00	28.13 -0.49 0.00	30.30 -0.49 0.00	33.14 -0.68 0.00	33.68 -0.37 0.00	34.03 -0.31 0.00	36.55 -0.44 0.00	41.38 -0.72 0.00	46.98 -1.30 0.00	44.44 -1.37 0.00	40.71 -0.96 0.00	38.53 -0.63 0.00	35.42 -0.18 0.00	33.93 -0.20 0.00	29.47 -0.30 0.00
STA_67____115KV_BK2 355882	25.53 -0.28 0.00	23.26 -0.74 0.00	21.19 -0.63 0.00	20.34 -0.78 0.00	20.22 -0.67 0.00	21.16 -0.63 0.00	23.91 -0.66 0.00	25.50 -0.63 0.00	26.56 -0.46 0.00	27.07 -0.50 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.14 -0.68 0.00	33.72 -0.34 0.00	34.06 -0.27 0.00	36.55 -0.44 0.00	41.34 -0.76 0.00	46.93 -1.35 0.00	44.44 -1.37 0.00	40.67 -1.00 0.00	38.57 -0.59 0.00	35.49 -0.11 0.00	33.99 -0.14 0.00	29.56 -0.21 0.00
STA_7____115KV_9TRANS 80674	25.68 -0.13 0.00	23.40 -0.60 0.00	21.30 -0.52 0.00	20.47 -0.65 0.00	20.32 -0.56 0.00	21.27 -0.52 0.00	24.06 -0.52 0.00	25.65 -0.47 0.00	26.72 -0.30 0.00	27.26 -0.30 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.45 -0.37 0.00	34.03 -0.03 0.00	34.37 0.03 0.00	36.89 -0.11 0.00	41.76 -0.34 0.00	47.41 -0.87 0.00	44.85 -0.96 0.00	41.09 -0.58 0.00	38.93 -0.23 0.00	35.78 0.18 0.00	34.27 0.14 0.00	29.77 0.00 0.00
STA_82____115KV_TB1 80780	25.53 -0.28 0.00	23.28 -0.72 0.00	21.19 -0.63 0.00	20.36 -0.76 0.00	20.22 -0.67 0.00	21.16 -0.63 0.00	23.91 -0.66 0.00	25.50 -0.63 0.00	26.56 -0.46 0.00	27.10 -0.47 0.00	28.18 -0.43 0.00	30.36 -0.43 0.00	33.18 -0.64 0.00	33.72 -0.34 0.00	34.06 -0.27 0.00	36.55 -0.44 0.00	41.38 -0.72 0.00	46.98 -1.30 0.00	44.44 -1.37 0.00	40.71 -0.96 0.00	38.61 -0.55 0.00	35.49 -0.11 0.00	33.99 -0.14 0.00	29.56 -0.21 0.00
STEEL____WIND 323596	25.73 -0.08 0.00	23.14 -0.86 0.00	21.14 -0.68 0.00	20.85 -0.28 0.00	20.66 -0.23 0.00	21.07 -0.72 0.00	23.91 -0.66 0.00	25.70 -0.42 0.00	26.53 -0.49 0.00	27.48 -0.08 0.00	28.33 -0.29 0.00	30.45 -0.34 0.00	33.04 -0.78 0.00	33.86 -0.20 0.00	34.13 -0.20 0.00	36.37 -0.63 0.00	41.05 -1.05 0.00	46.31 -1.98 -0.01	43.71 -2.11 -0.01	40.30 -1.37 0.00	38.22 -0.94 0.00	35.39 -0.21 0.00	34.03 -0.10 0.00	29.77 0.00 0.00
STEPHTWN_115KV_BK_2 55603	26.56 0.75 0.00	24.79 0.79 0.00	22.52 0.70 0.00	21.76 0.63 0.00	21.47 0.58 0.00	22.45 0.65 0.00	25.24 0.66 0.00	26.80 0.68 0.00	27.69 0.68 0.00	28.17 0.61 0.00	29.30 0.69 0.17	31.33 0.71 0.00	34.60 0.78 0.00	34.66 0.95 0.35	35.18 1.24 0.39	38.33 1.55 0.22	43.71 1.81 0.20	50.55 2.27 0.00	48.15 2.34 0.00	43.71 2.04 0.00	41.08 1.92 0.00	37.13 1.53 0.00	35.33 1.19 0.00	30.87 1.10 0.00
STEUBEN_REC_LFGE 323667	25.86 0.05 0.00	23.62 -0.38 0.00	21.47 -0.35 0.00	20.57 -0.55 0.00	20.49 -0.40 0.00	21.53 -0.26 0.00	24.40 -0.17 0.00	26.17 0.05 0.00	27.31 0.30 0.00	27.92 0.36 0.00	29.07 0.46 0.00	31.28 0.49 0.00	34.12 0.30 0.00	34.84 0.78 0.00	35.12 0.79 0.00	37.75 0.70 -0.05	42.82 0.55 -0.18	48.89 0.39 -0.22	46.43 0.18 -0.43	42.41 0.46 -0.28	39.96 0.67 -0.14	36.42 0.82 0.00	34.61 0.48 0.00	29.86 0.09 0.00
STILLWATER____SOLAR 323814	26.97 1.16 0.00	25.13 1.13 0.00	22.80 0.98 0.00	22.03 0.91 0.00	21.78 0.90 0.00	22.77 0.98 0.00	25.63 1.06 0.00	27.11 0.99 0.00	28.07 1.05 0.00	28.53 0.96 0.00	29.61 1.00 0.21	31.69 1.11 0.00	35.14 1.32 0.00	35.07 1.43 0.42	35.52 1.65 0.47	38.69 1.96 0.27	44.09 2.23 0.24	51.18 2.90 0.00	48.88 3.07 0.00	44.47 2.79 0.00	41.90 2.74 0.00	37.84 2.24 0.00	36.01 1.88 0.00	31.34 1.58 0.00
STONY____BROOK 24151	34.11 2.14 -6.16	25.97 1.97 0.00	23.59 1.77 0.00	22.65 1.52 0.00	22.41 1.52 0.00	23.67 1.87 0.00	26.37 1.79 0.00	28.42 2.30 0.00	34.69 2.48 -5.19	34.70 2.56 -4.57	40.92 3.00 -9.30	42.54 3.33 -8.42	43.97 3.72 -6.43	64.24 3.95 -26.23	74.67 4.22 -36.12	93.71 4.96 -51.75	149.97 5.64 -102.23	234.93 6.32 -180.32	162.02 5.73 -110.49	140.74 4.96 -94.11	55.81 4.82 -11.83	55.75 3.81 -16.34	42.76 3.58 -5.05	42.04 2.98 -9.29
STURGEON_POOL_HYD 23609	27.00 1.19 0.00	25.10 1.10 0.00	22.87 1.05 0.00	22.12 0.99 0.00	21.85 0.96 0.00	22.82 1.02 0.00	25.63 1.06 0.00	27.45 1.33 0.00	28.37 1.35 0.00	29.00 1.43 0.00	30.30 1.69 0.00	33.00 2.12 -0.09	36.12 2.30 0.00	36.96 2.72 -0.18	37.66 3.12 -0.20	40.85 3.74 -0.11	46.58 4.38 -0.10	52.87 4.59 0.00	49.94 4.12 0.00	45.21 3.54 0.00	42.53 3.37 0.00	38.20 2.60 0.00	36.38 2.25 0.00	31.52 1.76 0.00
ST_LAW_115_BK7_LBMP 345037	25.29 -0.52 0.00	23.57 -0.43 0.00	21.41 -0.42 0.00	20.72 -0.40 0.00	20.49 -0.40 0.00	21.40 -0.39 0.00	24.18 -0.39 0.00	25.68 -0.44 0.00	26.53 -0.49 0.00	27.07 -0.50 0.00	28.13 -0.49 0.00	30.27 -0.52 0.00	33.17 -0.64 0.00	33.14 -0.92 0.00	33.10 -1.23 0.00	35.41 -1.59 0.00	40.33 -1.77 0.00	46.30 -1.98 0.00	43.89 -1.92 0.00	40.00 -1.67 0.00	37.47 -1.68 0.01	28.95 -1.35 5.29	33.07 -1.06 0.01	28.96 -0.80 0.01
ST_LAW_115_BK8_LBMP 345038	25.29 -0.52 0.00	23.57 -0.43 0.00	21.41 -0.42 0.00	20.72 -0.40 0.00	20.49 -0.40 0.00	21.40 -0.39 0.00	24.18 -0.39 0.00	25.68 -0.44 0.00	26.53 -0.49 0.00	27.07 -0.50 0.00	28.13 -0.49 0.00	30.27 -0.52 0.00	33.17 -0.64 0.00	33.14 -0.92 0.00	33.10 -1.23 0.00	35.41 -1.59 0.00	40.33 -1.77 0.00	46.30 -1.98 0.00	43.89 -1.92 0.00	40.00 -1.67 0.00	37.47 -1.68 0.01	28.95 -1.35 5.29	33.07 -1.06 0.01	28.96 -0.80 0.01

ST_LAW_230_BK5_LBMP 345035	25.35 -0.46 0.00	23.59 -0.41 0.00	21.45 -0.37 0.00	20.76 -0.36 0.00	20.53 -0.36 0.00	21.42 -0.37 0.00	24.21 -0.37 0.00	25.73 -0.39 0.00	26.58 -0.43 0.00	27.12 -0.44 0.00	28.18 -0.43 0.00	30.30 -0.49 0.00	33.24 -0.58 0.00	33.21 -0.85 0.00	33.20 -1.13 0.00	35.52 -1.48 0.00	40.50 -1.60 0.00	46.45 -1.83 0.00	44.02 -1.79 0.00	40.13 -1.54 0.00	37.59 -1.57 0.01	28.95 -1.25 5.40	33.13 -0.99 0.01	29.02 -0.74 0.01
ST_LAW_230_BK6_LBMP 345036	25.35 -0.46 0.00	23.59 -0.41 0.00	21.45 -0.37 0.00	20.76 -0.36 0.00	20.53 -0.36 0.00	21.42 -0.37 0.00	24.21 -0.37 0.00	25.73 -0.39 0.00	26.58 -0.43 0.00	27.12 -0.44 0.00	28.18 -0.43 0.00	30.30 -0.49 0.00	33.24 -0.58 0.00	33.21 -0.85 0.00	33.20 -1.13 0.00	35.52 -1.48 0.00	40.50 -1.60 0.00	46.45 -1.83 0.00	44.02 -1.79 0.00	40.13 -1.54 0.00	37.59 -1.57 0.01	28.95 -1.25 5.40	33.13 -0.99 0.01	29.02 -0.74 0.01
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.94 1.14 0.00	25.06 1.06 0.00	22.78 0.96 0.00	22.03 0.91 0.00	21.76 0.88 0.00	22.75 0.96 0.00	25.61 1.03 0.00	27.40 1.28 0.00	28.34 1.32 0.00	29.00 1.43 0.00	30.30 1.69 0.00	32.84 1.88 -0.17	35.98 2.16 0.00	36.82 2.42 -0.34	37.46 2.75 -0.38	40.51 3.29 -0.22	46.12 3.83 -0.19	52.63 4.35 0.00	49.71 3.89 0.00	45.05 3.38 0.00	42.41 3.25 0.00	38.09 2.49 0.00	36.25 2.12 0.00	31.46 1.70 0.00
SWANROAD_115KV_TB1 355699	24.93 -0.88 0.00	22.46 -1.54 0.00	20.51 -1.31 0.00	19.62 -1.50 0.00	19.55 -1.34 0.00	20.51 -1.29 0.00	22.93 -1.65 0.00	24.37 -1.75 0.00	25.53 -1.49 0.00	26.05 -1.52 0.00	27.24 -1.37 0.00	29.19 -1.60 0.00	31.69 -2.13 0.00	32.42 -1.63 0.00	32.65 -1.68 0.00	34.78 -2.22 0.00	39.19 -2.90 0.00	44.13 -4.15 0.00	41.69 -4.12 0.00	38.34 -3.33 0.00	36.69 -2.47 0.00	34.07 -1.53 0.00	32.83 -1.30 0.00	28.84 -0.92 0.00
SYNERGY___BIOGAS 323694	25.91 0.10 0.00	23.33 -0.67 0.00	21.32 -0.50 0.00	21.08 -0.04 0.00	20.87 -0.02 0.00	21.18 -0.61 0.00	24.11 -0.47 0.00	25.97 -0.16 0.00	26.75 -0.27 0.00	27.59 0.03 0.00	28.38 -0.23 0.00	30.58 -0.21 0.00	33.24 -0.58 0.00	33.96 -0.10 0.00	34.30 -0.03 0.00	36.66 -0.33 0.00	41.38 -0.72 0.00	46.79 -1.50 -0.01	44.31 -1.51 -0.01	40.92 -0.75 0.00	38.81 -0.35 0.00	35.88 0.28 0.00	34.40 0.27 0.00	30.00 0.24 0.00
SYRACUSE___ENERGY_ST1 323597	25.81 0.00 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	20.98 -0.15 0.00	20.78 -0.10 0.00	21.70 -0.09 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.96 -0.05 0.00	27.54 -0.03 0.00	28.47 -0.14 0.00	30.67 -0.12 0.00	33.68 -0.14 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.35 0.18 -0.17	42.91 0.17 -0.64	49.24 0.14 -0.81	47.49 0.09 -1.59	42.81 0.13 -1.02	39.86 0.20 -0.50	35.81 0.21 0.00	34.27 0.14 0.00	29.74 -0.03 0.00
SYRACUSE___ENERGY_ST2 323598	25.81 0.00 0.00	23.90 -0.10 0.00	21.73 -0.09 0.00	20.98 -0.15 0.00	20.78 -0.10 0.00	21.70 -0.09 0.00	24.55 -0.02 0.00	26.04 -0.08 0.00	26.96 -0.05 0.00	27.54 -0.03 0.00	28.47 -0.14 0.00	30.67 -0.12 0.00	33.68 -0.14 0.00	34.09 0.03 0.00	34.47 0.14 0.00	37.35 0.18 -0.17	42.91 0.17 -0.64	49.24 0.14 -0.81	47.49 0.09 -1.59	42.81 0.13 -1.02	39.86 0.20 -0.50	35.81 0.21 0.00	34.27 0.14 0.00	29.74 -0.03 0.00
SYRACUSE___POWER 24017	25.71 -0.10 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.89 -0.23 0.00	20.68 -0.21 0.00	21.60 -0.20 0.00	24.43 -0.15 0.00	25.94 -0.18 0.00	26.88 -0.14 0.00	27.43 -0.14 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.55 -0.27 0.00	33.96 -0.10 0.00	34.33 0.00 0.00	37.15 0.04 -0.11	42.49 -0.04 -0.43	48.74 -0.10 -0.55	46.75 -0.14 -1.08	42.28 -0.08 -0.69	39.50 0.00 -0.34	35.63 0.04 0.00	34.10 -0.03 0.00	29.59 -0.18 0.00
TALLMAN___138KV_BK151 55660	27.10 1.29 0.00	25.20 1.20 0.00	22.91 1.09 0.00	22.16 1.04 0.00	21.89 1.00 0.00	22.88 1.09 0.00	25.76 1.18 0.00	27.61 1.49 0.00	28.58 1.57 0.00	29.25 1.68 0.00	30.62 2.00 0.00	33.22 2.25 -0.18	36.39 2.57 0.00	37.22 2.79 -0.37	37.93 3.19 -0.40	41.04 3.81 -0.23	46.68 4.38 -0.21	53.21 4.92 0.00	50.21 4.40 0.00	45.51 3.83 0.00	42.80 3.64 0.00	38.41 2.81 0.00	36.55 2.42 0.00	31.70 1.93 0.00
TEALLAVE_115KV_TB7 355573	25.71 -0.10 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.89 -0.23 0.00	20.68 -0.21 0.00	21.60 -0.20 0.00	24.43 -0.15 0.00	25.94 -0.18 0.00	26.88 -0.14 0.00	27.43 -0.14 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.55 -0.27 0.00	33.96 -0.10 0.00	34.30 -0.03 0.00	37.13 0.04 -0.09	42.37 -0.08 -0.36	48.54 -0.19 -0.45	46.51 -0.18 -0.88	42.11 -0.13 -0.56	39.40 -0.04 -0.28	35.63 0.04 0.00	34.10 -0.03 0.00	29.59 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	25.50 -0.31 0.00	22.99 -1.01 0.00	20.97 -0.85 0.00	20.09 -1.04 0.00	19.99 -0.90 0.00	20.96 -0.83 0.00	23.57 -1.01 0.00	25.13 -0.99 0.00	26.29 -0.73 0.00	26.79 -0.77 0.00	28.01 -0.60 0.00	30.08 -0.71 0.00	32.74 -1.08 0.00	33.45 -0.61 0.00	33.72 -0.62 0.00	36.00 -1.00 0.00	40.63 -1.47 0.00	45.83 -2.46 -0.01	43.34 -2.47 -0.01	39.84 -1.83 0.00	38.03 -1.14 0.00	35.21 -0.39 0.00	33.82 -0.31 0.00	29.59 -0.18 0.00
TEMPLE___115KV_TB 2 55572	25.71 -0.10 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.89 -0.23 0.00	20.68 -0.21 0.00	21.62 -0.17 0.00	24.45 -0.12 0.00	25.97 -0.16 0.00	26.88 -0.14 0.00	27.45 -0.11 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.58 -0.24 0.00	33.99 -0.07 0.00	34.33 0.00 0.00	37.17 0.07 -0.09	42.41 -0.04 -0.35	48.59 -0.14 -0.45	46.51 -0.18 -0.88	42.11 -0.13 -0.56	39.40 -0.04 -0.28	35.63 0.04 0.00	34.10 -0.03 0.00	29.62 -0.15 0.00
TIANA____69_KV_BK 1 55817	34.19 2.22 -6.16	26.04 2.04 0.00	23.72 1.90 0.00	22.77 1.65 0.00	22.52 1.63 0.00	23.82 2.03 0.00	26.49 1.92 0.00	28.63 2.51 0.00	34.88 2.67 -5.19	34.94 2.81 -4.57	41.20 3.29 -9.30	42.97 3.76 -8.42	44.48 4.23 -6.43	67.44 4.56 -28.82	75.50 5.05 -36.12	94.55 5.81 -51.75	140.09 6.69 -91.29	205.35 7.63 -149.44	144.52 7.01 -91.70	133.74 6.04 -86.02	56.66 5.68 -11.83	56.56 4.63 -16.34	43.17 3.99 -5.05	42.39 3.33 -9.29
TILDEN___115KV_TB1 80814	25.71 -0.10 0.00	23.81 -0.19 0.00	21.65 -0.17 0.00	20.89 -0.23 0.00	20.68 -0.21 0.00	21.60 -0.20 0.00	24.43 -0.15 0.00	25.94 -0.18 0.00	26.88 -0.14 0.00	27.43 -0.14 0.00	28.38 -0.23 0.00	30.58 -0.22 0.00	33.55 -0.27 0.00	33.96 -0.10 0.00	34.33 0.00 0.00	37.15 0.04 -0.11	42.49 -0.04 -0.43	48.74 -0.10 -0.55	46.75 -0.14 -1.08	42.28 -0.08 -0.69	39.50 0.00 -0.34	35.63 0.04 0.00	34.10 -0.03 0.00	29.59 -0.18 0.00
TRIGEN___CC 323695	33.78 1.81 -6.16	25.68 1.68 0.00	23.33 1.51 0.00	22.50 1.37 0.00	22.22 1.34 0.00	23.34 1.55 0.00	26.15 1.57 0.00	28.16 2.04 0.00	34.37 2.16 -5.19	34.42 2.29 -4.57	40.57 2.66 -9.30	42.17 2.96 -8.42	43.60 3.35 -6.43	49.70 3.54 -12.10	74.40 3.95 -36.12	93.32 4.59 -51.74	100.07 5.26 -52.70	94.58 5.84 -40.45	76.51 5.31 -25.39	103.83 4.67 -57.49	55.44 4.46 -11.82	55.46 3.52 -16.34	42.32 3.14 -5.05	41.62 2.56 -9.29

TRINITY__115KV__4 BK 55933	26.35 0.54 0.00	24.62 0.62 0.00	22.37 0.55 0.00	21.61 0.49 0.00	21.32 0.44 0.00	22.29 0.50 0.00	25.04 0.47 0.00	26.59 0.47 0.00	27.47 0.46 0.00	27.95 0.39 0.00	29.07 0.46 0.00	31.09 0.46 0.17	34.29 0.47 0.00	34.36 0.65 0.35	34.81 0.86 0.38	37.89 1.11 0.22	43.17 1.26 0.19	49.87 1.59 0.00	47.46 1.65 0.00	43.09 1.42 0.00	40.53 1.37 0.00	36.60 1.00 0.00	34.88 0.75 0.00	30.51 0.74 0.00
UNION__PROCESSING_DRP 323587	25.53 -0.28 0.00	23.28 -0.72 0.00	21.19 -0.63 0.00	20.36 -0.76 0.00	20.22 -0.67 0.00	21.16 -0.63 0.00	23.94 -0.64 0.00	25.52 -0.60 0.00	26.56 -0.46 0.00	27.10 -0.47 0.00	28.21 -0.40 0.00	30.36 -0.43 0.00	33.18 -0.64 0.00	33.75 -0.31 0.00	34.06 -0.27 0.00	36.59 -0.41 0.00	41.38 -0.72 0.00	46.98 -1.30 0.00	44.44 -1.37 0.00	40.71 -0.96 0.00	38.61 -0.55 0.00	35.49 -0.11 0.00	34.03 -0.10 0.00	29.59 -0.18 0.00
UPPER HUDSON__HYD 24058	26.87 1.06 0.00	25.01 1.01 0.00	22.65 0.83 0.00	21.88 0.76 0.00	21.64 0.75 0.00	22.66 0.87 0.00	25.53 0.96 0.00	26.98 0.86 0.00	27.93 0.92 0.00	28.39 0.83 0.00	29.33 0.72 0.00	31.44 0.83 0.19	34.83 1.01 0.00	34.63 0.95 0.38	35.11 1.20 0.42	38.20 1.44 0.24	43.57 1.69 0.21	50.69 2.41 0.00	48.79 2.98 0.00	44.34 2.67 0.00	41.98 2.82 0.00	37.84 2.24 0.00	35.94 1.81 0.00	31.28 1.52 0.00
UPPER RAQUET__HYD 24056	25.22 -0.59 0.00	23.49 -0.51 0.00	21.36 -0.46 0.00	20.66 -0.46 0.00	20.43 -0.46 0.00	21.36 -0.44 0.00	24.21 -0.37 0.00	25.70 -0.42 0.00	26.48 -0.54 0.00	27.04 -0.52 0.00	28.07 -0.54 0.00	30.21 -0.59 0.00	32.97 -0.84 0.00	32.73 -1.33 0.00	32.48 -1.85 0.00	34.62 -2.40 -0.03	39.60 -2.61 -0.11	45.67 -2.75 -0.14	43.39 -2.70 -0.28	39.52 -2.33 -0.18	37.05 -2.19 -0.08	29.57 -1.81 4.21	32.69 -1.43 0.01	28.75 -1.01 0.01
VALLEY44_115KV_TB2 355964	25.73 -0.08 0.00	23.23 -0.77 0.00	21.19 -0.63 0.00	20.34 -0.78 0.00	20.26 -0.63 0.00	21.20 -0.59 0.00	23.89 -0.69 0.00	25.47 -0.65 0.00	26.56 -0.46 0.00	27.18 -0.39 0.00	28.44 -0.17 0.00	30.55 -0.25 0.00	33.28 -0.54 0.00	34.03 -0.03 0.00	34.40 0.07 0.00	36.78 -0.22 0.00	41.51 -0.59 0.00	47.13 -1.16 0.00	44.35 -1.47 0.00	40.67 -1.00 0.00	38.53 -0.63 0.00	35.56 -0.04 0.00	34.13 0.00 0.00	29.86 0.09 0.00
VALLEY__115KV_TB 1-4 80826	25.96 0.15 0.00	24.14 0.14 0.00	21.95 0.13 0.00	21.27 0.15 0.00	21.05 0.17 0.00	22.03 0.24 0.00	24.85 0.27 0.00	26.67 0.55 0.00	27.58 0.57 0.00	28.23 0.66 0.00	29.30 0.69 0.00	31.50 0.71 0.00	34.66 0.85 0.00	34.98 0.92 0.00	35.36 1.03 0.00	38.22 1.22 0.00	43.07 0.97 0.00	49.49 1.21 0.00	47.00 1.19 0.00	42.67 1.00 0.00	40.06 0.90 0.00	36.57 0.71 -0.26	34.64 0.51 0.00	30.15 0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	26.89 1.08 0.00	24.94 0.94 0.00	22.67 0.85 0.00	21.88 0.76 0.00	21.64 0.75 0.00	22.69 0.89 0.00	25.58 1.01 0.00	27.22 1.10 0.00	28.12 1.11 0.00	28.75 1.19 0.00	29.90 1.29 0.00	32.18 1.39 0.00	35.41 1.59 0.00	35.83 1.77 0.00	36.36 2.03 0.00	39.40 2.37 -0.03	44.91 2.69 -0.11	51.66 3.23 -0.14	49.20 3.12 -0.28	44.64 2.79 -0.18	41.95 2.70 -0.09	37.81 2.21 0.00	36.01 1.88 0.00	31.31 1.55 0.00
VISCHER__FERRY HYD 24020	26.71 0.90 0.00	24.91 0.91 0.00	22.63 0.81 0.00	21.86 0.74 0.00	21.60 0.71 0.00	22.62 0.83 0.00	25.39 0.81 0.00	26.91 0.78 0.00	27.85 0.84 0.00	28.28 0.72 0.00	29.44 0.83 0.00	31.40 0.86 0.25	34.83 1.01 0.00	34.66 1.12 0.52	35.14 1.37 0.57	38.37 1.70 0.33	43.75 1.94 0.29	50.65 2.37 0.00	48.28 2.47 0.00	43.92 2.25 0.00	41.31 2.15 0.00	37.31 1.71 0.00	35.53 1.40 0.00	31.02 1.25 0.00
V_A_10_SYNC_DSASP 323832	25.16 -0.64 0.00	22.73 -1.27 0.00	20.77 -1.05 0.00	20.47 -0.66 0.00	20.24 -0.65 0.00	20.72 -1.07 0.00	23.52 -1.06 0.00	25.23 -0.89 0.00	26.04 -0.97 0.00	26.88 -0.69 0.00	27.67 -0.94 0.00	29.75 -1.05 0.00	32.30 -1.52 0.00	32.94 -1.12 0.00	33.20 -1.13 0.00	35.48 -1.52 0.00	40.08 -2.02 0.00	45.24 -3.04 0.00	42.79 -3.03 0.00	39.42 -2.25 0.00	37.44 -1.72 0.00	34.64 -0.96 0.00	33.31 -0.82 0.00	29.08 -0.68 0.00
V_CMM_10_SYNC_DSASP 323787	25.39 -0.41 0.00	23.64 -0.36 0.00	21.49 -0.33 0.00	20.81 -0.32 0.00	20.57 -0.31 0.00	21.47 -0.33 0.00	24.28 -0.29 0.00	25.78 -0.34 0.00	26.64 -0.38 0.00	27.18 -0.39 0.00	28.24 -0.37 0.00	30.39 -0.40 0.00	33.31 -0.51 0.00	33.28 -0.78 0.00	33.23 -1.10 0.00	35.55 -1.44 0.00	40.54 -1.56 0.00	46.55 -1.74 0.00	44.07 -1.74 0.00	40.17 -1.50 0.00	37.63 -1.53 0.01	29.10 -1.21 5.29	33.17 -0.96 0.01	29.04 -0.71 0.01
V_CMP_10_SYNC_DSASP 323788	26.01 0.21 0.00	24.17 0.17 0.00	21.98 0.15 0.00	21.25 0.13 0.00	21.07 0.19 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.09 0.52 0.00	29.24 0.63 0.00	31.44 0.65 0.00	34.29 0.47 0.00	34.26 0.21 0.00	34.02 -0.31 0.00	36.41 -0.59 0.00	41.64 -0.46 0.00	47.85 -0.44 0.00	45.13 -0.69 0.00	41.30 -0.38 0.00	38.33 -0.82 0.01	29.35 -1.03 5.22	32.93 -1.20 0.01	28.72 -1.04 0.01
V_D_10_SYNC_DSASP 323841	25.37 -0.44 0.00	23.64 -0.36 0.00	21.47 -0.35 0.00	20.79 -0.34 0.00	20.55 -0.33 0.00	21.44 -0.35 0.00	24.28 -0.29 0.00	25.76 -0.37 0.00	26.61 -0.40 0.00	27.15 -0.41 0.00	28.18 -0.43 0.00	30.33 -0.46 0.00	33.24 -0.58 0.00	33.21 -0.85 0.00	33.13 -1.20 0.00	35.41 -1.59 0.00	40.37 -1.73 0.00	46.40 -1.88 0.00	43.89 -1.92 0.00	40.05 -1.63 0.00	37.55 -1.61 0.01	29.16 -1.32 5.12	33.10 -1.02 0.01	28.98 -0.77 0.01
V_E_10_SYNC_DSASP 323830	27.49 1.68 0.00	25.37 1.37 0.00	23.04 1.22 0.00	22.33 1.20 0.00	22.10 1.21 0.00	23.14 1.35 0.00	26.30 1.72 0.00	27.95 1.83 0.00	28.66 1.65 0.00	29.27 1.71 0.00	30.21 1.60 0.00	32.52 1.72 0.00	35.71 1.89 0.00	36.31 2.25 0.00	36.77 2.44 0.00	39.88 2.81 -0.07	45.68 3.33 -0.25	52.85 4.25 -0.32	50.84 4.40 -0.63	46.20 4.13 -0.40	43.24 3.88 -0.20	38.91 3.31 0.00	36.89 2.76 0.00	31.97 2.20 0.00
V_F_30_NSYNC__DSASP 323816	27.00 1.19 0.00	25.15 1.15 0.00	22.83 1.00 0.00	22.05 0.93 0.00	21.80 0.92 0.00	22.82 1.02 0.00	25.66 1.08 0.00	27.17 1.05 0.00	28.10 1.08 0.00	28.59 1.02 0.00	29.67 1.06 0.00	31.76 1.17 0.20	35.21 1.39 0.00	35.15 1.50 0.41	35.60 1.72 0.45	38.78 2.03 0.26	44.19 2.31 0.23	51.28 2.99 0.00	48.97 3.16 0.00	44.55 2.87 0.00	41.98 2.82 0.00	37.88 2.28 0.00	36.04 1.91 0.00	31.40 1.64 0.00
V_F_30_SYNC_DSASP 323786	26.45 0.65 0.00	24.70 0.70 0.00	22.43 0.61 0.00	21.67 0.55 0.00	21.39 0.50 0.00	22.36 0.57 0.00	25.14 0.57 0.00	26.70 0.57 0.00	27.58 0.57 0.00	28.06 0.50 0.00	29.19 0.57 0.00	31.20 0.59 0.17	34.46 0.64 0.00	34.52 0.82 0.36	34.97 1.03 0.39	38.07 1.29 0.23	43.37 1.47 0.20	50.16 1.88 0.00	47.69 1.88 0.00	43.34 1.67 0.00	40.73 1.57 0.00	36.81 1.21 0.00	35.05 0.92 0.00	30.66 0.89 0.00

V_XM10_SYNC_DSASP 323789	26.01 0.21 0.00	24.17 0.17 0.00	21.98 0.15 0.00	21.25 0.13 0.00	21.07 0.19 0.00	21.97 0.17 0.00	24.95 0.37 0.00	26.59 0.47 0.00	27.39 0.38 0.00	28.09 0.52 0.00	29.24 0.63 0.00	31.44 0.65 0.00	34.29 0.47 0.00	34.26 0.21 0.00	34.02 -0.31 0.00	36.41 -0.59 0.00	41.64 -0.46 0.00	47.85 -0.44 0.00	45.13 -0.69 0.00	41.30 -0.38 0.00	38.33 -0.82 0.01	29.35 -1.03 5.22	32.93 -1.20 0.01	28.72 -1.04 0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.18 1.37 0.00	25.27 1.27 0.00	22.98 1.16 0.00	22.22 1.10 0.00	21.95 1.07 0.00	22.95 1.15 0.00	25.83 1.25 0.00	27.69 1.57 0.00	28.66 1.65 0.00	29.33 1.76 0.00	30.70 2.09 0.00	33.31 2.34 -0.18	36.49 2.67 0.00	37.36 2.93 -0.37	38.08 3.33 -0.41	41.16 3.92 -0.24	46.86 4.55 -0.21	53.40 5.12 0.00	50.39 4.58 0.00	45.67 4.00 0.00	42.96 3.80 0.00	38.52 2.92 0.00	36.66 2.53 0.00	31.79 2.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.41 1.60 0.00	25.49 1.49 0.00	23.17 1.35 0.00	22.41 1.29 0.00	22.14 1.25 0.00	23.17 1.37 0.00	26.08 1.50 0.00	28.03 1.91 0.00	29.01 2.00 0.00	29.74 2.18 0.00	31.16 2.55 0.00	38.59 2.83 -4.96	37.01 3.18 -0.02	39.67 3.41 -2.20	44.03 3.78 -5.92	46.87 4.44 -5.43	47.42 5.09 -0.23	53.83 5.55 0.00	50.81 4.99 0.00	46.05 4.38 0.00	43.39 4.23 0.00	38.84 3.24 0.00	36.96 2.83 0.00	32.06 2.29 0.00
W50THST__13_KV_LOAD 356117	27.54 1.73 0.00	25.61 1.61 0.00	23.28 1.46 0.00	22.54 1.42 0.00	22.26 1.38 0.00	23.30 1.50 0.00	26.25 1.67 0.00	28.21 2.09 0.00	29.23 2.22 0.00	29.96 2.40 0.00	31.39 2.78 0.00	38.83 3.08 -4.96	37.28 3.45 -0.02	39.94 3.68 -2.20	44.30 4.05 -5.92	47.17 4.74 -5.43	47.76 5.43 -0.23	54.17 5.89 0.00	51.17 5.36 0.00	46.34 4.67 0.00	43.66 4.50 0.00	38.98 3.38 0.00	37.13 3.00 0.00	32.27 2.50 0.00
WADING RIVER_IC_1 23522	33.88 1.91 -6.16	25.75 1.75 0.00	23.48 1.66 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.56 1.76 0.00	26.15 1.57 0.00	28.21 2.09 0.00	34.48 2.27 -5.19	34.45 2.32 -4.57	40.72 2.81 -9.30	42.36 3.14 -8.42	43.84 3.58 -6.43	66.73 3.88 -28.79	74.71 4.26 -36.12	93.74 4.99 -51.75	139.09 5.81 -91.17	204.00 6.62 -149.10	143.30 6.00 -91.49	132.77 5.17 -85.93	55.92 4.93 -11.83	55.89 3.95 -16.34	42.59 3.41 -5.05	41.89 2.83 -9.29
WADING RIVER_IC_2 23547	33.88 1.91 -6.16	25.75 1.75 0.00	23.48 1.66 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.56 1.76 0.00	26.15 1.57 0.00	28.21 2.09 0.00	34.48 2.27 -5.19	34.45 2.32 -4.57	40.72 2.81 -9.30	42.36 3.14 -8.42	43.84 3.58 -6.43	66.73 3.88 -28.79	74.71 4.26 -36.12	93.74 4.99 -51.75	139.09 5.81 -91.17	204.00 6.62 -149.10	143.30 6.00 -91.49	132.77 5.17 -85.93	55.92 4.93 -11.83	55.89 3.95 -16.34	42.59 3.41 -5.05	41.89 2.83 -9.29
WADING RIVER_IC_3 23601	33.88 1.91 -6.16	25.75 1.75 0.00	23.48 1.66 0.00	22.48 1.35 0.00	22.22 1.34 0.00	23.56 1.76 0.00	26.15 1.57 0.00	28.21 2.09 0.00	34.48 2.27 -5.19	34.45 2.32 -4.57	40.72 2.81 -9.30	42.36 3.14 -8.42	43.84 3.58 -6.43	66.73 3.88 -28.79	74.71 4.26 -36.12	93.74 4.99 -51.75	139.09 5.81 -91.17	204.00 6.62 -149.10	143.30 6.00 -91.49	132.77 5.17 -85.93	55.92 4.93 -11.83	55.89 3.95 -16.34	42.59 3.41 -5.05	41.89 2.83 -9.29
WALDENNY_12_KV_BK2 80841	25.68 -0.13 0.00	23.11 -0.89 0.00	21.08 -0.74 0.00	20.19 -0.93 0.00	20.11 -0.77 0.00	21.09 -0.70 0.00	23.74 -0.84 0.00	25.31 -0.81 0.00	26.47 -0.54 0.00	27.04 -0.52 0.00	28.33 -0.29 0.00	30.39 -0.40 0.00	33.07 -0.74 0.00	33.89 -0.17 0.00	34.16 -0.17 0.00	36.44 -0.55 0.00	41.05 -1.05 0.00	46.31 -1.98 -0.01	43.66 -2.15 -0.01	40.09 -1.58 0.00	38.22 -0.94 0.00	35.39 -0.21 0.00	34.03 -0.10 0.00	29.77 0.00 0.00
WALDEN__HYDRO 24148	27.05 1.24 0.00	25.15 1.15 0.00	22.89 1.07 0.00	22.14 1.01 0.00	21.87 0.98 0.00	22.86 1.07 0.00	25.71 1.13 0.00	27.51 1.38 0.00	28.45 1.43 0.00	29.08 1.52 0.00	30.36 1.75 0.00	32.94 2.00 -0.15	36.12 2.30 0.00	36.92 2.55 -0.31	37.60 2.92 -0.34	40.71 3.51 -0.20	46.36 4.08 -0.17	52.92 4.64 0.00	50.03 4.21 0.00	45.34 3.67 0.00	42.65 3.49 0.00	38.30 2.71 0.00	36.45 2.32 0.00	31.61 1.85 0.00
WARRENSBURG____ 23737	26.87 1.06 0.00	25.01 1.01 0.00	22.65 0.83 0.00	21.88 0.76 0.00	21.64 0.75 0.00	22.66 0.87 0.00	25.53 0.96 0.00	26.98 0.86 0.00	27.93 0.92 0.00	28.39 0.83 0.00	29.33 0.72 0.00	31.44 0.83 0.19	34.83 1.01 0.00	34.63 0.95 0.38	35.11 1.20 0.42	38.20 1.44 0.24	43.57 1.69 0.21	50.69 2.41 0.00	48.79 2.98 0.00	44.34 2.67 0.00	41.98 2.82 0.00	37.84 2.24 0.00	35.94 1.81 0.00	31.28 1.52 0.00
WATERSIDE____6 8 9 23538	27.41 1.60 0.00	25.51 1.51 0.00	23.17 1.35 0.00	22.45 1.33 0.00	22.16 1.27 0.00	23.12 1.33 0.00	26.05 1.47 0.00	28.00 1.88 0.00	29.01 2.00 0.00	29.77 2.21 0.00	31.21 2.60 0.01	38.58 2.83 -4.95	37.07 3.25 -0.01	39.73 3.47 -2.19	44.09 3.85 -5.91	38.76 4.51 2.75	42.85 5.14 4.39	50.56 5.50 3.23	50.66 4.86 0.01	46.04 4.38 0.01	43.42 4.27 0.01	37.05 3.35 1.90	35.13 2.94 1.94	32.09 2.32 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.02 0.21 0.00	24.19 0.19 0.00	22.00 0.17 0.00	21.27 0.15 0.00	21.05 0.17 0.00	22.01 0.22 0.00	24.82 0.25 0.00	26.96 0.84 0.00	27.91 0.89 0.00	28.58 1.02 0.00	29.64 1.03 0.00	31.87 1.08 0.00	35.10 1.29 0.00	35.42 1.36 0.00	35.81 1.48 0.00	38.74 1.74 0.00	42.86 0.76 0.00	49.25 0.97 0.00	46.77 0.96 0.00	42.51 0.83 0.00	39.94 0.78 0.00	36.47 0.61 -0.26	34.58 0.44 0.00	30.12 0.36 0.00
WATSON__69_KV_BK 1 55734	34.43 2.45 -6.16	26.26 2.26 0.00	23.85 2.03 0.00	22.94 1.82 0.00	22.66 1.78 0.00	23.88 2.09 0.00	26.67 2.09 0.00	28.76 2.64 0.00	34.99 2.78 -5.19	35.05 2.92 -4.57	41.26 3.35 -9.30	42.94 3.73 -8.42	44.45 4.19 -6.43	81.24 4.50 -42.68	75.26 4.81 -36.12	94.33 5.59 -51.74	120.68 6.44 -72.14	150.93 7.29 -95.36	111.25 6.64 -58.79	119.33 5.79 -71.87	56.62 5.64 -11.82	56.53 4.59 -16.34	43.24 4.06 -5.05	42.42 3.36 -9.29
WDELAWARE__HYD 323627	26.74 0.93 0.00	24.82 0.82 0.00	22.58 0.76 0.00	21.80 0.68 0.00	21.55 0.67 0.00	22.55 0.76 0.00	25.36 0.79 0.00	27.06 0.94 0.00	28.04 1.03 0.00	28.61 1.05 0.00	29.87 1.26 0.00	32.38 1.48 -0.11	35.54 1.72 0.00	35.35 1.06 -0.23	36.03 1.44 -0.26	39.07 1.92 -0.15	44.63 2.40 -0.13	51.03 2.75 0.00	48.33 2.52 0.00	43.71 2.04 0.00	41.20 2.04 0.00	37.95 2.35 0.00	36.08 1.94 0.00	31.22 1.46 0.00
WEST BABYLON__IC 23714	34.32 2.35 -6.16	26.16 2.16 0.00	23.74 1.92 0.00	22.86 1.73 0.00	22.60 1.71 0.00	23.78 1.98 0.00	26.57 1.99 0.00	28.66 2.53 0.00	34.88 2.67 -5.19	34.94 2.81 -4.57	41.12 3.20 -9.30	42.79 3.57 -8.42	44.28 4.02 -6.43	63.90 4.33 -25.52	75.12 4.67 -36.12	94.14 5.40 -51.74	105.77 6.23 -57.44	109.16 7.05 -53.83	85.75 6.41 -33.53	108.29 5.63 -61.00	56.42 5.44 -11.82	56.35 4.41 -16.34	43.07 3.89 -5.05	42.27 3.21 -9.29

WEST CANADA___HYD 24049	25.94 0.13 0.00	24.14 0.14 0.00	21.95 0.13 0.00	21.23 0.11 0.00	20.99 0.10 0.00	21.92 0.13 0.00	24.70 0.12 0.00	26.23 0.10 0.00	27.12 0.11 0.00	27.68 0.11 0.00	28.73 0.11 0.00	30.92 0.12 0.00	33.99 0.17 0.00	34.30 0.24 0.00	34.64 0.31 0.00	37.41 0.41 0.00	42.56 0.46 0.00	48.86 0.58 0.00	46.41 0.59 0.00	42.17 0.50 0.00	39.63 0.47 0.00	36.22 0.36 -0.26	34.40 0.27 0.00	29.98 0.21 0.00
WESTERN_NY_WIND 24143	25.81 0.00 0.00	23.28 -0.72 0.00	21.23 -0.59 0.00	20.34 -0.78 0.00	20.24 -0.65 0.00	21.23 -0.57 0.00	23.91 -0.66 0.00	25.52 -0.60 0.00	26.66 -0.35 0.00	27.15 -0.41 0.00	28.36 -0.26 0.00	30.48 -0.31 0.00	33.21 -0.61 0.00	33.92 -0.14 0.00	34.23 -0.10 0.00	36.59 -0.41 0.00	41.30 -0.80 0.00	46.69 -1.59 -0.01	44.21 -1.60 -0.01	40.67 -1.00 0.00	38.73 -0.43 0.00	35.85 0.25 0.00	34.37 0.24 0.00	29.98 0.21 0.00
WESTOVER___LESR 323668	26.09 0.28 0.00	24.05 0.05 0.00	21.87 0.04 0.00	21.10 -0.02 0.00	20.91 0.02 0.00	21.86 0.07 0.00	24.67 0.10 0.00	26.28 0.16 0.00	27.34 0.32 0.00	27.92 0.36 0.00	29.01 0.40 0.00	31.22 0.43 0.00	34.26 0.44 0.00	34.74 0.68 0.00	35.16 0.82 0.00	37.99 0.92 -0.06	43.35 1.01 -0.24	49.65 1.06 -0.31	47.33 0.92 -0.61	42.98 0.92 -0.39	40.29 0.94 -0.19	36.49 0.89 0.00	34.88 0.75 0.00	30.30 0.54 0.00
WETHRSFD_WT_PWR 323626	25.60 -0.21 0.00	23.16 -0.84 0.00	21.14 -0.68 0.00	20.79 -0.34 0.00	20.59 -0.29 0.00	21.09 -0.70 0.00	23.94 -0.64 0.00	25.68 -0.44 0.00	26.56 -0.46 0.00	27.43 -0.14 0.00	28.27 -0.34 0.00	30.42 -0.37 0.00	33.04 -0.78 0.00	33.75 -0.31 0.00	34.02 -0.31 0.00	36.37 -0.63 0.00	41.09 -1.01 0.00	46.55 -1.74 0.00	43.93 -1.88 0.00	40.51 -1.17 0.00	38.30 -0.86 0.00	35.24 -0.36 0.00	33.76 -0.37 0.00	29.41 -0.36 0.00
WHAVSTOR_138KV_BK127 55557	27.07 1.26 0.00	25.20 1.20 0.00	22.91 1.09 0.00	22.16 1.04 0.00	21.89 1.00 0.00	22.88 1.09 0.00	25.73 1.16 0.00	27.61 1.49 0.00	28.56 1.54 0.00	29.25 1.68 0.00	30.59 1.97 0.00	33.19 2.22 -0.18	36.35 2.54 0.00	37.19 2.76 -0.37	37.87 3.12 -0.41	40.97 3.74 -0.24	46.60 4.29 -0.21	53.11 4.83 0.00	50.16 4.35 0.00	45.42 3.75 0.00	42.76 3.60 0.00	38.34 2.74 0.00	36.52 2.39 0.00	31.67 1.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.07 1.26 0.00	25.20 1.20 0.00	22.91 1.09 0.00	22.16 1.04 0.00	21.89 1.00 0.00	22.88 1.09 0.00	25.73 1.16 0.00	27.61 1.49 0.00	28.56 1.54 0.00	29.25 1.68 0.00	30.59 1.97 0.00	33.19 2.22 -0.18	36.35 2.54 0.00	37.19 2.76 -0.37	37.87 3.12 -0.41	40.97 3.74 -0.24	46.60 4.29 -0.21	53.11 4.83 0.00	50.16 4.35 0.00	45.42 3.75 0.00	42.76 3.60 0.00	38.34 2.74 0.00	36.52 2.39 0.00	31.67 1.91 0.00
WHITEHAL_115KV_TB1 80871	27.43 1.63 0.00	25.54 1.54 0.00	23.09 1.27 0.00	22.29 1.16 0.00	22.06 1.17 0.00	23.12 1.33 0.00	26.08 1.50 0.00	27.61 1.49 0.00	28.56 1.54 0.00	29.00 1.43 0.00	29.96 1.34 0.00	32.17 1.57 0.19	35.68 1.86 0.00	35.57 1.91 0.39	36.10 2.20 0.43	39.23 2.48 0.25	44.74 2.86 0.22	52.24 3.96 0.00	50.16 4.35 0.00	45.63 3.96 0.00	43.19 4.03 0.00	38.87 3.28 0.00	36.86 2.73 0.00	32.00 2.23 0.00
WHITEPLN_13_KV_LOAD 356215	27.49 1.68 0.00	25.58 1.58 0.00	23.24 1.42 0.00	22.48 1.35 0.00	22.20 1.32 0.00	23.19 1.39 0.00	26.10 1.52 0.00	28.08 1.96 0.00	29.10 2.08 0.00	29.77 2.21 0.00	31.22 2.60 0.00	33.88 2.89 -0.20	37.10 3.28 0.00	38.01 3.54 -0.41	38.73 3.95 -0.45	41.99 4.74 -0.26	47.72 5.39 -0.23	54.37 6.08 0.00	51.31 5.50 0.00	46.42 4.75 0.00	43.63 4.46 0.00	39.02 3.42 0.00	37.10 2.97 0.00	32.18 2.41 0.00
WM_FLOYD_69_KV_BK2 356380	34.17 2.19 -6.16	26.02 2.02 0.00	23.68 1.85 0.00	22.73 1.61 0.00	22.47 1.59 0.00	23.73 1.94 0.00	26.44 1.87 0.00	28.53 2.40 0.00	34.72 2.51 -5.19	34.75 2.62 -4.57	40.95 3.03 -9.30	42.60 3.39 -8.42	44.07 3.82 -6.43	67.15 4.12 -28.97	74.98 4.53 -36.12	94.04 5.29 -51.75	140.15 6.10 -91.95	206.52 6.95 -151.28	145.00 6.37 -92.82	133.72 5.54 -86.51	56.27 5.29 -11.83	56.21 4.27 -16.34	42.90 3.72 -5.05	42.15 3.10 -9.29
WOODARD__115KV_TB2 355635	25.65 -0.15 0.00	23.78 -0.22 0.00	21.63 -0.20 0.00	20.87 -0.25 0.00	20.68 -0.21 0.00	21.60 -0.20 0.00	24.40 -0.17 0.00	25.91 -0.21 0.00	26.83 -0.19 0.00	27.37 -0.19 0.00	28.33 -0.29 0.00	30.51 -0.28 0.00	33.48 -0.34 0.00	33.89 -0.17 0.00	34.27 -0.07 0.00	37.08 -0.04 -0.12	42.44 -0.13 -0.47	48.68 -0.19 -0.59	46.74 -0.23 -1.16	42.25 -0.17 -0.74	39.45 -0.08 -0.36	35.56 -0.04 0.00	34.03 -0.10 0.00	29.56 -0.21 0.00
YORK___WARBASSE 23770	27.56 1.76 0.00	25.61 1.61 0.00	23.24 1.42 0.00	22.52 1.39 0.00	22.24 1.36 0.00	23.14 1.35 0.00	26.08 1.50 0.00	28.06 1.93 0.00	29.10 2.08 0.00	29.88 2.32 0.00	36.96 2.78 -5.57	41.43 3.05 -7.59	50.43 3.48 -13.13	53.33 3.68 -15.59	47.31 4.05 -8.93	107.32 4.77 -65.55	80.09 5.43 -32.56	76.74 5.84 -22.62	80.06 5.22 -29.03	76.52 4.71 -30.14	91.28 4.58 -47.54	52.47 3.60 -13.27	50.86 3.17 -13.56	32.31 2.53 -0.02