



ALBANY__2 23572	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.25 0.46 0.00	28.25 0.41 0.00	22.48 0.31 0.00	24.72 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.96 0.66 0.00	73.63 1.10 0.00	60.41 0.75 0.00	45.90 0.60 0.00	44.29 0.80 0.00	38.33 0.63 0.00	36.12 0.53 0.00
ALBANY__3 23573	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.25 0.46 0.00	28.25 0.41 0.00	22.48 0.31 0.00	24.72 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.96 0.66 0.00	73.63 1.10 0.00	60.41 0.75 0.00	45.90 0.60 0.00	44.29 0.80 0.00	38.33 0.63 0.00	36.12 0.53 0.00
ALBANY__4 23574	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.25 0.46 0.00	28.25 0.41 0.00	22.48 0.31 0.00	24.72 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.96 0.66 0.00	73.63 1.10 0.00	60.41 0.75 0.00	45.90 0.60 0.00	44.29 0.80 0.00	38.33 0.63 0.00	36.12 0.53 0.00
ALBANY__LFGE 323615	21.50 0.64 0.00	18.29 0.53 0.00	12.33 0.35 0.00	16.38 0.44 0.00	21.71 0.58 0.00	24.00 0.60 0.00	35.58 0.88 0.00	46.08 1.11 0.00	41.01 0.87 0.00	29.37 0.59 0.00	28.35 0.51 0.00	22.55 0.38 0.00	24.82 0.40 0.00	28.32 0.40 0.00	26.63 0.41 0.00	28.71 0.47 0.00	32.48 0.61 0.00	49.24 0.94 0.00	74.06 1.53 0.00	60.76 1.10 0.00	46.15 0.85 0.00	44.52 1.03 0.00	38.51 0.81 0.00	36.29 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	20.84 -0.02 0.00	17.79 0.03 0.00	12.02 0.05 0.00	16.03 0.09 0.00	21.25 0.12 0.00	23.74 0.34 0.00	35.19 0.49 0.00	45.76 0.79 0.00	40.91 0.77 0.00	29.23 0.45 0.00	28.22 0.38 0.00	22.39 0.22 0.00	24.83 0.40 0.00	28.55 0.63 0.00	26.73 0.51 0.00	28.74 0.50 0.00	32.21 0.34 0.00	48.77 0.46 0.00	73.36 0.82 0.00	60.33 0.67 0.00	45.81 0.51 0.00	43.86 0.37 0.00	38.20 0.50 0.00	36.18 0.60 0.00
ALCOA_RYNLDS__DRP 24188	20.84 -0.02 0.00	17.79 0.03 0.00	12.02 0.05 0.00	16.03 0.09 0.00	21.25 0.12 0.00	23.74 0.34 0.00	35.19 0.49 0.00	45.78 0.81 0.00	40.91 0.77 0.00	29.23 0.45 0.00	28.23 0.38 0.00	22.39 0.22 0.00	24.83 0.41 0.00	28.55 0.63 0.00	26.73 0.51 0.00	28.74 0.50 0.00	32.21 0.34 0.00	48.76 0.46 0.00	73.34 0.81 0.00	60.31 0.65 0.00	45.79 0.49 0.00	43.85 0.37 0.00	38.19 0.49 0.00	36.18 0.60 0.00
ALCOA__DSASP 323711	20.84 -0.02 0.00	17.79 0.03 0.00	12.02 0.05 0.00	16.03 0.09 0.00	21.25 0.12 0.00	23.74 0.34 0.00	35.19 0.49 0.00	45.78 0.81 0.00	40.91 0.77 0.00	29.23 0.45 0.00	28.23 0.38 0.00	22.39 0.22 0.00	24.83 0.41 0.00	28.55 0.63 0.00	26.73 0.51 0.00	28.74 0.50 0.00	32.21 0.34 0.00	48.76 0.46 0.00	73.34 0.81 0.00	60.31 0.65 0.00	45.79 0.49 0.00	43.85 0.37 0.00	38.19 0.49 0.00	36.18 0.60 0.00
ALLEGHENY__COGEN 23514	16.00 -0.78 4.07	17.10 -0.66 0.00	11.52 -0.46 0.00	15.38 -0.56 0.00	20.50 -0.62 0.01	22.89 -0.50 0.00	34.14 -0.38 0.19	44.93 -0.04 0.00	39.75 -0.39 0.00	28.02 -0.77 0.00	27.15 -0.70 0.00	21.50 -0.67 0.00	23.76 -0.67 0.00	27.73 -0.19 0.00	26.12 -0.10 0.00	28.29 0.05 0.00	32.04 0.17 0.00	48.78 0.48 0.00	73.64 1.10 0.00	60.92 1.26 0.00	46.25 0.96 0.00	44.02 0.54 0.00	37.73 0.03 0.00	35.97 0.38 0.00
ALTMONT_115KV_TB 2 55880	21.29 0.43 0.00	18.12 0.36 0.00	12.21 0.22 0.00	16.24 0.29 0.00	21.52 0.39 0.00	23.78 0.39 0.00	35.27 0.57 0.00	45.67 0.70 0.00	40.67 0.53 0.00	29.12 0.34 0.00	28.11 0.27 0.00	22.37 0.20 0.00	24.61 0.19 0.00	28.10 0.18 0.00	26.40 0.19 0.00	28.46 0.22 0.00	32.20 0.33 0.00	48.84 0.54 0.00	73.39 0.85 0.00	60.29 0.63 0.00	45.79 0.49 0.00	44.13 0.64 0.00	38.21 0.51 0.00	36.01 0.42 0.00
ALTONA_WT_PWR 323606	20.48 -0.38 0.00	17.52 -0.24 0.00	11.86 -0.12 0.00	15.89 -0.06 0.00	21.13 -0.01 0.00	23.62 0.23 0.00	35.19 0.49 0.00	45.95 0.98 0.00	41.04 0.91 0.00	29.28 0.49 0.00	28.22 0.38 0.00	22.31 0.14 0.00	24.74 0.31 0.00	28.53 0.60 0.00	26.78 0.56 0.00	28.84 0.60 0.00	32.42 0.55 0.00	49.10 0.79 0.00	73.82 1.29 0.00	60.62 0.96 0.00	45.91 0.61 0.00	43.72 0.23 0.00	37.87 0.17 0.00	35.92 0.33 0.00
AMERICAN_REF_FUEL 24010	15.90 -2.35 2.60	15.70 -2.06 0.00	10.51 -1.47 0.00	14.01 -1.93 0.00	18.45 -2.61 0.07	20.61 -2.76 0.02	28.05 -3.97 2.68	18.21 -4.50 22.27	19.66 -4.13 16.35	25.11 -3.08 0.60	25.19 -2.65 0.00	20.06 -2.11 0.00	22.27 -2.15 0.00	25.45 -2.48 0.00	23.87 -2.35 0.00	25.81 -2.42 0.00	29.15 -2.73 0.00	36.66 -4.29 7.36	45.18 -6.28 21.07	19.00 -4.93 35.73	16.38 -3.77 25.15	12.19 -3.68 27.63	21.71 -3.80 12.19	3.31 -2.71 29.57
ARKWRIGHT__SUMMIT_WT_PWR 323751	11.18 -2.18 7.49	15.89 -1.87 0.00	10.71 -1.27 0.00	14.38 -1.57 0.00	19.06 -2.02 0.05	21.31 -2.07 0.02	29.47 -2.88 2.36	33.82 -3.05 8.09	30.13 -2.97 7.04	26.59 -2.01 0.19	26.51 -1.33 0.00	21.14 -1.03 0.00	23.47 -0.95 0.00	27.03 -0.90 0.00	25.48 -0.74 0.00	27.50 -0.74 0.00	31.21 -0.66 0.00	37.56 -1.45 9.30	44.18 -2.60 25.75	14.16 -2.08 43.42	11.72 -1.72 31.86	6.75 -1.73 35.01	20.22 -2.04 15.44	-4.27 -1.40 38.46
ARTHUR KILL_GT_1 23520	21.96 1.11 0.00	18.61 0.85 0.00	12.53 0.55 0.00	16.64 0.69 0.00	22.03 0.89 0.00	24.38 0.99 0.00	36.33 1.63 0.00	46.95 1.98 0.00	42.00 1.86 0.00	30.32 1.54 0.00	29.19 1.35 0.00	23.34 1.16 0.00	25.55 1.13 0.00	29.15 1.22 0.00	27.42 1.20 0.00	29.61 1.37 0.00	33.43 1.56 0.00	50.54 2.23 0.00	75.50 2.97 0.00	62.31 2.65 0.00	47.34 2.04 0.00	45.66 2.17 0.00	39.45 1.74 0.00	36.93 1.34 0.00
ARTHUR_KILL_2 23512	21.92 1.06 0.00	18.57 0.80 0.00	12.50 0.52 0.00	16.60 0.66 0.00	21.97 0.84 0.00	24.33 0.93 0.00	36.23 1.53 0.00	46.83 1.86 0.00	41.88 1.75 0.00	30.25 1.46 0.00	29.13 1.29 0.00	23.29 1.12 0.00	25.50 1.08 0.00	29.10 1.17 0.00	27.36 1.15 0.00	29.55 1.32 0.00	33.36 1.49 0.00	50.40 2.10 0.00	75.30 2.77 0.00	62.14 2.48 0.00	47.22 1.92 0.00	45.52 2.03 0.00	39.34 1.64 0.00	36.83 1.24 0.00
ARTHUR_KILL_3 23513	21.89 1.03 0.00	18.53 0.77 0.00	12.48 0.50 0.00	16.61 0.67 0.00	22.00 0.87 0.00	24.33 0.93 0.00	36.10 1.40 0.00	46.63 1.66 0.00	41.66 1.53 0.00	30.12 1.33 0.00	29.15 1.31 0.00	23.32 1.15 0.00	25.56 1.14 0.00	29.14 1.21 0.00	27.41 1.19 0.00	29.58 1.35 0.00	33.40 1.53 0.00	50.44 2.14 0.00	75.37 2.84 0.00	62.08 2.42 0.00	47.15 1.85 0.00	45.42 1.93 0.00	39.33 1.63 0.00	36.82 1.24 0.00



ASTORIA_GT4_4 24105	21.96 1.11 0.00	18.61 0.85 0.00	12.53 0.55 0.00	16.65 0.71 0.00	22.07 0.94 0.00	24.41 1.01 0.00	36.09 1.39 0.00	46.63 1.67 0.00	41.81 1.67 0.00	30.24 1.46 0.00	29.24 1.40 0.00	23.39 1.22 0.00	25.64 1.21 0.00	29.23 1.31 0.00	27.49 1.27 0.00	29.68 1.45 0.00	33.44 1.57 0.00	50.46 2.16 0.00	75.42 2.89 0.00	62.19 2.54 0.00	47.22 1.92 0.00	45.53 2.04 0.00	39.41 1.71 0.00	36.89 1.30 0.00
ASTORIA_GT_1 23523	22.00 1.14 0.00	18.63 0.87 0.00	12.54 0.56 0.00	16.68 0.73 0.00	22.10 0.96 0.00	24.44 1.05 0.00	36.16 1.45 0.00	46.71 1.74 0.00	41.89 1.75 0.00	30.30 1.51 0.00	29.29 1.45 0.00	23.43 1.26 0.00	25.68 1.25 0.00	29.28 1.36 0.00	27.54 1.32 0.00	29.74 1.50 0.00	33.49 1.62 0.00	50.56 2.26 0.00	75.56 3.03 0.00	62.29 2.64 0.00	47.30 2.00 0.00	45.61 2.12 0.00	39.48 1.77 0.00	36.95 1.36 0.00
ASTORIA_GT_10 24110	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.48 1.09 0.00	36.32 1.61 0.00	46.90 1.93 0.00	41.97 1.83 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.34 1.41 0.00	27.59 1.37 0.00	29.78 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.77 3.24 0.00	62.37 2.71 0.00	47.36 2.06 0.00	45.68 2.19 0.00	39.55 1.85 0.00	37.05 1.46 0.00
ASTORIA_GT_11 24225	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.48 1.09 0.00	36.32 1.61 0.00	46.90 1.93 0.00	41.97 1.83 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.34 1.41 0.00	27.59 1.37 0.00	29.78 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.77 3.24 0.00	62.37 2.71 0.00	47.36 2.06 0.00	45.68 2.19 0.00	39.55 1.85 0.00	37.05 1.46 0.00
ASTORIA_GT_12 24226	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.48 1.09 0.00	36.32 1.61 0.00	46.90 1.93 0.00	41.97 1.83 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.34 1.41 0.00	27.59 1.37 0.00	29.78 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.77 3.24 0.00	62.37 2.71 0.00	47.36 2.06 0.00	45.68 2.19 0.00	39.55 1.85 0.00	37.05 1.46 0.00
ASTORIA_GT_13 24227	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.48 1.09 0.00	36.32 1.61 0.00	46.90 1.93 0.00	41.97 1.83 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.34 1.41 0.00	27.59 1.37 0.00	29.78 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.77 3.24 0.00	62.37 2.71 0.00	47.36 2.06 0.00	45.68 2.19 0.00	39.55 1.85 0.00	37.05 1.46 0.00
ASTORIA_GT_5 24106	22.00 1.14 0.00	18.63 0.87 0.00	12.54 0.56 0.00	16.68 0.73 0.00	22.10 0.96 0.00	24.44 1.05 0.00	36.16 1.45 0.00	46.71 1.74 0.00	41.89 1.75 0.00	30.30 1.51 0.00	29.29 1.45 0.00	23.43 1.26 0.00	25.68 1.25 0.00	29.28 1.36 0.00	27.54 1.32 0.00	29.74 1.50 0.00	33.49 1.62 0.00	50.56 2.26 0.00	75.56 3.03 0.00	62.29 2.64 0.00	47.30 2.00 0.00	45.61 2.12 0.00	39.48 1.77 0.00	36.95 1.36 0.00
ASTORIA_GT_7 24107	22.00 1.14 0.00	18.63 0.87 0.00	12.54 0.56 0.00	16.68 0.73 0.00	22.10 0.96 0.00	24.44 1.05 0.00	36.16 1.45 0.00	46.71 1.74 0.00	41.89 1.75 0.00	30.30 1.51 0.00	29.29 1.45 0.00	23.43 1.26 0.00	25.68 1.25 0.00	29.28 1.36 0.00	27.54 1.32 0.00	29.74 1.50 0.00	33.49 1.62 0.00	50.56 2.26 0.00	75.56 3.03 0.00	62.29 2.64 0.00	47.30 2.00 0.00	45.61 2.12 0.00	39.48 1.77 0.00	36.95 1.36 0.00
ASTORIA_GT_8 24108	22.00 1.14 0.00	18.63 0.87 0.00	12.54 0.56 0.00	16.68 0.73 0.00	22.10 0.96 0.00	24.44 1.05 0.00	36.16 1.45 0.00	46.71 1.74 0.00	41.89 1.75 0.00	30.30 1.51 0.00	29.29 1.45 0.00	23.43 1.26 0.00	25.68 1.25 0.00	29.28 1.36 0.00	27.54 1.32 0.00	29.74 1.50 0.00	33.49 1.62 0.00	50.56 2.26 0.00	75.56 3.03 0.00	62.29 2.64 0.00	47.30 2.00 0.00	45.61 2.12 0.00	39.48 1.77 0.00	36.95 1.36 0.00
ASTORIA___2 24149	21.97 1.11 0.00	18.61 0.85 0.00	12.53 0.55 0.00	16.65 0.71 0.00	22.07 0.94 0.00	24.41 1.01 0.00	36.09 1.39 0.00	46.63 1.66 0.00	41.81 1.68 0.00	30.24 1.46 0.00	29.24 1.40 0.00	23.39 1.22 0.00	25.64 1.21 0.00	29.23 1.30 0.00	27.49 1.27 0.00	29.68 1.44 0.00	33.43 1.57 0.00	50.46 2.16 0.00	75.44 2.90 0.00	62.23 2.57 0.00	47.23 1.94 0.00	45.53 2.04 0.00	39.43 1.73 0.00	36.88 1.30 0.00
ASTORIA___3 23516	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.49 1.09 0.00	36.31 1.60 0.00	46.90 1.93 0.00	41.96 1.82 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.33 1.41 0.00	27.58 1.37 0.00	29.79 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.78 3.25 0.00	62.39 2.74 0.00	47.38 2.09 0.00	45.68 2.19 0.00	39.56 1.86 0.00	37.05 1.46 0.00
ASTORIA___4 23517	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.48 1.09 0.00	36.32 1.61 0.00	46.90 1.93 0.00	41.97 1.82 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.33 1.41 0.00	27.59 1.37 0.00	29.78 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.77 3.24 0.00	62.37 2.71 0.00	47.36 2.06 0.00	45.68 2.19 0.00	39.55 1.85 0.00	37.05 1.46 0.00
ASTORIA___5 23518	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.49 1.09 0.00	36.31 1.60 0.00	46.90 1.94 0.00	41.96 1.82 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.34 1.41 0.00	27.58 1.37 0.00	29.79 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.78 3.25 0.00	62.39 2.74 0.00	47.38 2.09 0.00	45.68 2.19 0.00	39.56 1.86 0.00	37.05 1.46 0.00
AST_ENERGY_2_CC3 323677	21.94 1.09 0.00	18.59 0.83 0.00	12.51 0.53 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.00 0.00	36.22 1.52 0.00	46.83 1.86 0.00	41.83 1.69 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.39 1.22 0.00	25.65 1.23 0.00	29.24 1.32 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.61 2.31 0.00	75.62 3.09 0.00	62.25 2.59 0.00	47.29 1.99 0.00	45.53 2.05 0.00	39.42 1.72 0.00	36.93 1.34 0.00
AST_ENERGY_2_CC4 323678	21.94 1.09 0.00	18.59 0.83 0.00	12.51 0.53 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.00 0.00	36.22 1.52 0.00	46.83 1.86 0.00	41.83 1.69 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.39 1.22 0.00	25.65 1.23 0.00	29.24 1.32 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.61 2.31 0.00	75.62 3.09 0.00	62.25 2.59 0.00	47.29 1.99 0.00	45.53 2.05 0.00	39.42 1.72 0.00	36.93 1.34 0.00

ATHENS_STG_1 23668	21.40 0.55 0.00	18.17 0.41 0.00	12.23 0.25 0.00	16.28 0.33 0.00	21.56 0.43 0.00	23.79 0.39 0.00	35.23 0.53 0.00	45.62 0.65 0.00	40.69 0.55 0.00	29.29 0.51 0.00	28.35 0.51 0.00	22.64 0.47 0.00	24.82 0.39 0.00	28.29 0.37 0.00	26.49 0.28 0.00	28.47 0.24 0.00	32.00 0.13 0.00	48.76 0.46 0.00	73.47 0.93 0.00	60.47 0.81 0.00	45.94 0.64 0.00	44.14 0.64 0.00	38.03 0.33 0.00	36.22 0.64 0.00
ATHENS_STG_2 23670	21.40 0.55 0.00	18.17 0.41 0.00	12.23 0.25 0.00	16.28 0.33 0.00	21.56 0.43 0.00	23.79 0.39 0.00	35.23 0.53 0.00	45.62 0.65 0.00	40.69 0.55 0.00	29.29 0.51 0.00	28.35 0.51 0.00	22.64 0.47 0.00	24.82 0.39 0.00	28.29 0.37 0.00	26.49 0.28 0.00	28.47 0.24 0.00	32.00 0.13 0.00	48.76 0.46 0.00	73.47 0.93 0.00	60.47 0.81 0.00	45.94 0.64 0.00	44.14 0.64 0.00	38.03 0.33 0.00	36.22 0.64 0.00
ATHENS_STG_3 23677	21.40 0.55 0.00	18.17 0.41 0.00	12.23 0.25 0.00	16.28 0.33 0.00	21.56 0.43 0.00	23.79 0.39 0.00	35.23 0.53 0.00	45.62 0.65 0.00	40.69 0.55 0.00	29.29 0.51 0.00	28.35 0.51 0.00	22.64 0.47 0.00	24.82 0.39 0.00	28.29 0.37 0.00	26.49 0.28 0.00	28.47 0.24 0.00	32.00 0.13 0.00	48.76 0.46 0.00	73.47 0.93 0.00	60.47 0.81 0.00	45.94 0.64 0.00	44.14 0.64 0.00	38.03 0.33 0.00	36.22 0.64 0.00
AUBURN___LFGE 323710	19.68 -0.10 1.08	17.68 -0.08 0.00	11.87 -0.10 0.00	15.80 -0.15 0.00	21.01 -0.12 0.00	23.23 -0.17 0.00	34.55 -0.15 0.00	44.91 -0.06 0.00	39.84 -0.30 0.00	28.44 -0.35 0.00	27.54 -0.30 0.00	21.91 -0.26 0.00	24.21 -0.21 0.00	27.68 -0.24 0.00	26.09 -0.13 0.00	28.17 -0.07 0.00	31.83 -0.04 0.00	48.30 0.00 0.00	72.35 -0.19 0.00	59.63 -0.03 0.00	45.48 0.18 0.00	43.54 0.05 0.00	37.63 -0.07 0.00	35.45 -0.13 0.00
BABYLON_RES_REC 323704	21.90 1.04 0.00	18.52 0.77 0.00	12.45 0.47 0.00	16.57 0.63 0.00	22.01 0.88 0.00	24.40 1.01 0.00	35.94 1.24 0.00	46.44 1.47 0.00	41.51 1.37 0.00	30.11 1.33 0.00	29.14 1.30 0.00	23.17 1.00 0.00	25.33 0.90 0.00	28.86 0.94 0.00	27.16 0.94 0.00	29.33 1.09 0.00	33.26 1.39 0.00	50.31 2.01 0.00	75.39 2.85 0.00	61.89 2.23 0.00	47.19 1.90 0.00	45.70 2.22 0.00	39.61 1.91 0.00	37.10 1.52 0.00
BALL_HILL_WT_PWR 323825	15.57 -1.85 3.43	16.18 -1.58 0.00	10.87 -1.11 0.00	14.52 -1.42 0.00	19.21 -1.87 0.05	21.45 -1.93 0.02	29.64 -2.76 2.30	33.99 -2.97 8.01	30.50 -2.77 6.86	26.61 -1.99 0.19	26.34 -1.50 0.00	21.01 -1.16 0.00	23.26 -1.17 0.00	26.70 -1.23 0.00	25.10 -1.12 0.00	27.13 -1.11 0.00	30.72 -1.16 0.00	37.89 -2.01 8.40	46.06 -3.18 23.29	17.80 -2.58 39.29	14.42 -2.10 28.78	9.69 -2.18 31.62	21.45 -2.31 13.95	-0.56 -1.51 34.64
BARON_WINDS___WT_PWR 323822	12.60 -2.02 6.24	16.07 -1.69 0.00	10.89 -1.09 0.00	14.54 -1.40 0.00	19.34 -1.77 0.02	21.51 -1.88 0.01	31.50 -2.62 0.58	39.30 -3.14 2.52	35.52 -3.01 1.60	26.30 -2.40 0.09	25.84 -2.00 0.00	20.67 -1.50 0.00	22.86 -1.57 0.00	26.41 -1.52 0.00	24.94 -1.28 0.00	27.12 -1.12 0.00	30.86 -1.01 0.00	48.63 -1.66 -1.98	75.06 -2.77 -5.29	66.42 -2.09 -8.86	50.50 -1.61 -6.81	49.08 -1.89 -7.48	39.19 -1.81 -3.30	43.25 -1.29 -8.96
BARRETT_IC_1 23704	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_10 23701	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_11 23702	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_12 23703	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_2 23705	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_3 23706	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_4 23707	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_5 23708	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00

BARRETT_IC_6 23709	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_7 23710	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.89 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.36 0.93 0.00	28.91 0.99 0.00	27.20 0.99 0.00	29.29 1.06 0.00	33.10 1.23 0.00	49.85 1.55 0.00	74.44 1.90 0.00	61.12 1.46 0.00	46.67 1.37 0.00	45.25 1.76 0.00	39.23 1.53 0.00	36.78 1.20 0.00
BARRETT_IC_8 23711	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT_IC_9 23700	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT__1 23545	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BARRETT__2 23546	21.80 0.95 0.00	18.48 0.72 0.00	12.42 0.45 0.00	16.54 0.60 0.00	21.95 0.82 0.00	24.24 0.85 0.00	35.68 0.98 0.00	45.98 1.01 0.00	41.02 0.88 0.00	29.83 1.05 0.00	28.99 1.15 0.00	23.13 0.96 0.00	25.35 0.93 0.00	28.91 0.99 0.00	27.20 0.98 0.00	29.30 1.06 0.00	33.09 1.22 0.00	49.84 1.53 0.00	74.49 1.95 0.00	61.18 1.52 0.00	46.70 1.41 0.00	45.25 1.76 0.00	39.24 1.54 0.00	36.78 1.19 0.00
BATAVIA__115KV_TB1 55881	17.29 -1.30 2.26	16.60 -1.16 0.00	11.13 -0.85 0.00	14.99 -0.96 0.00	21.52 0.36 -0.02	24.05 0.65 0.00	36.66 1.41 -0.54	76.12 0.66 -30.49	65.62 -1.20 -26.69	28.72 -1.17 -1.11	26.92 -0.92 0.00	21.49 -0.68 0.00	23.78 -0.64 0.00	27.04 -0.89 0.00	25.45 -0.77 0.00	27.60 -0.64 0.00	31.17 -0.70 0.00	47.45 -0.90 -0.05	73.42 -0.98 -1.86	62.95 -0.36 -3.65	44.87 -0.46 -0.03	42.74 -0.76 -0.02	36.49 -1.23 -0.02	34.65 -0.93 0.00
BAYONEEC__CTG1 323682	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC__CTG10 323750	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC__CTG2 323683	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC__CTG3 323684	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC__CTG4 323685	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC__CTG5 323686	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC__CTG6 323687	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC__CTG7 323688	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00

BAYONEEC___CTG8 323689	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BAYONEEC___CTG9 323749	21.93 1.08 0.00	18.58 0.82 0.00	12.50 0.52 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.19 1.48 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.38 1.21 0.00	25.63 1.20 0.00	29.21 1.29 0.00	27.47 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.57 2.27 0.00	75.54 3.00 0.00	62.20 2.54 0.00	47.24 1.95 0.00	45.52 2.03 0.00	39.42 1.72 0.00	36.91 1.33 0.00
BEACON___LESR 323632	21.61 0.75 0.00	18.43 0.67 0.00	12.42 0.44 0.00	16.51 0.56 0.00	21.88 0.75 0.00	24.15 0.75 0.00	35.88 1.18 0.00	46.35 1.38 0.00	41.20 1.07 0.00	29.48 0.69 0.00	28.41 0.57 0.00	22.59 0.42 0.00	24.84 0.42 0.00	28.33 0.41 0.00	26.63 0.42 0.00	28.73 0.50 0.00	32.54 0.66 0.00	49.39 1.09 0.00	74.33 1.80 0.00	61.01 1.35 0.00	46.35 1.05 0.00	44.67 1.19 0.00	38.63 0.93 0.00	36.41 0.82 0.00
BEAVER RIVER___HYD 24048	19.75 -1.10 0.00	16.83 -0.93 0.00	11.36 -0.62 0.00	15.12 -0.82 0.00	20.11 -1.02 0.00	22.52 -0.88 0.00	33.83 -0.87 0.00	43.97 -1.00 0.00	38.76 -1.38 0.00	27.66 -1.13 0.00	27.04 -0.80 0.00	21.50 -0.67 0.00	23.93 -0.49 0.00	27.63 -0.30 0.00	25.87 -0.35 0.00	27.98 -0.25 0.00	31.15 -0.72 0.00	47.62 -0.68 0.00	73.04 0.51 0.00	60.60 0.94 0.00	45.43 0.13 0.00	43.68 0.19 0.00	38.12 0.42 0.00	35.63 0.04 0.00
BEEBEE_GT_13 23619	18.30 -0.87 1.68	17.00 -0.76 0.00	11.43 -0.55 0.00	15.23 -0.72 0.00	20.28 -0.86 -0.02	22.55 -0.85 0.00	34.07 -1.14 -0.51	47.50 -1.16 -3.69	41.61 -1.21 -2.68	27.98 -0.92 -0.11	27.14 -0.70 0.00	21.64 -0.53 0.00	23.90 -0.52 0.00	27.34 -0.58 0.00	25.67 -0.55 0.00	27.67 -0.57 0.00	31.26 -0.61 0.00	47.39 -0.92 -0.01	71.39 -1.33 -0.19	59.06 -0.96 -0.37	44.46 -0.84 0.00	42.47 -1.02 0.00	36.52 -1.18 0.00	34.75 -0.84 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.12 1.26 0.00	18.73 0.97 0.00	12.61 0.63 0.00	16.77 0.82 0.00	22.21 1.08 0.00	24.57 1.17 0.00	36.51 1.81 0.00	47.20 2.23 0.00	42.22 2.09 0.00	30.52 1.73 0.00	29.48 1.64 0.00	23.57 1.40 0.00	25.83 1.41 0.00	29.46 1.53 0.00	27.70 1.48 0.00	29.92 1.68 0.00	33.78 1.91 0.00	51.03 2.73 0.00	76.20 3.66 0.00	62.82 3.16 0.00	47.71 2.41 0.00	45.99 2.50 0.00	39.77 2.07 0.00	37.23 1.65 0.00
BETHLEHEM___GRP 23843	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.25 0.46 0.00	28.25 0.41 0.00	22.48 0.31 0.00	24.72 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.96 0.66 0.00	73.63 1.10 0.00	60.41 0.75 0.00	45.90 0.60 0.00	44.29 0.80 0.00	38.33 0.63 0.00	36.12 0.53 0.00
BETHLEHEM___GS1 323560	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.25 0.46 0.00	28.25 0.41 0.00	22.48 0.31 0.00	24.72 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.96 0.66 0.00	73.63 1.10 0.00	60.43 0.77 0.00	45.91 0.61 0.00	44.29 0.80 0.00	38.33 0.63 0.00	36.12 0.53 0.00
BETHLEHEM___GS2 323561	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.25 0.46 0.00	28.25 0.41 0.00	22.48 0.31 0.00	24.72 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.96 0.66 0.00	73.63 1.10 0.00	60.43 0.77 0.00	45.91 0.61 0.00	44.29 0.80 0.00	38.33 0.63 0.00	36.12 0.53 0.00
BETHLEHEM___GS3 323562	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.25 0.46 0.00	28.25 0.41 0.00	22.48 0.31 0.00	24.72 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.96 0.66 0.00	73.63 1.10 0.00	60.43 0.77 0.00	45.91 0.61 0.00	44.29 0.80 0.00	38.33 0.63 0.00	36.12 0.53 0.00
BETHLEHEM___STEEL 23779	16.25 -1.74 2.87	16.29 -1.48 0.00	10.92 -1.06 0.00	14.55 -1.39 0.00	19.22 -1.86 0.06	21.49 -1.89 0.02	30.30 -2.74 1.66	35.65 -2.92 6.40	32.74 -2.62 4.77	26.70 -1.89 0.20	26.34 -1.50 0.00	21.01 -1.16 0.00	23.25 -1.18 0.00	26.65 -1.27 0.00	25.03 -1.19 0.00	27.06 -1.17 0.00	30.61 -1.26 0.00	46.26 -2.03 0.01	69.21 -2.99 0.33	56.74 -2.27 0.65	43.36 -1.94 0.01	41.34 -2.15 0.00	35.42 -2.27 0.00	34.16 -1.42 0.00
BETHLHEM_115KV_TB1 79974	21.32 0.46 0.00	18.14 0.38 0.00	12.23 0.25 0.00	16.26 0.32 0.00	21.55 0.41 0.00	23.81 0.41 0.00	35.30 0.60 0.00	45.69 0.72 0.00	40.70 0.56 0.00	29.18 0.39 0.00	28.17 0.33 0.00	22.42 0.25 0.00	24.66 0.23 0.00	28.16 0.23 0.00	26.44 0.23 0.00	28.51 0.27 0.00	32.24 0.37 0.00	48.89 0.59 0.00	73.42 0.89 0.00	60.31 0.65 0.00	45.79 0.50 0.00	44.16 0.67 0.00	38.24 0.54 0.00	36.03 0.45 0.00
BETHPAGE_CC_5 323564	21.78 0.93 0.00	18.43 0.68 0.00	12.39 0.41 0.00	16.50 0.55 0.00	21.89 0.76 0.00	24.21 0.81 0.00	35.67 0.97 0.00	46.06 1.09 0.00	41.17 1.03 0.00	29.88 1.09 0.00	28.95 1.10 0.00	23.07 0.90 0.00	25.25 0.83 0.00	28.81 0.88 0.00	27.11 0.89 0.00	29.25 1.02 0.00	33.15 1.28 0.00	50.03 1.72 0.00	74.87 2.33 0.00	61.51 1.85 0.00	46.87 1.58 0.00	45.37 1.88 0.00	39.31 1.61 0.00	36.89 1.30 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.44 -1.55 2.87	16.47 -1.29 0.00	11.04 -0.94 0.00	14.72 -1.23 0.00	19.45 -1.63 0.06	21.74 -1.64 0.02	30.74 -2.34 1.63	36.15 -2.37 6.44	33.22 -2.13 4.79	27.03 -1.56 0.20	26.66 -1.19 0.00	21.26 -0.91 0.00	23.52 -0.90 0.00	26.96 -0.97 0.00	25.33 -0.88 0.00	27.39 -0.84 0.00	30.99 -0.88 0.00	46.87 -1.42 0.01	70.17 -2.03 0.34	57.49 -1.52 0.66	43.89 -1.40 0.01	41.82 -1.67 0.00	35.86 -1.83 0.00	34.55 -1.03 0.00
BINGHAMTON___COGEN 23790	24.24 -0.26 -3.64	17.53 -0.23 0.00	11.82 -0.16 0.00	15.74 -0.20 0.00	20.86 -0.26 0.01	23.11 -0.28 0.00	34.06 -0.37 0.27	44.49 -0.48 0.00	39.62 -0.52 0.00	28.46 -0.33 0.00	27.65 -0.19 0.00	22.00 -0.17 0.00	24.17 -0.25 0.00	27.68 -0.24 0.00	25.95 -0.26 0.00	28.00 -0.23 0.00	31.68 -0.20 0.00	47.95 -0.35 0.00	71.98 -0.55 0.00	59.29 -0.37 0.00	45.03 -0.27 0.00	43.13 -0.36 0.00	37.34 -0.36 0.00	35.29 -0.30 0.00

BIXINCNT_115KV_LOAD 355685	16.93 -1.71 2.22	16.48 -1.28 0.00	11.14 -0.84 0.00	14.82 -1.12 0.00	19.63 -1.45 0.05	21.99 -1.39 0.02	31.34 -1.83 1.53	37.10 -1.68 6.20	33.94 -1.61 4.58	27.36 -1.24 0.19	26.97 -0.87 0.00	21.52 -0.65 0.00	23.84 -0.59 0.00	27.33 -0.60 0.00	25.83 -0.38 0.00	27.94 -0.30 0.00	31.62 -0.25 0.00	47.78 -0.51 0.01	71.35 -0.86 0.32	58.47 -0.57 0.63	44.54 -0.75 0.01	42.40 -1.09 0.00	36.50 -1.19 0.00	35.15 -0.44 0.00
BLACK RIVER___HYD 24047	19.54 -1.32 0.00	16.60 -1.16 0.00	11.21 -0.77 0.00	14.93 -1.01 0.00	19.87 -1.26 0.00	22.30 -1.09 0.00	33.61 -1.09 0.00	43.74 -1.23 0.00	38.41 -1.73 0.00	27.32 -1.47 0.00	26.73 -1.11 0.00	21.29 -0.87 0.00	23.82 -0.61 0.00	27.62 -0.30 0.00	25.77 -0.45 0.00	27.82 -0.41 0.00	30.95 -0.92 0.00	47.38 -0.93 0.00	73.31 0.78 0.00	61.03 1.37 0.00	45.61 0.31 0.00	43.72 0.23 0.00	38.14 0.44 0.00	35.49 -0.09 0.00
BLACKRVR_115KV_TB2 79977	19.54 -1.32 0.00	16.60 -1.16 0.00	11.21 -0.77 0.00	14.93 -1.01 0.00	19.87 -1.26 0.00	22.31 -1.09 0.00	33.61 -1.09 0.00	43.74 -1.23 0.00	38.41 -1.73 0.00	27.32 -1.47 0.00	26.73 -1.11 0.00	21.29 -0.87 0.00	23.82 -0.61 0.00	27.62 -0.30 0.00	25.77 -0.45 0.00	27.82 -0.41 0.00	30.95 -0.92 0.00	47.38 -0.93 0.00	73.32 0.78 0.00	61.04 1.38 0.00	45.61 0.32 0.00	43.72 0.23 0.00	38.14 0.45 0.00	35.49 -0.09 0.00
BLDWN_LI_69_KV_BK4 356085	21.87 1.01 0.00	18.52 0.76 0.00	12.45 0.47 0.00	16.57 0.63 0.00	21.99 0.86 0.00	24.34 0.94 0.00	35.88 1.18 0.00	46.33 1.36 0.00	41.37 1.23 0.00	30.01 1.22 0.00	29.08 1.24 0.00	23.17 1.00 0.00	25.38 0.96 0.00	28.94 1.02 0.00	27.23 1.02 0.00	29.37 1.14 0.00	33.26 1.39 0.00	50.21 1.91 0.00	75.11 2.57 0.00	61.73 2.07 0.00	47.08 1.79 0.00	45.58 2.09 0.00	39.48 1.77 0.00	36.99 1.41 0.00
BLISS_WT_PWR 323608	16.77 -1.86 2.22	16.39 -1.37 0.00	11.10 -0.88 0.00	14.77 -1.18 0.00	19.56 -1.52 0.05	21.94 -1.44 0.02	30.44 -1.85 2.41	35.03 -1.71 8.24	31.25 -1.66 7.24	27.32 -1.27 0.19	26.92 -0.92 0.00	21.48 -0.69 0.00	23.81 -0.61 0.00	27.31 -0.62 0.00	25.85 -0.36 0.00	27.97 -0.27 0.00	31.66 -0.21 0.00	37.81 -0.48 10.02	43.85 -0.96 27.72	12.16 -0.77 46.73	10.09 -0.88 34.32	4.64 -1.13 37.72	19.80 -1.26 16.63	-6.34 -0.42 41.51
BLUESTONE___WT_PWR 323821	22.20 -0.01 -1.35	17.63 -0.13 0.00	12.00 0.02 0.00	16.02 0.07 0.00	21.40 0.28 0.01	23.71 0.32 0.00	35.16 0.48 0.02	45.54 0.26 -0.31	40.38 -0.17 -0.42	28.81 0.02 0.00	28.09 0.25 0.00	22.29 0.12 0.00	24.63 0.20 0.00	28.30 0.38 0.00	26.40 0.18 0.00	28.13 -0.11 0.00	31.93 0.06 0.00	51.22 1.35 -1.58	78.72 1.87 -4.32	68.88 1.95 -7.27	52.03 1.31 -5.41	50.57 1.13 -5.95	40.82 0.50 -2.62	42.91 0.50 -6.83
BLUE_CIRC_CHEM_DRP 24182	21.41 0.55 0.00	18.22 0.46 0.00	12.29 0.30 0.00	16.34 0.39 0.00	21.65 0.52 0.00	23.92 0.53 0.00	35.45 0.75 0.00	45.89 0.92 0.00	40.76 0.62 0.00	29.11 0.32 0.00	28.09 0.25 0.00	22.36 0.20 0.00	24.61 0.18 0.00	28.10 0.17 0.00	26.44 0.22 0.00	28.52 0.29 0.00	32.32 0.45 0.00	49.03 0.73 0.00	73.69 1.16 0.00	60.51 0.85 0.00	45.96 0.66 0.00	44.32 0.83 0.00	38.38 0.68 0.00	36.18 0.59 0.00
BOC_GAS_DRP 24189	21.25 0.40 0.00	18.09 0.33 0.00	12.19 0.21 0.00	16.21 0.27 0.00	21.48 0.35 0.00	23.73 0.33 0.00	35.17 0.47 0.00	45.52 0.55 0.00	40.56 0.43 0.00	29.11 0.32 0.00	28.12 0.28 0.00	22.39 0.22 0.00	24.63 0.21 0.00	28.13 0.20 0.00	26.41 0.20 0.00	28.45 0.21 0.00	32.15 0.28 0.00	48.74 0.43 0.00	73.19 0.66 0.00	60.11 0.45 0.00	45.66 0.36 0.00	44.01 0.52 0.00	38.13 0.43 0.00	35.93 0.35 0.00
BOONVILLE_115KV_TB1 79983	20.62 -0.23 0.00	17.57 -0.19 0.00	11.85 -0.13 0.00	15.77 -0.17 0.00	20.94 -0.19 0.00	23.32 -0.08 0.00	34.85 0.14 0.00	45.22 0.25 0.00	40.05 -0.09 0.00	28.60 -0.18 0.00	27.84 -0.01 0.00	22.14 -0.03 0.00	24.50 0.07 0.00	28.09 0.17 0.00	26.40 0.18 0.00	28.52 0.29 0.00	32.01 0.14 0.00	48.86 0.56 0.00	74.18 1.65 0.00	61.25 1.59 0.00	46.21 0.92 0.00	44.36 0.87 0.00	38.50 0.80 0.00	36.12 0.54 0.00
BORALEX_4TH_BRANCH 23824	21.34 0.49 0.00	18.24 0.48 0.00	12.28 0.30 0.00	16.25 0.31 0.00	21.55 0.42 0.00	23.83 0.43 0.00	35.33 0.63 0.00	45.86 0.89 0.00	40.72 0.58 0.00	29.14 0.36 0.00	28.12 0.28 0.00	22.31 0.14 0.00	24.56 0.13 0.00	27.98 0.06 0.00	26.21 0.00 0.00	28.00 -0.23 0.00	31.86 -0.01 0.00	48.22 -0.08 0.00	73.04 0.51 0.00	59.68 0.02 0.00	45.44 0.15 0.00	44.14 0.65 0.00	38.14 0.44 0.00	35.90 0.31 0.00
BOWLINE___1 23526	21.62 0.76 0.00	18.32 0.56 0.00	12.34 0.36 0.00	16.42 0.48 0.00	21.75 0.62 0.00	24.03 0.64 0.00	35.70 1.00 0.00	46.21 1.24 0.00	41.21 1.07 0.00	29.69 0.90 0.00	28.71 0.86 0.00	22.95 0.78 0.00	25.15 0.73 0.00	28.70 0.78 0.00	26.99 0.77 0.00	29.13 0.89 0.00	32.92 1.05 0.00	49.80 1.50 0.00	74.58 2.04 0.00	61.43 1.77 0.00	46.64 1.34 0.00	44.94 1.45 0.00	38.89 1.19 0.00	36.44 0.85 0.00
BOWLINE___2 23595	21.62 0.76 0.00	18.32 0.56 0.00	12.34 0.36 0.00	16.42 0.48 0.00	21.75 0.62 0.00	24.03 0.64 0.00	35.71 1.01 0.00	46.21 1.24 0.00	41.21 1.07 0.00	29.69 0.90 0.00	28.71 0.86 0.00	22.95 0.78 0.00	25.15 0.73 0.00	28.70 0.78 0.00	26.99 0.77 0.00	29.13 0.89 0.00	32.92 1.05 0.00	49.80 1.50 0.00	74.58 2.04 0.00	61.43 1.77 0.00	46.64 1.34 0.00	44.94 1.45 0.00	38.89 1.19 0.00	36.44 0.85 0.00
BRADY___115KV_TB2 356060	20.96 0.11 0.00	17.90 0.14 0.00	12.10 0.12 0.00	16.15 0.20 0.00	21.41 0.28 0.00	23.95 0.55 0.00	35.53 0.82 0.00	46.24 1.27 0.00	41.21 1.08 0.00	29.22 0.43 0.00	28.17 0.33 0.00	22.36 0.19 0.00	24.84 0.41 0.00	28.72 0.79 0.00	26.86 0.64 0.00	28.84 0.61 0.00	32.18 0.31 0.00	48.89 0.59 0.00	73.90 1.37 0.00	60.87 1.21 0.00	46.20 0.90 0.00	44.28 0.78 0.00	38.56 0.87 0.00	36.50 0.91 0.00
BRANSCOMB___SOLAR 323811	21.46 0.61 0.00	18.27 0.51 0.00	12.30 0.32 0.00	16.35 0.41 0.00	21.69 0.56 0.00	24.03 0.63 0.00	35.73 1.03 0.00	46.35 1.39 0.00	41.07 0.94 0.00	29.14 0.36 0.00	27.96 0.12 0.00	22.17 0.00 0.00	24.39 -0.03 0.00	27.84 -0.08 0.00	26.18 -0.04 0.00	28.34 0.11 0.00	32.34 0.47 0.00	49.22 0.92 0.00	74.37 1.83 0.00	60.98 1.32 0.00	46.30 1.00 0.00	44.65 1.16 0.00	38.51 0.81 0.00	36.22 0.63 0.00
BRDGHMPT_69_KV_BK1 55812	21.57 0.72 0.00	18.25 0.49 0.00	12.21 0.23 0.00	16.28 0.34 0.00	21.92 0.78 0.00	24.48 1.09 0.00	35.97 1.27 0.00	46.65 1.68 0.00	41.65 1.51 0.00	30.18 1.40 0.00	29.00 1.16 0.00	22.88 0.71 0.00	24.92 0.50 0.00	28.37 0.45 0.00	26.67 0.45 0.00	28.60 0.37 0.00	32.36 0.49 0.00	49.19 0.89 0.00	73.93 1.40 0.00	60.27 0.61 0.00	45.73 0.43 0.00	44.84 1.34 0.00	38.92 1.22 0.00	36.57 0.99 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	21.96 1.11 0.00	18.58 0.82 0.00	12.48 0.50 0.00	16.62 0.68 0.00	22.08 0.95 0.00	24.51 1.11 0.00	36.03 1.33 0.00	46.47 1.50 0.00	41.55 1.42 0.00	30.22 1.43 0.00	29.27 1.43 0.00	23.25 1.08 0.00	25.42 0.99 0.00	28.95 1.03 0.00	27.24 1.02 0.00	29.39 1.15 0.00	33.37 1.50 0.00	50.49 2.19 0.00	75.59 3.05 0.00	61.83 2.17 0.00	47.23 1.93 0.00	45.86 2.37 0.00	39.75 2.05 0.00	37.26 1.67 0.00
BRISTLHL_115KV_TB1 79998	20.16 -0.70 0.00	17.16 -0.60 0.00	11.57 -0.40 0.00	15.40 -0.55 0.00	20.40 -0.73 0.00	22.60 -0.80 0.00	33.57 -1.14 0.00	43.55 -1.41 0.00	38.79 -1.35 0.00	27.80 -0.99 0.00	26.92 -0.92 0.00	21.47 -0.70 0.00	23.66 -0.76 0.00	27.03 -0.89 0.00	25.36 -0.86 0.00	27.36 -0.88 0.00	30.74 -1.13 0.00	46.71 -1.59 0.00	70.38 -2.16 0.00	58.00 -1.66 0.00	44.05 -1.24 0.00	42.25 -1.24 0.00	36.53 -1.17 0.00	34.44 -1.14 0.00
BROOKHAVEN__DRP 24191	21.71 0.85 0.00	18.36 0.60 0.00	12.32 0.34 0.00	16.41 0.47 0.00	21.87 0.74 0.00	24.32 0.92 0.00	35.72 1.01 0.00	46.11 1.15 0.00	41.11 0.97 0.00	29.94 1.15 0.00	28.85 1.00 0.00	22.84 0.67 0.00	24.94 0.52 0.00	28.46 0.54 0.00	26.79 0.57 0.00	28.85 0.61 0.00	32.75 0.88 0.00	49.76 1.46 0.00	74.58 2.05 0.00	60.81 1.15 0.00	46.20 0.90 0.00	45.23 1.74 0.00	39.27 1.57 0.00	36.92 1.34 0.00
BROOKLYN_NAVY_YARD 23515	21.91 1.06 0.00	18.56 0.80 0.00	12.49 0.51 0.00	16.63 0.69 0.00	22.02 0.89 0.00	24.35 0.95 0.00	36.14 1.44 0.00	46.71 1.74 0.00	41.73 1.60 0.00	30.20 1.41 0.00	29.20 1.36 0.00	23.35 1.17 0.00	25.61 1.19 0.00	29.19 1.26 0.00	27.43 1.22 0.00	29.61 1.37 0.00	33.43 1.56 0.00	50.50 2.20 0.00	75.45 2.91 0.00	62.13 2.48 0.00	47.19 1.90 0.00	45.44 1.95 0.00	39.36 1.66 0.00	36.87 1.28 0.00
BROOKLYN__ARMY_DRP 323595	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.99 0.00	24.46 1.07 0.00	36.36 1.66 0.00	46.97 2.00 0.00	42.02 1.88 0.00	30.37 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.71 1.28 0.00	29.31 1.39 0.00	27.56 1.35 0.00	29.77 1.53 0.00	33.60 1.73 0.00	50.77 2.47 0.00	75.80 3.26 0.00	62.46 2.81 0.00	47.44 2.15 0.00	45.74 2.25 0.00	39.57 1.87 0.00	37.05 1.47 0.00
BROOME_2_LFGE 323671	24.24 -0.26 -3.64	17.53 -0.23 0.00	11.82 -0.15 0.00	15.74 -0.20 0.00	20.86 -0.26 0.01	23.11 -0.28 0.00	34.30 -0.37 0.03	45.03 -0.49 -0.55	40.36 -0.52 -0.74	28.46 -0.33 0.00	27.65 -0.19 0.00	22.00 -0.17 0.00	24.18 -0.25 0.00	27.68 -0.24 0.00	25.95 -0.27 0.00	28.01 -0.23 0.00	31.68 -0.19 0.00	50.74 -0.36 -2.79	79.59 -0.57 -7.63	72.08 -0.43 -12.85	54.56 -0.30 -9.56	53.63 -0.37 -10.51	41.95 -0.38 -4.63	47.35 -0.30 -12.06
BROOME__LFGE 323600	24.24 -0.26 -3.64	17.53 -0.23 0.00	11.82 -0.15 0.00	15.74 -0.20 0.00	20.86 -0.26 0.01	23.11 -0.28 0.00	34.30 -0.37 0.03	45.03 -0.49 -0.55	40.36 -0.52 -0.74	28.46 -0.33 0.00	27.65 -0.19 0.00	22.00 -0.17 0.00	24.18 -0.25 0.00	27.68 -0.24 0.00	25.95 -0.27 0.00	28.01 -0.23 0.00	31.68 -0.19 0.00	50.74 -0.36 -2.79	79.59 -0.57 -7.63	72.08 -0.43 -12.85	54.56 -0.30 -9.56	53.63 -0.37 -10.51	41.95 -0.38 -4.63	47.35 -0.30 -12.06
BROWNFLS_115KV_TB 3_5 80003	19.98 -0.87 0.00	17.04 -0.72 0.00	11.51 -0.47 0.00	15.35 -0.60 0.00	20.38 -0.75 0.00	22.82 -0.58 0.00	34.10 -0.60 0.00	44.34 -0.63 0.00	39.30 -0.84 0.00	28.01 -0.78 0.00	27.20 -0.64 0.00	21.60 -0.57 0.00	24.03 -0.39 0.00	27.73 -0.19 0.00	25.97 -0.25 0.00	27.99 -0.25 0.00	31.14 -0.72 0.00	47.44 -0.86 0.00	72.28 -0.26 0.00	59.76 0.10 0.00	45.07 -0.23 0.00	43.34 -0.15 0.00	37.85 0.15 0.00	35.56 -0.02 0.00
BROWNSV1_27_KV_LOAD 356125	22.11 1.25 0.00	18.72 0.96 0.00	12.60 0.62 0.00	16.77 0.83 0.00	22.22 1.08 0.00	24.57 1.18 0.00	36.51 1.81 0.00	47.24 2.27 0.00	42.19 2.06 0.00	30.49 1.71 0.00	29.51 1.67 0.00	23.59 1.42 0.00	25.86 1.43 0.00	29.47 1.54 0.00	27.71 1.50 0.00	29.91 1.67 0.00	33.78 1.91 0.00	51.05 2.74 0.00	76.25 3.71 0.00	62.81 3.15 0.00	47.70 2.41 0.00	45.95 2.46 0.00	39.74 2.04 0.00	37.24 1.66 0.00
BURROWS__LYONSDAL 23803	20.37 -0.49 0.00	17.35 -0.41 0.00	11.70 -0.28 0.00	15.58 -0.37 0.00	20.70 -0.43 0.00	23.07 -0.32 0.00	34.53 -0.17 0.00	44.82 -0.14 0.00	39.64 -0.50 0.00	28.34 -0.45 0.00	27.63 -0.21 0.00	21.98 -0.19 0.00	24.34 -0.09 0.00	27.94 0.02 0.00	26.24 0.03 0.00	28.39 0.15 0.00	31.79 -0.08 0.00	48.58 0.28 0.00	73.93 1.40 0.00	61.13 1.47 0.00	46.02 0.72 0.00	44.19 0.71 0.00	38.42 0.72 0.00	36.00 0.42 0.00
CAITHNESS_CC_1 323624	21.68 0.82 0.00	18.34 0.58 0.00	12.30 0.32 0.00	16.39 0.44 0.00	21.84 0.71 0.00	24.28 0.88 0.00	35.64 0.94 0.00	45.99 1.02 0.00	41.01 0.87 0.00	29.89 1.10 0.00	28.82 0.98 0.00	22.82 0.65 0.00	24.93 0.51 0.00	28.48 0.55 0.00	26.80 0.59 0.00	28.87 0.64 0.00	32.77 0.90 0.00	49.74 1.44 0.00	74.54 2.01 0.00	60.85 1.19 0.00	46.27 0.97 0.00	45.22 1.73 0.00	39.26 1.56 0.00	36.87 1.29 0.00
CALPINE BETH_PAGE_GT4 24209	21.77 0.92 0.00	18.43 0.67 0.00	12.39 0.41 0.00	16.49 0.55 0.00	21.89 0.75 0.00	24.17 0.78 0.00	35.62 0.92 0.00	45.99 1.02 0.00	41.10 0.97 0.00	29.83 1.05 0.00	28.91 1.07 0.00	23.07 0.90 0.00	25.26 0.84 0.00	28.84 0.92 0.00	27.14 0.92 0.00	29.29 1.05 0.00	33.18 1.31 0.00	50.00 1.70 0.00	74.79 2.26 0.00	61.42 1.76 0.00	46.80 1.50 0.00	45.33 1.84 0.00	39.26 1.56 0.00	36.91 1.32 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.78 0.92 0.00	18.43 0.67 0.00	12.39 0.41 0.00	16.49 0.55 0.00	21.88 0.75 0.00	24.17 0.77 0.00	35.61 0.91 0.00	45.98 1.01 0.00	41.10 0.96 0.00	29.83 1.05 0.00	28.91 1.07 0.00	23.07 0.90 0.00	25.26 0.83 0.00	28.84 0.92 0.00	27.14 0.92 0.00	29.29 1.05 0.00	33.17 1.31 0.00	49.99 1.69 0.00	74.82 2.28 0.00	61.47 1.81 0.00	46.83 1.53 0.00	45.33 1.84 0.00	39.28 1.58 0.00	36.90 1.32 0.00
CALPINE_BP_GT1 23823	21.78 0.92 0.00	18.43 0.67 0.00	12.39 0.41 0.00	16.49 0.55 0.00	21.88 0.75 0.00	24.17 0.77 0.00	35.61 0.91 0.00	45.98 1.01 0.00	41.10 0.96 0.00	29.83 1.05 0.00	28.91 1.07 0.00	23.07 0.90 0.00	25.26 0.83 0.00	28.84 0.92 0.00	27.14 0.92 0.00	29.29 1.05 0.00	33.17 1.31 0.00	49.99 1.69 0.00	74.82 2.28 0.00	61.47 1.81 0.00	46.83 1.53 0.00	45.33 1.84 0.00	39.28 1.58 0.00	36.90 1.32 0.00
CALSPAN__DRP 24200	16.25 -1.74 2.87	16.29 -1.48 0.00	10.92 -1.06 0.00	14.55 -1.39 0.00	19.22 -1.86 0.06	21.49 -1.89 0.02	30.30 -2.74 1.66	35.65 -2.92 6.40	32.74 -2.62 4.77	26.70 -1.89 0.20	26.34 -1.50 0.00	21.01 -1.16 0.00	23.25 -1.18 0.00	26.65 -1.27 0.00	25.03 -1.19 0.00	27.06 -1.17 0.00	30.61 -1.26 0.00	46.26 -2.03 0.01	69.21 -2.99 0.33	56.74 -2.27 0.65	43.36 -1.94 0.01	41.34 -2.15 0.00	35.42 -2.27 0.00	34.16 -1.42 0.00

CALVERTON__SOLAR 323806	21.73 0.87 0.00	18.37 0.61 0.00	12.33 0.35 0.00	16.42 0.47 0.00	21.90 0.77 0.00	24.36 0.97 0.00	35.78 1.08 0.00	46.24 1.27 0.00	41.21 1.08 0.00	29.99 1.20 0.00	28.87 1.03 0.00	22.84 0.67 0.00	24.93 0.51 0.00	28.45 0.52 0.00	26.77 0.55 0.00	28.81 0.57 0.00	32.71 0.84 0.00	49.75 1.45 0.00	74.65 2.12 0.00	60.83 1.17 0.00	46.20 0.90 0.00	45.24 1.75 0.00	39.30 1.60 0.00	36.95 1.36 0.00
CANDIGU_WT_PWR 323617	12.60 -2.02 6.24	16.07 -1.69 0.00	10.89 -1.09 0.00	14.54 -1.40 0.00	19.34 -1.77 0.02	21.51 -1.88 0.01	31.50 -2.62 0.58	39.30 -3.14 2.52	35.52 -3.01 1.60	26.30 -2.40 0.09	25.84 -2.00 0.00	20.67 -1.50 0.00	22.86 -1.57 0.00	26.41 -1.52 0.00	24.94 -1.28 0.00	27.12 -1.12 0.00	30.86 -1.01 0.00	48.63 -1.66 -1.98	75.06 -2.77 -5.29	66.42 -2.09 -8.86	50.50 -1.61 -6.81	49.08 -1.89 -7.48	39.19 -1.81 -3.30	43.25 -1.29 -8.96
CARR STREET_E_SYR 24060	20.58 -0.28 0.00	17.52 -0.23 0.00	11.82 -0.17 0.00	15.72 -0.22 0.00	20.83 -0.30 0.00	23.07 -0.32 0.00	34.26 -0.44 0.00	44.46 -0.51 0.00	39.59 -0.54 0.00	28.37 -0.42 0.00	27.51 -0.33 0.00	21.94 -0.22 0.00	24.17 -0.26 0.00	27.63 -0.29 0.00	25.94 -0.28 0.00	27.93 -0.30 0.00	31.51 -0.35 0.00	47.79 -0.51 0.00	71.78 -0.75 0.00	59.09 -0.57 0.00	44.90 -0.40 0.00	43.04 -0.45 0.00	37.23 -0.47 0.00	35.15 -0.44 0.00
CARTHAGE__PAPER 23857	19.80 -1.06 0.00	16.84 -0.91 0.00	11.37 -0.61 0.00	15.15 -0.79 0.00	20.15 -0.98 0.00	22.61 -0.79 0.00	34.01 -0.69 0.00	44.23 -0.73 0.00	38.89 -1.25 0.00	27.66 -1.13 0.00	27.00 -0.84 0.00	21.50 -0.67 0.00	24.03 -0.40 0.00	27.82 -0.10 0.00	26.01 -0.20 0.00	28.09 -0.15 0.00	31.26 -0.61 0.00	47.81 -0.50 0.00	73.72 1.19 0.00	61.27 1.61 0.00	45.87 0.57 0.00	44.01 0.52 0.00	38.40 0.70 0.00	35.82 0.23 0.00
CASSADAGA_WT_PWR 323784	9.91 -2.13 8.82	15.92 -1.84 0.00	10.75 -1.23 0.00	14.47 -1.47 0.00	19.18 -1.90 0.05	21.44 -1.94 0.02	29.70 -2.64 2.36	34.19 -2.67 8.11	30.36 -2.70 7.07	26.85 -1.75 0.19	26.76 -1.08 0.00	21.37 -0.81 0.00	23.70 -0.72 0.00	27.30 -0.63 0.00	25.79 -0.43 0.00	27.84 -0.39 0.00	31.57 -0.30 0.00	37.99 -0.85 9.47	44.54 -1.79 26.21	13.98 -1.48 44.19	11.55 -1.31 32.44	6.48 -1.36 35.64	20.19 -1.79 15.72	-4.67 -1.07 39.19
CE_DUNWOOD__DRP 24194	21.76 0.91 0.00	18.45 0.69 0.00	12.42 0.44 0.00	16.53 0.59 0.00	21.90 0.77 0.00	24.21 0.81 0.00	35.95 1.25 0.00	46.51 1.54 0.00	41.51 1.37 0.00	29.94 1.16 0.00	28.96 1.12 0.00	23.14 0.97 0.00	25.37 0.94 0.00	28.93 1.01 0.00	27.19 0.98 0.00	29.35 1.11 0.00	33.15 1.28 0.00	50.16 1.86 0.00	75.05 2.52 0.00	61.78 2.12 0.00	46.92 1.62 0.00	45.21 1.72 0.00	39.12 1.42 0.00	36.67 1.09 0.00
CE_MILLWOOD__DRP 24193	21.72 0.87 0.00	18.41 0.66 0.00	12.40 0.42 0.00	16.50 0.56 0.00	21.86 0.73 0.00	24.16 0.76 0.00	35.88 1.17 0.00	46.42 1.45 0.00	41.42 1.28 0.00	29.86 1.08 0.00	28.88 1.04 0.00	23.07 0.90 0.00	25.29 0.87 0.00	28.85 0.92 0.00	27.12 0.90 0.00	29.26 1.03 0.00	33.06 1.19 0.00	50.03 1.73 0.00	74.88 2.35 0.00	61.64 1.98 0.00	46.82 1.52 0.00	45.12 1.63 0.00	39.03 1.33 0.00	36.60 1.01 0.00
CE_NYC2_DRP 24202	22.01 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.71 0.76 0.00	22.14 1.00 0.00	24.48 1.08 0.00	36.31 1.60 0.00	46.91 1.94 0.00	41.96 1.82 0.00	30.35 1.57 0.00	29.35 1.52 0.00	23.48 1.31 0.00	25.74 1.31 0.00	29.33 1.41 0.00	27.59 1.37 0.00	29.78 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.78 3.25 0.00	62.37 2.72 0.00	47.37 2.07 0.00	45.68 2.19 0.00	39.55 1.85 0.00	37.04 1.46 0.00
CE_NYC_DRP 24195	21.93 1.08 0.00	18.58 0.82 0.00	12.51 0.53 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.39 0.99 0.00	36.21 1.51 0.00	46.82 1.85 0.00	41.83 1.69 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.24 1.32 0.00	27.49 1.27 0.00	29.68 1.44 0.00	33.51 1.64 0.00	50.65 2.35 0.00	75.64 3.10 0.00	62.26 2.60 0.00	47.30 2.00 0.00	45.54 2.05 0.00	39.42 1.72 0.00	36.93 1.35 0.00
CHAFFEE__LFGE 323603	16.61 -1.65 2.59	16.35 -1.41 0.00	10.97 -1.01 0.00	14.61 -1.33 0.00	19.31 -1.77 0.06	21.58 -1.80 0.02	29.72 -2.59 2.40	34.15 -2.70 8.11	30.64 -2.45 7.05	26.79 -1.80 0.19	26.42 -1.42 0.00	21.06 -1.11 0.00	23.29 -1.14 0.00	26.71 -1.21 0.00	25.08 -1.14 0.00	27.12 -1.12 0.00	30.68 -1.19 0.00	37.41 -1.90 8.99	44.76 -2.85 24.93	15.33 -2.29 42.03	12.55 -1.92 30.82	7.58 -2.05 33.87	20.54 -2.23 14.94	-2.86 -1.36 37.09
CHATEAUG_35_KV_LOAD 355732	20.35 -0.51 0.00	17.41 -0.35 0.00	11.79 -0.19 0.00	15.81 -0.13 0.00	21.03 -0.10 0.00	23.50 0.10 0.00	35.02 0.32 0.00	45.78 0.81 0.00	40.96 0.82 0.00	29.21 0.42 0.00	28.11 0.27 0.00	22.20 0.03 0.00	24.66 0.24 0.00	28.42 0.49 0.00	26.66 0.44 0.00	28.74 0.50 0.00	32.30 0.43 0.00	48.95 0.64 0.00	73.65 1.12 0.00	60.49 0.84 0.00	45.82 0.52 0.00	43.56 0.07 0.00	37.73 0.03 0.00	35.82 0.23 0.00
CHATEAUG_WT_PWR 323614	20.39 -0.47 0.00	17.44 -0.32 0.00	11.81 -0.17 0.00	15.83 -0.12 0.00	21.04 -0.09 0.00	23.50 0.10 0.00	34.97 0.27 0.00	45.63 0.67 0.00	40.80 0.66 0.00	29.15 0.37 0.00	28.10 0.26 0.00	22.22 0.05 0.00	24.65 0.22 0.00	28.38 0.46 0.00	26.63 0.41 0.00	28.67 0.43 0.00	32.22 0.36 0.00	48.81 0.51 0.00	73.33 0.79 0.00	60.25 0.59 0.00	45.65 0.35 0.00	43.49 0.00 0.00	37.69 -0.01 0.00	35.75 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	20.35 -0.51 0.00	17.41 -0.35 0.00	11.79 -0.19 0.00	15.81 -0.13 0.00	21.03 -0.10 0.00	23.50 0.10 0.00	35.02 0.32 0.00	45.78 0.81 0.00	40.96 0.82 0.00	29.21 0.42 0.00	28.11 0.27 0.00	22.20 0.03 0.00	24.66 0.24 0.00	28.42 0.49 0.00	26.66 0.44 0.00	28.74 0.50 0.00	32.30 0.43 0.00	48.95 0.64 0.00	73.65 1.12 0.00	60.49 0.84 0.00	45.82 0.52 0.00	43.56 0.07 0.00	37.73 0.03 0.00	35.82 0.23 0.00
CHAUTAUQUA__LFGE 323629	14.47 -1.88 4.50	16.15 -1.61 0.00	10.87 -1.11 0.00	14.55 -1.40 0.00	19.27 -1.81 0.05	21.53 -1.84 0.02	29.77 -2.59 2.34	34.13 -2.77 8.06	30.50 -2.66 6.97	26.73 -1.87 0.19	26.55 -1.28 0.00	21.17 -1.00 0.00	23.44 -0.98 0.00	26.95 -0.98 0.00	25.36 -0.85 0.00	27.41 -0.83 0.00	31.08 -0.80 0.00	37.80 -1.58 8.92	45.15 -2.68 24.71	15.81 -2.18 41.67	12.95 -1.79 30.56	8.05 -1.86 33.57	20.85 -2.04 14.81	-2.62 -1.38 36.83
CHERRYST_13_KV_LD 356241	21.97 1.12 0.00	18.62 0.86 0.00	12.53 0.55 0.00	16.68 0.74 0.00	22.10 0.97 0.00	24.44 1.05 0.00	36.30 1.60 0.00	46.95 1.98 0.00	41.95 1.81 0.00	30.33 1.55 0.00	29.35 1.51 0.00	23.47 1.30 0.00	25.74 1.31 0.00	29.33 1.41 0.00	27.58 1.37 0.00	29.77 1.53 0.00	33.62 1.75 0.00	50.79 2.49 0.00	75.85 3.32 0.00	62.42 2.76 0.00	47.41 2.11 0.00	45.66 2.17 0.00	39.51 1.81 0.00	37.02 1.43 0.00

CHESTROR_138KV_BK263 355645	21.52 0.66 0.00	18.26 0.50 0.00	12.30 0.32 0.00	16.37 0.42 0.00	21.68 0.54 0.00	23.95 0.56 0.00	35.57 0.87 0.00	46.05 1.08 0.00	41.05 0.92 0.00	29.52 0.73 0.00	28.52 0.68 0.00	22.77 0.61 0.00	24.97 0.55 0.00	28.50 0.57 0.00	26.79 0.57 0.00	28.91 0.67 0.00	32.67 0.80 0.00	49.51 1.21 0.00	74.25 1.71 0.00	61.15 1.49 0.00	46.41 1.12 0.00	44.71 1.22 0.00	38.68 0.98 0.00	36.29 0.71 0.00
CH_MIDHUDSON___DRP 24192	21.71 0.85 0.00	18.42 0.66 0.00	12.40 0.41 0.00	16.50 0.56 0.00	21.86 0.73 0.00	24.18 0.78 0.00	35.89 1.19 0.00	46.50 1.53 0.00	41.44 1.30 0.00	29.78 1.00 0.00	28.75 0.91 0.00	22.93 0.76 0.00	25.14 0.71 0.00	28.67 0.75 0.00	26.93 0.71 0.00	29.05 0.81 0.00	32.82 0.95 0.00	49.79 1.49 0.00	74.76 2.22 0.00	61.52 1.86 0.00	46.71 1.42 0.00	44.99 1.50 0.00	38.89 1.19 0.00	36.50 0.91 0.00
CH_MISC_IPPS 23765	21.79 0.94 0.00	18.48 0.72 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.81 0.00	24.27 0.87 0.00	36.05 1.35 0.00	46.72 1.75 0.00	41.62 1.49 0.00	29.90 1.11 0.00	28.85 1.01 0.00	23.02 0.85 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.04 0.83 0.00	29.20 0.96 0.00	33.01 1.14 0.00	50.11 1.80 0.00	75.22 2.69 0.00	61.95 2.29 0.00	47.03 1.73 0.00	45.26 1.77 0.00	39.11 1.41 0.00	36.68 1.10 0.00
CH_RES_BVR_FALLS 23983	20.73 -0.12 0.00	17.67 -0.09 0.00	11.93 -0.05 0.00	15.89 -0.05 0.00	21.07 -0.07 0.00	23.37 -0.03 0.00	34.66 -0.04 0.00	45.00 0.03 0.00	40.17 0.03 0.00	28.79 0.00 0.00	27.83 -0.01 0.00	22.13 -0.04 0.00	24.42 0.00 0.00	27.95 0.03 0.00	26.24 0.02 0.00	28.24 0.01 0.00	31.85 -0.02 0.00	48.26 -0.04 0.00	72.47 -0.07 0.00	59.59 -0.06 0.00	45.24 -0.06 0.00	43.38 -0.11 0.00	37.62 -0.08 0.00	35.56 -0.02 0.00
CH_RES_NIAGARA 23895	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.00	66.07 -6.38 0.08	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
CH_RES_SYRACUSE 23985	20.11 -0.19 0.56	17.60 -0.16 0.00	11.86 -0.11 0.00	15.78 -0.16 0.00	20.93 -0.20 0.00	23.17 -0.23 0.00	34.43 -0.27 0.00	44.68 -0.28 0.00	39.76 -0.38 0.00	28.47 -0.32 0.00	27.59 -0.25 0.00	21.99 -0.18 0.00	24.23 -0.19 0.00	27.71 -0.21 0.00	26.02 -0.20 0.00	28.03 -0.20 0.00	31.64 -0.23 0.00	47.98 -0.32 0.00	72.05 -0.48 0.00	59.33 -0.33 0.00	45.11 -0.18 0.00	43.25 -0.24 0.00	37.40 -0.30 0.00	35.29 -0.29 0.00
CLINTON_WT_PWR 323605	20.39 -0.47 0.00	17.44 -0.32 0.00	11.81 -0.17 0.00	15.83 -0.12 0.00	21.04 -0.09 0.00	23.50 0.10 0.00	34.97 0.27 0.00	45.63 0.67 0.00	40.80 0.66 0.00	29.15 0.37 0.00	28.10 0.26 0.00	22.22 0.05 0.00	24.65 0.22 0.00	28.38 0.46 0.00	26.63 0.41 0.00	28.67 0.43 0.00	32.22 0.36 0.00	48.81 0.51 0.00	73.33 0.79 0.00	60.25 0.59 0.00	45.65 0.35 0.00	43.49 0.00 0.00	37.69 -0.01 0.00	35.75 0.17 0.00
CLINTON___LFGE 323618	20.63 -0.23 0.00	17.65 -0.11 0.00	11.94 -0.03 0.00	16.00 0.06 0.00	21.29 0.16 0.00	23.81 0.41 0.00	35.51 0.81 0.00	46.38 1.41 0.00	41.43 1.30 0.00	29.44 0.66 0.00	28.32 0.48 0.00	22.37 0.20 0.00	24.81 0.39 0.00	28.66 0.73 0.00	26.92 0.71 0.00	29.05 0.81 0.00	32.67 0.80 0.00	49.50 1.19 0.00	74.51 1.97 0.00	61.22 1.56 0.00	46.38 1.08 0.00	44.13 0.64 0.00	38.21 0.51 0.00	36.19 0.61 0.00
COBBLENY_34_KV_TB1 80064	16.61 -1.65 2.59	16.35 -1.41 0.00	10.97 -1.01 0.00	14.61 -1.33 0.00	19.30 -1.78 0.06	21.57 -1.80 0.02	30.50 -2.61 1.60	35.95 -2.74 6.27	33.00 -2.47 4.66	26.79 -1.80 0.19	26.42 -1.42 0.00	21.06 -1.11 0.00	23.28 -1.14 0.00	26.70 -1.22 0.00	25.08 -1.14 0.00	27.11 -1.13 0.00	30.68 -1.19 0.00	46.40 -1.90 0.01	69.44 -2.77 0.33	56.93 -2.09 0.64	43.48 -1.81 0.01	41.45 -2.04 0.00	35.53 -2.17 0.00	34.22 -1.36 0.00
COFFEEN___115KV_TB3 355620	19.60 -1.26 0.00	16.65 -1.11 0.00	11.24 -0.74 0.00	14.98 -0.96 0.00	19.94 -1.20 0.00	22.38 -1.01 0.00	33.74 -0.96 0.00	43.93 -1.04 0.00	38.56 -1.58 0.00	27.36 -1.42 0.00	26.77 -1.07 0.00	21.34 -0.83 0.00	23.87 -0.55 0.00	27.71 -0.21 0.00	25.84 -0.37 0.00	27.87 -0.37 0.00	30.99 -0.88 0.00	47.42 -0.88 0.00	73.52 0.99 0.00	61.24 1.58 0.00	45.77 0.47 0.00	43.85 0.37 0.00	38.23 0.52 0.00	35.56 -0.03 0.00
COLDSPRG_115KV_BK1 355956	20.33 -1.21 -0.68	16.71 -1.05 0.00	11.26 -0.72 0.00	15.05 -0.89 0.00	19.93 -1.15 0.05	22.24 -1.15 0.02	31.71 -1.51 1.49	37.67 -1.22 6.08	34.35 -1.30 4.48	27.67 -0.93 0.19	27.45 -0.39 0.00	21.93 -0.24 0.00	24.21 -0.21 0.00	27.82 -0.11 0.00	26.20 -0.01 0.00	28.28 0.04 0.00	32.03 0.16 0.00	48.31 0.02 0.01	72.08 -0.14 0.31	59.00 -0.04 0.61	44.96 -0.33 0.01	42.85 -0.63 0.00	36.77 -0.93 0.00	35.27 -0.32 0.00
COLONIE_LFGE___ 323577	21.32 0.46 0.00	18.16 0.40 0.00	12.24 0.26 0.00	16.25 0.30 0.00	21.54 0.41 0.00	23.82 0.43 0.00	35.34 0.64 0.00	45.82 0.85 0.00	40.74 0.60 0.00	29.12 0.34 0.00	28.07 0.23 0.00	22.29 0.12 0.00	24.53 0.10 0.00	27.98 0.06 0.00	26.28 0.06 0.00	28.29 0.06 0.00	32.10 0.23 0.00	48.70 0.40 0.00	73.46 0.93 0.00	60.21 0.55 0.00	45.78 0.48 0.00	44.21 0.72 0.00	38.20 0.51 0.00	35.98 0.40 0.00
COOPERNY_115KV_TB1 80082	21.34 0.49 0.00	18.13 0.37 0.00	12.22 0.24 0.00	16.26 0.32 0.00	21.55 0.42 0.00	23.81 0.41 0.00	35.32 0.62 0.00	45.70 0.73 0.00	40.75 0.61 0.00	29.31 0.52 0.00	28.32 0.48 0.00	22.62 0.44 0.00	24.82 0.39 0.00	28.33 0.40 0.00	26.63 0.41 0.00	28.71 0.47 0.00	32.43 0.56 0.00	49.18 0.87 0.00	73.71 1.17 0.00	60.67 1.01 0.00	46.05 0.75 0.00	44.35 0.86 0.00	38.38 0.68 0.00	36.07 0.48 0.00
COPENHAGEN_WT_PWR 323753	19.31 -1.54 0.00	16.41 -1.35 0.00	11.08 -0.90 0.00	14.76 -1.18 0.00	19.64 -1.49 0.00	22.05 -1.35 0.00	33.24 -1.46 0.00	43.23 -1.73 0.00	37.93 -2.21 0.00	27.12 -1.66 0.00	26.62 -1.22 0.00	21.21 -0.96 0.00	23.69 -0.73 0.00	27.45 -0.47 0.00	25.58 -0.63 0.00	27.70 -0.54 0.00	30.85 -1.02 0.00	47.21 -1.10 0.00	73.02 0.48 0.00	60.78 1.12 0.00	45.31 0.02 0.00	43.42 -0.07 0.00	37.99 0.29 0.00	35.28 -0.30 0.00
CORNELL____ 23752	18.78 0.02 2.10	17.75 0.00 0.00	11.96 -0.01 0.00	15.92 -0.02 0.00	21.13 0.00 0.01	23.42 0.02 0.00	34.72 0.19 0.18	45.32 0.35 0.00	40.24 0.10 0.00	28.65 -0.13 0.00	27.71 -0.19 0.00	21.98 -0.09 0.00	24.33 -0.10 0.00	27.83 -0.07 0.00	26.15 -0.07 0.00	28.27 0.03 0.00	31.85 -0.02 0.00	48.53 0.23 0.00	73.23 0.69 0.00	60.42 0.77 0.00	45.94 0.64 0.00	43.95 0.46 0.00	37.97 0.27 0.00	35.84 0.26 0.00

CORONA_69_KV_TB1 355595	21.89 1.04 0.00	18.55 0.79 0.00	12.47 0.49 0.00	16.60 0.65 0.00	22.02 0.89 0.00	24.38 0.98 0.00	36.00 1.30 0.00	46.51 1.54 0.00	41.54 1.40 0.00	30.10 1.32 0.00	29.16 1.32 0.00	23.25 1.08 0.00	25.47 1.04 0.00	29.04 1.12 0.00	27.33 1.11 0.00	29.48 1.24 0.00	33.36 1.49 0.00	50.39 2.08 0.00	75.34 2.81 0.00	61.92 2.26 0.00	47.16 1.87 0.00	45.61 2.12 0.00	39.49 1.79 0.00	37.00 1.41 0.00
CORTLAND_115KV_TB3 80093	20.79 -0.07 0.00	17.69 -0.07 0.00	11.93 -0.05 0.00	15.87 -0.07 0.00	21.06 -0.07 0.00	23.33 -0.06 0.00	34.72 0.02 0.00	45.03 0.06 0.00	40.04 -0.09 0.00	28.61 -0.17 0.00	27.76 -0.08 0.00	22.08 -0.09 0.00	24.33 -0.09 0.00	27.84 -0.08 0.00	26.14 -0.08 0.00	28.17 -0.07 0.00	31.78 -0.09 0.00	48.29 -0.01 0.00	72.74 0.21 0.00	59.95 0.29 0.00	45.55 0.26 0.00	43.62 0.14 0.00	37.73 0.03 0.00	35.60 0.02 0.00
COXSACKIE__GT 23611	22.12 1.26 0.00	18.80 1.05 0.00	12.67 0.69 0.00	16.86 0.92 0.00	22.36 1.23 0.00	24.78 1.39 0.00	36.93 2.22 0.00	48.10 3.14 0.00	42.54 2.40 0.00	29.95 1.16 0.00	28.61 0.77 0.00	22.70 0.53 0.00	24.95 0.53 0.00	28.48 0.55 0.00	26.78 0.56 0.00	29.00 0.76 0.00	33.16 1.29 0.00	50.92 2.62 0.00	76.57 4.04 0.00	63.05 3.39 0.00	47.87 2.57 0.00	46.08 2.59 0.00	39.73 2.04 0.00	37.34 1.75 0.00
CPV_VALLEY__CC1 323721	21.38 0.53 0.00	18.15 0.39 0.00	12.23 0.26 0.00	16.28 0.34 0.00	21.56 0.43 0.00	23.81 0.41 0.00	35.31 0.61 0.00	45.70 0.73 0.00	40.76 0.62 0.00	29.34 0.55 0.00	28.36 0.52 0.00	22.66 0.49 0.00	24.84 0.42 0.00	28.36 0.43 0.00	26.65 0.44 0.00	28.76 0.52 0.00	32.48 0.61 0.00	49.18 0.88 0.00	73.73 1.19 0.00	60.71 1.05 0.00	46.08 0.78 0.00	44.37 0.88 0.00	38.39 0.69 0.00	36.05 0.47 0.00
CPV_VALLEY__CC2 323722	21.38 0.53 0.00	18.15 0.39 0.00	12.23 0.26 0.00	16.28 0.34 0.00	21.56 0.43 0.00	23.81 0.41 0.00	35.31 0.61 0.00	45.70 0.73 0.00	40.76 0.62 0.00	29.34 0.55 0.00	28.36 0.52 0.00	22.66 0.49 0.00	24.84 0.42 0.00	28.36 0.43 0.00	26.65 0.44 0.00	28.76 0.52 0.00	32.48 0.61 0.00	49.18 0.88 0.00	73.73 1.19 0.00	60.71 1.05 0.00	46.08 0.78 0.00	44.37 0.88 0.00	38.39 0.69 0.00	36.05 0.47 0.00
CRESCENT__HYD 24018	21.32 0.46 0.00	18.16 0.40 0.00	12.24 0.26 0.00	16.25 0.30 0.00	21.54 0.41 0.00	23.82 0.43 0.00	35.34 0.64 0.00	45.82 0.85 0.00	40.74 0.60 0.00	29.12 0.34 0.00	28.07 0.23 0.00	22.29 0.12 0.00	24.53 0.10 0.00	27.98 0.06 0.00	26.28 0.06 0.00	28.29 0.06 0.00	32.10 0.23 0.00	48.70 0.40 0.00	73.46 0.93 0.00	60.21 0.55 0.00	45.78 0.48 0.00	44.21 0.72 0.00	38.20 0.51 0.00	35.98 0.40 0.00
CRICKET__VALLEY_CC1 323756	21.54 0.69 0.00	18.28 0.52 0.00	12.29 0.31 0.00	16.37 0.43 0.00	21.70 0.56 0.00	23.99 0.60 0.00	35.55 0.85 0.00	46.10 1.13 0.00	41.10 0.96 0.00	29.52 0.74 0.00	28.50 0.66 0.00	22.71 0.55 0.00	24.89 0.47 0.00	28.39 0.46 0.00	26.64 0.42 0.00	28.70 0.46 0.00	32.37 0.50 0.00	49.09 0.79 0.00	73.81 1.27 0.00	60.75 1.09 0.00	46.13 0.83 0.00	44.43 0.94 0.00	38.40 0.70 0.00	35.97 0.39 0.00
CRICKET__VALLEY_CC2 323757	21.54 0.69 0.00	18.28 0.52 0.00	12.29 0.31 0.00	16.37 0.43 0.00	21.70 0.56 0.00	23.99 0.60 0.00	35.55 0.85 0.00	46.10 1.13 0.00	41.10 0.96 0.00	29.52 0.74 0.00	28.50 0.66 0.00	22.71 0.55 0.00	24.89 0.47 0.00	28.39 0.46 0.00	26.64 0.42 0.00	28.70 0.46 0.00	32.37 0.50 0.00	49.09 0.79 0.00	73.81 1.27 0.00	60.75 1.09 0.00	46.13 0.83 0.00	44.43 0.94 0.00	38.40 0.70 0.00	35.97 0.39 0.00
CRICKET__VALLEY_CC3 323758	21.54 0.69 0.00	18.28 0.52 0.00	12.29 0.31 0.00	16.37 0.43 0.00	21.70 0.56 0.00	23.99 0.60 0.00	35.55 0.85 0.00	46.10 1.13 0.00	41.10 0.96 0.00	29.52 0.74 0.00	28.50 0.66 0.00	22.71 0.55 0.00	24.89 0.47 0.00	28.39 0.46 0.00	26.64 0.42 0.00	28.70 0.46 0.00	32.37 0.50 0.00	49.09 0.79 0.00	73.81 1.27 0.00	60.75 1.09 0.00	46.13 0.83 0.00	44.43 0.94 0.00	38.40 0.70 0.00	35.97 0.39 0.00
CRUCIBLE_METL_DRP 24180	20.11 -0.18 0.56	17.60 -0.16 0.00	11.86 -0.11 0.00	15.78 -0.16 0.00	20.93 -0.21 0.00	23.17 -0.23 0.00	34.43 -0.27 0.00	44.68 -0.29 0.00	39.76 -0.38 0.00	28.46 -0.32 0.00	27.59 -0.25 0.00	21.99 -0.18 0.00	24.23 -0.19 0.00	27.71 -0.21 0.00	26.02 -0.20 0.00	28.04 -0.20 0.00	31.64 -0.23 0.00	47.98 -0.32 0.00	72.07 -0.46 0.00	59.35 -0.31 0.00	45.13 -0.17 0.00	43.25 -0.24 0.00	37.40 -0.29 0.00	35.29 -0.29 0.00
DAHOWA__HYDRO 323763	21.48 0.63 0.00	18.30 0.53 0.00	12.31 0.33 0.00	16.37 0.43 0.00	21.72 0.59 0.00	24.08 0.68 0.00	35.83 1.13 0.00	46.51 1.54 0.00	41.18 1.04 0.00	29.17 0.38 0.00	27.95 0.11 0.00	22.15 -0.02 0.00	24.38 -0.04 0.00	27.81 -0.11 0.00	26.17 -0.05 0.00	28.35 0.12 0.00	32.36 0.49 0.00	49.33 1.02 0.00	74.60 2.07 0.00	61.14 1.48 0.00	46.41 1.11 0.00	44.75 1.26 0.00	38.57 0.87 0.00	36.26 0.67 0.00
DANC__LFGE 323619	19.58 -1.27 0.00	16.65 -1.11 0.00	11.23 -0.75 0.00	14.97 -0.98 0.00	19.89 -1.24 0.00	22.24 -1.15 0.00	33.41 -1.29 0.00	43.43 -1.54 0.00	38.27 -1.87 0.00	27.33 -1.46 0.00	26.72 -1.12 0.00	21.30 -0.87 0.00	23.71 -0.71 0.00	27.37 -0.55 0.00	25.54 -0.67 0.00	27.60 -0.63 0.00	30.81 -1.06 0.00	47.06 -1.24 0.00	72.37 -0.16 0.00	60.11 0.45 0.00	45.06 -0.24 0.00	43.18 -0.30 0.00	37.62 -0.08 0.00	35.09 -0.49 0.00
DANSKAMMER__1 23586	21.79 0.94 0.00	18.48 0.72 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.81 0.00	24.27 0.87 0.00	36.05 1.35 0.00	46.72 1.75 0.00	41.62 1.49 0.00	29.90 1.11 0.00	28.85 1.01 0.00	23.02 0.85 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.04 0.83 0.00	29.20 0.96 0.00	33.01 1.14 0.00	50.11 1.80 0.00	75.22 2.69 0.00	61.95 2.29 0.00	47.03 1.73 0.00	45.26 1.77 0.00	39.11 1.41 0.00	36.68 1.10 0.00
DANSKAMMER__2 23589	21.79 0.94 0.00	18.48 0.72 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.81 0.00	24.27 0.87 0.00	36.05 1.35 0.00	46.72 1.75 0.00	41.62 1.49 0.00	29.90 1.11 0.00	28.85 1.01 0.00	23.02 0.85 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.04 0.83 0.00	29.20 0.96 0.00	33.01 1.14 0.00	50.11 1.80 0.00	75.22 2.69 0.00	61.95 2.29 0.00	47.03 1.73 0.00	45.26 1.77 0.00	39.11 1.41 0.00	36.68 1.10 0.00
DANSKAMMER__3 23590	21.79 0.94 0.00	18.48 0.72 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.81 0.00	24.27 0.87 0.00	36.05 1.35 0.00	46.72 1.75 0.00	41.62 1.49 0.00	29.90 1.11 0.00	28.85 1.01 0.00	23.02 0.85 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.04 0.83 0.00	29.20 0.96 0.00	33.01 1.14 0.00	50.11 1.80 0.00	75.22 2.69 0.00	61.95 2.29 0.00	47.03 1.73 0.00	45.26 1.77 0.00	39.11 1.41 0.00	36.68 1.10 0.00

DANSKAMMER___4 23591	21.79 0.94 0.00	18.48 0.72 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.81 0.00	24.27 0.87 0.00	36.05 1.35 0.00	46.72 1.75 0.00	41.62 1.49 0.00	29.90 1.11 0.00	28.85 1.01 0.00	23.02 0.85 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.04 0.83 0.00	29.20 0.96 0.00	33.01 1.14 0.00	50.11 1.80 0.00	75.22 2.69 0.00	61.95 2.29 0.00	47.03 1.73 0.00	45.26 1.77 0.00	39.11 1.41 0.00	36.68 1.10 0.00
DANSKAMMER___DIESEL 23592	21.79 0.94 0.00	18.48 0.72 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.81 0.00	24.27 0.87 0.00	36.06 1.36 0.00	46.72 1.75 0.00	41.63 1.49 0.00	29.90 1.11 0.00	28.85 1.01 0.00	23.01 0.85 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.04 0.83 0.00	29.20 0.96 0.00	33.01 1.14 0.00	50.11 1.81 0.00	75.21 2.68 0.00	61.93 2.27 0.00	47.01 1.71 0.00	45.25 1.77 0.00	39.11 1.41 0.00	36.68 1.10 0.00
DARBY___SOLAR 323810	21.45 0.59 0.00	18.27 0.51 0.00	12.30 0.31 0.00	16.35 0.40 0.00	21.69 0.55 0.00	24.03 0.63 0.00	35.73 1.03 0.00	46.36 1.39 0.00	41.07 0.93 0.00	29.14 0.35 0.00	27.96 0.12 0.00	22.15 -0.02 0.00	24.38 -0.04 0.00	27.81 -0.11 0.00	26.17 -0.05 0.00	28.34 0.11 0.00	32.33 0.47 0.00	49.23 0.92 0.00	74.40 1.86 0.00	60.98 1.32 0.00	46.30 1.00 0.00	44.64 1.15 0.00	38.51 0.81 0.00	36.22 0.63 0.00
DASHVILLE___HYD 23610	21.56 0.70 0.00	18.29 0.53 0.00	12.31 0.33 0.00	16.39 0.45 0.00	21.72 0.58 0.00	24.01 0.61 0.00	35.65 0.95 0.00	46.19 1.23 0.00	41.19 1.05 0.00	29.62 0.83 0.00	28.59 0.75 0.00	22.81 0.64 0.00	25.01 0.58 0.00	28.52 0.59 0.00	26.77 0.56 0.00	28.87 0.63 0.00	32.60 0.73 0.00	49.47 1.17 0.00	74.30 1.77 0.00	61.19 1.53 0.00	46.46 1.16 0.00	44.74 1.26 0.00	38.69 0.99 0.00	36.31 0.72 0.00
DELAWARE___LFGE 323621	22.29 0.27 -1.16	17.96 0.20 0.00	12.12 0.14 0.00	16.14 0.19 0.00	21.41 0.27 0.00	23.66 0.27 0.00	35.12 0.42 0.00	45.43 0.46 0.00	40.53 0.39 0.00	29.09 0.30 0.00	28.17 0.33 0.00	22.44 0.27 0.00	24.70 0.27 0.00	28.24 0.32 0.00	26.51 0.30 0.00	28.58 0.34 0.00	32.27 0.40 0.00	49.06 0.76 0.00	73.43 0.90 0.00	60.41 0.76 0.00	45.82 0.52 0.00	44.02 0.53 0.00	38.13 0.43 0.00	35.96 0.38 0.00
DERFIELD_115KV_TB7 355931	20.84 -0.02 0.00	17.74 -0.02 0.00	11.97 -0.01 0.00	15.93 -0.02 0.00	21.11 -0.02 0.00	23.36 -0.03 0.00	34.67 -0.03 0.00	44.91 -0.07 0.00	40.05 -0.08 0.00	28.73 -0.06 0.00	27.78 -0.06 0.00	22.13 -0.04 0.00	24.37 -0.06 0.00	27.84 -0.08 0.00	26.14 -0.08 0.00	28.15 -0.09 0.00	31.80 -0.06 0.00	48.23 -0.08 0.00	72.46 -0.07 0.00	59.60 -0.06 0.00	45.25 -0.05 0.00	43.47 -0.01 0.00	37.70 0.00 0.00	35.56 -0.03 0.00
DOGLEVILLE___HYD 23807	21.04 0.18 0.00	17.91 0.15 0.00	12.07 0.09 0.00	16.05 0.10 0.00	21.31 0.18 0.00	23.56 0.16 0.00	35.17 0.47 0.00	45.57 0.60 0.00	40.00 -0.13 0.00	28.04 -0.74 0.00	26.83 -1.01 0.00	21.31 -0.86 0.00	23.50 -0.92 0.00	26.72 -1.20 0.00	25.31 -0.91 0.00	27.63 -0.60 0.00	31.51 -0.36 0.00	47.90 -0.40 0.00	72.87 0.33 0.00	59.94 0.28 0.00	45.49 0.19 0.00	43.81 0.32 0.00	37.78 0.08 0.00	35.46 -0.13 0.00
DUNKIRK___115KV_TB_200 55889	14.92 -1.85 4.08	16.18 -1.59 0.00	10.89 -1.10 0.00	14.56 -1.38 0.00	19.28 -1.80 0.05	21.54 -1.83 0.02	30.55 -2.59 1.56	35.93 -2.79 6.24	32.87 -2.66 4.62	26.72 -1.88 0.19	26.52 -1.32 0.00	21.14 -1.03 0.00	23.40 -1.02 0.00	26.89 -1.03 0.00	25.30 -0.91 0.00	27.34 -0.90 0.00	31.00 -0.87 0.00	46.61 -1.69 0.01	69.50 -2.71 0.32	56.94 -2.09 0.63	43.54 -1.75 0.01	41.56 -1.92 0.00	35.65 -2.04 0.00	34.17 -1.41 0.00
DUNKIRK___1 23563	14.92 -1.85 4.08	16.18 -1.59 0.00	10.89 -1.10 0.00	14.56 -1.38 0.00	19.28 -1.80 0.05	21.54 -1.83 0.02	30.55 -2.59 1.56	35.93 -2.79 6.24	32.87 -2.66 4.62	26.72 -1.88 0.19	26.52 -1.32 0.00	21.14 -1.03 0.00	23.40 -1.02 0.00	26.89 -1.03 0.00	25.30 -0.91 0.00	27.34 -0.90 0.00	31.00 -0.87 0.00	46.61 -1.69 0.01	69.50 -2.71 0.32	56.94 -2.09 0.63	43.54 -1.75 0.01	41.56 -1.92 0.00	35.65 -2.04 0.00	34.17 -1.41 0.00
DUNKIRK___2 23564	14.92 -1.85 4.08	16.18 -1.59 0.00	10.89 -1.10 0.00	14.56 -1.38 0.00	19.28 -1.80 0.05	21.54 -1.83 0.02	30.55 -2.59 1.56	35.93 -2.79 6.24	32.87 -2.66 4.62	26.72 -1.88 0.19	26.52 -1.32 0.00	21.14 -1.03 0.00	23.40 -1.02 0.00	26.89 -1.03 0.00	25.30 -0.91 0.00	27.34 -0.90 0.00	31.00 -0.87 0.00	46.61 -1.69 0.01	69.50 -2.71 0.32	56.94 -2.09 0.63	43.54 -1.75 0.01	41.56 -1.92 0.00	35.65 -2.04 0.00	34.17 -1.41 0.00
DUNKIRK___3 23565	15.50 -1.80 3.55	16.23 -1.53 0.00	10.91 -1.07 0.00	14.57 -1.37 0.00	19.27 -1.81 0.05	21.52 -1.86 0.02	30.50 -2.65 1.55	35.86 -2.86 6.25	32.85 -2.68 4.61	26.68 -1.92 0.19	26.44 -1.41 0.00	21.09 -1.08 0.00	23.33 -1.10 0.00	26.77 -1.15 0.00	25.18 -1.04 0.00	27.21 -1.03 0.00	30.83 -1.04 0.00	46.41 -1.89 0.01	69.27 -2.95 0.32	56.76 -2.26 0.63	43.40 -1.89 0.01	41.42 -2.07 0.00	35.55 -2.15 0.00	34.12 -1.47 0.00
DUNKIRK___4 23566	15.50 -1.80 3.55	16.23 -1.53 0.00	10.91 -1.07 0.00	14.57 -1.37 0.00	19.27 -1.81 0.05	21.52 -1.86 0.02	30.50 -2.65 1.55	35.86 -2.86 6.25	32.85 -2.68 4.61	26.68 -1.92 0.19	26.44 -1.41 0.00	21.09 -1.08 0.00	23.33 -1.10 0.00	26.77 -1.15 0.00	25.18 -1.04 0.00	27.21 -1.03 0.00	30.83 -1.04 0.00	46.41 -1.89 0.01	69.27 -2.95 0.32	56.76 -2.26 0.63	43.40 -1.89 0.01	41.42 -2.07 0.00	35.55 -2.15 0.00	34.12 -1.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.81 0.95 0.00	18.48 0.72 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.94 0.81 0.00	24.26 0.86 0.00	36.01 1.31 0.00	46.60 1.64 0.00	41.62 1.48 0.00	30.04 1.26 0.00	29.05 1.21 0.00	23.21 1.04 0.00	25.45 1.03 0.00	29.02 1.10 0.00	27.28 1.06 0.00	29.44 1.20 0.00	33.26 1.39 0.00	50.30 2.00 0.00	75.23 2.70 0.00	61.93 2.27 0.00	47.03 1.73 0.00	45.32 1.84 0.00	39.22 1.53 0.00	36.76 1.18 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.64 0.79 0.00	18.36 0.60 0.00	12.36 0.38 0.00	16.46 0.51 0.00	21.79 0.66 0.00	24.10 0.70 0.00	35.79 1.09 0.00	46.35 1.38 0.00	41.31 1.18 0.00	29.69 0.91 0.00	28.67 0.83 0.00	22.88 0.71 0.00	25.09 0.66 0.00	28.62 0.70 0.00	26.90 0.68 0.00	29.04 0.80 0.00	32.82 0.95 0.00	49.79 1.48 0.00	74.71 2.17 0.00	61.52 1.87 0.00	46.69 1.40 0.00	44.97 1.49 0.00	38.88 1.18 0.00	36.47 0.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.01 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.15 1.02 0.00	24.49 1.10 0.00	36.24 1.54 0.00	46.79 1.82 0.00	41.89 1.75 0.00	30.27 1.48 0.00	29.28 1.45 0.00	23.42 1.25 0.00	25.65 1.23 0.00	29.25 1.32 0.00	27.50 1.29 0.00	29.69 1.46 0.00	33.49 1.62 0.00	50.59 2.28 0.00	75.62 3.08 0.00	62.32 2.66 0.00	47.32 2.02 0.00	45.63 2.14 0.00	39.48 1.78 0.00	36.99 1.41 0.00

E179THST_13_KV_LOAD 356214	22.10 1.24 0.00	18.72 0.96 0.00	12.60 0.62 0.00	16.77 0.83 0.00	22.22 1.09 0.00	24.58 1.18 0.00	36.39 1.69 0.00	46.98 2.02 0.00	42.05 1.92 0.00	30.39 1.60 0.00	29.40 1.56 0.00	23.51 1.35 0.00	25.76 1.34 0.00	29.38 1.45 0.00	27.62 1.41 0.00	29.83 1.59 0.00	33.64 1.77 0.00	50.83 2.53 0.00	75.98 3.45 0.00	62.63 2.97 0.00	47.54 2.25 0.00	45.84 2.35 0.00	39.65 1.95 0.00	37.14 1.55 0.00
EAST HAMPTON___GT 23717	21.36 0.51 0.00	18.07 0.31 0.00	12.07 0.09 0.00	16.10 0.16 0.00	21.81 0.68 0.00	24.43 1.04 0.00	35.88 1.18 0.00	46.63 1.67 0.00	41.70 1.57 0.00	30.15 1.36 0.00	28.96 1.12 0.00	22.80 0.64 0.00	24.83 0.41 0.00	28.23 0.31 0.00	26.52 0.30 0.00	28.38 0.14 0.00	32.00 0.13 0.00	48.59 0.29 0.00	73.14 0.60 0.00	59.66 0.00 0.00	45.27 -0.02 0.00	44.36 0.87 0.00	38.50 0.80 0.00	36.12 0.53 0.00
EAST RIVER___6 23660	21.90 1.04 0.00	18.54 0.79 0.00	12.48 0.50 0.00	16.61 0.67 0.00	22.02 0.89 0.00	24.35 0.96 0.00	36.16 1.46 0.00	46.78 1.81 0.00	41.82 1.68 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.39 1.23 0.00	25.66 1.23 0.00	29.25 1.32 0.00	27.51 1.29 0.00	29.69 1.45 0.00	33.56 1.69 0.00	50.69 2.39 0.00	75.66 3.12 0.00	62.30 2.64 0.00	47.31 2.01 0.00	45.54 2.05 0.00	39.42 1.72 0.00	36.90 1.32 0.00
EAST RIVER___7 23524	21.90 1.04 0.00	18.54 0.79 0.00	12.48 0.50 0.00	16.61 0.67 0.00	22.02 0.89 0.00	24.35 0.96 0.00	36.16 1.46 0.00	46.78 1.81 0.00	41.82 1.68 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.39 1.23 0.00	25.66 1.23 0.00	29.25 1.32 0.00	27.51 1.29 0.00	29.69 1.45 0.00	33.56 1.69 0.00	50.69 2.39 0.00	75.66 3.12 0.00	62.30 2.64 0.00	47.31 2.01 0.00	45.54 2.05 0.00	39.42 1.72 0.00	36.90 1.32 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.76 0.91 0.00	18.45 0.69 0.00	12.42 0.44 0.00	16.53 0.59 0.00	21.90 0.77 0.00	24.21 0.81 0.00	35.95 1.25 0.00	46.51 1.54 0.00	41.51 1.37 0.00	29.94 1.16 0.00	28.96 1.12 0.00	23.14 0.97 0.00	25.37 0.94 0.00	28.93 1.01 0.00	27.19 0.98 0.00	29.35 1.11 0.00	33.15 1.28 0.00	50.16 1.86 0.00	75.05 2.52 0.00	61.78 2.12 0.00	46.92 1.62 0.00	45.21 1.72 0.00	39.12 1.42 0.00	36.67 1.09 0.00
EAST_HAMPTON___DIESEL 23722	21.30 0.44 0.00	18.02 0.26 0.00	12.03 0.05 0.00	16.05 0.10 0.00	21.77 0.64 0.00	24.40 1.00 0.00	35.83 1.13 0.00	46.58 1.61 0.00	41.67 1.53 0.00	30.11 1.33 0.00	28.93 1.08 0.00	22.77 0.60 0.00	24.78 0.36 0.00	28.18 0.25 0.00	26.47 0.25 0.00	28.30 0.06 0.00	31.89 0.02 0.00	48.41 0.11 0.00	72.89 0.36 0.00	59.45 -0.21 0.00	45.11 -0.18 0.00	44.20 0.70 0.00	38.37 0.67 0.00	35.98 0.40 0.00
EAST_POINT___SOLAR 323840	21.59 0.73 0.00	18.34 0.58 0.00	12.38 0.39 0.00	16.51 0.56 0.00	21.92 0.79 0.00	24.36 0.96 0.00	36.35 1.65 0.00	47.22 2.26 0.00	41.09 0.96 0.00	28.37 -0.42 0.00	27.19 -0.65 0.00	21.73 -0.44 0.00	23.97 -0.45 0.00	27.45 -0.47 0.00	26.21 0.00 0.00	29.05 0.81 0.00	32.90 1.03 0.00	49.85 1.54 0.00	76.16 3.63 0.00	63.02 3.37 0.00	47.81 2.51 0.00	45.73 2.24 0.00	39.49 1.79 0.00	37.23 1.64 0.00
EAST_PULASKI___ESR 323781	19.97 -0.88 0.00	16.99 -0.77 0.00	11.46 -0.52 0.00	15.26 -0.69 0.00	20.25 -0.88 0.00	22.55 -0.85 0.00	33.70 -1.01 0.00	43.78 -1.19 0.00	38.76 -1.37 0.00	27.68 -1.10 0.00	26.96 -0.88 0.00	21.50 -0.67 0.00	23.83 -0.60 0.00	27.36 -0.56 0.00	25.58 -0.63 0.00	27.61 -0.63 0.00	30.89 -0.98 0.00	47.08 -1.22 0.00	71.82 -0.71 0.00	59.45 -0.21 0.00	44.86 -0.44 0.00	43.01 -0.48 0.00	37.31 -0.39 0.00	34.98 -0.60 0.00
EAST_RIVER___1 323558	21.93 1.08 0.00	18.58 0.82 0.00	12.51 0.53 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.39 0.99 0.00	36.20 1.50 0.00	46.82 1.85 0.00	41.83 1.70 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.24 1.32 0.00	27.49 1.27 0.00	29.68 1.44 0.00	33.51 1.64 0.00	50.65 2.34 0.00	75.64 3.10 0.00	62.29 2.64 0.00	47.31 2.01 0.00	45.54 2.06 0.00	39.43 1.73 0.00	36.93 1.34 0.00
EAST_RIVER___2 323559	21.90 1.04 0.00	18.54 0.79 0.00	12.48 0.50 0.00	16.61 0.67 0.00	22.02 0.89 0.00	24.35 0.96 0.00	36.16 1.46 0.00	46.78 1.81 0.00	41.82 1.68 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.39 1.23 0.00	25.66 1.23 0.00	29.25 1.32 0.00	27.51 1.29 0.00	29.69 1.45 0.00	33.56 1.69 0.00	50.69 2.39 0.00	75.66 3.12 0.00	62.30 2.64 0.00	47.31 2.01 0.00	45.54 2.05 0.00	39.42 1.72 0.00	36.90 1.32 0.00
EAST___DELAWARE_HYD 23607	21.44 0.59 0.00	18.19 0.44 0.00	12.26 0.28 0.00	16.33 0.38 0.00	21.65 0.51 0.00	23.94 0.54 0.00	35.59 0.89 0.00	46.12 1.16 0.00	41.05 0.92 0.00	29.44 0.65 0.00	28.34 0.50 0.00	22.57 0.40 0.00	24.72 0.30 0.00	27.97 0.04 0.00	26.27 0.05 0.00	28.41 0.17 0.00	32.10 0.23 0.00	48.88 0.58 0.00	73.48 0.94 0.00	60.62 0.96 0.00	45.98 0.69 0.00	44.23 0.74 0.00	38.22 0.52 0.00	35.82 0.23 0.00
EIGHT_POINT___WT_PWR 323820	12.18 -2.69 5.98	15.51 -2.26 0.00	10.55 -1.43 0.00	14.13 -1.82 0.00	18.75 -2.37 0.02	20.93 -2.46 0.00	31.00 -3.32 0.39	39.87 -3.88 1.22	35.36 -3.84 0.94	25.86 -2.87 0.06	25.37 -2.48 0.00	20.32 -1.85 0.00	22.44 -1.99 0.00	26.04 -1.89 0.00	24.73 -1.48 0.00	27.03 -1.20 0.00	30.85 -1.02 0.00	48.29 -1.66 -1.65	74.68 -2.27 -4.41	65.44 -1.62 -7.40	49.50 -1.44 -5.65	47.51 -2.18 -6.21	38.39 -2.05 -2.74	41.63 -1.30 -7.35
ELBRIDGE_115KV_TB2 80188	19.90 -0.29 0.66	17.51 -0.25 0.00	11.79 -0.19 0.00	15.69 -0.25 0.00	20.81 -0.32 0.00	23.03 -0.36 0.00	34.21 -0.49 0.00	44.42 -0.55 0.00	39.50 -0.64 0.00	28.27 -0.51 0.00	27.40 -0.44 0.00	21.83 -0.34 0.00	24.07 -0.36 0.00	27.51 -0.42 0.00	25.86 -0.36 0.00	27.88 -0.36 0.00	31.48 -0.39 0.00	47.73 -0.57 0.00	71.62 -0.92 0.00	58.99 -0.67 0.00	44.87 -0.43 0.00	43.00 -0.49 0.00	37.20 -0.50 0.00	35.09 -0.50 0.00
ELEC_TRO_TEK 24086	21.78 0.93 0.00	18.45 0.69 0.00	12.41 0.43 0.00	16.52 0.57 0.00	21.91 0.78 0.00	24.26 0.86 0.00	35.80 1.10 0.00	46.27 1.30 0.00	41.35 1.21 0.00	29.97 1.18 0.00	29.02 1.19 0.00	23.14 0.97 0.00	25.35 0.92 0.00	28.91 0.98 0.00	27.20 0.98 0.00	29.34 1.11 0.00	33.20 1.33 0.00	50.14 1.84 0.00	75.02 2.48 0.00	61.61 1.96 0.00	46.93 1.63 0.00	45.39 1.90 0.00	39.30 1.60 0.00	36.84 1.25 0.00
ELLENBURG_WT_PWR 323604	20.39 -0.47 0.00	17.44 -0.32 0.00	11.81 -0.17 0.00	15.83 -0.12 0.00	21.04 -0.09 0.00	23.50 0.10 0.00	34.97 0.27 0.00	45.63 0.67 0.00	40.80 0.66 0.00	29.15 0.37 0.00	28.10 0.26 0.00	22.22 0.05 0.00	24.65 0.22 0.00	28.38 0.46 0.00	26.63 0.41 0.00	28.67 0.43 0.00	32.22 0.36 0.00	48.81 0.51 0.00	73.33 0.79 0.00	60.25 0.59 0.00	45.65 0.35 0.00	43.49 0.00 0.00	37.69 -0.01 0.00	35.75 0.17 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.10 -1.90 2.86	16.14 -1.61 0.00	10.82 -1.16 0.00	14.43 -1.51 0.00	19.05 -2.03 0.06	21.28 -2.10 0.02	30.04 -3.07 1.60	35.02 -3.35 6.60	32.25 -3.05 4.84	26.41 -2.18 0.20	26.10 -1.75 0.00	20.80 -1.37 0.00	23.04 -1.39 0.00	26.38 -1.54 0.00	24.78 -1.43 0.00	26.80 -1.44 0.00	30.28 -1.59 0.00	45.74 -2.56 0.01	68.38 -3.82 0.34	56.04 -2.96 0.66	42.88 -2.41 0.01	40.90 -2.59 0.00	35.03 -2.66 0.00	33.85 -1.74 0.00
EMPIRE_CC_1 323656	21.19 0.34 0.00	18.06 0.30 0.00	12.17 0.19 0.00	16.16 0.22 0.00	21.41 0.28 0.00	23.64 0.25 0.00	34.90 0.20 0.00	45.13 0.16 0.00	40.20 0.06 0.00	28.91 0.12 0.00	27.94 0.10 0.00	22.21 0.05 0.00	24.45 0.02 0.00	27.89 -0.04 0.00	26.17 -0.04 0.00	28.11 -0.13 0.00	31.73 -0.14 0.00	48.04 -0.26 0.00	72.35 -0.19 0.00	59.29 -0.37 0.00	45.09 -0.21 0.00	43.63 0.14 0.00	37.76 0.06 0.00	35.65 0.07 0.00
EMPIRE_CC_2 323658	21.19 0.34 0.00	18.06 0.30 0.00	12.17 0.19 0.00	16.16 0.22 0.00	21.41 0.28 0.00	23.64 0.25 0.00	34.90 0.20 0.00	45.13 0.16 0.00	40.20 0.06 0.00	28.91 0.12 0.00	27.94 0.10 0.00	22.21 0.05 0.00	24.45 0.02 0.00	27.89 -0.04 0.00	26.17 -0.04 0.00	28.11 -0.13 0.00	31.73 -0.14 0.00	48.04 -0.26 0.00	72.35 -0.19 0.00	59.29 -0.37 0.00	45.09 -0.21 0.00	43.63 0.14 0.00	37.76 0.06 0.00	35.65 0.07 0.00
ENORWICH_115KV_TB1 80156	21.95 0.54 -0.56	18.11 0.35 0.00	12.24 0.26 0.00	16.29 0.34 0.00	21.63 0.50 0.01	23.94 0.55 0.00	35.85 1.31 0.17	46.61 1.64 0.00	41.06 0.92 0.00	29.13 0.34 0.00	28.39 0.55 0.00	22.46 0.28 0.00	24.97 0.55 0.00	28.52 0.60 0.00	26.74 0.52 0.00	29.05 0.82 0.00	32.91 1.04 0.00	51.03 2.73 0.00	77.16 4.63 0.00	63.85 4.19 0.00	48.36 3.06 0.00	46.10 2.61 0.00	39.57 1.87 0.00	37.26 1.68 0.00
ERIE_ST__34_KV_TB1-2 80199	16.65 -1.38 2.83	16.59 -1.17 0.00	11.11 -0.87 0.00	14.80 -1.14 0.00	19.56 -1.52 0.06	21.85 -1.53 0.02	30.86 -2.17 1.68	34.28 -2.11 8.57	32.04 -1.88 6.22	27.12 -1.41 0.26	26.81 -1.03 0.00	21.41 -0.76 0.00	23.66 -0.76 0.00	27.10 -0.83 0.00	25.45 -0.76 0.00	27.51 -0.72 0.00	31.11 -0.76 0.00	47.10 -1.19 0.01	70.48 -1.62 0.43	57.65 -1.16 0.85	44.14 -1.14 0.01	42.04 -1.45 0.00	36.03 -1.66 0.01	34.72 -0.87 0.00
ERIE_WT_PWR 323693	16.25 -1.74 2.87	16.29 -1.47 0.00	10.92 -1.06 0.00	14.55 -1.39 0.00	19.22 -1.86 0.06	21.48 -1.90 0.02	29.58 -2.75 2.38	34.03 -2.88 8.06	30.66 -2.57 6.91	26.73 -1.86 0.20	26.37 -1.48 0.00	21.02 -1.15 0.00	23.25 -1.17 0.00	26.67 -1.25 0.00	25.05 -1.17 0.00	27.09 -1.15 0.00	30.64 -1.23 0.00	38.23 -1.99 8.09	47.10 -2.99 22.44	19.43 -2.37 37.86	15.59 -2.01 27.70	10.93 -2.13 30.44	21.95 -2.32 13.43	1.03 -1.41 33.15
ESPRGFLD_115KV_TB1 80157	21.73 0.29 -0.59	17.96 0.20 0.00	12.13 0.16 0.00	16.19 0.24 0.00	21.49 0.36 0.00	23.84 0.44 0.00	35.48 0.78 0.00	46.03 1.06 0.00	40.99 0.85 0.00	29.26 0.47 0.00	28.32 0.48 0.00	22.59 0.43 0.00	24.94 0.51 0.00	28.58 0.66 0.00	26.83 0.61 0.00	29.06 0.82 0.00	32.72 0.85 0.00	49.84 1.54 0.00	74.74 2.20 0.00	61.67 2.01 0.00	46.77 1.48 0.00	44.73 1.24 0.00	38.72 1.02 0.00	36.57 0.99 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.29 0.00 1.57	17.74 -0.02 0.00	11.96 -0.02 0.00	15.91 -0.03 0.00	21.11 -0.01 0.01	23.39 0.00 0.00	34.70 0.16 0.16	45.26 0.29 0.00	40.18 0.04 0.00	28.63 -0.15 0.00	27.71 -0.13 0.00	21.98 -0.19 0.00	24.32 -0.10 0.00	27.81 -0.11 0.00	26.14 -0.08 0.00	28.24 0.01 0.00	31.84 -0.03 0.00	48.48 0.18 0.00	73.12 0.58 0.00	60.31 0.65 0.00	45.85 0.56 0.00	43.88 0.39 0.00	37.92 0.22 0.00	35.79 0.20 0.00
ETNA_____115KV_TB2 80207	19.29 0.00 1.57	17.74 -0.02 0.00	11.96 -0.02 0.00	15.91 -0.03 0.00	21.11 -0.01 0.01	23.39 0.00 0.00	34.70 0.16 0.16	45.26 0.29 0.00	40.18 0.04 0.00	28.63 -0.15 0.00	27.71 -0.13 0.00	21.98 -0.19 0.00	24.32 -0.10 0.00	27.81 -0.11 0.00	26.14 -0.08 0.00	28.24 0.01 0.00	31.84 -0.03 0.00	48.48 0.18 0.00	73.12 0.58 0.00	60.31 0.65 0.00	45.85 0.56 0.00	43.88 0.39 0.00	37.92 0.22 0.00	35.79 0.20 0.00
EUCLID___115KV_TB2 356179	20.53 -0.33 0.00	17.48 -0.28 0.00	11.79 -0.19 0.00	15.68 -0.26 0.00	20.78 -0.35 0.00	23.01 -0.39 0.00	34.14 -0.55 0.00	44.30 -0.67 0.00	39.47 -0.67 0.00	28.28 -0.50 0.00	27.43 -0.42 0.00	21.88 -0.30 0.00	24.09 -0.33 0.00	27.55 -0.38 0.00	25.85 -0.36 0.00	27.85 -0.39 0.00	31.40 -0.47 0.00	47.64 -0.67 0.00	71.56 -0.98 0.00	58.91 -0.74 0.00	44.76 -0.54 0.00	42.91 -0.58 0.00	37.12 -0.58 0.00	35.05 -0.54 0.00
E_CANADA_CAP_HY 24051	21.23 0.38 0.00	18.03 0.27 0.00	12.18 0.20 0.00	16.26 0.32 0.00	21.58 0.45 0.00	23.97 0.57 0.00	35.71 1.01 0.00	46.40 1.43 0.00	41.14 1.00 0.00	29.12 0.33 0.00	28.04 0.20 0.00	22.37 0.21 0.00	24.70 0.27 0.00	28.30 0.38 0.00	26.65 0.43 0.00	29.09 0.85 0.00	32.79 0.92 0.00	49.87 1.56 0.00	75.18 2.65 0.00	62.15 2.49 0.00	47.14 1.84 0.00	45.08 1.59 0.00	39.00 1.30 0.00	36.85 1.27 0.00
E_CANADA_MHWK_HY 24050	21.04 0.18 0.00	17.91 0.15 0.00	12.07 0.09 0.00	16.05 0.10 0.00	21.31 0.18 0.00	23.56 0.16 0.00	35.17 0.47 0.00	45.57 0.60 0.00	40.00 -0.13 0.00	28.05 -0.74 0.00	26.83 -1.01 0.00	21.31 -0.86 0.00	23.50 -0.92 0.00	26.73 -1.20 0.00	25.31 -0.91 0.00	27.63 -0.60 0.00	31.51 -0.36 0.00	47.90 -0.40 0.00	72.87 0.33 0.00	59.94 0.29 0.00	45.49 0.19 0.00	43.81 0.32 0.00	37.79 0.09 0.00	35.46 -0.13 0.00
E_FISHKILL___LBMP 23776	21.61 0.76 0.00	18.33 0.57 0.00	12.34 0.36 0.00	16.42 0.48 0.00	21.76 0.63 0.00	24.06 0.66 0.00	35.69 0.99 0.00	46.21 1.25 0.00	41.21 1.08 0.00	29.67 0.88 0.00	28.67 0.83 0.00	22.88 0.71 0.00	25.10 0.67 0.00	28.62 0.70 0.00	26.88 0.67 0.00	28.99 0.75 0.00	32.73 0.86 0.00	49.59 1.29 0.00	74.36 1.83 0.00	61.20 1.54 0.00	46.48 1.18 0.00	44.78 1.29 0.00	38.72 1.02 0.00	36.35 0.76 0.00
FALCON___SEABRD_CC1 323796	20.60 -0.26 0.00	17.62 -0.14 0.00	11.93 -0.05 0.00	15.98 0.04 0.00	21.25 0.12 0.00	23.77 0.37 0.00	35.43 0.73 0.00	46.26 1.30 0.00	41.30 1.16 0.00	29.43 0.65 0.00	28.35 0.51 0.00	22.40 0.23 0.00	24.84 0.41 0.00	28.69 0.76 0.00	26.94 0.72 0.00	29.02 0.79 0.00	32.64 0.77 0.00	49.42 1.11 0.00	74.34 1.81 0.00	61.02 1.36 0.00	46.23 0.93 0.00	44.03 0.54 0.00	38.10 0.40 0.00	36.11 0.53 0.00
FALCON___SEABRD_CC2 323797	20.60 -0.26 0.00	17.62 -0.14 0.00	11.93 -0.05 0.00	15.98 0.04 0.00	21.25 0.12 0.00	23.77 0.37 0.00	35.43 0.73 0.00	46.26 1.30 0.00	41.30 1.16 0.00	29.43 0.65 0.00	28.35 0.51 0.00	22.40 0.23 0.00	24.84 0.41 0.00	28.69 0.76 0.00	26.94 0.72 0.00	29.02 0.79 0.00	32.64 0.77 0.00	49.42 1.11 0.00	74.34 1.81 0.00	61.02 1.36 0.00	46.23 0.93 0.00	44.03 0.54 0.00	38.10 0.40 0.00	36.11 0.53 0.00

FAR ROCKAWAY___4 23548	22.05 1.19 0.00	18.67 0.91 0.00	12.55 0.57 0.00	16.71 0.77 0.00	22.18 1.05 0.00	24.56 1.16 0.00	36.27 1.57 0.00	46.88 1.92 0.00	41.85 1.71 0.00	30.32 1.53 0.00	29.35 1.51 0.00	23.40 1.23 0.00	25.64 1.21 0.00	29.24 1.32 0.00	27.51 1.29 0.00	29.70 1.46 0.00	33.60 1.73 0.00	50.80 2.49 0.00	75.96 3.43 0.00	62.41 2.75 0.00	47.54 2.24 0.00	45.96 2.47 0.00	39.77 2.07 0.00	37.26 1.67 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.95 1.10 0.00	18.60 0.84 0.00	12.52 0.54 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.41 1.02 0.00	36.24 1.54 0.00	46.86 1.89 0.00	41.87 1.73 0.00	30.27 1.49 0.00	29.29 1.45 0.00	23.42 1.25 0.00	25.67 1.25 0.00	29.27 1.34 0.00	27.51 1.30 0.00	29.70 1.46 0.00	33.53 1.66 0.00	50.68 2.37 0.00	75.68 3.15 0.00	62.30 2.64 0.00	47.33 2.03 0.00	45.58 2.10 0.00	39.46 1.76 0.00	36.97 1.39 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.96 1.11 0.00	18.60 0.84 0.00	12.52 0.55 0.00	16.67 0.73 0.00	22.08 0.95 0.00	24.42 1.02 0.00	36.25 1.55 0.00	46.88 1.92 0.00	41.87 1.74 0.00	30.27 1.49 0.00	29.29 1.45 0.00	23.42 1.25 0.00	25.67 1.25 0.00	29.27 1.34 0.00	27.51 1.30 0.00	29.70 1.46 0.00	33.53 1.66 0.00	50.68 2.37 0.00	75.68 3.15 0.00	62.32 2.66 0.00	47.34 2.05 0.00	45.61 2.12 0.00	39.47 1.77 0.00	36.98 1.40 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.94 1.09 0.00	18.59 0.83 0.00	12.51 0.54 0.00	16.66 0.71 0.00	22.07 0.94 0.00	24.39 1.00 0.00	36.23 1.53 0.00	46.84 1.87 0.00	41.84 1.71 0.00	30.25 1.47 0.00	29.27 1.43 0.00	23.40 1.24 0.00	25.66 1.24 0.00	29.25 1.32 0.00	27.50 1.29 0.00	29.68 1.45 0.00	33.52 1.65 0.00	50.65 2.35 0.00	75.64 3.10 0.00	62.27 2.61 0.00	47.30 2.00 0.00	45.56 2.08 0.00	39.44 1.74 0.00	36.95 1.36 0.00
FARRAGUT___LBMP 323566	21.93 1.08 0.00	18.58 0.82 0.00	12.51 0.53 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.39 0.99 0.00	36.20 1.50 0.00	46.80 1.83 0.00	41.81 1.67 0.00	30.23 1.44 0.00	29.25 1.41 0.00	23.38 1.22 0.00	25.64 1.21 0.00	29.22 1.29 0.00	27.48 1.26 0.00	29.66 1.42 0.00	33.48 1.61 0.00	50.60 2.30 0.00	75.57 3.04 0.00	62.22 2.57 0.00	47.25 1.96 0.00	45.53 2.04 0.00	39.41 1.71 0.00	36.92 1.34 0.00
FENNER___WINDPWR 24204	20.87 0.01 0.00	17.77 0.01 0.00	11.98 0.00 0.00	15.96 0.01 0.00	21.17 0.04 0.00	23.51 0.11 0.00	35.05 0.35 0.00	45.41 0.44 0.00	40.41 0.27 0.00	28.80 0.02 0.00	27.96 0.12 0.00	22.28 0.11 0.00	24.58 0.15 0.00	28.10 0.18 0.00	26.44 0.22 0.00	28.47 0.23 0.00	32.10 0.24 0.00	48.85 0.55 0.00	73.79 1.25 0.00	60.80 1.14 0.00	46.11 0.81 0.00	44.20 0.71 0.00	38.22 0.52 0.00	36.01 0.43 0.00
FIBERTEK___ENERGY 23856	20.11 -0.18 0.56	17.60 -0.16 0.00	11.86 -0.11 0.00	15.78 -0.16 0.00	20.93 -0.21 0.00	23.17 -0.23 0.00	34.43 -0.27 0.00	44.68 -0.29 0.00	39.76 -0.38 0.00	28.46 -0.32 0.00	27.59 -0.25 0.00	21.99 -0.18 0.00	24.23 -0.19 0.00	27.71 -0.21 0.00	26.02 -0.20 0.00	28.04 -0.20 0.00	31.64 -0.23 0.00	47.98 -0.32 0.00	72.07 -0.46 0.00	59.35 -0.31 0.00	45.13 -0.17 0.00	43.25 -0.24 0.00	37.40 -0.29 0.00	35.29 -0.29 0.00
FITZPATRICK___ 23598	20.27 -0.58 0.00	17.26 -0.49 0.00	11.65 -0.34 0.00	15.49 -0.45 0.00	20.53 -0.60 0.00	22.72 -0.67 0.00	33.69 -1.01 0.00	43.71 -1.26 0.00	38.95 -1.18 0.00	27.94 -0.84 0.00	27.07 -0.77 0.00	21.59 -0.58 0.00	23.78 -0.64 0.00	27.18 -0.74 0.00	25.53 -0.68 0.00	27.48 -0.75 0.00	31.01 -0.86 0.00	46.99 -1.31 0.00	70.57 -1.97 0.00	58.08 -1.57 0.00	44.12 -1.18 0.00	42.33 -1.15 0.00	36.64 -1.06 0.00	34.60 -0.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.84 0.98 0.00	18.52 0.76 0.00	12.47 0.48 0.00	16.59 0.65 0.00	21.99 0.85 0.00	24.32 0.92 0.00	36.14 1.44 0.00	46.83 1.86 0.00	41.72 1.58 0.00	29.96 1.18 0.00	28.91 1.07 0.00	23.06 0.89 0.00	25.28 0.86 0.00	28.84 0.91 0.00	27.10 0.88 0.00	29.26 1.02 0.00	33.09 1.22 0.00	50.22 1.92 0.00	75.38 2.85 0.00	62.07 2.41 0.00	47.12 1.82 0.00	45.36 1.87 0.00	39.19 1.49 0.00	36.75 1.17 0.00
FORT ORANGE___ 23900	21.50 0.64 0.00	18.29 0.53 0.00	12.33 0.35 0.00	16.38 0.44 0.00	21.72 0.58 0.00	24.01 0.61 0.00	35.59 0.89 0.00	46.12 1.15 0.00	41.01 0.87 0.00	29.31 0.52 0.00	28.26 0.42 0.00	22.48 0.31 0.00	24.73 0.31 0.00	28.23 0.31 0.00	26.52 0.30 0.00	28.58 0.34 0.00	32.38 0.51 0.00	49.16 0.86 0.00	73.95 1.41 0.00	60.74 1.08 0.00	46.14 0.85 0.00	44.50 1.02 0.00	38.50 0.80 0.00	36.27 0.68 0.00
FORT_DRUM_COGEN 23780	19.56 -1.30 0.00	16.62 -1.14 0.00	11.22 -0.76 0.00	14.95 -0.99 0.00	19.90 -1.24 0.00	22.32 -1.07 0.00	33.64 -1.06 0.00	43.77 -1.20 0.00	38.45 -1.69 0.00	27.34 -1.44 0.00	26.76 -1.08 0.00	21.32 -0.85 0.00	23.84 -0.58 0.00	27.64 -0.28 0.00	25.79 -0.43 0.00	27.84 -0.39 0.00	30.98 -0.89 0.00	47.41 -0.89 0.00	73.32 0.79 0.00	61.04 1.38 0.00	45.61 0.31 0.00	43.72 0.23 0.00	38.16 0.46 0.00	35.50 -0.09 0.00
FOX_HILLS___ESR 323835	21.99 1.13 0.00	18.63 0.87 0.00	12.54 0.56 0.00	16.67 0.73 0.00	22.08 0.95 0.00	24.42 1.02 0.00	36.34 1.64 0.00	46.95 1.98 0.00	41.99 1.85 0.00	30.33 1.55 0.00	29.24 1.40 0.00	23.38 1.21 0.00	25.61 1.19 0.00	29.21 1.28 0.00	27.47 1.25 0.00	29.67 1.43 0.00	33.49 1.62 0.00	50.60 2.29 0.00	75.57 3.03 0.00	62.35 2.69 0.00	47.36 2.06 0.00	45.65 2.17 0.00	39.48 1.78 0.00	36.95 1.37 0.00
FPL_FAR_ROCK_GT1 24212	22.05 1.20 0.00	18.67 0.91 0.00	12.55 0.57 0.00	16.71 0.77 0.00	22.17 1.04 0.00	24.56 1.16 0.00	36.27 1.57 0.00	46.89 1.92 0.00	41.85 1.72 0.00	30.31 1.53 0.00	29.35 1.51 0.00	23.40 1.23 0.00	25.64 1.21 0.00	29.24 1.32 0.00	27.51 1.29 0.00	29.70 1.46 0.00	33.60 1.73 0.00	50.78 2.48 0.00	75.98 3.45 0.00	62.45 2.79 0.00	47.57 2.27 0.00	45.97 2.48 0.00	39.78 2.08 0.00	37.26 1.68 0.00
FPL_FAR_ROCK_GT2 23815	22.05 1.20 0.00	18.67 0.91 0.00	12.55 0.57 0.00	16.71 0.77 0.00	22.17 1.04 0.00	24.56 1.16 0.00	36.27 1.57 0.00	46.89 1.92 0.00	41.85 1.72 0.00	30.31 1.53 0.00	29.35 1.51 0.00	23.40 1.23 0.00	25.64 1.21 0.00	29.24 1.32 0.00	27.51 1.29 0.00	29.70 1.46 0.00	33.60 1.73 0.00	50.78 2.48 0.00	75.98 3.45 0.00	62.45 2.79 0.00	47.57 2.27 0.00	45.97 2.48 0.00	39.78 2.08 0.00	37.26 1.68 0.00
FRANKLIN_FALL_HYD 24054	20.50 -0.36 0.00	17.53 -0.23 0.00	11.87 -0.11 0.00	15.89 -0.06 0.00	21.13 0.00 0.00	23.62 0.23 0.00	35.24 0.54 0.00	46.04 1.08 0.00	41.22 1.08 0.00	29.33 0.54 0.00	28.16 0.32 0.00	22.23 0.06 0.00	24.73 0.31 0.00	28.57 0.65 0.00	26.82 0.60 0.00	28.87 0.63 0.00	32.37 0.51 0.00	49.04 0.74 0.00	73.96 1.43 0.00	60.82 1.16 0.00	46.08 0.78 0.00	43.91 0.42 0.00	38.11 0.41 0.00	36.11 0.52 0.00

FREEPORT_EQUS_GT1 23764	21.87 1.01 0.00	18.51 0.75 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.98 0.85 0.00	24.33 0.94 0.00	35.88 1.18 0.00	46.36 1.39 0.00	41.41 1.27 0.00	30.02 1.23 0.00	29.09 1.24 0.00	23.17 1.00 0.00	25.37 0.95 0.00	28.93 1.01 0.00	27.23 1.01 0.00	29.37 1.14 0.00	33.28 1.41 0.00	50.24 1.94 0.00	75.21 2.67 0.00	61.83 2.17 0.00	47.13 1.83 0.00	45.60 2.11 0.00	39.49 1.79 0.00	37.00 1.41 0.00
FREEPORT___CT2 23818	21.87 1.01 0.00	18.51 0.75 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.98 0.85 0.00	24.33 0.94 0.00	35.88 1.18 0.00	46.36 1.39 0.00	41.41 1.27 0.00	30.02 1.23 0.00	29.09 1.24 0.00	23.17 1.00 0.00	25.37 0.95 0.00	28.93 1.01 0.00	27.23 1.01 0.00	29.37 1.14 0.00	33.28 1.41 0.00	50.24 1.94 0.00	75.21 2.67 0.00	61.83 2.17 0.00	47.13 1.83 0.00	45.60 2.11 0.00	39.49 1.79 0.00	37.00 1.41 0.00
FRESHKLS_33_KV_LOAD 356253	21.96 1.11 0.00	18.61 0.85 0.00	12.53 0.55 0.00	16.64 0.69 0.00	22.03 0.89 0.00	24.38 0.99 0.00	36.33 1.63 0.00	46.95 1.98 0.00	42.00 1.86 0.00	30.32 1.54 0.00	29.19 1.35 0.00	23.34 1.16 0.00	25.55 1.13 0.00	29.15 1.22 0.00	27.42 1.20 0.00	29.61 1.37 0.00	33.43 1.56 0.00	50.54 2.23 0.00	75.50 2.97 0.00	62.31 2.65 0.00	47.34 2.04 0.00	45.66 2.17 0.00	39.45 1.74 0.00	36.93 1.34 0.00
FULTON COGEN____ 23766	20.16 -0.70 0.00	17.16 -0.60 0.00	11.57 -0.40 0.00	15.40 -0.55 0.00	20.40 -0.73 0.00	22.60 -0.80 0.00	33.57 -1.14 0.00	43.55 -1.41 0.00	38.79 -1.35 0.00	27.80 -0.99 0.00	26.92 -0.92 0.00	21.47 -0.70 0.00	23.66 -0.76 0.00	27.03 -0.89 0.00	25.36 -0.86 0.00	27.36 -0.88 0.00	30.74 -1.13 0.00	46.71 -1.59 0.00	70.38 -2.16 0.00	58.00 -1.66 0.00	44.05 -1.24 0.00	42.25 -1.24 0.00	36.53 -1.17 0.00	34.44 -1.14 0.00
FULTON___LFGE 323630	21.52 0.67 0.00	18.29 0.53 0.00	12.34 0.36 0.00	16.44 0.50 0.00	21.83 0.70 0.00	24.23 0.84 0.00	36.12 1.42 0.00	46.91 1.95 0.00	41.33 1.19 0.00	28.91 0.12 0.00	27.64 -0.20 0.00	22.02 -0.15 0.00	24.29 -0.13 0.00	27.79 -0.14 0.00	26.26 0.04 0.00	28.93 0.70 0.00	32.77 0.90 0.00	49.86 1.56 0.00	75.62 3.09 0.00	62.47 2.81 0.00	47.39 2.09 0.00	45.39 1.91 0.00	39.22 1.52 0.00	36.98 1.39 0.00
G.F.CEMENT___DRP 24184	21.49 0.63 0.00	18.30 0.54 0.00	12.31 0.32 0.00	16.37 0.43 0.00	21.74 0.60 0.00	24.12 0.72 0.00	35.93 1.23 0.00	46.68 1.71 0.00	41.25 1.12 0.00	29.15 0.37 0.00	27.91 0.07 0.00	22.10 -0.07 0.00	24.32 -0.10 0.00	27.75 -0.17 0.00	26.12 -0.10 0.00	28.36 0.12 0.00	32.41 0.54 0.00	49.54 1.24 0.00	74.94 2.40 0.00	61.36 1.70 0.00	46.53 1.24 0.00	44.87 1.38 0.00	38.60 0.90 0.00	36.24 0.66 0.00
GARDENVILLE___LBMP 24039	16.06 -1.84 2.96	16.19 -1.57 0.00	10.86 -1.12 0.00	14.48 -1.46 0.00	19.11 -1.96 0.05	21.36 -2.02 0.02	30.19 -2.93 1.58	35.41 -3.16 6.40	32.55 -2.88 4.71	26.52 -2.07 0.20	26.19 -1.65 0.00	20.89 -1.28 0.00	23.12 -1.30 0.00	26.51 -1.42 0.00	24.90 -1.31 0.00	26.93 -1.30 0.00	30.46 -1.41 0.00	46.00 -2.29 0.01	68.79 -3.42 0.33	56.40 -2.62 0.64	43.13 -2.16 0.01	41.12 -2.36 0.00	35.24 -2.46 0.00	34.01 -1.58 0.00
GARDNVLA_35_KV_LD 355827	16.33 -1.68 2.85	16.34 -1.42 0.00	10.96 -1.02 0.00	14.60 -1.34 0.00	19.29 -1.78 0.06	21.57 -1.81 0.02	30.42 -2.61 1.68	35.85 -2.72 6.40	32.92 -2.44 4.78	26.85 -1.74 0.20	26.48 -1.36 0.00	21.12 -1.05 0.00	23.37 -1.06 0.00	26.79 -1.14 0.00	25.16 -1.06 0.00	27.21 -1.02 0.00	30.79 -1.08 0.00	46.54 -1.76 0.01	69.63 -2.57 0.33	57.05 -1.95 0.66	43.55 -1.74 0.01	41.51 -1.97 0.00	35.57 -2.13 0.00	34.29 -1.29 0.00
GELCKHM___115KV_LOAD 80723	20.59 -0.27 0.00	17.53 -0.23 0.00	11.82 -0.16 0.00	15.72 -0.22 0.00	20.83 -0.30 0.00	23.08 -0.32 0.00	34.26 -0.44 0.00	44.45 -0.52 0.00	39.58 -0.55 0.00	28.35 -0.44 0.00	27.49 -0.36 0.00	21.92 -0.25 0.00	24.14 -0.28 0.00	27.60 -0.32 0.00	25.92 -0.30 0.00	27.92 -0.32 0.00	31.49 -0.38 0.00	47.77 -0.53 0.00	71.77 -0.77 0.00	59.08 -0.58 0.00	44.90 -0.39 0.00	43.04 -0.45 0.00	37.24 -0.46 0.00	35.15 -0.44 0.00
GENERAL___MILLS 23808	16.25 -1.74 2.87	16.29 -1.48 0.00	10.92 -1.06 0.00	14.55 -1.39 0.00	19.22 -1.86 0.06	21.49 -1.89 0.02	30.30 -2.74 1.66	35.65 -2.92 6.40	32.74 -2.62 4.77	26.70 -1.89 0.20	26.34 -1.50 0.00	21.01 -1.16 0.00	23.25 -1.18 0.00	26.65 -1.27 0.00	25.03 -1.19 0.00	27.06 -1.17 0.00	30.61 -1.26 0.00	46.26 -2.03 0.01	69.21 -2.99 0.33	56.74 -2.27 0.65	43.36 -1.94 0.01	41.34 -2.15 0.00	35.42 -2.27 0.00	34.16 -1.42 0.00
GE_PLASTICS___DRP 24183	21.34 0.48 0.00	18.16 0.40 0.00	12.24 0.26 0.00	16.27 0.33 0.00	21.56 0.43 0.00	23.83 0.43 0.00	35.32 0.62 0.00	45.72 0.75 0.00	40.70 0.57 0.00	29.18 0.39 0.00	28.18 0.34 0.00	22.43 0.26 0.00	24.67 0.25 0.00	28.16 0.24 0.00	26.46 0.24 0.00	28.50 0.26 0.00	32.23 0.37 0.00	48.89 0.58 0.00	73.44 0.91 0.00	60.30 0.64 0.00	45.81 0.52 0.00	44.18 0.69 0.00	38.26 0.56 0.00	36.05 0.46 0.00
GILBOA___1 23756	21.21 0.35 0.00	18.05 0.29 0.00	12.17 0.19 0.00	16.19 0.24 0.00	21.44 0.31 0.00	23.60 0.21 0.00	34.96 0.26 0.00	45.10 0.13 0.00	40.36 0.22 0.00	29.01 0.22 0.00	28.04 0.20 0.00	22.33 0.17 0.00	24.57 0.14 0.00	28.06 0.14 0.00	26.35 0.13 0.00	28.39 0.15 0.00	32.09 0.22 0.00	48.63 0.33 0.00	72.62 0.09 0.00	59.66 0.00 0.00	45.25 -0.05 0.00	43.62 0.13 0.00	37.98 0.28 0.00	35.81 0.22 0.00
GILBOA___2 23757	21.21 0.35 0.00	18.05 0.29 0.00	12.17 0.19 0.00	16.19 0.24 0.00	21.44 0.31 0.00	23.60 0.21 0.00	34.96 0.26 0.00	45.10 0.13 0.00	40.36 0.22 0.00	29.01 0.22 0.00	28.04 0.20 0.00	22.33 0.17 0.00	24.57 0.14 0.00	28.06 0.14 0.00	26.35 0.13 0.00	28.39 0.15 0.00	32.09 0.22 0.00	48.63 0.33 0.00	72.62 0.09 0.00	59.66 0.00 0.00	45.25 -0.05 0.00	43.62 0.13 0.00	37.98 0.28 0.00	35.81 0.22 0.00
GILBOA___3 23758	21.21 0.35 0.00	18.05 0.29 0.00	12.17 0.19 0.00	16.19 0.24 0.00	21.44 0.31 0.00	23.60 0.21 0.00	34.96 0.26 0.00	45.10 0.13 0.00	40.36 0.22 0.00	29.01 0.22 0.00	28.04 0.20 0.00	22.33 0.17 0.00	24.57 0.14 0.00	28.06 0.14 0.00	26.35 0.13 0.00	28.39 0.15 0.00	32.09 0.22 0.00	48.63 0.33 0.00	72.62 0.09 0.00	59.66 0.00 0.00	45.25 -0.05 0.00	43.62 0.13 0.00	37.98 0.28 0.00	35.81 0.22 0.00
GILBOA___4 23759	21.21 0.35 0.00	18.05 0.29 0.00	12.17 0.19 0.00	16.19 0.24 0.00	21.44 0.31 0.00	23.60 0.21 0.00	34.96 0.26 0.00	45.10 0.13 0.00	40.36 0.22 0.00	29.01 0.22 0.00	28.04 0.20 0.00	22.33 0.17 0.00	24.57 0.14 0.00	28.06 0.14 0.00	26.35 0.13 0.00	28.39 0.15 0.00	32.09 0.22 0.00	48.63 0.33 0.00	72.62 0.09 0.00	59.66 0.00 0.00	45.25 -0.05 0.00	43.62 0.13 0.00	37.98 0.28 0.00	35.81 0.22 0.00

GILBOA____ 23599	21.21 0.35 0.00	18.05 0.29 0.00	12.17 0.19 0.00	16.19 0.24 0.00	21.45 0.31 0.00	23.60 0.21 0.00	34.96 0.26 0.00	45.10 0.13 0.00	40.36 0.22 0.00	29.00 0.22 0.00	28.04 0.20 0.00	22.33 0.17 0.00	24.57 0.14 0.00	28.06 0.14 0.00	26.35 0.13 0.00	28.39 0.15 0.00	32.09 0.22 0.00	48.64 0.33 0.00	72.63 0.09 0.00	59.64 -0.02 0.00	45.24 -0.06 0.00	43.63 0.14 0.00	37.99 0.28 0.00	35.81 0.23 0.00
GINNA____ 23603	17.61 -1.70 1.55	16.30 -1.45 0.00	10.97 -1.02 0.00	14.61 -1.34 0.00	19.40 -1.75 -0.01	21.55 -1.85 0.00	32.22 -2.63 -0.14	43.05 -3.08 -1.16	38.08 -2.91 -0.85	26.71 -2.13 -0.06	25.91 -1.94 0.00	20.66 -1.51 0.00	22.82 -1.60 0.00	26.12 -1.81 0.00	24.51 -1.71 0.00	26.39 -1.85 0.00	29.83 -2.04 0.00	43.20 -2.98 2.12	62.41 -4.41 5.71	46.47 -3.60 9.58	35.23 -2.80 7.27	32.67 -2.83 8.00	31.45 -2.72 3.53	23.89 -2.34 9.35
GLEN PARK____ 23778	19.56 -1.30 0.00	16.62 -1.14 0.00	11.22 -0.76 0.00	14.95 -0.99 0.00	19.90 -1.24 0.00	22.34 -1.06 0.00	33.67 -1.03 0.00	43.83 -1.14 0.00	38.48 -1.66 0.00	27.32 -1.47 0.00	26.73 -1.11 0.00	21.30 -0.87 0.00	23.84 -0.59 0.00	27.65 -0.27 0.00	25.79 -0.43 0.00	27.82 -0.41 0.00	30.95 -0.92 0.00	47.35 -0.95 0.00	73.38 0.85 0.00	61.11 1.45 0.00	45.67 0.38 0.00	43.77 0.28 0.00	38.17 0.47 0.00	35.50 -0.09 0.00
GLENDALE_27_KV_LOAD 356172	22.09 1.23 0.00	18.71 0.95 0.00	12.59 0.61 0.00	16.76 0.81 0.00	22.20 1.07 0.00	24.55 1.15 0.00	36.44 1.74 0.00	47.10 2.13 0.00	42.13 1.99 0.00	30.47 1.68 0.00	29.47 1.63 0.00	23.57 1.40 0.00	25.83 1.41 0.00	29.44 1.52 0.00	27.69 1.48 0.00	29.90 1.66 0.00	33.75 1.88 0.00	50.99 2.69 0.00	76.09 3.56 0.00	62.64 2.98 0.00	47.58 2.28 0.00	45.87 2.38 0.00	39.70 2.00 0.00	37.17 1.58 0.00
GLENWOOD_IC_1_G5 23712	21.88 1.02 0.00	18.53 0.77 0.00	12.47 0.48 0.00	16.59 0.65 0.00	22.00 0.87 0.00	24.35 0.95 0.00	36.00 1.30 0.00	46.27 1.30 0.00	41.34 1.21 0.00	29.95 1.16 0.00	29.15 1.31 0.00	23.25 1.09 0.00	25.49 1.06 0.00	29.07 1.15 0.00	27.34 1.12 0.00	29.50 1.27 0.00	33.35 1.48 0.00	50.19 1.89 0.00	75.09 2.55 0.00	61.71 2.05 0.00	46.92 1.63 0.00	45.52 2.03 0.00	39.43 1.73 0.00	36.95 1.37 0.00
GLENWOOD_IC_2_G1 23688	21.82 0.97 0.00	18.49 0.73 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.82 0.00	24.28 0.88 0.00	35.96 1.26 0.00	46.49 1.52 0.00	41.50 1.37 0.00	30.01 1.23 0.00	29.06 1.22 0.00	23.19 1.03 0.00	25.42 1.00 0.00	28.99 1.07 0.00	27.27 1.05 0.00	29.42 1.19 0.00	33.26 1.38 0.00	50.25 1.95 0.00	75.18 2.65 0.00	61.86 2.20 0.00	47.04 1.74 0.00	45.39 1.90 0.00	39.29 1.59 0.00	36.82 1.23 0.00
GLENWOOD_IC_3_G1 23689	21.82 0.97 0.00	18.49 0.73 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.82 0.00	24.28 0.88 0.00	35.96 1.26 0.00	46.49 1.52 0.00	41.50 1.37 0.00	30.01 1.23 0.00	29.06 1.22 0.00	23.19 1.03 0.00	25.42 1.00 0.00	28.99 1.07 0.00	27.27 1.05 0.00	29.42 1.19 0.00	33.26 1.38 0.00	50.25 1.95 0.00	75.18 2.65 0.00	61.86 2.20 0.00	47.04 1.74 0.00	45.39 1.90 0.00	39.29 1.59 0.00	36.82 1.23 0.00
GLENWOOD____4 23550	21.88 1.02 0.00	18.53 0.77 0.00	12.47 0.48 0.00	16.59 0.65 0.00	22.00 0.87 0.00	24.35 0.95 0.00	36.01 1.31 0.00	46.39 1.42 0.00	41.45 1.31 0.00	30.00 1.22 0.00	29.15 1.31 0.00	23.25 1.09 0.00	25.49 1.06 0.00	29.07 1.15 0.00	27.34 1.12 0.00	29.50 1.27 0.00	33.36 1.49 0.00	50.27 1.97 0.00	75.21 2.67 0.00	61.82 2.16 0.00	47.01 1.72 0.00	45.53 2.04 0.00	39.43 1.73 0.00	36.95 1.37 0.00
GLENWOOD____5 23614	21.88 1.02 0.00	18.53 0.77 0.00	12.47 0.48 0.00	16.59 0.65 0.00	22.00 0.87 0.00	24.35 0.95 0.00	36.01 1.31 0.00	46.39 1.42 0.00	41.45 1.31 0.00	30.00 1.22 0.00	29.15 1.31 0.00	23.25 1.09 0.00	25.49 1.06 0.00	29.07 1.15 0.00	27.34 1.12 0.00	29.50 1.27 0.00	33.36 1.49 0.00	50.27 1.97 0.00	75.21 2.67 0.00	61.82 2.16 0.00	47.01 1.72 0.00	45.53 2.04 0.00	39.43 1.73 0.00	36.95 1.37 0.00
GLOBAL GREEN_PORT_GT1 23814	21.58 0.72 0.00	18.25 0.49 0.00	12.21 0.23 0.00	16.28 0.33 0.00	21.96 0.83 0.00	24.55 1.16 0.00	36.08 1.38 0.00	46.83 1.86 0.00	41.81 1.68 0.00	30.27 1.48 0.00	29.07 1.23 0.00	22.92 0.75 0.00	24.96 0.54 0.00	28.40 0.48 0.00	26.69 0.47 0.00	28.62 0.39 0.00	32.36 0.49 0.00	49.20 0.90 0.00	74.02 1.49 0.00	60.39 0.73 0.00	45.82 0.53 0.00	44.87 1.38 0.00	38.94 1.24 0.00	36.55 0.97 0.00
GLOBE____DSASP 323697	15.94 -2.33 2.59	15.77 -1.99 0.00	10.55 -1.42 0.00	14.08 -1.87 0.00	18.47 -2.60 0.06	20.62 -2.76 0.02	28.82 -4.14 1.74	38.33 -4.89 1.75	34.18 -4.38 1.58	25.66 -3.06 0.06	25.22 -2.62 0.00	20.08 -2.08 0.00	22.29 -2.13 0.00	25.47 -2.46 0.00	23.90 -2.32 0.00	25.82 -2.42 0.00	29.14 -2.73 0.00	44.07 -4.23 0.00	65.91 -6.52 0.11	54.38 -5.06 0.22	41.52 -3.77 0.00	39.61 -3.88 0.00	33.86 -3.84 0.00	32.93 -2.65 0.00
GOETHSLN____LBMP 323567	21.88 1.02 0.00	18.53 0.77 0.00	12.48 0.50 0.00	16.61 0.67 0.00	22.00 0.87 0.00	24.32 0.92 0.00	36.09 1.40 0.00	46.62 1.65 0.00	41.65 1.52 0.00	30.11 1.33 0.00	29.15 1.31 0.00	23.31 1.14 0.00	25.56 1.13 0.00	29.13 1.21 0.00	27.40 1.18 0.00	29.57 1.34 0.00	33.39 1.52 0.00	50.43 2.12 0.00	75.33 2.79 0.00	62.05 2.40 0.00	47.12 1.82 0.00	45.41 1.92 0.00	39.31 1.61 0.00	36.82 1.23 0.00
GOLAH____69_KV_TB 1_2 80279	18.21 -0.92 1.73	16.96 -0.80 0.00	11.39 -0.59 0.00	15.20 -0.74 0.00	20.50 -0.65 -0.02	22.81 -0.60 0.00	34.55 -0.70 -0.54	49.89 -0.79 -5.71	43.41 -1.15 -4.42	28.01 -0.96 -0.18	27.09 -0.76 0.00	21.62 -0.55 0.00	23.90 -0.53 0.00	27.28 -0.64 0.00	25.64 -0.57 0.00	27.69 -0.55 0.00	31.27 -0.60 0.00	47.42 -0.89 -0.01	71.66 -1.18 -0.31	59.52 -0.75 -0.60	44.61 -0.69 -0.01	42.58 -0.92 0.00	36.56 -1.14 0.00	34.79 -0.79 0.00
GOODYEAR_LAKE_HYD 323669	22.14 0.33 -0.95	18.00 0.24 0.00	12.15 0.17 0.00	16.19 0.24 0.00	21.49 0.35 0.00	23.78 0.38 0.00	35.34 0.64 0.00	45.78 0.81 0.00	40.79 0.66 0.00	29.22 0.44 0.00	28.31 0.47 0.00	22.57 0.40 0.00	24.86 0.44 0.00	28.46 0.54 0.00	26.71 0.49 0.00	28.82 0.59 0.00	32.52 0.64 0.00	49.53 1.23 0.00	74.12 1.59 0.00	61.05 1.39 0.00	46.28 0.99 0.00	44.39 0.90 0.00	38.41 0.71 0.00	36.22 0.64 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.96 -0.20 -4.30	17.58 -0.18 0.00	11.86 -0.12 0.00	15.78 -0.16 0.00	20.92 -0.20 0.01	23.17 -0.22 0.00	34.16 -0.28 0.27	44.65 -0.32 0.00	39.75 -0.39 0.00	28.56 -0.22 0.00	27.73 -0.11 0.00	22.07 -0.10 0.00	24.25 -0.17 0.00	27.77 -0.15 0.00	26.04 -0.18 0.00	28.08 -0.16 0.00	31.77 -0.10 0.00	48.08 -0.22 0.00	72.17 -0.36 0.00	59.45 -0.21 0.00	45.14 -0.16 0.00	43.24 -0.25 0.00	37.44 -0.26 0.00	35.38 -0.20 0.00





GOWANUS_GT4_5 24134	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.99 0.00	24.46 1.07 0.00	36.36 1.66 0.00	46.97 2.00 0.00	42.02 1.88 0.00	30.37 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.71 1.28 0.00	29.31 1.39 0.00	27.56 1.35 0.00	29.77 1.53 0.00	33.60 1.73 0.00	50.77 2.47 0.00	75.80 3.26 0.00	62.46 2.81 0.00	47.44 2.15 0.00	45.74 2.25 0.00	39.57 1.87 0.00	37.05 1.47 0.00
GOWANUS_GT4_6 24135	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.99 0.00	24.46 1.07 0.00	36.36 1.66 0.00	46.97 2.00 0.00	42.02 1.88 0.00	30.37 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.71 1.28 0.00	29.31 1.39 0.00	27.56 1.35 0.00	29.77 1.53 0.00	33.60 1.73 0.00	50.77 2.47 0.00	75.80 3.26 0.00	62.46 2.81 0.00	47.44 2.15 0.00	45.74 2.25 0.00	39.57 1.87 0.00	37.05 1.47 0.00
GOWANUS_GT4_7 24136	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.99 0.00	24.46 1.07 0.00	36.36 1.66 0.00	46.97 2.00 0.00	42.02 1.88 0.00	30.37 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.71 1.28 0.00	29.31 1.39 0.00	27.56 1.35 0.00	29.77 1.53 0.00	33.60 1.73 0.00	50.77 2.47 0.00	75.80 3.26 0.00	62.46 2.81 0.00	47.44 2.15 0.00	45.74 2.25 0.00	39.57 1.87 0.00	37.05 1.47 0.00
GOWANUS_GT4_8 24137	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.99 0.00	24.46 1.07 0.00	36.36 1.66 0.00	46.97 2.00 0.00	42.02 1.88 0.00	30.37 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.71 1.28 0.00	29.31 1.39 0.00	27.56 1.35 0.00	29.77 1.53 0.00	33.60 1.73 0.00	50.77 2.47 0.00	75.80 3.26 0.00	62.46 2.81 0.00	47.44 2.15 0.00	45.74 2.25 0.00	39.57 1.87 0.00	37.05 1.47 0.00
GREATVR_69_KV_BK1 356245	22.10 1.24 0.00	18.69 0.93 0.00	12.56 0.57 0.00	16.71 0.77 0.00	22.21 1.08 0.00	24.67 1.28 0.00	36.34 1.64 0.00	46.93 1.96 0.00	41.93 1.80 0.00	30.45 1.67 0.00	29.46 1.62 0.00	23.36 1.19 0.00	25.52 1.10 0.00	29.01 1.09 0.00	27.29 1.07 0.00	29.46 1.23 0.00	33.47 1.60 0.00	50.75 2.45 0.00	76.07 3.53 0.00	62.30 2.64 0.00	47.50 2.20 0.00	46.15 2.66 0.00	39.97 2.27 0.00	37.45 1.86 0.00
GREENBSH_115KV_TB3 55895	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.84 0.87 0.00	40.81 0.67 0.00	29.24 0.46 0.00	28.23 0.39 0.00	22.47 0.30 0.00	24.72 0.30 0.00	28.21 0.29 0.00	26.50 0.28 0.00	28.53 0.30 0.00	32.28 0.41 0.00	48.95 0.64 0.00	73.61 1.07 0.00	60.38 0.72 0.00	45.89 0.59 0.00	44.29 0.80 0.00	38.32 0.62 0.00	36.12 0.53 0.00
GREENDGE_115KV_TB5 80291	14.62 -0.77 5.47	17.11 -0.65 0.00	11.54 -0.44 0.00	15.38 -0.57 0.00	20.41 -0.71 0.01	22.70 -0.69 0.00	33.62 -0.83 0.25	44.16 -0.81 0.00	39.14 -0.99 0.00	27.79 -1.00 0.00	26.90 -0.94 0.00	21.44 -0.72 0.00	23.71 -0.71 0.00	27.28 -0.64 0.00	25.64 -0.58 0.00	27.72 -0.52 0.00	31.46 -0.41 0.00	47.76 -0.54 0.00	71.92 -0.62 0.00	59.34 -0.31 0.00	45.06 -0.23 0.00	42.93 -0.56 0.00	37.03 -0.67 0.00	35.13 -0.45 0.00
GREENIDGE__3 23582	14.62 -0.77 5.47	17.11 -0.65 0.00	11.54 -0.44 0.00	15.38 -0.57 0.00	20.41 -0.71 0.01	22.70 -0.69 0.00	33.62 -0.83 0.25	44.16 -0.81 0.00	39.14 -0.99 0.00	27.79 -1.00 0.00	26.90 -0.94 0.00	21.44 -0.72 0.00	23.71 -0.71 0.00	27.28 -0.64 0.00	25.64 -0.58 0.00	27.72 -0.52 0.00	31.46 -0.41 0.00	47.76 -0.54 0.00	71.92 -0.62 0.00	59.34 -0.31 0.00	45.06 -0.23 0.00	42.93 -0.56 0.00	37.03 -0.67 0.00	35.13 -0.45 0.00
GREENIDGE__4 23583	14.62 -0.77 5.47	17.11 -0.65 0.00	11.54 -0.44 0.00	15.38 -0.56 0.00	20.42 -0.71 0.01	22.70 -0.69 0.00	33.79 -0.83 0.08	44.55 -0.81 -0.39	39.66 -1.00 -0.52	27.79 -0.99 0.00	26.90 -0.94 0.00	21.44 -0.72 0.00	23.71 -0.71 0.00	27.28 -0.64 0.00	25.64 -0.58 0.00	27.72 -0.52 0.00	31.46 -0.41 0.00	49.74 -0.54 -1.98	77.28 -0.67 -5.41	68.35 -0.41 -9.10	51.78 -0.29 -6.77	50.36 -0.58 -7.44	40.28 -0.70 -3.28	43.70 -0.45 -8.56
GREENLWN_69_KV_BK 3 55738	21.79 0.93 0.00	18.45 0.69 0.00	12.40 0.41 0.00	16.50 0.56 0.00	21.91 0.78 0.00	24.29 0.89 0.00	35.68 0.98 0.00	46.00 1.03 0.00	41.16 1.03 0.00	29.93 1.15 0.00	29.04 1.20 0.00	23.11 0.94 0.00	25.30 0.87 0.00	28.84 0.92 0.00	27.13 0.92 0.00	29.28 1.05 0.00	33.19 1.32 0.00	50.14 1.84 0.00	74.90 2.36 0.00	61.45 1.80 0.00	46.87 1.58 0.00	45.45 1.96 0.00	39.40 1.70 0.00	36.94 1.36 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.99 0.00	24.46 1.07 0.00	36.36 1.66 0.00	46.97 2.00 0.00	42.02 1.88 0.00	30.37 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.71 1.28 0.00	29.31 1.39 0.00	27.56 1.35 0.00	29.77 1.53 0.00	33.60 1.73 0.00	50.77 2.47 0.00	75.80 3.26 0.00	62.46 2.81 0.00	47.44 2.15 0.00	45.74 2.25 0.00	39.57 1.87 0.00	37.05 1.47 0.00
GRISSOM__SOLAR 323813	21.57 0.71 0.00	18.33 0.57 0.00	12.36 0.38 0.00	16.47 0.52 0.00	21.85 0.72 0.00	24.26 0.86 0.00	36.12 1.42 0.00	46.91 1.95 0.00	41.27 1.13 0.00	28.82 0.03 0.00	27.50 -0.34 0.00	21.90 -0.27 0.00	24.17 -0.25 0.00	27.64 -0.28 0.00	26.13 -0.08 0.00	28.82 0.59 0.00	32.69 0.81 0.00	49.74 1.44 0.00	75.52 2.98 0.00	62.37 2.71 0.00	47.31 2.01 0.00	45.36 1.86 0.00	39.19 1.49 0.00	36.94 1.36 0.00
GROVEVILLE__HYD 323602	21.84 0.98 0.00	18.52 0.76 0.00	12.47 0.48 0.00	16.59 0.65 0.00	21.99 0.85 0.00	24.32 0.92 0.00	36.14 1.44 0.00	46.83 1.86 0.00	41.72 1.58 0.00	29.96 1.18 0.00	28.91 1.07 0.00	23.06 0.89 0.00	25.28 0.86 0.00	28.84 0.91 0.00	27.10 0.88 0.00	29.26 1.02 0.00	33.09 1.22 0.00	50.22 1.92 0.00	75.38 2.85 0.00	62.07 2.41 0.00	47.12 1.82 0.00	45.36 1.87 0.00	39.19 1.49 0.00	36.75 1.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.11 -0.18 0.56	17.60 -0.16 0.00	11.86 -0.11 0.00	15.78 -0.16 0.00	20.93 -0.21 0.00	23.17 -0.23 0.00	34.43 -0.27 0.00	44.68 -0.29 0.00	39.76 -0.38 0.00	28.46 -0.32 0.00	27.59 -0.25 0.00	21.99 -0.18 0.00	24.23 -0.19 0.00	27.71 -0.21 0.00	26.02 -0.20 0.00	28.04 -0.20 0.00	31.64 -0.23 0.00	47.98 -0.32 0.00	72.07 -0.46 0.00	59.35 -0.31 0.00	45.13 -0.17 0.00	43.25 -0.24 0.00	37.40 -0.29 0.00	35.29 -0.29 0.00
HAMLTNNY_34_KV_TB 80303	19.93 -0.20 0.73	17.59 -0.17 0.00	11.85 -0.13 0.00	15.76 -0.18 0.00	20.92 -0.21 0.00	23.16 -0.24 0.00	34.42 -0.28 0.00	44.72 -0.25 0.00	39.74 -0.40 0.00	28.42 -0.37 0.00	27.53 -0.30 0.00	21.90 -0.27 0.00	24.19 -0.24 0.00	27.67 -0.25 0.00	25.98 -0.24 0.00	27.98 -0.26 0.00	31.63 -0.24 0.00	48.01 -0.29 0.00	72.10 -0.43 0.00	59.40 -0.27 0.00	45.19 -0.11 0.00	43.27 -0.22 0.00	37.41 -0.29 0.00	35.30 -0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	19.98 -0.87 0.00	17.04 -0.72 0.00	11.51 -0.47 0.00	15.35 -0.60 0.00	20.38 -0.75 0.00	22.82 -0.58 0.00	34.10 -0.60 0.00	44.33 -0.64 0.00	39.30 -0.84 0.00	28.01 -0.78 0.00	27.20 -0.64 0.00	21.60 -0.57 0.00	24.03 -0.39 0.00	27.73 -0.19 0.00	25.97 -0.25 0.00	27.99 -0.25 0.00	31.14 -0.72 0.00	47.44 -0.86 0.00	72.28 -0.25 0.00	59.78 0.12 0.00	45.08 -0.22 0.00	43.35 -0.14 0.00	37.86 0.16 0.00	35.56 -0.02 0.00
HARDSCRABBLE_WT_PWR 323673	20.93 0.08 0.00	17.83 0.07 0.00	12.02 0.04 0.00	15.99 0.05 0.00	21.25 0.11 0.00	23.49 0.09 0.00	35.08 0.37 0.00	45.47 0.50 0.00	40.06 -0.08 0.00	28.24 -0.55 0.00	27.08 -0.76 0.00	21.52 -0.64 0.00	23.74 -0.68 0.00	27.02 -0.90 0.00	25.53 -0.68 0.00	27.80 -0.44 0.00	31.63 -0.24 0.00	48.07 -0.23 0.00	72.94 0.40 0.00	60.00 0.34 0.00	45.53 0.23 0.00	43.82 0.33 0.00	37.82 0.12 0.00	35.55 -0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.68 0.82 0.00	18.38 0.62 0.00	12.38 0.40 0.00	16.48 0.54 0.00	21.82 0.69 0.00	24.13 0.73 0.00	35.85 1.16 0.00	46.43 1.46 0.00	41.39 1.26 0.00	29.77 0.98 0.00	28.76 0.92 0.00	22.97 0.80 0.00	25.19 0.76 0.00	28.75 0.82 0.00	27.04 0.82 0.00	29.21 0.97 0.00	33.05 1.18 0.00	50.10 1.79 0.00	75.07 2.54 0.00	61.82 2.16 0.00	46.89 1.59 0.00	45.16 1.68 0.00	39.04 1.34 0.00	36.59 1.01 0.00
HARSNRAD_115KV_TB1 81005	16.23 -2.09 2.53	15.93 -1.83 0.00	10.68 -1.31 0.00	14.23 -1.71 0.00	18.85 -2.22 0.05	21.07 -2.31 0.02	29.72 -3.42 1.56	34.40 -3.82 6.74	31.79 -3.46 4.89	26.12 -2.46 0.20	25.80 -2.04 0.00	20.56 -1.61 0.00	22.79 -1.63 0.00	26.08 -1.84 0.00	24.48 -1.74 0.00	26.49 -1.75 0.00	29.93 -1.94 0.00	45.21 -3.09 0.01	67.55 -4.64 0.34	55.38 -3.62 0.67	42.39 -2.90 0.01	40.43 -3.06 0.00	34.64 -3.06 0.01	33.54 -2.05 0.00
HARZA MOOSE___RIVER 24016	20.37 -0.49 0.00	17.35 -0.41 0.00	11.70 -0.28 0.00	15.58 -0.37 0.00	20.70 -0.43 0.00	23.07 -0.32 0.00	34.53 -0.17 0.00	44.82 -0.14 0.00	39.64 -0.50 0.00	28.34 -0.45 0.00	27.63 -0.21 0.00	21.98 -0.19 0.00	24.34 -0.09 0.00	27.94 0.02 0.00	26.24 0.03 0.00	28.39 0.15 0.00	31.79 -0.08 0.00	48.58 0.28 0.00	73.93 1.40 0.00	61.13 1.47 0.00	46.02 0.72 0.00	44.19 0.71 0.00	38.42 0.72 0.00	36.00 0.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.57 -0.29 0.00	17.51 -0.25 0.00	11.81 -0.17 0.00	15.72 -0.23 0.00	20.82 -0.31 0.00	23.06 -0.34 0.00	34.23 -0.47 0.00	44.42 -0.55 0.00	39.56 -0.58 0.00	28.34 -0.44 0.00	27.49 -0.35 0.00	21.92 -0.24 0.00	24.15 -0.28 0.00	27.62 -0.31 0.00	25.92 -0.30 0.00	27.91 -0.32 0.00	31.49 -0.37 0.00	47.75 -0.55 0.00	71.75 -0.78 0.00	59.08 -0.58 0.00	44.88 -0.42 0.00	43.01 -0.48 0.00	37.21 -0.49 0.00	35.13 -0.46 0.00
HELLGATE_13_KV_LD 55870	22.13 1.27 0.00	18.75 0.99 0.00	12.62 0.64 0.00	16.79 0.84 0.00	22.25 1.12 0.00	24.61 1.21 0.00	36.51 1.80 0.00	47.19 2.22 0.00	42.22 2.09 0.00	30.53 1.74 0.00	29.54 1.70 0.00	23.62 1.45 0.00	25.89 1.46 0.00	29.51 1.59 0.00	27.75 1.54 0.00	29.96 1.73 0.00	33.82 1.95 0.00	51.08 2.78 0.00	76.25 3.72 0.00	62.77 3.11 0.00	47.66 2.37 0.00	45.95 2.46 0.00	39.78 2.08 0.00	37.25 1.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.13 1.27 0.00	18.75 0.99 0.00	12.62 0.64 0.00	16.79 0.84 0.00	22.25 1.12 0.00	24.61 1.21 0.00	36.51 1.80 0.00	47.19 2.22 0.00	42.22 2.09 0.00	30.53 1.74 0.00	29.54 1.70 0.00	23.62 1.45 0.00	25.89 1.46 0.00	29.51 1.59 0.00	27.75 1.54 0.00	29.96 1.73 0.00	33.82 1.95 0.00	51.08 2.78 0.00	76.25 3.72 0.00	62.77 3.11 0.00	47.66 2.37 0.00	45.95 2.46 0.00	39.78 2.08 0.00	37.25 1.66 0.00
HEMPSTEAD___ 23647	21.75 0.90 0.00	18.43 0.67 0.00	12.39 0.40 0.00	16.49 0.54 0.00	21.88 0.75 0.00	24.21 0.81 0.00	35.74 1.03 0.00	46.12 1.15 0.00	41.21 1.07 0.00	29.87 1.08 0.00	28.96 1.12 0.00	23.09 0.92 0.00	25.29 0.87 0.00	28.85 0.92 0.00	27.15 0.93 0.00	29.29 1.05 0.00	33.15 1.28 0.00	50.02 1.72 0.00	74.86 2.32 0.00	61.52 1.86 0.00	46.84 1.54 0.00	45.32 1.83 0.00	39.25 1.55 0.00	36.78 1.20 0.00
HICKLING___1 23621	10.52 -1.11 9.22	16.83 -0.93 0.00	11.37 -0.61 0.00	15.16 -0.79 0.00	20.09 -1.02 0.02	22.34 -1.05 0.00	32.78 -1.43 0.49	41.70 -1.70 1.57	37.03 -1.70 1.41	27.24 -1.49 0.06	26.66 -1.18 0.00	21.30 -0.86 0.00	23.55 -0.87 0.00	27.07 -0.85 0.00	25.43 -0.79 0.00	27.54 -0.70 0.00	31.23 -0.64 0.00	47.17 -1.13 0.00	70.66 -1.78 0.10	58.15 -1.32 0.19	44.32 -0.98 0.00	42.22 -1.27 0.00	36.50 -1.20 0.00	34.66 -0.92 0.00
HICKLING___2 23622	10.52 -1.11 9.22	16.83 -0.93 0.00	11.37 -0.61 0.00	15.16 -0.79 0.00	20.09 -1.02 0.02	22.34 -1.05 0.00	32.78 -1.43 0.49	41.70 -1.70 1.57	37.03 -1.70 1.41	27.24 -1.49 0.06	26.66 -1.18 0.00	21.30 -0.86 0.00	23.55 -0.87 0.00	27.07 -0.85 0.00	25.43 -0.79 0.00	27.54 -0.70 0.00	31.23 -0.64 0.00	47.17 -1.13 0.00	70.66 -1.78 0.10	58.15 -1.32 0.19	44.32 -0.98 0.00	42.22 -1.27 0.00	36.50 -1.20 0.00	34.66 -0.92 0.00
HIGH FALLS___HY 23754	21.69 0.83 0.00	18.39 0.63 0.00	12.39 0.40 0.00	16.50 0.55 0.00	21.86 0.73 0.00	24.18 0.78 0.00	35.94 1.24 0.00	46.57 1.61 0.00	41.51 1.37 0.00	29.80 1.01 0.00	28.71 0.87 0.00	22.88 0.71 0.00	25.06 0.63 0.00	28.55 0.62 0.00	26.82 0.60 0.00	29.01 0.77 0.00	32.75 0.88 0.00	49.80 1.50 0.00	74.81 2.27 0.00	61.69 2.03 0.00	46.82 1.52 0.00	45.06 1.57 0.00	38.94 1.24 0.00	36.51 0.92 0.00
HIGH_RIVER___SOLAR 323847	21.37 0.51 0.00	18.18 0.42 0.00	12.26 0.28 0.00	16.31 0.37 0.00	21.63 0.50 0.00	23.97 0.57 0.00	35.61 0.91 0.00	46.18 1.21 0.00	40.85 0.72 0.00	28.84 0.05 0.00	27.60 -0.24 0.00	21.95 -0.22 0.00	24.17 -0.25 0.00	27.61 -0.31 0.00	26.11 -0.11 0.00	28.46 0.23 0.00	32.37 0.50 0.00	49.11 0.81 0.00	74.29 1.76 0.00	61.22 1.56 0.00	46.46 1.16 0.00	44.65 1.16 0.00	38.62 0.92 0.00	36.41 0.82 0.00
HILLBURN___GT 23639	21.64 0.79 0.00	18.34 0.58 0.00	12.35 0.37 0.00	16.44 0.49 0.00	21.76 0.63 0.00	24.05 0.66 0.00	35.75 1.05 0.00	46.28 1.31 0.00	41.28 1.14 0.00	29.74 0.95 0.00	28.75 0.91 0.00	22.99 0.82 0.00	25.20 0.78 0.00	28.77 0.84 0.00	27.04 0.83 0.00	29.21 0.98 0.00	33.01 1.14 0.00	49.94 1.64 0.00	74.76 2.22 0.00	61.59 1.93 0.00	46.74 1.44 0.00	45.05 1.56 0.00	38.97 1.27 0.00	36.50 0.91 0.00
HILLSIDE_115KV_TB1 80332	9.11 -1.10 10.65	16.85 -0.92 0.00	11.37 -0.61 0.00	15.14 -0.80 0.00	20.06 -1.05 0.02	22.28 -1.11 0.00	32.64 -1.59 0.47	41.50 -1.98 1.49	36.88 -1.91 1.34	27.25 -1.48 0.06	26.68 -1.16 0.00	21.30 -0.87 0.00	23.45 -0.98 0.00	26.90 -1.03 0.00	25.21 -1.01 0.00	27.25 -0.99 0.00	30.88 -0.99 0.00	46.54 -1.76 0.00	69.72 -2.72 0.09	57.30 -2.17 0.18	43.69 -1.61 0.00	41.68 -1.81 0.00	36.10 -1.60 0.00	34.20 -1.39 0.00

HISHELDN_WT_PWR 323625	14.85 -2.17 3.83	15.96 -1.80 0.00	10.74 -1.24 0.00	14.33 -1.61 0.00	18.95 -2.13 0.04	21.18 -2.20 0.01	29.82 -3.16 1.72	35.16 -3.51 6.30	31.72 -3.27 5.14	26.17 -2.46 0.16	25.81 -2.03 0.00	20.62 -1.55 0.00	22.82 -1.61 0.00	26.32 -1.61 0.00	24.76 -1.45 0.00	26.86 -1.38 0.00	30.42 -1.45 0.00	41.35 -2.33 4.62	55.99 -3.64 12.90	34.96 -2.92 21.79	27.13 -2.35 15.82	23.63 -2.48 17.38	27.54 -2.49 7.67	15.23 -1.60 18.75
HOLTSVILLE_IC_1 23690	21.72 0.86 0.00	18.38 0.62 0.00	12.34 0.36 0.00	16.43 0.48 0.00	21.87 0.74 0.00	24.28 0.89 0.00	35.65 0.95 0.00	45.97 1.00 0.00	41.04 0.91 0.00	29.90 1.11 0.00	28.89 1.05 0.00	22.92 0.75 0.00	25.05 0.63 0.00	28.68 0.76 0.00	27.00 0.79 0.00	29.13 0.89 0.00	33.05 1.18 0.00	50.06 1.75 0.00	74.98 2.45 0.00	61.37 1.71 0.00	46.75 1.45 0.00	45.48 1.99 0.00	39.45 1.75 0.00	37.00 1.41 0.00
HOLTSVILLE_IC_10 23699	21.96 1.11 0.00	18.57 0.81 0.00	12.47 0.49 0.00	16.60 0.66 0.00	22.08 0.95 0.00	24.53 1.13 0.00	36.10 1.40 0.00	46.65 1.69 0.00	41.67 1.53 0.00	30.28 1.49 0.00	29.26 1.42 0.00	23.20 1.03 0.00	25.34 0.92 0.00	28.76 0.84 0.00	27.06 0.84 0.00	29.19 0.95 0.00	33.14 1.27 0.00	50.25 1.94 0.00	75.34 2.81 0.00	61.63 1.97 0.00	46.94 1.64 0.00	45.68 2.19 0.00	39.63 1.93 0.00	37.16 1.58 0.00
HOLTSVILLE_IC_2 23691	21.72 0.86 0.00	18.38 0.62 0.00	12.34 0.36 0.00	16.43 0.48 0.00	21.87 0.74 0.00	24.28 0.89 0.00	35.65 0.95 0.00	45.97 1.00 0.00	41.04 0.91 0.00	29.90 1.11 0.00	28.89 1.05 0.00	22.92 0.75 0.00	25.05 0.63 0.00	28.68 0.76 0.00	27.00 0.79 0.00	29.13 0.89 0.00	33.05 1.18 0.00	50.06 1.75 0.00	74.98 2.45 0.00	61.37 1.71 0.00	46.75 1.45 0.00	45.48 1.99 0.00	39.45 1.75 0.00	37.00 1.41 0.00
HOLTSVILLE_IC_3 23692	21.72 0.86 0.00	18.38 0.62 0.00	12.34 0.36 0.00	16.43 0.48 0.00	21.87 0.74 0.00	24.28 0.89 0.00	35.65 0.95 0.00	45.97 1.00 0.00	41.04 0.91 0.00	29.90 1.11 0.00	28.89 1.05 0.00	22.92 0.75 0.00	25.05 0.63 0.00	28.68 0.76 0.00	27.00 0.79 0.00	29.13 0.89 0.00	33.05 1.18 0.00	50.06 1.75 0.00	74.98 2.45 0.00	61.37 1.71 0.00	46.75 1.45 0.00	45.48 1.99 0.00	39.45 1.75 0.00	37.00 1.41 0.00
HOLTSVILLE_IC_4 23693	21.72 0.86 0.00	18.38 0.62 0.00	12.34 0.36 0.00	16.43 0.48 0.00	21.87 0.74 0.00	24.28 0.89 0.00	35.65 0.95 0.00	45.97 1.00 0.00	41.04 0.91 0.00	29.90 1.11 0.00	28.89 1.05 0.00	22.92 0.75 0.00	25.05 0.63 0.00	28.68 0.76 0.00	27.00 0.79 0.00	29.13 0.89 0.00	33.05 1.18 0.00	50.06 1.75 0.00	74.98 2.45 0.00	61.37 1.71 0.00	46.75 1.45 0.00	45.48 1.99 0.00	39.45 1.75 0.00	37.00 1.41 0.00
HOLTSVILLE_IC_5 23694	21.72 0.86 0.00	18.38 0.62 0.00	12.34 0.36 0.00	16.43 0.48 0.00	21.87 0.74 0.00	24.28 0.89 0.00	35.65 0.95 0.00	45.97 1.00 0.00	41.04 0.91 0.00	29.90 1.11 0.00	28.89 1.05 0.00	22.92 0.75 0.00	25.05 0.63 0.00	28.68 0.76 0.00	27.00 0.79 0.00	29.13 0.89 0.00	33.05 1.18 0.00	50.06 1.75 0.00	74.98 2.45 0.00	61.37 1.71 0.00	46.75 1.45 0.00	45.48 1.99 0.00	39.45 1.75 0.00	37.00 1.41 0.00
HOLTSVILLE_IC_6 23695	21.96 1.11 0.00	18.57 0.81 0.00	12.47 0.49 0.00	16.60 0.66 0.00	22.08 0.95 0.00	24.53 1.13 0.00	36.10 1.40 0.00	46.65 1.69 0.00	41.67 1.53 0.00	30.28 1.49 0.00	29.26 1.42 0.00	23.20 1.03 0.00	25.34 0.92 0.00	28.76 0.84 0.00	27.06 0.84 0.00	29.19 0.95 0.00	33.14 1.27 0.00	50.25 1.94 0.00	75.34 2.81 0.00	61.63 1.97 0.00	46.94 1.64 0.00	45.68 2.19 0.00	39.63 1.93 0.00	37.16 1.58 0.00
HOLTSVILLE_IC_7 23696	21.96 1.11 0.00	18.57 0.81 0.00	12.47 0.49 0.00	16.60 0.66 0.00	22.08 0.95 0.00	24.53 1.13 0.00	36.10 1.40 0.00	46.65 1.69 0.00	41.67 1.53 0.00	30.28 1.49 0.00	29.26 1.42 0.00	23.20 1.03 0.00	25.34 0.92 0.00	28.76 0.84 0.00	27.06 0.84 0.00	29.19 0.95 0.00	33.14 1.27 0.00	50.25 1.94 0.00	75.34 2.81 0.00	61.63 1.97 0.00	46.94 1.64 0.00	45.68 2.19 0.00	39.63 1.93 0.00	37.16 1.58 0.00
HOLTSVILLE_IC_8 23697	21.96 1.11 0.00	18.57 0.81 0.00	12.47 0.49 0.00	16.60 0.66 0.00	22.08 0.95 0.00	24.53 1.13 0.00	36.10 1.40 0.00	46.65 1.69 0.00	41.67 1.53 0.00	30.28 1.49 0.00	29.26 1.42 0.00	23.20 1.03 0.00	25.34 0.92 0.00	28.76 0.84 0.00	27.06 0.84 0.00	29.19 0.95 0.00	33.14 1.27 0.00	50.25 1.94 0.00	75.34 2.81 0.00	61.63 1.97 0.00	46.94 1.64 0.00	45.68 2.19 0.00	39.63 1.93 0.00	37.16 1.58 0.00
HOLTSVILLE_IC_9 23698	21.96 1.11 0.00	18.57 0.81 0.00	12.47 0.49 0.00	16.60 0.66 0.00	22.08 0.95 0.00	24.53 1.13 0.00	36.10 1.40 0.00	46.65 1.69 0.00	41.67 1.53 0.00	30.28 1.49 0.00	29.26 1.42 0.00	23.20 1.03 0.00	25.34 0.92 0.00	28.76 0.84 0.00	27.06 0.84 0.00	29.19 0.95 0.00	33.14 1.27 0.00	50.25 1.94 0.00	75.34 2.81 0.00	61.63 1.97 0.00	46.94 1.64 0.00	45.68 2.19 0.00	39.63 1.93 0.00	37.16 1.58 0.00
HOMER_HL_115KV_TB2 355744	18.65 -0.95 1.25	16.95 -0.81 0.00	11.39 -0.59 0.00	15.18 -0.76 0.00	20.08 -1.00 0.05	22.30 -1.08 0.02	31.68 -1.56 1.45	37.58 -1.40 5.99	34.33 -1.40 4.41	27.52 -1.08 0.18	27.22 -0.62 0.00	21.84 -0.33 0.00	24.02 -0.41 0.00	27.55 -0.38 0.00	25.91 -0.31 0.00	27.92 -0.31 0.00	31.55 -0.32 0.00	47.75 -0.54 0.01	71.35 -0.87 0.31	58.32 -0.74 0.60	44.44 -0.85 0.01	42.34 -1.15 0.00	36.55 -1.15 0.00	35.11 -0.47 0.00
HOWARD_WT_PWR 323690	12.06 -2.65 6.15	15.55 -2.21 0.00	10.59 -1.39 0.00	14.17 -1.77 0.00	18.80 -2.31 0.02	20.99 -2.40 0.00	31.16 -3.20 0.35	40.12 -3.73 1.12	35.57 -3.74 0.83	25.93 -2.80 0.06	25.42 -2.42 0.00	20.36 -1.81 0.00	22.48 -1.95 0.00	26.07 -1.85 0.00	24.78 -1.44 0.00	27.09 -1.15 0.00	30.89 -0.98 0.00	48.66 -1.55 -1.91	75.58 -2.08 -5.13	66.81 -1.47 -8.61	50.54 -1.31 -6.54	48.64 -2.04 -7.19	38.94 -1.93 -3.17	42.83 -1.21 -8.45
HQ_GEN_CEDARS 23644	20.81 -0.05 0.00	17.76 0.00 0.00	12.01 0.02 0.00	16.01 0.07 0.00	21.23 0.09 0.00	23.71 0.31 0.00	35.16 0.46 0.00	45.75 0.78 0.00	40.87 0.73 0.00	29.19 0.41 0.00	28.18 0.34 0.00	22.35 0.18 0.00	24.80 0.38 0.00	28.53 0.60 0.00	26.70 0.49 0.00	28.70 0.46 0.00	32.14 0.27 0.00	48.67 0.37 0.00	73.23 0.69 0.00	60.23 0.57 0.00	45.73 0.43 0.00	43.81 0.32 0.00	38.18 0.48 0.00	36.16 0.57 0.00
HQ_GEN_CEDARS_PROXY 323590	20.81 -0.05 0.00	17.76 0.00 0.00	12.01 0.02 0.00	16.01 0.07 0.00	21.23 0.09 0.00	23.71 0.31 0.00	35.16 0.46 0.00	48.51 0.75 -2.78	40.87 0.73 0.00	29.19 0.40 0.00	28.18 0.34 0.00	22.35 0.18 0.00	24.80 0.37 0.00	28.53 0.60 0.00	26.70 0.49 0.00	28.70 0.46 0.00	32.14 0.27 0.00	48.67 0.37 0.00	73.24 0.70 0.00	60.25 0.59 0.00	45.75 0.45 0.00	43.81 0.32 0.00	38.18 0.49 0.00	36.16 0.57 0.00

HQ_GEN_CHPE_PROXY 323851	21.94 1.09 0.00	18.59 0.83 0.00	12.51 0.53 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.00 0.00	36.40 1.52 -0.17	50.62 1.86 -3.79	41.83 1.69 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.39 1.22 0.00	25.65 1.23 0.00	29.24 1.32 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.11 2.31 0.50	75.62 3.09 0.00	62.25 2.59 0.00	47.29 1.99 0.00	45.53 2.05 0.00	39.42 1.72 0.00	36.93 1.34 0.00
HQ_GEN_IMPORT 323601	20.89 0.04 0.00	17.81 0.05 0.00	12.03 0.05 0.00	16.02 0.08 0.00	21.23 0.10 0.00	23.55 0.15 0.00	35.08 0.21 -0.17	49.07 0.31 -3.79	40.49 0.35 0.00	29.02 0.23 0.00	28.05 0.21 0.00	22.30 0.14 0.00	24.62 0.19 0.00	28.20 0.27 0.00	26.45 0.23 0.00	28.46 0.23 0.00	32.08 0.21 0.00	48.10 0.30 0.50	72.93 0.40 0.00	59.97 0.31 0.00	45.55 0.25 0.00	43.64 0.15 0.00	37.89 0.20 0.00	35.84 0.25 0.00
HQ_GEN_WHEEL 23651	20.89 0.04 0.00	17.81 0.05 0.00	12.03 0.05 0.00	16.02 0.08 0.00	21.23 0.10 0.00	23.55 0.15 0.00	35.08 0.21 -0.17	49.07 0.31 -3.79	40.49 0.35 0.00	29.02 0.23 0.00	28.05 0.21 0.00	22.30 0.14 0.00	24.62 0.19 0.00	28.20 0.27 0.00	26.45 0.23 0.00	28.46 0.23 0.00	32.08 0.21 0.00	48.10 0.30 0.50	72.93 0.40 0.00	59.97 0.31 0.00	45.55 0.25 0.00	43.64 0.15 0.00	37.89 0.20 0.00	35.84 0.25 0.00
HUDSON_AVE_GT_3 23810	21.97 1.11 0.00	18.60 0.85 0.00	12.52 0.55 0.00	16.67 0.73 0.00	22.08 0.95 0.00	24.42 1.02 0.00	36.26 1.56 0.00	46.88 1.92 0.00	41.88 1.75 0.00	30.28 1.50 0.00	29.30 1.46 0.00	23.43 1.26 0.00	25.69 1.26 0.00	29.27 1.35 0.00	27.53 1.32 0.00	29.71 1.48 0.00	33.56 1.69 0.00	50.70 2.40 0.00	75.72 3.19 0.00	62.34 2.68 0.00	47.35 2.05 0.00	45.61 2.12 0.00	39.48 1.78 0.00	36.99 1.40 0.00
HUDSON_AVE_GT_4 23540	21.97 1.11 0.00	18.60 0.85 0.00	12.52 0.55 0.00	16.67 0.73 0.00	22.08 0.95 0.00	24.42 1.02 0.00	36.26 1.56 0.00	46.88 1.92 0.00	41.88 1.75 0.00	30.28 1.50 0.00	29.30 1.46 0.00	23.43 1.26 0.00	25.69 1.26 0.00	29.27 1.35 0.00	27.53 1.32 0.00	29.71 1.48 0.00	33.56 1.69 0.00	50.70 2.40 0.00	75.72 3.19 0.00	62.34 2.68 0.00	47.35 2.05 0.00	45.61 2.12 0.00	39.48 1.78 0.00	36.99 1.40 0.00
HUDSON_AVE_GT_5 23657	21.97 1.11 0.00	18.60 0.85 0.00	12.52 0.55 0.00	16.67 0.73 0.00	22.08 0.95 0.00	24.42 1.02 0.00	36.26 1.56 0.00	46.88 1.92 0.00	41.88 1.75 0.00	30.28 1.50 0.00	29.30 1.46 0.00	23.43 1.26 0.00	25.69 1.26 0.00	29.27 1.35 0.00	27.53 1.32 0.00	29.71 1.48 0.00	33.56 1.69 0.00	50.70 2.40 0.00	75.72 3.19 0.00	62.34 2.68 0.00	47.35 2.05 0.00	45.61 2.12 0.00	39.48 1.78 0.00	36.99 1.40 0.00
HUDSON_AVE_10 24168	21.91 1.06 0.00	18.56 0.80 0.00	12.49 0.51 0.00	16.63 0.69 0.00	22.02 0.89 0.00	24.35 0.95 0.00	36.14 1.44 0.00	46.72 1.75 0.00	41.74 1.60 0.00	30.20 1.41 0.00	29.20 1.36 0.00	23.35 1.17 0.00	25.61 1.19 0.00	29.19 1.26 0.00	27.43 1.22 0.00	29.61 1.38 0.00	33.43 1.56 0.00	50.50 2.20 0.00	75.43 2.90 0.00	62.11 2.45 0.00	47.17 1.87 0.00	45.44 1.95 0.00	39.35 1.65 0.00	36.86 1.27 0.00
HUDSON___115KV_TB 4 355613	21.71 0.86 0.00	18.47 0.71 0.00	12.45 0.47 0.00	16.55 0.61 0.00	21.94 0.81 0.00	24.28 0.88 0.00	36.07 1.37 0.00	46.80 1.83 0.00	41.52 1.38 0.00	29.49 0.70 0.00	28.35 0.51 0.00	22.53 0.36 0.00	24.78 0.35 0.00	28.28 0.36 0.00	26.59 0.37 0.00	28.69 0.45 0.00	32.65 0.78 0.00	49.75 1.44 0.00	74.82 2.29 0.00	61.56 1.90 0.00	46.77 1.47 0.00	45.07 1.58 0.00	38.94 1.24 0.00	36.66 1.07 0.00
HUNTER MOUNT___DRP 323613	21.79 0.94 0.00	18.53 0.77 0.00	12.49 0.51 0.00	16.61 0.67 0.00	22.03 0.90 0.00	24.39 0.99 0.00	36.26 1.56 0.00	47.09 2.13 0.00	41.75 1.61 0.00	29.61 0.82 0.00	28.41 0.58 0.00	22.57 0.40 0.00	24.81 0.39 0.00	28.32 0.40 0.00	26.62 0.40 0.00	28.76 0.52 0.00	32.73 0.86 0.00	49.99 1.69 0.00	75.22 2.68 0.00	61.88 2.22 0.00	46.99 1.70 0.00	45.27 1.78 0.00	39.09 1.39 0.00	36.79 1.20 0.00
HUNTINGTON_RES_REC 323705	21.84 0.98 0.00	18.47 0.71 0.00	12.41 0.43 0.00	16.52 0.58 0.00	21.95 0.82 0.00	24.36 0.96 0.00	35.81 1.11 0.00	46.21 1.24 0.00	41.31 1.17 0.00	30.03 1.24 0.00	29.08 1.24 0.00	23.10 0.92 0.00	25.25 0.83 0.00	28.74 0.82 0.00	27.05 0.83 0.00	29.18 0.95 0.00	33.11 1.24 0.00	50.13 1.83 0.00	75.06 2.52 0.00	61.54 1.88 0.00	46.93 1.63 0.00	45.54 2.06 0.00	39.50 1.80 0.00	37.01 1.42 0.00
HUNTLEY___63 23557	16.30 -1.91 2.64	16.12 -1.64 0.00	10.79 -1.19 0.00	14.39 -1.56 0.00	18.97 -2.10 0.07	21.21 -2.17 0.02	29.58 -3.15 1.96	51.00 -3.45 -9.49	42.49 -3.12 -5.48	26.78 -2.24 -0.23	26.03 -1.81 0.00	20.74 -1.44 0.00	22.99 -1.44 0.00	26.29 -1.63 0.00	24.67 -1.54 0.00	26.68 -1.56 0.00	30.15 -1.72 0.00	45.66 -2.65 -0.01	68.94 -3.98 -0.38	57.41 -3.00 -0.75	42.89 -2.41 -0.01	40.88 -2.61 0.00	34.98 -2.72 -0.01	33.75 -1.83 0.00
HUNTLEY___64 23558	16.30 -1.91 2.64	16.12 -1.64 0.00	10.79 -1.19 0.00	14.39 -1.56 0.00	18.97 -2.10 0.07	21.21 -2.17 0.02	29.58 -3.15 1.96	51.00 -3.45 -9.49	42.49 -3.12 -5.48	26.78 -2.24 -0.23	26.03 -1.81 0.00	20.74 -1.44 0.00	22.99 -1.44 0.00	26.29 -1.63 0.00	24.67 -1.54 0.00	26.68 -1.56 0.00	30.15 -1.72 0.00	45.66 -2.65 -0.01	68.94 -3.98 -0.38	57.41 -3.00 -0.75	42.89 -2.41 -0.01	40.88 -2.61 0.00	34.98 -2.72 -0.01	33.75 -1.83 0.00
HUNTLEY___65 23559	16.30 -1.91 2.64	16.12 -1.64 0.00	10.79 -1.19 0.00	14.39 -1.56 0.00	18.97 -2.10 0.07	21.21 -2.17 0.02	29.58 -3.15 1.96	51.00 -3.45 -9.49	42.49 -3.12 -5.48	26.78 -2.24 -0.23	26.03 -1.81 0.00	20.74 -1.44 0.00	22.99 -1.44 0.00	26.29 -1.63 0.00	24.67 -1.54 0.00	26.68 -1.56 0.00	30.15 -1.72 0.00	45.66 -2.65 -0.01	68.94 -3.98 -0.38	57.41 -3.00 -0.75	42.89 -2.41 -0.01	40.88 -2.61 0.00	34.98 -2.72 -0.01	33.75 -1.83 0.00
HUNTLEY___66 23560	16.30 -1.91 2.64	16.12 -1.64 0.00	10.79 -1.19 0.00	14.39 -1.56 0.00	18.97 -2.10 0.07	21.21 -2.17 0.02	29.58 -3.15 1.96	51.00 -3.45 -9.49	42.49 -3.12 -5.48	26.78 -2.24 -0.23	26.03 -1.81 0.00	20.74 -1.44 0.00	22.99 -1.44 0.00	26.29 -1.63 0.00	24.67 -1.54 0.00	26.68 -1.56 0.00	30.15 -1.72 0.00	45.66 -2.65 -0.01	68.94 -3.98 -0.38	57.41 -3.00 -0.75	42.89 -2.41 -0.01	40.88 -2.61 0.00	34.98 -2.72 -0.01	33.75 -1.83 0.00
HUNTLEY___67 23561	16.06 -2.02 2.78	16.03 -1.73 0.00	10.74 -1.23 0.00	14.33 -1.62 0.00	18.90 -2.18 0.06	21.11 -2.27 0.02	29.75 -3.35 1.61	34.44 -3.74 6.79	31.80 -3.38 4.95	26.18 -2.40 0.21	25.87 -1.98 0.00	20.61 -1.56 0.00	22.84 -1.59 0.00	26.14 -1.79 0.00	24.54 -1.68 0.00	26.52 -1.72 0.00	29.96 -1.91 0.00	45.25 -3.05 0.01	67.60 -4.58 0.35	55.42 -3.56 0.68	42.46 -2.83 0.01	40.50 -2.99 0.00	34.69 -3.00 0.01	33.56 -2.02 0.00

HUNTLEY___68 23562	16.06 -2.02 2.78	16.03 -1.73 0.00	10.74 -1.23 0.00	14.33 -1.62 0.00	18.90 -2.18 0.06	21.11 -2.27 0.02	29.75 -3.35 1.61	34.44 -3.74 6.79	31.80 -3.38 4.95	26.18 -2.40 0.21	25.87 -1.98 0.00	20.61 -1.56 0.00	22.84 -1.59 0.00	26.14 -1.79 0.00	24.54 -1.68 0.00	26.52 -1.72 0.00	29.96 -1.91 0.00	45.25 -3.05 0.01	67.60 -4.58 0.35	55.42 -3.56 0.68	42.46 -2.83 0.01	40.50 -2.99 0.00	34.69 -3.00 0.01	33.56 -2.02 0.00
HYLAND___LFGE 323620	16.10 -0.68 4.07	17.17 -0.59 0.00	11.57 -0.41 0.00	15.44 -0.50 0.00	20.59 -0.53 0.01	23.00 -0.39 0.00	34.33 -0.18 0.19	45.20 0.23 0.00	39.96 -0.18 0.00	28.12 -0.67 0.00	27.22 -0.62 0.00	21.51 -0.66 0.00	23.76 -0.67 0.00	27.79 -0.13 0.00	26.18 -0.04 0.00	28.38 0.14 0.00	32.10 0.23 0.00	48.94 0.63 0.00	73.97 1.43 0.00	61.22 1.56 0.00	46.50 1.20 0.00	44.26 0.77 0.00	37.93 0.23 0.00	36.14 0.56 0.00
INDECK___CORINTH 23802	21.25 0.39 0.00	18.08 0.32 0.00	12.17 0.19 0.00	16.18 0.24 0.00	21.49 0.36 0.00	23.82 0.42 0.00	35.47 0.77 0.00	46.07 1.10 0.00	40.73 0.59 0.00	28.82 0.04 0.00	27.63 -0.21 0.00	21.88 -0.29 0.00	24.07 -0.35 0.00	27.47 -0.45 0.00	25.85 -0.36 0.00	28.07 -0.17 0.00	32.03 0.16 0.00	48.93 0.63 0.00	73.96 1.43 0.00	60.60 0.94 0.00	45.96 0.66 0.00	44.29 0.80 0.00	38.12 0.42 0.00	35.84 0.25 0.00
INDECK___ILION 23567	20.92 0.07 0.00	17.82 0.06 0.00	12.01 0.03 0.00	15.98 0.04 0.00	21.21 0.08 0.00	23.47 0.07 0.00	34.93 0.23 0.00	45.27 0.30 0.00	40.11 -0.02 0.00	28.51 -0.28 0.00	27.45 -0.39 0.00	21.84 -0.33 0.00	24.08 -0.35 0.00	27.46 -0.47 0.00	25.87 -0.35 0.00	28.02 -0.22 0.00	31.77 -0.10 0.00	48.23 -0.07 0.00	72.82 0.29 0.00	59.91 0.25 0.00	45.46 0.16 0.00	43.71 0.22 0.00	37.80 0.11 0.00	35.58 0.00 0.00
INDECK___OLEAN 23982	18.67 -0.94 1.25	16.94 -0.81 0.00	11.39 -0.59 0.00	15.18 -0.77 0.00	20.08 -1.00 0.05	22.30 -1.08 0.02	30.73 -1.55 2.43	35.34 -1.38 8.24	31.41 -1.37 7.35	27.52 -1.09 0.18	27.22 -0.62 0.00	21.84 -0.33 0.00	24.02 -0.41 0.00	27.55 -0.37 0.00	25.91 -0.31 0.00	27.93 -0.31 0.00	31.56 -0.31 0.00	36.66 -0.56 11.09	40.95 -0.94 30.64	7.08 -0.94 51.64	6.31 -0.98 38.00	0.56 -1.18 41.75	18.05 -1.23 18.42	-11.04 -0.47 46.16
INDECK___OSWEGO 23783	20.24 -0.62 0.00	17.23 -0.53 0.00	11.62 -0.36 0.00	15.46 -0.48 0.00	20.49 -0.64 0.00	22.70 -0.70 0.00	33.72 -0.98 0.00	43.76 -1.21 0.00	38.93 -0.88 0.00	27.90 -0.77 0.00	21.59 -0.58 0.00	23.81 -0.61 0.00	27.23 -0.69 0.00	25.54 -0.68 0.00	27.53 -0.71 0.00	30.99 -1.28 0.00	47.02 -1.63 0.00	70.91 -1.20 0.00	58.45 -0.96 0.00	44.33 -0.96 0.00	42.53 -0.96 0.00	36.82 -0.88 0.00	34.70 -0.88 0.00	
INDECK___YERKES 23781	16.32 -1.90 2.64	16.14 -1.62 0.00	10.80 -1.18 0.00	14.40 -1.54 0.00	18.99 -2.07 0.07	21.23 -2.14 0.02	28.96 -3.11 2.63	49.55 -3.36 -7.94	40.58 -3.07 -3.50	26.80 -2.21 -0.23	26.06 -1.78 0.00	20.76 -1.41 0.00	23.01 -1.41 0.00	26.32 -1.60 0.00	24.70 -1.52 0.00	26.71 -1.52 0.00	30.19 -1.68 0.00	38.28 -2.59 7.43	48.55 -3.99 19.99	22.96 -3.17 33.53	17.26 -2.52 25.51	12.87 -2.59 28.04	22.58 -2.76 12.36	3.90 -1.79 29.90
INDIAN POINT_GT_1 24139	21.70 0.84 0.00	18.39 0.63 0.00	12.38 0.40 0.00	16.48 0.54 0.00	21.83 0.70 0.00	24.13 0.74 0.00	35.84 1.14 0.00	46.38 1.41 0.00	41.38 1.24 0.00	29.83 1.04 0.00	28.84 1.00 0.00	23.04 0.87 0.00	25.27 0.84 0.00	28.82 0.90 0.00	27.09 0.88 0.00	29.24 1.00 0.00	33.03 1.16 0.00	49.99 1.69 0.00	74.83 2.30 0.00	61.62 1.96 0.00	46.78 1.48 0.00	45.09 1.60 0.00	39.01 1.31 0.00	36.56 0.98 0.00
INDIAN POINT_GT_2 23659	21.70 0.84 0.00	18.39 0.63 0.00	12.38 0.40 0.00	16.48 0.54 0.00	21.83 0.70 0.00	24.13 0.74 0.00	35.84 1.14 0.00	46.38 1.41 0.00	41.38 1.24 0.00	29.83 1.04 0.00	28.84 1.00 0.00	23.04 0.87 0.00	25.27 0.84 0.00	28.82 0.90 0.00	27.09 0.88 0.00	29.24 1.00 0.00	33.03 1.16 0.00	49.99 1.69 0.00	74.83 2.30 0.00	61.62 1.96 0.00	46.78 1.48 0.00	45.09 1.60 0.00	39.01 1.31 0.00	36.56 0.98 0.00
INDIAN POINT_GT_3 24019	21.70 0.84 0.00	18.39 0.63 0.00	12.38 0.40 0.00	16.48 0.54 0.00	21.83 0.70 0.00	24.13 0.74 0.00	35.84 1.14 0.00	46.38 1.41 0.00	41.38 1.24 0.00	29.83 1.04 0.00	28.84 1.00 0.00	23.04 0.87 0.00	25.27 0.84 0.00	28.82 0.90 0.00	27.09 0.88 0.00	29.24 1.00 0.00	33.03 1.16 0.00	49.99 1.69 0.00	74.83 2.30 0.00	61.62 1.96 0.00	46.78 1.48 0.00	45.09 1.60 0.00	39.01 1.31 0.00	36.56 0.98 0.00
INDIAN POINT___2 23530	21.66 0.80 0.00	18.36 0.60 0.00	12.36 0.38 0.00	16.45 0.51 0.00	21.79 0.66 0.00	24.09 0.69 0.00	35.78 1.07 0.00	46.30 1.33 0.00	41.30 1.16 0.00	29.77 0.98 0.00	28.78 0.94 0.00	23.01 0.84 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.06 0.84 0.00	29.20 0.97 0.00	32.99 1.12 0.00	49.92 1.62 0.00	74.73 2.19 0.00	61.54 1.88 0.00	46.72 1.43 0.00	45.03 1.54 0.00	38.97 1.27 0.00	36.51 0.92 0.00
INDIAN POINT___3 23531	21.67 0.82 0.00	18.37 0.61 0.00	12.37 0.39 0.00	16.47 0.52 0.00	21.81 0.68 0.00	24.11 0.71 0.00	35.80 1.09 0.00	46.32 1.36 0.00	41.33 1.19 0.00	29.79 1.00 0.00	28.80 0.96 0.00	23.01 0.84 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.06 0.84 0.00	29.20 0.96 0.00	32.98 1.11 0.00	49.91 1.61 0.00	74.74 2.20 0.00	61.52 1.86 0.00	46.71 1.41 0.00	45.02 1.53 0.00	38.96 1.26 0.00	36.52 0.94 0.00
INGHAM_C_115KV_TB7 356103	21.04 0.18 0.00	17.91 0.15 0.00	12.07 0.09 0.00	16.05 0.10 0.00	21.31 0.18 0.00	23.56 0.16 0.00	35.17 0.47 0.00	45.57 0.60 0.00	40.00 -0.13 0.00	28.04 -0.74 0.00	26.83 -1.01 0.00	21.31 -0.86 0.00	23.50 -0.92 0.00	26.72 -1.20 0.00	25.31 -0.91 0.00	27.63 -0.60 0.00	31.51 -0.36 0.00	47.90 -0.40 0.00	72.87 0.33 0.00	59.94 0.28 0.00	45.49 0.19 0.00	43.81 0.32 0.00	37.78 0.08 0.00	35.46 -0.13 0.00
IP CORINTH___1 23988	21.36 0.50 0.00	18.18 0.42 0.00	12.23 0.25 0.00	16.26 0.32 0.00	21.60 0.47 0.00	23.95 0.55 0.00	35.67 0.97 0.00	46.32 1.35 0.00	40.95 0.81 0.00	28.98 0.19 0.00	27.77 -0.07 0.00	22.00 -0.17 0.00	24.20 -0.23 0.00	27.61 -0.31 0.00	25.99 -0.23 0.00	28.22 -0.01 0.00	32.22 0.35 0.00	49.21 0.91 0.00	74.36 1.83 0.00	60.92 1.26 0.00	46.22 0.93 0.00	44.53 1.04 0.00	38.33 0.63 0.00	36.02 0.44 0.00
IP___TICONDEROGA 23804	21.81 0.96 0.00	18.59 0.83 0.00	12.46 0.48 0.00	16.60 0.66 0.00	22.04 0.91 0.00	24.64 1.24 0.00	36.98 2.28 0.00	48.30 3.33 0.00	42.42 2.28 0.00	29.38 0.59 0.00	27.84 0.00 0.00	21.91 -0.26 0.00	24.19 -0.24 0.00	27.63 -0.29 0.00	26.02 -0.20 0.00	28.31 0.07 0.00	32.65 0.78 0.00	50.83 2.53 0.00	77.52 4.98 0.00	63.27 3.61 0.00	47.74 2.44 0.00	46.10 2.61 0.00	39.39 1.69 0.00	36.67 1.09 0.00

ISLIP_RES_REC 323679	22.04 1.19 0.00	18.64 0.88 0.00	12.52 0.54 0.00	16.67 0.72 0.00	22.16 1.03 0.00	24.63 1.23 0.00	36.27 1.57 0.00	46.88 1.91 0.00	41.87 1.73 0.00	30.42 1.64 0.00	29.39 1.55 0.00	23.28 1.11 0.00	25.42 1.00 0.00	28.86 0.94 0.00	27.15 0.94 0.00	29.29 1.05 0.00	33.27 1.40 0.00	50.48 2.18 0.00	75.72 3.18 0.00	61.95 2.29 0.00	47.18 1.88 0.00	45.90 2.42 0.00	39.80 2.10 0.00	37.31 1.72 0.00
JAMAICA__27_KV_LOAD 355505	22.17 1.31 0.00	18.77 1.02 0.00	12.63 0.65 0.00	16.82 0.88 0.00	22.26 1.13 0.00	24.58 1.18 0.00	36.48 1.77 0.00	47.10 2.13 0.00	42.10 1.96 0.00	30.51 1.73 0.00	29.44 1.60 0.00	23.54 1.37 0.00	25.88 1.45 0.00	29.45 1.52 0.00	27.66 1.45 0.00	29.87 1.64 0.00	33.69 1.82 0.00	50.82 2.52 0.00	75.97 3.44 0.00	62.59 2.93 0.00	47.55 2.26 0.00	45.77 2.28 0.00	39.71 2.01 0.00	37.19 1.61 0.00
JANIS__SOLAR 323808	21.12 0.27 0.00	17.93 0.17 0.00	12.10 0.12 0.00	16.11 0.16 0.00	21.39 0.26 0.01	23.71 0.31 0.00	35.51 0.83 0.02	46.42 1.12 -0.33	41.08 0.50 -0.45	28.68 -0.10 0.00	27.79 -0.05 0.00	21.98 -0.18 0.00	24.47 0.04 0.00	27.94 0.01 0.00	26.20 -0.01 0.00	28.49 0.25 0.00	32.22 0.35 0.00	51.22 1.23 -1.69	79.67 2.51 -4.62	69.88 2.44 -7.78	52.96 1.87 -5.79	51.40 1.55 -6.36	41.56 1.06 -2.81	43.86 0.97 -7.30
JARVIS____ 23743	20.84 -0.02 0.00	17.74 -0.02 0.00	11.97 -0.01 0.00	15.93 -0.02 0.00	21.11 -0.02 0.00	23.36 -0.03 0.00	34.67 -0.03 0.00	44.90 -0.07 0.00	40.05 -0.08 0.00	28.73 -0.06 0.00	27.78 -0.06 0.00	22.13 -0.04 0.00	24.37 -0.06 0.00	27.84 -0.08 0.00	26.14 -0.08 0.00	28.15 -0.09 0.00	31.80 -0.06 0.00	48.23 -0.08 0.00	72.46 -0.07 0.00	59.60 -0.06 0.00	45.25 -0.05 0.00	43.47 -0.02 0.00	37.70 0.00 0.00	35.56 -0.03 0.00
JENNISON__1 23625	22.53 0.17 -1.51	17.81 0.06 0.00	12.08 0.09 0.00	16.10 0.15 0.00	21.43 0.31 0.01	23.74 0.35 0.00	35.18 0.65 0.17	45.62 0.65 0.00	40.37 0.24 0.00	28.94 0.15 0.00	28.16 0.32 0.00	22.32 0.15 0.00	24.67 0.25 0.00	28.30 0.37 0.00	26.44 0.23 0.00	28.42 0.19 0.00	32.23 0.36 0.00	49.73 1.43 0.00	74.69 2.15 0.00	61.76 2.10 0.00	46.77 1.47 0.00	44.74 1.25 0.00	38.44 0.74 0.00	36.27 0.68 0.00
JENNISON__2 23626	22.53 0.17 -1.51	17.81 0.06 0.00	12.08 0.09 0.00	16.10 0.15 0.00	21.43 0.31 0.01	23.74 0.35 0.00	35.18 0.65 0.17	45.62 0.65 0.00	40.37 0.24 0.00	28.94 0.15 0.00	28.16 0.32 0.00	22.32 0.15 0.00	24.67 0.25 0.00	28.30 0.37 0.00	26.44 0.23 0.00	28.42 0.19 0.00	32.23 0.36 0.00	49.73 1.43 0.00	74.69 2.15 0.00	61.76 2.10 0.00	46.77 1.47 0.00	44.74 1.25 0.00	38.44 0.74 0.00	36.27 0.68 0.00
JERICHO_RISE_WT_PWR 323719	20.31 -0.55 0.00	17.38 -0.38 0.00	11.77 -0.21 0.00	15.78 -0.16 0.00	21.00 -0.14 0.00	23.45 0.06 0.00	34.94 0.24 0.00	45.65 0.68 0.00	40.87 0.73 0.00	29.19 0.40 0.00	28.11 0.27 0.00	22.20 0.03 0.00	24.66 0.23 0.00	28.40 0.48 0.00	26.66 0.44 0.00	28.71 0.47 0.00	32.25 0.38 0.00	48.85 0.54 0.00	73.45 0.91 0.00	60.36 0.70 0.00	45.70 0.40 0.00	43.46 -0.03 0.00	37.64 -0.06 0.00	35.74 0.15 0.00
KATONAH__115KV_46KV_TB4 355592	21.81 0.95 0.00	18.49 0.73 0.00	12.44 0.46 0.00	16.56 0.62 0.00	21.95 0.81 0.00	24.27 0.88 0.00	36.05 1.35 0.00	46.69 1.72 0.00	41.65 1.51 0.00	30.00 1.21 0.00	29.00 1.16 0.00	23.15 0.98 0.00	25.38 0.96 0.00	28.95 1.02 0.00	27.20 0.98 0.00	29.35 1.11 0.00	33.16 1.29 0.00	50.21 1.90 0.00	75.24 2.71 0.00	61.93 2.27 0.00	47.01 1.71 0.00	45.28 1.79 0.00	39.15 1.45 0.00	36.71 1.12 0.00
KCE_NY_1 323755	21.53 0.67 0.00	18.33 0.57 0.00	12.35 0.37 0.00	16.41 0.47 0.00	21.77 0.64 0.00	24.12 0.73 0.00	35.85 1.15 0.00	46.48 1.51 0.00	41.22 1.08 0.00	29.30 0.52 0.00	28.17 0.33 0.00	22.35 0.18 0.00	24.59 0.17 0.00	28.07 0.15 0.00	26.41 0.19 0.00	28.61 0.37 0.00	32.54 0.67 0.00	49.48 1.18 0.00	74.67 2.14 0.00	61.28 1.63 0.00	46.51 1.22 0.00	44.80 1.31 0.00	38.67 0.97 0.00	36.39 0.80 0.00
KCE_NY_6_ESR 323823	16.25 -1.74 2.87	16.29 -1.47 0.00	10.92 -1.06 0.00	14.55 -1.39 0.00	19.22 -1.86 0.06	21.48 -1.90 0.02	29.58 -2.75 2.38	34.03 -2.88 8.06	30.66 -2.57 6.91	26.73 -1.86 0.20	26.37 -1.48 0.00	21.02 -1.15 0.00	23.25 -1.17 0.00	26.67 -1.25 0.00	25.05 -1.17 0.00	27.09 -1.15 0.00	30.64 -1.23 0.00	38.23 -1.99 8.09	47.10 -2.99 22.44	19.43 -2.37 37.86	15.59 -2.01 27.70	10.93 -2.13 30.44	21.95 -2.32 13.43	1.03 -1.41 33.15
KEDC_PORT_JEFF_GT2 24210	21.94 1.08 0.00	18.55 0.79 0.00	12.46 0.48 0.00	16.59 0.64 0.00	22.05 0.92 0.00	24.49 1.09 0.00	36.06 1.35 0.00	46.59 1.62 0.00	41.61 1.47 0.00	30.23 1.45 0.00	29.22 1.38 0.00	23.18 1.01 0.00	25.33 0.91 0.00	28.75 0.83 0.00	27.05 0.83 0.00	29.17 0.93 0.00	33.11 1.24 0.00	50.20 1.89 0.00	75.21 2.68 0.00	61.55 1.90 0.00	46.89 1.60 0.00	45.63 2.14 0.00	39.57 1.87 0.00	37.10 1.52 0.00
KEDC_PORT_JEFF_GT3 24211	21.94 1.08 0.00	18.55 0.79 0.00	12.46 0.48 0.00	16.59 0.64 0.00	22.05 0.92 0.00	24.49 1.09 0.00	36.06 1.35 0.00	46.59 1.62 0.00	41.61 1.47 0.00	30.23 1.45 0.00	29.22 1.38 0.00	23.18 1.01 0.00	25.33 0.91 0.00	28.75 0.83 0.00	27.05 0.83 0.00	29.17 0.93 0.00	33.11 1.24 0.00	50.20 1.89 0.00	75.21 2.68 0.00	61.55 1.90 0.00	46.89 1.60 0.00	45.63 2.14 0.00	39.57 1.87 0.00	37.10 1.52 0.00
KEDC_GLWD_GT4 24219	21.88 1.02 0.00	18.53 0.77 0.00	12.47 0.48 0.00	16.59 0.65 0.00	22.00 0.87 0.00	24.35 0.95 0.00	35.99 1.29 0.00	46.26 1.29 0.00	41.34 1.20 0.00	29.95 1.16 0.00	29.15 1.31 0.00	23.26 1.09 0.00	25.49 1.06 0.00	29.07 1.15 0.00	27.34 1.12 0.00	29.50 1.27 0.00	33.35 1.48 0.00	50.18 1.88 0.00	75.10 2.57 0.00	61.74 2.09 0.00	46.95 1.65 0.00	45.52 2.03 0.00	39.44 1.74 0.00	36.95 1.36 0.00
KEDC_GLWD_GTS 24220	21.88 1.02 0.00	18.53 0.77 0.00	12.47 0.48 0.00	16.59 0.65 0.00	22.00 0.87 0.00	24.35 0.95 0.00	35.99 1.29 0.00	46.26 1.29 0.00	41.34 1.20 0.00	29.95 1.16 0.00	29.15 1.31 0.00	23.26 1.09 0.00	25.49 1.06 0.00	29.07 1.15 0.00	27.34 1.12 0.00	29.50 1.27 0.00	33.35 1.48 0.00	50.18 1.88 0.00	75.10 2.57 0.00	61.74 2.09 0.00	46.95 1.65 0.00	45.52 2.03 0.00	39.44 1.74 0.00	36.95 1.36 0.00
KENSICO____ 23655	21.76 0.91 0.00	18.45 0.69 0.00	12.42 0.44 0.00	16.53 0.59 0.00	21.90 0.77 0.00	24.21 0.81 0.00	35.95 1.25 0.00	46.51 1.54 0.00	41.51 1.37 0.00	29.94 1.16 0.00	28.96 1.12 0.00	23.14 0.97 0.00	25.37 0.94 0.00	28.93 1.01 0.00	27.19 0.98 0.00	29.35 1.11 0.00	33.15 1.28 0.00	50.16 1.86 0.00	75.05 2.52 0.00	61.78 2.12 0.00	46.92 1.62 0.00	45.21 1.72 0.00	39.12 1.42 0.00	36.67 1.09 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.72 0.86 0.00	18.42 0.67 0.00	12.41 0.43 0.00	16.52 0.57 0.00	21.89 0.76 0.00	24.22 0.82 0.00	36.01 1.31 0.00	46.67 1.70 0.00	41.57 1.43 0.00	29.81 1.02 0.00	28.70 0.86 0.00	22.87 0.70 0.00	25.05 0.62 0.00	28.52 0.60 0.00	26.79 0.58 0.00	28.99 0.76 0.00	32.73 0.86 0.00	49.82 1.52 0.00	74.86 2.33 0.00	61.75 2.09 0.00	46.87 1.57 0.00	45.11 1.62 0.00	38.97 1.27 0.00	36.54 0.96 0.00
KIAC_JFK_GT1 23816	22.05 1.19 0.00	18.67 0.92 0.00	12.57 0.59 0.00	16.74 0.79 0.00	22.12 0.99 0.00	24.36 0.96 0.00	36.14 1.44 0.00	46.64 1.67 0.00	41.70 1.56 0.00	30.33 1.55 0.00	29.29 1.45 0.00	23.41 1.25 0.00	25.75 1.32 0.00	29.31 1.38 0.00	27.53 1.31 0.00	29.71 1.47 0.00	33.48 1.61 0.00	50.36 2.05 0.00	75.26 2.72 0.00	62.00 2.33 0.00	47.10 1.80 0.00	45.34 1.85 0.00	39.46 1.76 0.00	36.98 1.39 0.00
KIAC_JFK_GT2 23817	22.05 1.19 0.00	18.67 0.92 0.00	12.57 0.59 0.00	16.74 0.79 0.00	22.12 0.99 0.00	24.36 0.96 0.00	36.14 1.44 0.00	46.64 1.67 0.00	41.70 1.56 0.00	30.33 1.55 0.00	29.29 1.45 0.00	23.41 1.25 0.00	25.75 1.32 0.00	29.31 1.38 0.00	27.53 1.31 0.00	29.71 1.47 0.00	33.48 1.61 0.00	50.36 2.05 0.00	75.26 2.72 0.00	62.00 2.33 0.00	47.10 1.80 0.00	45.34 1.85 0.00	39.46 1.76 0.00	36.98 1.39 0.00
KIAC_JFK____ 323774	22.05 1.19 0.00	18.67 0.91 0.00	12.57 0.59 0.00	16.74 0.79 0.00	22.12 0.99 0.00	24.36 0.96 0.00	36.13 1.43 0.00	46.64 1.67 0.00	41.70 1.57 0.00	30.33 1.55 0.00	29.29 1.45 0.00	23.41 1.24 0.00	25.74 1.32 0.00	29.30 1.38 0.00	27.53 1.31 0.00	29.71 1.48 0.00	33.47 1.60 0.00	50.35 2.05 0.00	75.26 2.73 0.00	62.02 2.36 0.00	47.12 1.82 0.00	45.34 1.85 0.00	39.47 1.77 0.00	36.98 1.39 0.00
KINTIGH_24_KV_GSU 356498	16.63 -1.96 2.26	16.08 -1.68 0.00	10.79 -1.20 0.00	14.37 -1.57 0.00	18.97 -2.11 0.05	21.15 -2.23 0.02	29.34 -3.31 2.05	35.11 -3.77 6.09	31.55 -3.47 5.11	26.19 -2.45 0.15	25.78 -2.06 0.00	20.55 -1.62 0.00	22.76 -1.66 0.00	26.03 -1.90 0.00	24.42 -1.80 0.00	26.37 -1.86 0.00	29.75 -2.13 0.00	38.77 -3.38 6.15	50.25 -5.21 17.07	26.62 -4.25 28.79	20.94 -3.27 21.08	17.04 -3.28 23.16	24.25 -3.23 10.22	7.80 -2.26 25.52
KINTIGH____ 23543	16.62 -1.97 2.26	16.07 -1.69 0.00	10.78 -1.20 0.00	14.37 -1.58 0.00	18.96 -2.12 0.05	21.13 -2.25 0.02	29.85 -3.34 1.51	36.29 -3.85 4.84	33.15 -3.50 3.48	26.18 -2.46 0.15	25.77 -2.07 0.00	20.54 -1.63 0.00	22.76 -1.67 0.00	26.01 -1.92 0.00	24.41 -1.81 0.00	26.35 -1.89 0.00	29.72 -2.15 0.00	44.88 -3.42 0.01	67.08 -5.21 0.24	55.07 -4.11 0.48	42.10 -3.20 0.00	40.20 -3.29 0.00	34.49 -3.21 0.00	33.29 -2.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.63 -0.23 0.00	17.65 -0.11 0.00	11.94 -0.03 0.00	16.00 0.06 0.00	21.29 0.16 0.00	23.80 0.41 0.00	35.52 0.81 0.00	46.40 1.43 0.00	41.44 1.30 0.00	29.45 0.66 0.00	28.32 0.48 0.00	22.37 0.20 0.00	24.81 0.39 0.00	28.65 0.73 0.00	26.92 0.71 0.00	29.05 0.81 0.00	32.67 0.80 0.00	49.50 1.19 0.00	74.51 1.97 0.00	61.21 1.56 0.00	46.38 1.08 0.00	44.13 0.64 0.00	38.21 0.51 0.00	36.19 0.61 0.00
LACHUTE__HYDRO 323717	21.81 0.96 0.00	18.59 0.83 0.00	12.46 0.48 0.00	16.60 0.66 0.00	22.04 0.91 0.00	24.64 1.24 0.00	36.98 2.28 0.00	48.30 3.33 0.00	42.42 2.28 0.00	29.38 0.59 0.00	27.84 0.00 0.00	21.91 -0.26 0.00	24.19 -0.24 0.00	27.63 -0.29 0.00	26.02 -0.20 0.00	28.31 0.07 0.00	32.65 0.78 0.00	50.83 2.53 0.00	77.52 4.99 0.00	63.26 3.60 0.00	47.73 2.43 0.00	46.10 2.61 0.00	39.39 1.69 0.00	36.67 1.09 0.00
LAWRNCV_115KV_TB1 80681	20.59 -0.27 0.00	17.58 -0.18 0.00	11.89 -0.09 0.00	15.86 -0.08 0.00	21.04 -0.09 0.00	23.53 0.13 0.00	34.96 0.26 0.00	45.47 0.51 0.00	40.57 0.43 0.00	28.89 0.10 0.00	27.88 0.04 0.00	22.11 -0.07 0.00	24.56 0.14 0.00	28.32 0.40 0.00	26.52 0.30 0.00	28.47 0.24 0.00	31.72 -0.15 0.00	48.10 -0.21 0.00	72.61 0.07 0.00	59.79 0.13 0.00	45.34 0.05 0.00	43.58 0.09 0.00	38.06 0.36 0.00	36.01 0.42 0.00
LEDERLE____ 23769	21.72 0.87 0.00	18.41 0.65 0.00	12.40 0.42 0.00	16.50 0.56 0.00	21.85 0.72 0.00	24.15 0.75 0.00	35.89 1.19 0.00	46.47 1.51 0.00	41.45 1.31 0.00	29.86 1.07 0.00	28.86 1.02 0.00	23.08 0.91 0.00	25.30 0.88 0.00	28.88 0.95 0.00	27.15 0.94 0.00	29.32 1.09 0.00	33.15 1.28 0.00	50.17 1.87 0.00	75.01 2.48 0.00	61.81 2.15 0.00	46.91 1.61 0.00	45.23 1.74 0.00	39.11 1.41 0.00	36.64 1.05 0.00
LIGHTHSE_115KV_TB6 355974	19.83 -1.03 0.00	16.86 -0.90 0.00	11.38 -0.60 0.00	15.15 -0.80 0.00	20.11 -1.02 0.00	22.44 -0.96 0.00	33.60 -1.10 0.00	43.66 -1.31 0.00	38.59 -1.55 0.00	27.54 -1.25 0.00	26.85 -0.99 0.00	21.41 -0.76 0.00	23.77 -0.65 0.00	27.35 -0.57 0.00	25.55 -0.67 0.00	27.58 -0.66 0.00	30.82 -1.05 0.00	47.02 -1.28 0.00	71.99 -0.55 0.00	59.68 0.02 0.00	44.93 -0.37 0.00	43.06 -0.43 0.00	37.40 -0.30 0.00	35.00 -0.59 0.00
LINDEN COGEN____ 23786	21.87 1.02 0.00	18.52 0.76 0.00	12.47 0.49 0.00	16.60 0.66 0.00	21.99 0.86 0.00	24.30 0.90 0.00	36.08 1.38 0.00	46.59 1.63 0.00	41.63 1.49 0.00	30.11 1.33 0.00	29.13 1.29 0.00	23.30 1.13 0.00	25.54 1.12 0.00	29.12 1.19 0.00	27.39 1.17 0.00	29.56 1.32 0.00	33.37 1.50 0.00	50.41 2.10 0.00	75.32 2.78 0.00	62.04 2.38 0.00	47.11 1.82 0.00	45.39 1.90 0.00	39.30 1.60 0.00	36.79 1.21 0.00
LINDHRST_69_KV_BK1 356055	21.97 1.12 0.00	18.59 0.83 0.00	12.49 0.51 0.00	16.63 0.68 0.00	22.08 0.95 0.00	24.48 1.09 0.00	36.08 1.38 0.00	46.60 1.64 0.00	41.66 1.53 0.00	30.22 1.43 0.00	29.25 1.41 0.00	23.25 1.08 0.00	25.42 1.00 0.00	28.97 1.05 0.00	27.26 1.04 0.00	29.43 1.19 0.00	33.38 1.52 0.00	50.52 2.21 0.00	75.66 3.12 0.00	62.08 2.42 0.00	47.33 2.04 0.00	45.88 2.40 0.00	39.75 2.05 0.00	37.24 1.66 0.00
LIPA_MISC_IPP 23656	21.71 0.85 0.00	18.36 0.60 0.00	12.32 0.34 0.00	16.41 0.47 0.00	21.87 0.74 0.00	24.32 0.92 0.00	35.72 1.01 0.00	46.11 1.15 0.00	41.11 0.97 0.00	29.94 1.15 0.00	28.85 1.00 0.00	22.84 0.67 0.00	24.94 0.52 0.00	28.46 0.54 0.00	26.79 0.57 0.00	28.85 0.61 0.00	32.75 0.88 0.00	49.76 1.46 0.00	74.58 2.05 0.00	60.81 1.15 0.00	46.20 0.90 0.00	45.23 1.74 0.00	39.27 1.57 0.00	36.92 1.34 0.00
LISF__SOLAR 323691	21.75 0.90 0.00	18.39 0.63 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.91 0.78 0.00	24.37 0.97 0.00	35.80 1.10 0.00	46.22 1.25 0.00	41.21 1.07 0.00	30.00 1.22 0.00	28.90 1.06 0.00	22.87 0.70 0.00	24.96 0.54 0.00	28.47 0.55 0.00	26.80 0.58 0.00	28.86 0.62 0.00	32.78 0.91 0.00	49.84 1.54 0.00	74.77 2.24 0.00	60.98 1.32 0.00	46.34 1.04 0.00	45.33 1.84 0.00	39.37 1.67 0.00	36.99 1.41 0.00

LITTLE FALLS___HYD 24013	21.04 0.18 0.00	17.91 0.15 0.00	12.07 0.09 0.00	16.05 0.10 0.00	21.31 0.18 0.00	23.56 0.16 0.00	35.17 0.47 0.00	45.57 0.60 0.00	40.00 -0.13 0.00	28.04 -0.74 0.00	26.83 -1.01 0.00	21.31 -0.86 0.00	23.50 -0.92 0.00	26.72 -1.20 0.00	25.31 -0.91 0.00	27.63 -0.60 0.00	31.51 -0.36 0.00	47.90 -0.40 0.00	72.87 0.33 0.00	59.94 0.28 0.00	45.49 0.19 0.00	43.81 0.32 0.00	37.78 0.08 0.00	35.46 -0.13 0.00
LITTLRIV_115KV_TB1 356100	20.81 -0.05 0.00	17.77 0.01 0.00	12.01 0.03 0.00	16.04 0.10 0.00	21.28 0.15 0.00	23.83 0.43 0.00	35.42 0.72 0.00	46.13 1.17 0.00	41.08 0.95 0.00	29.03 0.24 0.00	27.95 0.11 0.00	22.19 0.02 0.00	24.69 0.27 0.00	28.62 0.69 0.00	26.78 0.56 0.00	28.71 0.47 0.00	31.88 0.01 0.00	48.45 0.15 0.00	73.44 0.90 0.00	60.53 0.88 0.00	45.90 0.60 0.00	44.09 0.60 0.00	38.50 0.80 0.00	36.41 0.82 0.00
LI_NEWBRDGE___DRP 323616	21.70 0.84 0.00	18.37 0.61 0.00	12.35 0.37 0.00	16.45 0.50 0.00	21.83 0.70 0.00	24.17 0.77 0.00	35.62 0.92 0.00	46.00 1.03 0.00	41.13 0.99 0.00	29.83 1.05 0.00	28.91 1.07 0.00	23.03 0.86 0.00	25.22 0.79 0.00	28.75 0.83 0.00	27.05 0.84 0.00	29.18 0.95 0.00	33.04 1.17 0.00	49.91 1.60 0.00	74.64 2.10 0.00	61.28 1.62 0.00	46.70 1.40 0.00	45.22 1.73 0.00	39.17 1.47 0.00	36.71 1.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.30 -2.08 2.48	15.94 -1.82 0.00	10.68 -1.30 0.00	14.22 -1.72 0.00	18.65 -2.37 0.11	20.89 -2.47 0.04	28.13 -3.49 3.08	107.70 -3.78 -66.51	78.88 -3.37 -42.11	27.96 -2.57 -1.75	25.69 -2.15 0.00	20.46 -1.71 0.00	22.70 -1.73 0.00	25.90 -2.02 0.00	24.31 -1.91 0.00	26.31 -1.93 0.00	29.73 -2.14 0.00	45.07 -3.32 -0.08	70.81 -4.67 -2.94	61.99 -3.43 -5.76	42.64 -2.71 -0.05	40.69 -2.82 -0.03	34.68 -3.05 -0.04	33.40 -2.19 0.00
LOCKPORT___CC1 323769	16.23 -2.10 2.53	15.93 -1.83 0.00	10.68 -1.31 0.00	14.23 -1.71 0.00	18.86 -2.21 0.05	21.07 -2.31 0.02	29.13 -3.40 2.16	33.06 -3.77 8.14	30.01 -3.44 6.70	26.12 -2.46 0.20	25.80 -2.04 0.00	20.56 -1.61 0.00	22.79 -1.63 0.00	26.09 -1.83 0.00	24.48 -1.74 0.00	26.50 -1.74 0.00	29.93 -1.94 0.00	38.43 -3.06 6.82	48.85 -4.70 18.98	23.80 -3.82 32.04	18.92 -3.02 23.36	14.77 -3.06 25.66	23.27 -3.11 11.32	5.54 -2.04 28.01
LOCKPORT___CC2 323770	16.23 -2.10 2.53	15.93 -1.83 0.00	10.68 -1.31 0.00	14.23 -1.71 0.00	18.86 -2.21 0.05	21.07 -2.31 0.02	29.13 -3.40 2.16	33.06 -3.77 8.14	30.01 -3.44 6.70	26.12 -2.46 0.20	25.80 -2.04 0.00	20.56 -1.61 0.00	22.79 -1.63 0.00	26.09 -1.83 0.00	24.48 -1.74 0.00	26.50 -1.74 0.00	29.93 -1.94 0.00	38.43 -3.06 6.82	48.85 -4.70 18.98	23.80 -3.82 32.04	18.92 -3.02 23.36	14.77 -3.06 25.66	23.27 -3.11 11.32	5.54 -2.04 28.01
LOCKPORT___CC3 323771	16.23 -2.10 2.53	15.93 -1.83 0.00	10.68 -1.31 0.00	14.23 -1.71 0.00	18.86 -2.21 0.05	21.07 -2.31 0.02	29.13 -3.40 2.16	33.06 -3.77 8.14	30.01 -3.44 6.70	26.12 -2.46 0.20	25.80 -2.04 0.00	20.56 -1.61 0.00	22.79 -1.63 0.00	26.09 -1.83 0.00	24.48 -1.74 0.00	26.50 -1.74 0.00	29.93 -1.94 0.00	38.43 -3.06 6.82	48.85 -4.70 18.98	23.80 -3.82 32.04	18.92 -3.02 23.36	14.77 -3.06 25.66	23.27 -3.11 11.32	5.54 -2.04 28.01
LOCUSVLY_69_KV_BK2 55797	21.91 1.05 0.00	18.55 0.79 0.00	12.47 0.49 0.00	16.61 0.67 0.00	22.03 0.90 0.00	24.40 1.00 0.00	36.01 1.31 0.00	46.47 1.50 0.00	41.51 1.38 0.00	30.09 1.31 0.00	29.20 1.36 0.00	23.29 1.12 0.00	25.50 1.08 0.00	29.09 1.17 0.00	27.37 1.15 0.00	29.54 1.31 0.00	33.42 1.55 0.00	50.41 2.10 0.00	75.34 2.81 0.00	61.93 2.26 0.00	47.15 1.86 0.00	45.66 2.17 0.00	39.54 1.84 0.00	37.06 1.48 0.00
LONG_LAKE_PHOENIX 24014	20.16 -0.70 0.00	17.16 -0.60 0.00	11.57 -0.40 0.00	15.40 -0.55 0.00	20.40 -0.73 0.00	22.60 -0.80 0.00	33.57 -1.14 0.00	43.55 -1.41 0.00	38.79 -1.35 0.00	27.80 -0.99 0.00	26.92 -0.92 0.00	21.47 -0.70 0.00	23.66 -0.76 0.00	27.03 -0.89 0.00	25.36 -0.86 0.00	27.36 -0.88 0.00	30.74 -1.13 0.00	46.71 -1.59 0.00	70.38 -2.16 0.00	58.00 -1.66 0.00	44.05 -1.24 0.00	42.25 -1.24 0.00	36.53 -1.17 0.00	34.44 -1.14 0.00
LOVETT___3 23632	21.64 0.78 0.00	18.34 0.58 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.77 0.64 0.00	24.06 0.66 0.00	35.74 1.04 0.00	46.25 1.28 0.00	41.26 1.12 0.00	29.73 0.95 0.00	28.75 0.91 0.00	22.98 0.81 0.00	25.19 0.77 0.00	28.74 0.82 0.00	27.02 0.81 0.00	29.17 0.93 0.00	32.95 1.08 0.00	49.85 1.55 0.00	74.63 2.10 0.00	61.45 1.79 0.00	46.65 1.35 0.00	44.98 1.49 0.00	38.91 1.22 0.00	36.47 0.88 0.00
LOVETT___4 23642	21.64 0.78 0.00	18.34 0.58 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.77 0.64 0.00	24.06 0.66 0.00	35.74 1.04 0.00	46.25 1.28 0.00	41.26 1.12 0.00	29.73 0.95 0.00	28.75 0.91 0.00	22.98 0.81 0.00	25.19 0.77 0.00	28.74 0.82 0.00	27.02 0.81 0.00	29.17 0.93 0.00	32.95 1.08 0.00	49.85 1.55 0.00	74.63 2.10 0.00	61.45 1.79 0.00	46.65 1.35 0.00	44.98 1.49 0.00	38.91 1.22 0.00	36.47 0.88 0.00
LOVETT___5 23593	21.64 0.78 0.00	18.34 0.58 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.77 0.64 0.00	24.06 0.66 0.00	35.74 1.04 0.00	46.25 1.28 0.00	41.26 1.12 0.00	29.73 0.95 0.00	28.75 0.91 0.00	22.98 0.81 0.00	25.19 0.77 0.00	28.74 0.82 0.00	27.02 0.81 0.00	29.17 0.93 0.00	32.95 1.08 0.00	49.85 1.55 0.00	74.63 2.10 0.00	61.45 1.79 0.00	46.65 1.35 0.00	44.98 1.49 0.00	38.91 1.22 0.00	36.47 0.88 0.00
LOWER RAQUET___HYD 24057	20.52 -0.33 0.00	17.52 -0.24 0.00	11.85 -0.13 0.00	15.81 -0.14 0.00	20.98 -0.16 0.00	23.47 0.07 0.00	34.89 0.19 0.00	45.37 0.40 0.00	40.48 0.34 0.00	28.79 0.00 0.00	27.78 -0.06 0.00	22.02 -0.15 0.00	24.49 0.06 0.00	28.26 0.34 0.00	26.46 0.24 0.00	28.40 0.16 0.00	31.59 -0.28 0.00	47.92 -0.38 0.00	72.41 -0.12 0.00	59.67 0.02 0.00	45.24 -0.06 0.00	43.52 0.03 0.00	38.03 0.33 0.00	35.94 0.36 0.00
LOWER___HUDSON 24059	21.32 0.46 0.00	18.16 0.40 0.00	12.24 0.26 0.00	16.25 0.30 0.00	21.54 0.41 0.00	23.82 0.43 0.00	35.34 0.64 0.00	45.82 0.85 0.00	40.74 0.60 0.00	29.12 0.34 0.00	28.07 0.23 0.00	22.29 0.12 0.00	24.53 0.10 0.00	27.98 0.06 0.00	26.28 0.06 0.00	28.29 0.06 0.00	32.10 0.23 0.00	48.70 0.40 0.00	73.46 0.93 0.00	60.21 0.55 0.00	45.78 0.48 0.00	44.21 0.72 0.00	38.20 0.51 0.00	35.98 0.40 0.00
LOWVILLE_115KV_TB2 356335	19.89 -0.97 0.00	16.94 -0.82 0.00	11.43 -0.55 0.00	15.21 -0.73 0.00	20.23 -0.90 0.00	22.62 -0.78 0.00	33.97 -0.73 0.00	44.14 -0.82 0.00	38.90 -1.24 0.00	27.86 -0.93 0.00	27.29 -0.55 0.00	21.68 -0.49 0.00	24.07 -0.36 0.00	27.70 -0.22 0.00	25.98 -0.23 0.00	28.19 -0.05 0.00	31.42 -0.45 0.00	48.09 -0.21 0.00	73.66 1.12 0.00	61.08 1.42 0.00	45.77 0.47 0.00	43.98 0.49 0.00	38.38 0.68 0.00	35.86 0.27 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	21.52 0.66 0.00	18.32 0.56 0.00	12.34 0.36 0.00	16.40 0.46 0.00	21.76 0.63 0.00	24.10 0.70 0.00	35.82 1.12 0.00	46.45 1.48 0.00	41.19 1.05 0.00	29.29 0.51 0.00	28.15 0.31 0.00	22.34 0.17 0.00	24.58 0.16 0.00	28.05 0.14 0.00	26.40 0.18 0.00	28.59 0.35 0.00	32.51 0.64 0.00	49.44 1.14 0.00	74.61 2.07 0.00	61.20 1.54 0.00	46.46 1.17 0.00	44.77 1.28 0.00	38.64 0.94 0.00	36.37 0.78 0.00
LUTHERNY_35_KV_BK2 355980	21.53 0.67 0.00	18.33 0.57 0.00	12.35 0.37 0.00	16.41 0.47 0.00	21.77 0.64 0.00	24.12 0.73 0.00	35.86 1.15 0.00	46.48 1.51 0.00	41.22 1.08 0.00	29.30 0.52 0.00	28.17 0.33 0.00	22.35 0.18 0.00	24.59 0.16 0.00	28.07 0.15 0.00	26.41 0.19 0.00	28.61 0.37 0.00	32.54 0.66 0.00	49.48 1.18 0.00	74.67 2.14 0.00	61.27 1.61 0.00	46.51 1.21 0.00	44.80 1.31 0.00	38.68 0.98 0.00	36.39 0.80 0.00
LWR__OSWEGATCHIE_HYD 23850	19.98 -0.87 0.00	17.04 -0.72 0.00	11.51 -0.47 0.00	15.35 -0.60 0.00	20.38 -0.75 0.00	22.82 -0.58 0.00	34.10 -0.60 0.00	44.34 -0.63 0.00	39.30 -0.84 0.00	28.01 -0.78 0.00	27.20 -0.64 0.00	21.60 -0.57 0.00	24.03 -0.39 0.00	27.73 -0.19 0.00	25.97 -0.25 0.00	27.99 -0.25 0.00	31.14 -0.72 0.00	47.44 -0.86 0.00	72.28 -0.26 0.00	59.76 0.10 0.00	45.07 -0.23 0.00	43.34 -0.15 0.00	37.85 0.15 0.00	35.56 -0.02 0.00
LYONS_FALL_HYD 23570	20.37 -0.49 0.00	17.35 -0.41 0.00	11.70 -0.28 0.00	15.58 -0.37 0.00	20.70 -0.43 0.00	23.07 -0.32 0.00	34.53 -0.17 0.00	44.82 -0.14 0.00	39.64 -0.49 0.00	28.34 -0.45 0.00	27.63 -0.21 0.00	21.98 -0.19 0.00	24.34 -0.09 0.00	27.94 0.02 0.00	26.24 0.03 0.00	28.39 0.15 0.00	31.79 -0.08 0.00	48.58 0.27 0.00	73.93 1.40 0.00	61.12 1.46 0.00	46.02 0.73 0.00	44.20 0.71 0.00	38.42 0.73 0.00	36.00 0.42 0.00
MADISON__COUNTY_LFGE 323628	21.05 0.19 0.00	17.91 0.15 0.00	12.09 0.11 0.00	16.09 0.14 0.00	21.35 0.22 0.00	23.73 0.33 0.00	35.38 0.67 0.00	45.85 0.88 0.00	40.73 0.59 0.00	28.96 0.18 0.00	28.12 0.28 0.00	22.42 0.25 0.00	24.73 0.30 0.00	28.27 0.35 0.00	26.62 0.40 0.00	28.67 0.43 0.00	32.29 0.42 0.00	49.18 0.88 0.00	74.44 1.90 0.00	61.34 1.68 0.00	46.49 1.19 0.00	44.55 1.06 0.00	38.52 0.82 0.00	36.25 0.67 0.00
MALONE__115KV_TB1 356076	20.50 -0.36 0.00	17.53 -0.23 0.00	11.87 -0.11 0.00	15.89 -0.06 0.00	21.13 0.00 0.00	23.62 0.23 0.00	35.24 0.54 0.00	46.04 1.08 0.00	41.22 1.08 0.00	29.33 0.54 0.00	28.16 0.32 0.00	22.23 0.06 0.00	24.73 0.31 0.00	28.57 0.65 0.00	26.82 0.60 0.00	28.87 0.63 0.00	32.37 0.51 0.00	49.04 0.74 0.00	73.96 1.43 0.00	60.82 1.16 0.00	46.08 0.78 0.00	43.91 0.42 0.00	38.11 0.41 0.00	36.11 0.52 0.00
MAPLEWOD_115KV_TB3 80458	21.43 0.58 0.00	18.25 0.49 0.00	12.29 0.31 0.00	16.34 0.39 0.00	21.65 0.52 0.00	23.94 0.54 0.00	35.47 0.77 0.00	45.96 0.99 0.00	40.89 0.76 0.00	29.28 0.50 0.00	28.26 0.42 0.00	22.46 0.29 0.00	24.72 0.29 0.00	28.21 0.28 0.00	26.50 0.29 0.00	28.56 0.32 0.00	32.33 0.46 0.00	49.03 0.73 0.00	73.81 1.28 0.00	60.55 0.89 0.00	45.99 0.70 0.00	44.41 0.91 0.00	38.40 0.70 0.00	36.18 0.60 0.00
MAPLE_RIDGE_WT_1 323574	19.91 -0.95 0.00	16.95 -0.81 0.00	11.46 -0.52 0.00	15.27 -0.67 0.00	20.33 -0.80 0.00	22.60 -0.80 0.00	33.63 -1.07 0.00	43.51 -1.46 0.00	39.25 -0.88 0.00	28.55 -0.23 0.00	27.64 -0.20 0.00	22.01 -0.16 0.00	24.25 -0.18 0.00	27.70 -0.22 0.00	26.05 -0.16 0.00	28.08 -0.15 0.00	31.74 -0.13 0.00	48.14 -0.16 0.00	72.35 -0.19 0.00	59.55 -0.11 0.00	45.17 -0.13 0.00	43.22 -0.27 0.00	37.51 -0.19 0.00	35.43 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	19.91 -0.95 0.00	16.95 -0.81 0.00	11.46 -0.52 0.00	15.27 -0.67 0.00	20.33 -0.80 0.00	22.60 -0.80 0.00	33.63 -1.07 0.00	43.51 -1.46 0.00	39.25 -0.88 0.00	28.55 -0.23 0.00	27.64 -0.20 0.00	22.01 -0.16 0.00	24.25 -0.18 0.00	27.70 -0.22 0.00	26.05 -0.16 0.00	28.08 -0.15 0.00	31.74 -0.13 0.00	48.14 -0.16 0.00	72.35 -0.19 0.00	59.55 -0.11 0.00	45.17 -0.13 0.00	43.22 -0.27 0.00	37.51 -0.19 0.00	35.43 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	20.38 -0.47 0.00	17.44 -0.32 0.00	11.81 -0.17 0.00	15.82 -0.12 0.00	21.04 -0.09 0.00	23.50 0.10 0.00	34.97 0.27 0.00	45.64 0.68 0.00	40.81 0.68 0.00	29.16 0.38 0.00	28.11 0.27 0.00	22.22 0.05 0.00	24.65 0.22 0.00	28.39 0.47 0.00	26.64 0.42 0.00	28.67 0.44 0.00	32.24 0.37 0.00	48.81 0.51 0.00	73.35 0.81 0.00	60.26 0.60 0.00	45.65 0.35 0.00	43.49 0.01 0.00	37.69 -0.01 0.00	35.77 0.18 0.00
MARSHVLE_115KV_TB1 80742	21.32 0.46 0.00	18.11 0.35 0.00	12.23 0.25 0.00	16.32 0.37 0.00	21.66 0.53 0.00	24.07 0.67 0.00	35.86 1.16 0.00	46.59 1.62 0.00	41.20 1.06 0.00	29.06 0.27 0.00	27.95 0.11 0.00	22.30 0.13 0.00	24.61 0.18 0.00	28.20 0.27 0.00	26.59 0.37 0.00	29.10 0.86 0.00	32.84 0.97 0.00	49.91 1.61 0.00	75.42 2.89 0.00	62.34 2.68 0.00	47.28 1.99 0.00	45.23 1.74 0.00	39.12 1.42 0.00	36.94 1.36 0.00
MARSH_HILL_WT_PWR 323713	12.18 -2.69 5.98	15.51 -2.26 0.00	10.55 -1.43 0.00	14.13 -1.82 0.00	18.75 -2.37 0.02	20.93 -2.46 0.00	31.00 -3.32 0.39	39.87 -3.88 1.22	35.36 -3.84 0.94	25.86 -2.87 0.06	25.37 -2.48 0.00	20.32 -1.85 0.00	22.44 -1.99 0.00	26.04 -1.89 0.00	24.73 -1.48 0.00	27.03 -1.20 0.00	30.85 -1.02 0.00	48.29 -1.66 -1.65	74.68 -2.27 -4.41	65.44 -1.62 -7.40	49.50 -1.44 -5.65	47.51 -2.18 -6.21	38.39 -2.05 -2.74	41.63 -1.30 -7.35
MCINTYRE_115KV_TB2 80467	21.07 0.21 0.00	17.99 0.23 0.00	12.17 0.19 0.00	16.24 0.30 0.00	21.55 0.41 0.00	24.13 0.73 0.00	35.81 1.11 0.00	46.62 1.66 0.00	41.49 1.35 0.00	29.24 0.46 0.00	28.14 0.30 0.00	22.35 0.18 0.00	24.87 0.45 0.00	28.89 0.97 0.00	27.01 0.79 0.00	28.96 0.72 0.00	32.16 0.28 0.00	48.98 0.68 0.00	74.31 1.78 0.00	61.26 1.60 0.00	46.49 1.19 0.00	44.58 1.09 0.00	38.86 1.16 0.00	36.76 1.17 0.00
MECO____69_KV_BK1 80468	21.72 0.86 0.00	18.45 0.70 0.00	12.45 0.47 0.00	16.58 0.64 0.00	22.02 0.89 0.00	24.47 1.07 0.00	36.48 1.78 0.00	47.43 2.46 0.00	41.73 1.59 0.00	29.14 0.35 0.00	27.78 -0.06 0.00	22.09 -0.08 0.00	24.35 -0.07 0.00	27.86 -0.07 0.00	26.36 0.14 0.00	29.13 0.89 0.00	33.00 1.13 0.00	50.25 1.95 0.00	76.29 3.76 0.00	63.02 3.36 0.00	47.81 2.51 0.00	45.80 2.32 0.00	39.55 1.85 0.00	37.27 1.68 0.00
MENANDS__115KV_TB5 355628	21.41 0.55 0.00	18.23 0.47 0.00	12.28 0.30 0.00	16.32 0.38 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.40 0.69 0.00	45.84 0.87 0.00	40.80 0.67 0.00	29.25 0.47 0.00	28.25 0.41 0.00	22.47 0.30 0.00	24.72 0.30 0.00	28.21 0.29 0.00	26.50 0.28 0.00	28.52 0.29 0.00	32.27 0.40 0.00	48.92 0.61 0.00	73.59 1.05 0.00	60.35 0.69 0.00	45.85 0.56 0.00	44.28 0.79 0.00	38.31 0.61 0.00	36.11 0.52 0.00

MG INDUSTRY___DRP 24185	21.41 0.55 0.00	18.22 0.46 0.00	12.29 0.30 0.00	16.34 0.39 0.00	21.65 0.52 0.00	23.92 0.53 0.00	35.45 0.75 0.00	45.89 0.92 0.00	40.76 0.62 0.00	29.11 0.32 0.00	28.09 0.25 0.00	22.36 0.20 0.00	24.61 0.18 0.00	28.10 0.17 0.00	26.44 0.22 0.00	28.52 0.29 0.00	32.32 0.45 0.00	49.03 0.73 0.00	73.69 1.16 0.00	60.51 0.85 0.00	45.96 0.66 0.00	44.32 0.83 0.00	38.38 0.68 0.00	36.18 0.59 0.00
MID___OSWEGATCHIE_HYD 23849	19.98 -0.87 0.00	17.04 -0.72 0.00	11.51 -0.47 0.00	15.35 -0.60 0.00	20.38 -0.75 0.00	22.82 -0.58 0.00	34.10 -0.60 0.00	44.34 -0.63 0.00	39.30 -0.84 0.00	28.01 -0.78 0.00	27.20 -0.64 0.00	21.60 -0.57 0.00	24.03 -0.39 0.00	27.73 -0.19 0.00	25.97 -0.25 0.00	27.99 -0.25 0.00	31.14 -0.72 0.00	47.44 -0.86 0.00	72.28 -0.26 0.00	59.76 0.10 0.00	45.07 -0.23 0.00	43.34 -0.15 0.00	37.85 0.15 0.00	35.56 -0.02 0.00
MID___RAQUETTE_HYD 23851	20.52 -0.33 0.00	17.52 -0.24 0.00	11.85 -0.13 0.00	15.81 -0.13 0.00	20.98 -0.16 0.00	23.47 0.07 0.00	34.89 0.19 0.00	45.38 0.41 0.00	40.48 0.34 0.00	28.79 0.00 0.00	27.78 -0.06 0.00	22.02 -0.15 0.00	24.49 0.06 0.00	28.26 0.34 0.00	26.46 0.24 0.00	28.40 0.16 0.00	31.58 -0.29 0.00	47.92 -0.39 0.00	72.40 -0.13 0.00	59.65 -0.01 0.00	45.23 -0.07 0.00	43.51 0.02 0.00	38.02 0.32 0.00	35.94 0.36 0.00
MILLIKEN___1 23584	19.47 0.03 1.42	17.78 0.02 0.00	11.97 0.00 0.00	15.93 -0.01 0.00	21.16 0.03 0.00	23.43 0.03 0.00	34.90 0.20 0.00	45.30 0.34 0.00	40.22 0.08 0.00	28.65 -0.13 0.00	27.73 -0.11 0.00	22.01 -0.16 0.00	24.35 -0.08 0.00	27.84 -0.08 0.00	26.18 -0.04 0.00	28.30 0.06 0.00	31.90 0.03 0.00	48.54 0.24 0.00	73.10 0.56 0.00	60.30 0.64 0.00	45.89 0.59 0.00	43.91 0.42 0.00	37.95 0.25 0.00	35.80 0.21 0.00
MILLIKEN___2 23585	19.47 0.03 1.42	17.78 0.02 0.00	11.97 0.00 0.00	15.93 -0.01 0.00	21.16 0.03 0.00	23.43 0.03 0.00	34.90 0.20 0.00	45.30 0.34 0.00	40.22 0.08 0.00	28.65 -0.13 0.00	27.73 -0.11 0.00	22.01 -0.16 0.00	24.35 -0.08 0.00	27.84 -0.08 0.00	26.18 -0.04 0.00	28.30 0.06 0.00	31.90 0.03 0.00	48.54 0.24 0.00	73.10 0.56 0.00	60.30 0.64 0.00	45.89 0.59 0.00	43.91 0.42 0.00	37.95 0.25 0.00	35.80 0.21 0.00
MILLIKEN___DIESEL 23629	19.47 0.03 1.42	17.78 0.02 0.00	11.97 0.00 0.00	15.93 -0.01 0.00	21.16 0.03 0.00	23.43 0.03 0.00	34.90 0.20 0.00	45.30 0.34 0.00	40.22 0.08 0.00	28.65 -0.13 0.00	27.73 -0.11 0.00	22.01 -0.16 0.00	24.35 -0.08 0.00	27.84 -0.08 0.00	26.18 -0.04 0.00	28.30 0.06 0.00	31.90 0.03 0.00	48.54 0.24 0.00	73.10 0.56 0.00	60.30 0.64 0.00	45.89 0.59 0.00	43.91 0.42 0.00	37.95 0.25 0.00	35.80 0.21 0.00
MILLSEAT___LFGE 323607	16.98 -1.55 2.33	16.38 -1.37 0.00	10.98 -1.00 0.00	14.81 -1.13 0.00	21.54 0.39 -0.02	24.08 0.67 0.00	36.51 1.48 -0.33	75.67 0.71 -29.99	64.32 -1.18 -25.36	28.70 -1.19 -1.11	26.92 -0.92 0.00	21.48 -0.69 0.00	23.77 -0.66 0.00	27.03 -0.90 0.00	25.43 -0.79 0.00	27.58 -0.66 0.00	31.15 -0.71 0.00	42.47 -0.91 4.92	59.75 -1.02 11.76	39.88 -0.51 19.28	27.69 -0.57 17.03	23.97 -0.78 18.74	28.16 -1.29 8.25	12.31 -1.12 22.16
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.72 0.87 0.00	18.41 0.66 0.00	12.40 0.42 0.00	16.50 0.56 0.00	21.86 0.73 0.00	24.16 0.76 0.00	35.88 1.17 0.00	46.42 1.45 0.00	41.42 1.28 0.00	29.86 1.08 0.00	28.88 1.04 0.00	23.07 0.90 0.00	25.29 0.87 0.00	28.85 0.92 0.00	27.12 0.90 0.00	29.26 1.03 0.00	33.06 1.19 0.00	50.03 1.73 0.00	74.88 2.35 0.00	61.64 1.98 0.00	46.82 1.52 0.00	45.12 1.63 0.00	39.03 1.33 0.00	36.60 1.01 0.00
MILLWOOD_13_KV_LOAD 356217	21.76 0.91 0.00	18.45 0.69 0.00	12.42 0.44 0.00	16.53 0.58 0.00	21.89 0.76 0.00	24.21 0.81 0.00	35.95 1.25 0.00	46.52 1.55 0.00	41.50 1.37 0.00	29.93 1.14 0.00	28.93 1.09 0.00	23.10 0.93 0.00	25.33 0.90 0.00	28.89 0.97 0.00	27.16 0.95 0.00	29.31 1.07 0.00	33.12 1.25 0.00	50.15 1.85 0.00	75.06 2.53 0.00	61.81 2.15 0.00	46.92 1.63 0.00	45.21 1.72 0.00	39.11 1.41 0.00	36.67 1.08 0.00
MODEL_CITY_ENERGY 24167	16.04 -2.27 2.55	15.77 -1.99 0.00	10.55 -1.42 0.00	14.06 -1.88 0.00	18.50 -2.55 0.08	20.68 -2.69 0.03	27.81 -3.82 3.06	35.30 -4.25 5.42	31.55 -3.89 4.70	25.73 -2.94 0.12	25.33 -2.51 0.00	20.17 -2.00 0.00	22.39 -2.03 0.00	25.57 -2.35 0.00	23.99 -2.23 0.00	25.96 -2.28 0.00	29.31 -2.55 0.00	37.30 -4.01 7.00	47.41 -5.79 19.34	22.56 -4.51 32.59	17.85 -3.47 23.98	13.74 -3.41 26.34	22.50 -3.58 11.62	4.94 -2.56 28.09
MODERN_LFGE___ 323580	16.04 -2.27 2.55	15.77 -1.99 0.00	10.55 -1.42 0.00	14.06 -1.88 0.00	18.50 -2.55 0.08	20.68 -2.69 0.03	27.81 -3.82 3.06	35.30 -4.25 5.42	31.55 -3.89 4.70	25.73 -2.94 0.12	25.33 -2.51 0.00	20.17 -2.00 0.00	22.39 -2.03 0.00	25.57 -2.35 0.00	23.99 -2.23 0.00	25.96 -2.28 0.00	29.31 -2.55 0.00	37.30 -4.01 7.00	47.41 -5.79 19.34	22.56 -4.51 32.59	17.85 -3.47 23.98	13.74 -3.41 26.34	22.50 -3.58 11.62	4.94 -2.56 28.09
MOHAWK_PAPER___DRP 24187	21.43 0.58 0.00	18.25 0.49 0.00	12.29 0.31 0.00	16.34 0.39 0.00	21.65 0.52 0.00	23.94 0.54 0.00	35.47 0.77 0.00	45.96 0.99 0.00	40.89 0.76 0.00	29.28 0.50 0.00	28.26 0.42 0.00	22.46 0.29 0.00	24.72 0.29 0.00	28.21 0.28 0.00	26.50 0.29 0.00	28.56 0.32 0.00	32.33 0.46 0.00	49.03 0.73 0.00	73.81 1.28 0.00	60.55 0.89 0.00	45.99 0.70 0.00	44.41 0.91 0.00	38.40 0.70 0.00	36.18 0.60 0.00
MOHICAN_35_KV_115KV_LD 80490	21.49 0.63 0.00	18.30 0.54 0.00	12.31 0.32 0.00	16.37 0.43 0.00	21.74 0.60 0.00	24.12 0.72 0.00	35.93 1.23 0.00	46.68 1.71 0.00	41.25 1.12 0.00	29.15 0.37 0.00	27.91 0.07 0.00	22.10 -0.07 0.00	24.32 -0.10 0.00	27.75 -0.17 0.00	26.12 -0.10 0.00	28.36 0.12 0.00	32.41 0.54 0.00	49.54 1.24 0.00	74.94 2.40 0.00	61.36 1.70 0.00	46.53 1.24 0.00	44.87 1.38 0.00	38.60 0.90 0.00	36.24 0.66 0.00
MONGAUP___HYD 23641	21.65 0.80 0.00	18.37 0.62 0.00	12.37 0.39 0.00	16.47 0.52 0.00	21.81 0.68 0.00	24.12 0.73 0.00	35.86 1.17 0.00	46.47 1.50 0.00	41.35 1.21 0.00	29.54 0.76 0.00	28.41 0.57 0.00	22.66 0.49 0.00	24.84 0.42 0.00	28.35 0.43 0.00	26.65 0.43 0.00	28.75 0.51 0.00	32.52 0.65 0.00	49.49 1.18 0.00	74.69 2.16 0.00	61.68 2.03 0.00	46.83 1.54 0.00	45.07 1.58 0.00	38.97 1.27 0.00	36.54 0.96 0.00
MONTAUK___DIESEL 23721	21.36 0.51 0.00	18.07 0.31 0.00	12.07 0.09 0.00	16.10 0.16 0.00	21.82 0.69 0.00	24.43 1.03 0.00	35.89 1.19 0.00	46.63 1.67 0.00	41.70 1.57 0.00	30.15 1.36 0.00	28.96 1.12 0.00	22.80 0.64 0.00	24.83 0.41 0.00	28.23 0.31 0.00	26.52 0.30 0.00	28.38 0.14 0.00	32.01 0.14 0.00	48.60 0.29 0.00	73.10 0.57 0.00	59.61 -0.05 0.00	45.22 -0.07 0.00	44.34 0.85 0.00	38.47 0.77 0.00	36.12 0.54 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	9.91 -2.13 8.82	15.92 -1.84 0.00	10.75 -1.23 0.00	14.47 -1.47 0.00	19.18 -1.90 0.05	21.44 -1.94 0.02	30.51 -2.66 1.53	36.11 -2.68 6.18	32.88 -2.70 4.56	26.85 -1.75 0.19	26.77 -1.07 0.00	21.37 -0.80 0.00	23.70 -0.72 0.00	27.29 -0.63 0.00	25.79 -0.43 0.00	27.84 -0.40 0.00	31.57 -0.30 0.00	47.44 -0.85 0.01	70.51 -1.70 0.32	57.76 -1.27 0.62	44.11 -1.18 0.01	42.15 -1.34 0.00	35.96 -1.73 0.00	34.52 -1.06 0.00
MORRIS_RIDGE___SOLAR 323848	13.64 -2.14 5.08	15.99 -1.77 0.00	10.81 -1.17 0.00	14.43 -1.51 0.00	19.14 -1.96 0.03	21.34 -2.05 0.01	30.78 -2.87 1.05	37.64 -3.31 4.02	33.89 -3.20 3.05	26.09 -2.58 0.11	25.64 -2.21 0.00	20.53 -1.64 0.00	22.69 -1.74 0.00	26.31 -1.61 0.00	24.79 -1.42 0.00	26.96 -1.27 0.00	30.67 -1.20 0.00	45.36 -1.92 1.02	66.52 -3.04 2.97	52.26 -2.34 5.06	39.95 -1.86 3.48	37.55 -2.12 3.83	33.94 -2.07 1.69	30.52 -1.38 3.68
MORTIMER_115KV_TB3 55949	18.24 -0.93 1.69	16.96 -0.80 0.00	11.40 -0.58 0.00	15.19 -0.76 0.00	20.25 -0.90 -0.02	22.50 -0.90 0.00	34.01 -1.24 -0.54	47.80 -1.27 -4.11	41.82 -1.31 -2.99	27.91 -1.00 -0.12	27.06 -0.78 0.00	21.58 -0.59 0.00	23.84 -0.58 0.00	27.27 -0.66 0.00	25.60 -0.62 0.00	27.59 -0.65 0.00	31.17 -0.70 0.00	47.25 -1.06 -0.01	71.22 -1.53 -0.21	58.93 -1.13 -0.41	44.35 -0.96 0.00	42.36 -1.13 0.00	36.44 -1.27 0.00	34.66 -0.93 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.91 1.05 0.00	18.56 0.80 0.00	12.49 0.51 0.00	16.63 0.68 0.00	22.03 0.90 0.00	24.36 0.96 0.00	36.16 1.46 0.00	46.75 1.78 0.00	41.76 1.62 0.00	30.17 1.39 0.00	29.20 1.36 0.00	23.34 1.16 0.00	25.58 1.16 0.00	29.17 1.24 0.00	27.42 1.21 0.00	29.59 1.36 0.00	33.42 1.55 0.00	50.52 2.22 0.00	75.49 2.96 0.00	62.15 2.49 0.00	47.20 1.90 0.00	45.48 1.99 0.00	39.36 1.67 0.00	36.88 1.30 0.00
MUNSVILLE_WIND_PWR 323609	22.02 0.60 -0.56	18.15 0.38 0.00	12.26 0.28 0.00	16.31 0.37 0.00	21.65 0.52 0.01	23.94 0.55 0.00	36.09 1.41 0.02	47.07 1.76 -0.34	41.58 0.99 -0.46	29.16 0.38 0.00	28.47 0.63 0.00	22.53 0.36 0.00	25.06 0.64 0.00	28.60 0.67 0.00	26.83 0.62 0.00	29.21 0.97 0.00	33.09 1.22 0.00	53.12 3.10 -1.72	82.53 5.28 -4.71	72.28 4.70 -7.93	54.62 3.42 -5.90	52.93 2.96 -6.49	42.68 2.13 -2.86	44.94 1.91 -7.44
N SALMON___HYD 24042	20.49 -0.36 0.00	17.53 -0.23 0.00	11.87 -0.11 0.00	15.89 -0.06 0.00	21.13 0.00 0.00	23.63 0.23 0.00	35.24 0.54 0.00	46.03 1.06 0.00	41.22 1.08 0.00	29.33 0.54 0.00	28.16 0.32 0.00	22.23 0.06 0.00	24.73 0.31 0.00	28.57 0.65 0.00	26.82 0.60 0.00	28.87 0.63 0.00	32.37 0.50 0.00	49.04 0.74 0.00	73.98 1.44 0.00	60.84 1.18 0.00	46.09 0.79 0.00	43.91 0.42 0.00	38.12 0.42 0.00	36.11 0.52 0.00
N.AKRON___115KV_KNAPP 355671	16.77 -1.70 2.39	16.26 -1.50 0.00	10.89 -1.09 0.00	14.49 -1.45 0.00	18.87 -2.15 0.11	21.16 -2.20 0.04	28.60 -3.02 3.08	101.67 -2.92 -59.62	73.66 -2.39 -35.91	28.34 -1.94 -1.49	26.27 -1.57 0.00	20.93 -1.24 0.00	23.19 -1.23 0.00	26.42 -1.50 0.00	24.82 -1.40 0.00	26.88 -1.36 0.00	30.39 -1.48 0.00	46.15 -2.22 -0.07	72.09 -2.95 -2.51	62.56 -2.01 -4.91	43.67 -1.67 -0.05	41.63 -1.89 -0.02	35.49 -2.24 -0.03	33.99 -1.59 0.00
N.E._GEN_SANDY PD 24062	21.38 0.52 0.00	18.20 0.45 0.00	12.26 0.28 0.00	16.28 0.34 0.00	21.57 0.44 0.00	23.84 0.45 0.00	35.49 0.61 -0.17	49.56 0.80 -3.79	40.73 0.59 0.00	29.22 0.44 0.00	28.21 0.37 0.00	22.44 0.27 0.00	24.66 0.23 0.00	28.12 0.20 0.00	26.38 0.16 0.00	28.30 0.07 0.00	32.03 0.16 0.00	47.37 0.25 1.18	73.28 0.67 -0.07	55.96 0.33 4.03	46.93 0.33 -1.30	45.49 0.65 -1.35	38.15 0.45 0.00	35.07 0.30 0.81
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.66 0.81 0.00	18.36 0.60 0.00	12.37 0.39 0.00	16.46 0.51 0.00	21.79 0.66 0.00	24.09 0.69 0.00	35.79 1.09 0.00	46.32 1.35 0.00	41.31 1.18 0.00	29.76 0.97 0.00	28.77 0.93 0.00	23.00 0.84 0.00	25.22 0.79 0.00	28.78 0.85 0.00	27.06 0.85 0.00	29.22 0.98 0.00	33.03 1.15 0.00	49.98 1.68 0.00	74.78 2.24 0.00	61.59 1.93 0.00	46.75 1.45 0.00	45.07 1.58 0.00	38.99 1.29 0.00	36.53 0.94 0.00
N.QUEENS_27_KV_LOAD 356247	22.00 1.14 0.00	18.63 0.87 0.00	12.54 0.56 0.00	16.68 0.73 0.00	22.10 0.96 0.00	24.44 1.05 0.00	36.16 1.45 0.00	46.71 1.74 0.00	41.89 1.75 0.00	30.30 1.51 0.00	29.29 1.45 0.00	23.43 1.26 0.00	25.68 1.25 0.00	29.28 1.36 0.00	27.54 1.32 0.00	29.74 1.50 0.00	33.49 1.62 0.00	50.56 2.26 0.00	75.56 3.03 0.00	62.29 2.64 0.00	47.30 2.00 0.00	45.61 2.12 0.00	39.48 1.77 0.00	36.95 1.36 0.00
N.TROY___115KV_TB1 355778	21.32 0.46 0.00	18.16 0.40 0.00	12.24 0.26 0.00	16.25 0.30 0.00	21.54 0.41 0.00	23.83 0.43 0.00	35.34 0.64 0.00	45.82 0.85 0.00	40.73 0.60 0.00	29.12 0.34 0.00	28.07 0.22 0.00	22.29 0.12 0.00	24.53 0.10 0.00	27.98 0.06 0.00	26.28 0.06 0.00	28.29 0.05 0.00	32.10 0.23 0.00	48.70 0.40 0.00	73.46 0.93 0.00	60.20 0.54 0.00	45.77 0.48 0.00	44.21 0.72 0.00	38.20 0.50 0.00	35.98 0.40 0.00
NARROWS_GT1_1 24228	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT1_2 24229	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT1_3 24230	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT1_4 24231	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00

NARROWS_GT1_5 24232	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT1_6 24233	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT1_7 24234	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT1_8 24235	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_1 24236	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_2 24237	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_3 24238	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_4 24239	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_5 24240	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_6 24241	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_7 24242	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NARROWS_GT2_8 24243	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.79 0.94 0.00	18.53 0.77 0.00	12.49 0.51 0.00	16.61 0.67 0.00	22.03 0.90 0.00	24.39 0.99 0.00	36.26 1.56 0.00	47.09 2.13 0.00	41.75 1.61 0.00	29.61 0.82 0.00	28.41 0.58 0.00	22.57 0.40 0.00	24.81 0.39 0.00	28.32 0.40 0.00	26.62 0.40 0.00	28.76 0.52 0.00	32.73 0.86 0.00	49.99 1.69 0.00	75.22 2.68 0.00	61.88 2.22 0.00	46.99 1.70 0.00	45.27 1.78 0.00	39.09 1.39 0.00	36.79 1.20 0.00
NCHELSEA_115KV_TR2 355582	21.81 0.95 0.00	18.49 0.73 0.00	12.45 0.47 0.00	16.57 0.63 0.00	21.96 0.83 0.00	24.29 0.89 0.00	36.08 1.38 0.00	46.76 1.79 0.00	41.66 1.53 0.00	29.92 1.14 0.00	28.88 1.04 0.00	23.03 0.86 0.00	25.24 0.82 0.00	28.80 0.88 0.00	27.07 0.85 0.00	29.22 0.98 0.00	33.04 1.17 0.00	50.14 1.84 0.00	75.27 2.74 0.00	61.98 2.31 0.00	47.04 1.75 0.00	45.30 1.81 0.00	39.13 1.43 0.00	36.70 1.12 0.00
NEG CAPITAL__MECHNVIL 23645	21.56 0.70 0.00	18.36 0.60 0.00	12.36 0.38 0.00	16.42 0.48 0.00	21.79 0.66 0.00	24.13 0.74 0.00	35.87 1.16 0.00	46.51 1.54 0.00	41.28 1.14 0.00	29.36 0.58 0.00	28.23 0.38 0.00	22.40 0.23 0.00	24.65 0.23 0.00	28.14 0.21 0.00	26.47 0.26 0.00	28.66 0.42 0.00	32.59 0.72 0.00	49.53 1.23 0.00	74.76 2.22 0.00	61.31 1.65 0.00	46.55 1.26 0.00	44.86 1.37 0.00	38.71 1.01 0.00	36.43 0.84 0.00

NEG CENTRAL_HIGH_ACRES 23767	18.26 -1.12 1.48	16.80 -0.96 0.00	11.30 -0.68 0.00	15.05 -0.89 0.00	19.99 -1.15 0.00	22.21 -1.19 0.00	33.21 -1.63 -0.13	44.26 -1.81 -1.10	39.16 -1.80 -0.82	27.49 -1.35 -0.06	26.64 -1.20 0.00	21.26 -0.91 0.00	23.49 -0.93 0.00	26.85 -1.07 0.00	25.18 -1.03 0.00	27.17 -1.07 0.00	30.70 -1.17 0.00	44.65 -1.73 1.92	64.76 -2.59 5.19	48.90 -2.06 8.70	37.06 -1.63 6.61	34.53 -1.70 7.26	32.75 -1.75 3.20	25.69 -1.39 8.50
NEG CENTRAL___DRP 24199	18.53 -0.43 1.90	17.39 -0.37 0.00	11.72 -0.26 0.00	15.60 -0.34 0.00	20.70 -0.43 0.00	22.97 -0.43 0.00	34.21 -0.49 0.00	44.53 -0.44 0.00	39.54 -0.60 0.00	28.18 -0.61 0.00	27.26 -0.58 0.00	21.73 -0.44 0.00	24.01 -0.41 0.00	27.50 -0.42 0.00	25.84 -0.38 0.00	27.90 -0.33 0.00	31.59 -0.28 0.00	47.94 -0.36 0.00	72.05 -0.49 0.00	59.42 -0.24 0.00	45.18 -0.12 0.00	43.16 -0.33 0.00	37.26 -0.44 0.00	35.23 -0.36 0.00
NEG CENTRAL___INDECK 23768	15.81 -0.95 4.09	16.95 -0.81 0.00	11.43 -0.56 0.00	15.25 -0.70 0.00	20.32 -0.80 0.01	22.67 -0.72 0.00	33.76 -0.74 0.19	44.44 -0.53 0.00	39.34 -0.80 0.00	27.83 -0.96 0.00	27.01 -0.83 0.00	21.49 -0.68 0.00	23.76 -0.66 0.00	27.61 -0.31 0.00	26.01 -0.21 0.00	28.12 -0.12 0.00	31.92 0.05 0.00	48.51 0.21 0.00	73.04 0.51 0.00	60.32 0.66 0.00	45.76 0.46 0.00	43.56 0.07 0.00	37.36 -0.34 0.00	35.64 0.06 0.00
NEG CENTRAL___SENECA 23627	17.50 -0.59 2.77	17.26 -0.50 0.00	11.63 -0.35 0.00	15.50 -0.45 0.00	20.57 -0.56 0.00	22.85 -0.55 0.00	34.09 -0.61 0.00	44.41 -0.56 0.00	39.40 -0.74 0.00	28.03 -0.76 0.00	27.13 -0.71 0.00	21.63 -0.54 0.00	23.91 -0.52 0.00	27.42 -0.50 0.00	25.75 -0.47 0.00	27.84 -0.40 0.00	31.56 -0.31 0.00	47.91 -0.39 0.00	72.08 -0.45 0.00	59.47 -0.19 0.00	45.18 -0.11 0.00	43.09 -0.39 0.00	37.15 -0.55 0.00	35.20 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	19.68 -0.10 1.08	17.68 -0.08 0.00	11.87 -0.10 0.00	15.80 -0.15 0.00	21.01 -0.12 0.00	23.23 -0.17 0.00	34.55 -0.15 0.00	44.91 -0.06 0.00	39.84 -0.30 0.00	28.44 -0.35 0.00	27.54 -0.30 0.00	21.91 -0.26 0.00	24.21 -0.21 0.00	27.68 -0.24 0.00	26.09 -0.13 0.00	28.17 -0.07 0.00	31.83 -0.04 0.00	48.30 0.00 0.00	72.35 -0.19 0.00	59.63 -0.03 0.00	45.48 0.18 0.00	43.54 0.05 0.00	37.63 -0.07 0.00	35.45 -0.13 0.00
NEG MILLWOOD___DRP 24198	21.88 1.03 0.00	18.55 0.79 0.00	12.48 0.50 0.00	16.61 0.67 0.00	22.02 0.89 0.00	24.37 0.97 0.00	36.22 1.52 0.00	46.93 1.96 0.00	41.82 1.69 0.00	30.07 1.29 0.00	29.04 1.20 0.00	23.17 1.01 0.00	25.40 0.98 0.00	28.97 1.05 0.00	27.22 1.00 0.00	29.38 1.14 0.00	33.20 1.33 0.00	50.37 2.07 0.00	75.54 3.01 0.00	62.21 2.55 0.00	47.21 1.91 0.00	45.45 1.96 0.00	39.27 1.57 0.00	36.83 1.24 0.00
NEG NORTH_FLCN_SEA 23793	20.60 -0.26 0.00	17.62 -0.14 0.00	11.93 -0.05 0.00	15.98 0.04 0.00	21.25 0.12 0.00	23.77 0.37 0.00	35.43 0.73 0.00	46.28 1.31 0.00	41.30 1.16 0.00	29.43 0.65 0.00	28.35 0.51 0.00	22.40 0.23 0.00	24.84 0.41 0.00	28.69 0.77 0.00	26.94 0.72 0.00	29.02 0.79 0.00	32.64 0.77 0.00	49.42 1.11 0.00	74.33 1.80 0.00	61.01 1.35 0.00	46.21 0.92 0.00	44.02 0.53 0.00	38.10 0.40 0.00	36.11 0.53 0.00
NEG NORTH_KES_CHATAGAY 23792	20.35 -0.51 0.00	17.41 -0.35 0.00	11.79 -0.19 0.00	15.81 -0.13 0.00	21.03 -0.10 0.00	23.50 0.10 0.00	35.02 0.32 0.00	45.78 0.81 0.00	40.96 0.82 0.00	29.21 0.42 0.00	28.11 0.27 0.00	22.20 0.03 0.00	24.66 0.24 0.00	28.42 0.49 0.00	26.66 0.44 0.00	28.74 0.50 0.00	32.30 0.43 0.00	48.95 0.64 0.00	73.65 1.12 0.00	60.49 0.84 0.00	45.82 0.52 0.00	43.56 0.07 0.00	37.73 0.03 0.00	35.82 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	20.63 -0.23 0.00	17.65 -0.11 0.00	11.94 -0.03 0.00	16.00 0.06 0.00	21.29 0.16 0.00	23.80 0.41 0.00	35.52 0.81 0.00	46.40 1.43 0.00	41.44 1.30 0.00	29.45 0.66 0.00	28.32 0.48 0.00	22.37 0.20 0.00	24.81 0.39 0.00	28.65 0.73 0.00	26.92 0.71 0.00	29.05 0.81 0.00	32.67 0.80 0.00	49.50 1.19 0.00	74.51 1.97 0.00	61.21 1.56 0.00	46.38 1.08 0.00	44.13 0.64 0.00	38.21 0.51 0.00	36.19 0.61 0.00
NEG NORTH___LWR_SARANAC 23913	20.63 -0.23 0.00	17.65 -0.11 0.00	11.94 -0.03 0.00	16.00 0.06 0.00	21.29 0.16 0.00	23.80 0.41 0.00	35.52 0.81 0.00	46.40 1.43 0.00	41.44 1.30 0.00	29.45 0.66 0.00	28.32 0.48 0.00	22.37 0.20 0.00	24.81 0.39 0.00	28.65 0.73 0.00	26.92 0.71 0.00	29.05 0.81 0.00	32.67 0.80 0.00	49.50 1.19 0.00	74.51 1.97 0.00	61.21 1.56 0.00	46.38 1.08 0.00	44.13 0.64 0.00	38.21 0.51 0.00	36.19 0.61 0.00
NEG NORTH___PLATTSBURG 23628	20.63 -0.23 0.00	17.65 -0.11 0.00	11.94 -0.03 0.00	16.00 0.06 0.00	21.29 0.16 0.00	23.81 0.41 0.00	35.51 0.81 0.00	46.38 1.41 0.00	41.43 1.30 0.00	29.44 0.66 0.00	28.32 0.48 0.00	22.37 0.20 0.00	24.81 0.39 0.00	28.66 0.73 0.00	26.92 0.71 0.00	29.05 0.81 0.00	32.67 0.80 0.00	49.50 1.19 0.00	74.51 1.97 0.00	61.22 1.56 0.00	46.38 1.08 0.00	44.13 0.64 0.00	38.21 0.51 0.00	36.19 0.61 0.00
NEG WEST_LEA_LOCKPORT 23791	16.23 -2.09 2.53	15.93 -1.83 0.00	10.68 -1.31 0.00	14.23 -1.71 0.00	18.85 -2.22 0.05	21.07 -2.31 0.02	29.72 -3.42 1.56	34.40 -3.82 6.74	31.79 -3.46 4.89	26.12 -2.46 0.20	25.80 -2.04 0.00	20.56 -1.61 0.00	22.79 -1.63 0.00	26.08 -1.84 0.00	24.48 -1.74 0.00	26.49 -1.75 0.00	29.93 -1.94 0.00	45.21 -3.09 0.01	67.55 -4.64 0.34	55.38 -3.62 0.67	42.39 -2.90 0.01	40.43 -3.06 0.00	34.64 -3.06 0.01	33.54 -2.05 0.00
NEG WEST___LANCASTER 23811	17.02 -1.16 2.68	16.78 -0.97 0.00	11.25 -0.73 0.00	14.98 -0.96 0.00	19.81 -1.27 0.05	22.10 -1.28 0.02	31.30 -1.83 1.57	36.38 -1.71 6.88	33.57 -1.51 5.05	27.40 -1.17 0.21	27.02 -0.83 0.00	21.58 -0.59 0.00	23.82 -0.60 0.00	27.31 -0.61 0.00	25.65 -0.57 0.00	27.71 -0.53 0.00	31.31 -0.56 0.00	47.47 -0.82 0.01	71.16 -1.02 0.35	58.19 -0.77 0.69	44.47 -0.82 0.01	42.36 -1.13 0.00	36.38 -1.32 0.01	35.02 -0.57 0.00
NEG_PENN_ALLEGHNY 23528	24.38 -0.23 -3.76	17.56 -0.20 0.00	11.84 -0.14 0.00	15.76 -0.18 0.00	20.89 -0.23 0.01	23.15 -0.24 0.00	34.39 -0.28 0.03	45.39 -0.14 -0.56	40.64 -0.24 -0.75	28.64 -0.15 0.00	27.79 -0.05 0.00	22.10 -0.07 0.00	24.30 -0.12 0.00	27.84 -0.08 0.00	26.07 -0.15 0.00	28.07 -0.16 0.00	31.78 -0.09 0.00	50.82 -0.29 -2.80	79.73 -0.47 -7.66	72.24 -0.32 -12.90	54.67 -0.22 -9.60	53.73 -0.31 -10.55	42.04 -0.32 -4.65	47.44 -0.25 -12.11
NEG___GEN_MONROE 24207	18.21 -0.92 1.73	16.96 -0.80 0.00	11.39 -0.59 0.00	15.20 -0.74 0.00	20.50 -0.65 -0.02	22.81 -0.60 0.00	34.55 -0.70 -0.54	49.89 -0.79 -5.71	43.41 -1.15 -4.42	28.01 -0.96 -0.18	27.09 -0.76 0.00	21.62 -0.55 0.00	23.90 -0.53 0.00	27.28 -0.64 0.00	25.64 -0.57 0.00	27.69 -0.55 0.00	31.27 -0.60 0.00	47.42 -0.89 -0.01	71.66 -1.18 -0.31	59.52 -0.75 -0.60	44.61 -0.69 -0.01	42.58 -0.92 0.00	36.56 -1.14 0.00	34.79 -0.79 0.00

NEPA__ENERGY 23901	15.78 -1.62 3.45	16.39 -1.37 0.00	11.02 -0.96 0.00	14.72 -1.23 0.00	19.47 -1.62 0.05	21.71 -1.67 0.02	30.83 -2.38 1.49	36.27 -2.68 6.02	33.13 -2.58 4.43	26.73 -1.87 0.18	26.52 -1.32 0.00	21.18 -0.99 0.00	23.34 -1.08 0.00	26.80 -1.13 0.00	25.15 -1.06 0.00	27.20 -1.04 0.00	30.83 -1.04 0.00	46.30 -1.99 0.01	69.09 -3.14 0.31	56.57 -2.48 0.61	43.29 -2.00 0.01	41.30 -2.19 0.00	35.57 -2.13 0.00	33.97 -1.61 0.00
NEVERSINK__HYD 23608	21.55 0.69 0.00	18.29 0.53 0.00	12.32 0.34 0.00	16.41 0.46 0.00	21.75 0.62 0.00	24.06 0.66 0.00	35.77 1.07 0.00	46.36 1.39 0.00	41.25 1.12 0.00	29.58 0.79 0.00	28.48 0.64 0.00	22.69 0.52 0.00	24.86 0.44 0.00	28.18 0.26 0.00	26.48 0.26 0.00	28.64 0.40 0.00	32.35 0.49 0.00	49.28 0.97 0.00	74.06 1.52 0.00	61.10 1.44 0.00	46.34 1.04 0.00	44.57 1.08 0.00	38.51 0.81 0.00	36.11 0.52 0.00
NEWKRMKL_115KV_TB1 55635	21.47 0.62 0.00	18.27 0.51 0.00	12.31 0.33 0.00	16.37 0.42 0.00	21.69 0.56 0.00	23.97 0.58 0.00	35.53 0.83 0.00	46.02 1.05 0.00	40.96 0.82 0.00	29.34 0.55 0.00	28.32 0.48 0.00	22.53 0.36 0.00	24.79 0.37 0.00	28.30 0.37 0.00	26.60 0.39 0.00	28.67 0.43 0.00	32.43 0.56 0.00	49.16 0.86 0.00	73.95 1.41 0.00	60.67 1.01 0.00	46.08 0.78 0.00	44.46 0.97 0.00	38.46 0.76 0.00	36.24 0.66 0.00
NEWTON__FALLS_HYD 23847	19.98 -0.87 0.00	17.04 -0.72 0.00	11.51 -0.47 0.00	15.35 -0.60 0.00	20.38 -0.75 0.00	22.82 -0.58 0.00	34.10 -0.60 0.00	44.34 -0.63 0.00	39.30 -0.84 0.00	28.01 -0.78 0.00	27.20 -0.64 0.00	21.60 -0.57 0.00	24.03 -0.39 0.00	27.73 -0.19 0.00	25.97 -0.25 0.00	27.99 -0.25 0.00	31.14 -0.72 0.00	47.44 -0.86 0.00	72.28 -0.26 0.00	59.76 0.10 0.00	45.07 -0.23 0.00	43.34 -0.15 0.00	37.85 0.15 0.00	35.56 -0.02 0.00
NGRID_A1_DSASP 323792	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.00	66.07 -6.38 0.08	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
NGRID_A2_DSASP 323793	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.00	66.07 -6.38 0.08	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
NGRID_A4_DSASP 323807	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.00	66.07 -6.38 0.08	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
NIAGARA_115E_LBMP 323715	15.89 -2.39 2.58	15.66 -2.10 0.00	10.49 -1.49 0.00	13.97 -1.97 0.00	18.39 -2.66 0.07	20.56 -2.82 0.02	27.91 -4.04 2.76	15.19 -4.57 25.21	17.60 -4.21 18.33	24.95 -3.16 0.68	25.12 -2.72 0.00	20.00 -2.17 0.00	22.22 -2.21 0.00	25.38 -2.55 0.00	23.80 -2.42 0.00	25.74 -2.49 0.00	29.07 -2.80 0.00	36.64 -4.40 7.26	45.20 -6.40 20.93	19.12 -5.00 35.54	16.66 -3.83 24.80	12.52 -3.73 27.24	21.81 -3.87 12.02	3.79 -2.78 29.02
NIAGARA_115W_LBMP 323714	15.94 -2.32 2.59	15.77 -1.99 0.00	10.55 -1.42 0.00	14.08 -1.86 0.00	18.48 -2.59 0.06	20.62 -2.76 0.02	28.19 -4.12 2.38	36.90 -4.81 3.26	32.27 -4.36 3.51	25.65 -3.07 0.06	25.22 -2.62 0.00	20.08 -2.09 0.00	22.29 -2.13 0.00	25.47 -2.45 0.00	23.90 -2.32 0.00	25.82 -2.41 0.00	29.14 -2.73 0.00	36.80 -4.21 7.29	45.86 -6.61 20.06	20.52 -5.35 33.79	16.37 -3.93 24.99	12.12 -3.90 27.46	21.67 -3.92 12.11	3.18 -2.64 29.77
NIAGARA_230_LBMP 323716	16.09 -2.21 2.55	15.86 -1.90 0.00	10.62 -1.36 0.00	14.16 -1.79 0.00	18.67 -2.41 0.06	20.84 -2.54 0.02	28.66 -3.78 2.26	32.03 -4.30 8.64	29.15 -3.91 7.08	25.80 -2.77 0.21	25.49 -2.35 0.00	20.30 -1.87 0.00	22.51 -1.91 0.00	25.74 -2.19 0.00	24.15 -2.07 0.00	26.10 -2.14 0.00	29.43 -2.45 0.00	37.25 -3.86 7.20	46.59 -5.91 20.03	21.04 -4.81 33.81	16.97 -3.67 24.65	12.74 -3.67 27.08	22.11 -3.64 11.95	3.48 -2.49 29.61
NIAGARA__115KV_198_GIBSON 55903	15.94 -2.33 2.59	15.77 -1.99 0.00	10.55 -1.42 0.00	14.08 -1.87 0.00	18.47 -2.60 0.06	20.62 -2.76 0.02	28.82 -4.14 1.74	38.33 -4.89 1.75	34.18 -4.38 1.58	25.66 -3.06 0.06	25.22 -2.62 0.00	20.08 -2.08 0.00	22.29 -2.13 0.00	25.47 -2.46 0.00	23.90 -2.32 0.00	25.82 -2.42 0.00	29.14 -2.73 0.00	44.07 -4.23 0.00	65.91 -6.52 0.11	54.38 -5.06 0.22	41.52 -3.77 0.00	39.61 -3.88 0.00	33.86 -3.84 0.00	32.93 -2.65 0.00
NIAGARA__ 23760	16.08 -2.21 2.56	15.86 -1.90 0.00	10.62 -1.36 0.00	14.16 -1.79 0.00	18.66 -2.41 0.06	20.84 -2.54 0.02	28.59 -3.78 2.33	30.84 -4.30 9.83	27.71 -3.91 8.52	25.72 -2.77 0.29	25.49 -2.35 0.00	20.30 -1.87 0.00	22.51 -1.91 0.00	25.74 -2.19 0.00	24.15 -2.07 0.00	26.10 -2.14 0.00	29.43 -2.45 0.00	37.22 -3.86 7.22	46.43 -5.91 20.19	20.80 -4.81 34.05	16.92 -3.67 24.70	12.68 -3.67 27.14	22.09 -3.64 11.97	3.86 -2.49 29.24
NINE_MILE_1 23575	20.27 -0.59 0.00	17.26 -0.50 0.00	11.64 -0.34 0.00	15.49 -0.45 0.00	20.53 -0.60 0.00	22.72 -0.68 0.00	33.69 -1.01 0.00	43.71 -1.26 0.00	38.95 -1.18 0.00	27.94 -0.85 0.00	27.06 -0.78 0.00	21.59 -0.58 0.00	23.78 -0.64 0.00	27.18 -0.74 0.00	25.53 -0.69 0.00	27.48 -0.75 0.00	31.01 -0.86 0.00	46.99 -1.31 0.00	70.55 -1.99 0.00	58.08 -1.57 0.00	44.11 -1.19 0.00	42.33 -1.16 0.00	36.63 -1.06 0.00	34.60 -0.99 0.00
NINE_MILE_2 23744	20.27 -0.58 0.00	17.27 -0.49 0.00	11.65 -0.34 0.00	15.49 -0.45 0.00	20.53 -0.60 0.00	22.72 -0.67 0.00	33.69 -1.01 0.00	43.71 -1.26 0.00	38.95 -1.18 0.00	27.94 -0.84 0.00	27.07 -0.77 0.00	21.59 -0.58 0.00	23.78 -0.64 0.00	27.18 -0.74 0.00	25.53 -0.68 0.00	27.49 -0.75 0.00	31.01 -0.86 0.00	46.99 -1.31 0.00	70.58 -1.95 0.00	58.09 -1.57 0.00	44.12 -1.18 0.00	42.33 -1.15 0.00	36.64 -1.06 0.00	34.60 -0.99 0.00
NM_CAPITAL__DRP 24208	21.41 0.55 0.00	18.23 0.47 0.00	12.28 0.30 0.00	16.32 0.38 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.40 0.70 0.00	45.84 0.87 0.00	40.80 0.67 0.00	29.25 0.47 0.00	28.25 0.41 0.00	22.47 0.30 0.00	24.73 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.54 0.31 0.00	32.27 0.40 0.00	48.92 0.62 0.00	73.60 1.07 0.00	60.37 0.71 0.00	45.87 0.57 0.00	44.29 0.80 0.00	38.31 0.61 0.00	36.11 0.53 0.00

NM_CENTRAL___DRP 24181	20.60 -0.26 0.00	17.54 -0.22 0.00	11.82 -0.16 0.00	15.73 -0.21 0.00	20.85 -0.28 0.00	23.09 -0.30 0.00	34.29 -0.41 0.00	44.51 -0.46 0.00	39.64 -0.50 0.00	28.39 -0.39 0.00	27.54 -0.30 0.00	21.97 -0.20 0.00	24.20 -0.23 0.00	27.67 -0.25 0.00	25.97 -0.25 0.00	27.97 -0.27 0.00	31.54 -0.33 0.00	47.84 -0.46 0.00	71.88 -0.66 0.00	59.19 -0.47 0.00	44.97 -0.33 0.00	43.10 -0.39 0.00	37.27 -0.43 0.00	35.18 -0.40 0.00
NM_FRONTIER___DRP 24179	15.94 -2.33 2.59	15.77 -1.99 0.00	10.55 -1.42 0.00	14.08 -1.87 0.00	18.47 -2.60 0.06	20.62 -2.76 0.02	28.82 -4.14 1.74	38.33 -4.89 1.75	34.18 -4.38 1.58	25.66 -3.06 0.06	25.22 -2.62 0.00	20.08 -2.08 0.00	22.29 -2.13 0.00	25.47 -2.46 0.00	23.90 -2.32 0.00	25.82 -2.42 0.00	29.14 -2.73 0.00	44.07 -4.23 0.00	65.91 -6.52 0.11	54.38 -5.06 0.22	41.52 -3.77 0.00	39.61 -3.88 0.00	33.86 -3.84 0.00	32.93 -2.65 0.00
NM_ST_REGIS___HYD 24053	20.52 -0.33 0.00	17.52 -0.23 0.00	11.86 -0.12 0.00	15.84 -0.11 0.00	21.02 -0.11 0.00	23.52 0.13 0.00	35.01 0.31 0.00	45.60 0.63 0.00	40.71 0.57 0.00	28.94 0.15 0.00	27.88 0.04 0.00	22.08 -0.09 0.00	24.56 0.13 0.00	28.36 0.43 0.00	26.57 0.35 0.00	28.54 0.31 0.00	31.81 -0.06 0.00	48.25 -0.05 0.00	72.90 0.36 0.00	60.01 0.36 0.00	45.49 0.19 0.00	43.64 0.15 0.00	38.07 0.37 0.00	36.01 0.43 0.00
NORTHPORT___1 23551	21.75 0.90 0.00	18.41 0.65 0.00	12.37 0.39 0.00	16.47 0.52 0.00	21.88 0.74 0.00	24.26 0.86 0.00	35.55 0.84 0.00	45.73 0.76 0.00	40.94 0.80 0.00	29.84 1.06 0.00	28.99 1.15 0.00	23.06 0.89 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.08 0.87 0.00	29.22 0.99 0.00	33.12 1.25 0.00	49.98 1.68 0.00	74.64 2.10 0.00	61.21 1.55 0.00	46.76 1.46 0.00	45.35 1.86 0.00	39.39 1.69 0.00	36.92 1.34 0.00
NORTHPORT___2 23552	21.75 0.90 0.00	18.41 0.65 0.00	12.37 0.39 0.00	16.47 0.52 0.00	21.88 0.74 0.00	24.26 0.86 0.00	35.55 0.84 0.00	45.73 0.76 0.00	40.94 0.80 0.00	29.84 1.06 0.00	28.99 1.15 0.00	23.06 0.89 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.08 0.87 0.00	29.22 0.99 0.00	33.12 1.25 0.00	49.98 1.68 0.00	74.64 2.10 0.00	61.21 1.55 0.00	46.76 1.46 0.00	45.35 1.86 0.00	39.39 1.69 0.00	36.92 1.34 0.00
NORTHPORT___3 23553	21.76 0.91 0.00	18.41 0.66 0.00	12.38 0.40 0.00	16.48 0.53 0.00	21.89 0.75 0.00	24.26 0.86 0.00	35.59 0.89 0.00	45.83 0.86 0.00	41.02 0.88 0.00	29.87 1.08 0.00	29.00 1.16 0.00	23.08 0.91 0.00	25.25 0.82 0.00	28.80 0.87 0.00	27.09 0.88 0.00	29.24 1.00 0.00	33.14 1.27 0.00	50.02 1.72 0.00	74.74 2.20 0.00	61.31 1.65 0.00	46.80 1.51 0.00	45.39 1.90 0.00	39.39 1.69 0.00	36.92 1.33 0.00
NORTHPORT___4 23650	21.76 0.91 0.00	18.41 0.66 0.00	12.38 0.40 0.00	16.48 0.53 0.00	21.89 0.75 0.00	24.26 0.86 0.00	35.59 0.89 0.00	45.83 0.86 0.00	41.02 0.88 0.00	29.87 1.08 0.00	29.00 1.16 0.00	23.08 0.91 0.00	25.25 0.82 0.00	28.80 0.87 0.00	27.09 0.88 0.00	29.24 1.00 0.00	33.14 1.27 0.00	50.02 1.72 0.00	74.74 2.20 0.00	61.31 1.65 0.00	46.80 1.51 0.00	45.39 1.90 0.00	39.39 1.69 0.00	36.92 1.33 0.00
NORTHPORT___IC 23718	21.75 0.90 0.00	18.41 0.65 0.00	12.37 0.39 0.00	16.47 0.53 0.00	21.88 0.75 0.00	24.26 0.86 0.00	35.55 0.85 0.00	45.72 0.75 0.00	40.94 0.81 0.00	29.85 1.06 0.00	28.99 1.15 0.00	23.06 0.89 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.08 0.87 0.00	29.22 0.99 0.00	33.12 1.25 0.00	49.99 1.68 0.00	74.61 2.07 0.00	61.16 1.50 0.00	46.72 1.42 0.00	45.35 1.86 0.00	39.37 1.67 0.00	36.92 1.34 0.00
NORTH___COUNTRY_ESR 323785	20.31 -0.55 0.00	17.38 -0.38 0.00	11.77 -0.21 0.00	15.78 -0.16 0.00	21.00 -0.14 0.00	23.45 0.06 0.00	34.94 0.24 0.00	45.65 0.68 0.00	40.87 0.73 0.00	29.19 0.40 0.00	28.11 0.27 0.00	22.20 0.03 0.00	24.66 0.23 0.00	28.40 0.48 0.00	26.66 0.44 0.00	28.71 0.47 0.00	32.25 0.38 0.00	48.85 0.54 0.00	73.45 0.91 0.00	60.36 0.70 0.00	45.70 0.40 0.00	43.46 -0.03 0.00	37.64 -0.06 0.00	35.74 0.15 0.00
NPX_GEN_1385_PROXY 323591	21.75 0.90 0.00	18.41 0.65 0.00	12.37 0.39 0.00	16.47 0.52 0.00	21.88 0.74 0.00	24.26 0.86 0.00	35.55 0.84 0.00	48.51 0.76 -2.78	40.94 0.80 0.00	29.84 1.06 0.00	28.99 1.15 0.00	23.06 0.89 0.00	25.23 0.80 0.00	28.78 0.85 0.00	27.08 0.87 0.00	29.22 0.99 0.00	33.12 1.25 0.00	49.98 1.68 0.00	74.64 2.10 0.00	61.21 1.55 0.00	46.76 1.46 0.00	45.35 1.86 0.00	39.39 1.69 0.00	36.92 1.34 0.00
NPX_GEN_CSC 323557	21.73 0.88 0.00	18.38 0.62 0.00	12.34 0.36 0.00	16.43 0.48 0.00	21.90 0.77 0.00	24.36 0.97 0.00	35.78 1.08 0.00	49.08 1.33 -2.78	41.22 1.08 0.00	29.99 1.21 0.00	28.87 1.03 0.00	22.84 0.67 0.00	24.94 0.51 0.00	28.43 0.50 0.00	26.75 0.53 0.00	28.77 0.53 0.00	32.66 0.79 0.00	49.74 1.44 0.00	74.61 2.08 0.00	60.67 1.01 0.00	46.02 0.73 0.00	45.16 1.67 0.00	39.26 1.56 0.00	36.98 1.39 0.00
NSINS_S___GLNS_FALLS 23858	21.46 0.61 0.00	18.28 0.52 0.00	12.30 0.31 0.00	16.35 0.41 0.00	21.71 0.58 0.00	24.09 0.69 0.00	35.88 1.18 0.00	46.59 1.63 0.00	41.19 1.05 0.00	29.12 0.34 0.00	27.91 0.07 0.00	22.10 -0.07 0.00	24.31 -0.11 0.00	27.74 -0.18 0.00	26.12 -0.10 0.00	28.37 0.13 0.00	32.38 0.52 0.00	49.49 1.19 0.00	74.82 2.29 0.00	61.27 1.62 0.00	46.49 1.19 0.00	44.81 1.32 0.00	38.55 0.85 0.00	36.21 0.63 0.00
NUCOR_STEEL___DRP 24197	19.89 -0.09 0.88	17.69 -0.07 0.00	11.88 -0.10 0.00	15.80 -0.14 0.00	21.02 -0.11 0.00	23.22 -0.17 0.00	34.55 -0.15 0.00	44.89 -0.08 0.00	39.82 -0.31 0.00	28.44 -0.35 0.00	27.54 -0.30 0.00	21.92 -0.25 0.00	24.21 -0.21 0.00	27.67 -0.25 0.00	26.09 -0.12 0.00	28.17 -0.07 0.00	31.83 -0.04 0.00	48.29 -0.02 0.00	72.27 -0.27 0.00	59.56 -0.10 0.00	45.44 0.14 0.00	43.52 0.03 0.00	37.63 -0.07 0.00	35.42 -0.16 0.00
NUMBER_THREE_WT_PWR 323818	19.82 -1.04 0.00	16.88 -0.88 0.00	11.39 -0.59 0.00	15.16 -0.78 0.00	20.16 -0.97 0.00	22.55 -0.85 0.00	33.87 -0.83 0.00	44.01 -0.96 0.00	38.78 -1.36 0.00	27.79 -0.99 0.00	27.23 -0.61 0.00	21.65 -0.52 0.00	24.04 -0.39 0.00	27.67 -0.25 0.00	25.94 -0.27 0.00	28.15 -0.09 0.00	31.35 -0.52 0.00	48.00 -0.30 0.00	73.55 1.01 0.00	61.00 1.34 0.00	45.69 0.39 0.00	43.91 0.42 0.00	38.33 0.63 0.00	35.81 0.22 0.00
NYISO_LBMP_REFERENCE 24008	20.86 0.00 0.00	17.76 0.00 0.00	11.98 0.00 0.00	15.94 0.00 0.00	21.13 0.00 0.00	23.40 0.00 0.00	34.70 0.00 0.00	44.97 0.00 0.00	40.14 0.00 0.00	28.79 0.00 0.00	27.84 0.00 0.00	22.17 0.00 0.00	24.42 0.00 0.00	27.93 0.00 0.00	26.22 0.00 0.00	28.24 0.00 0.00	31.87 0.00 0.00	48.30 0.00 0.00	72.54 0.00 0.00	59.66 0.00 0.00	45.30 0.00 0.00	43.49 0.00 0.00	37.70 0.00 0.00	35.59 0.00 0.00

NYPA_BRENTWD____GT 24164	21.96 1.11 0.00	18.58 0.82 0.00	12.48 0.50 0.00	16.62 0.68 0.00	22.08 0.95 0.00	24.51 1.11 0.00	36.03 1.32 0.00	46.47 1.50 0.00	41.55 1.42 0.00	30.21 1.43 0.00	29.27 1.43 0.00	23.25 1.08 0.00	25.42 0.99 0.00	28.95 1.03 0.00	27.24 1.02 0.00	29.39 1.15 0.00	33.36 1.49 0.00	50.49 2.19 0.00	75.60 3.07 0.00	61.87 2.21 0.00	47.27 1.97 0.00	45.86 2.37 0.00	39.77 2.06 0.00	37.25 1.67 0.00
NYPA_GOWANUS____GT5 24156	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NYPA_GOWANUS____GT6 24157	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.98 0.00	24.46 1.06 0.00	36.35 1.65 0.00	46.96 1.99 0.00	42.02 1.88 0.00	30.36 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.70 1.28 0.00	29.30 1.38 0.00	27.56 1.35 0.00	29.76 1.53 0.00	33.60 1.73 0.00	50.76 2.45 0.00	75.81 3.28 0.00	62.49 2.84 0.00	47.45 2.16 0.00	45.74 2.25 0.00	39.58 1.88 0.00	37.05 1.47 0.00
NYPA_HARLEM__RVR__GT1 24160	21.98 1.12 0.00	18.61 0.86 0.00	12.54 0.56 0.00	16.67 0.73 0.00	22.09 0.96 0.00	24.44 1.04 0.00	36.13 1.43 0.00	46.66 1.70 0.00	41.83 1.70 0.00	30.26 1.47 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.64 1.21 0.00	29.23 1.31 0.00	27.49 1.28 0.00	29.68 1.45 0.00	33.45 1.58 0.00	50.50 2.20 0.00	75.47 2.93 0.00	62.25 2.59 0.00	47.26 1.96 0.00	45.55 2.06 0.00	39.45 1.75 0.00	36.92 1.33 0.00
NYPA_HARLEM__RVR__GT2 24161	21.98 1.12 0.00	18.61 0.86 0.00	12.54 0.56 0.00	16.67 0.73 0.00	22.09 0.96 0.00	24.44 1.04 0.00	36.13 1.43 0.00	46.66 1.70 0.00	41.83 1.70 0.00	30.26 1.47 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.64 1.21 0.00	29.23 1.31 0.00	27.49 1.28 0.00	29.68 1.45 0.00	33.45 1.58 0.00	50.50 2.20 0.00	75.47 2.93 0.00	62.25 2.59 0.00	47.26 1.96 0.00	45.55 2.06 0.00	39.45 1.75 0.00	36.92 1.33 0.00
NYPA_KENT____GT 24152	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.71 0.76 0.00	22.13 1.00 0.00	24.47 1.07 0.00	36.34 1.63 0.00	46.93 1.96 0.00	41.99 1.85 0.00	30.36 1.58 0.00	29.35 1.51 0.00	23.47 1.31 0.00	25.73 1.30 0.00	29.33 1.41 0.00	27.58 1.37 0.00	29.79 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.82 3.28 0.00	62.47 2.81 0.00	47.44 2.14 0.00	45.73 2.23 0.00	39.58 1.88 0.00	37.06 1.47 0.00
NYPA_POUCH1____GT 24155	21.99 1.13 0.00	18.63 0.87 0.00	12.54 0.56 0.00	16.67 0.73 0.00	22.08 0.95 0.00	24.42 1.02 0.00	36.34 1.64 0.00	46.95 1.98 0.00	41.99 1.85 0.00	30.33 1.55 0.00	29.24 1.40 0.00	23.38 1.21 0.00	25.61 1.19 0.00	29.21 1.28 0.00	27.47 1.25 0.00	29.67 1.43 0.00	33.49 1.62 0.00	50.60 2.29 0.00	75.57 3.03 0.00	62.35 2.69 0.00	47.36 2.06 0.00	45.65 2.17 0.00	39.48 1.78 0.00	36.95 1.37 0.00
NYPA_VERNON____GT2 24162	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.49 1.09 0.00	36.33 1.63 0.00	46.93 1.96 0.00	41.99 1.85 0.00	30.37 1.58 0.00	29.37 1.53 0.00	23.49 1.32 0.00	25.75 1.32 0.00	29.35 1.43 0.00	27.60 1.38 0.00	29.80 1.56 0.00	33.63 1.76 0.00	50.80 2.50 0.00	75.83 3.30 0.00	62.44 2.78 0.00	47.41 2.12 0.00	45.70 2.21 0.00	39.58 1.88 0.00	37.06 1.47 0.00
NYPA_VERNON____GT3 24163	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.49 1.09 0.00	36.33 1.63 0.00	46.93 1.96 0.00	41.99 1.85 0.00	30.37 1.58 0.00	29.37 1.53 0.00	23.49 1.32 0.00	25.75 1.32 0.00	29.35 1.43 0.00	27.60 1.38 0.00	29.80 1.56 0.00	33.63 1.76 0.00	50.80 2.50 0.00	75.83 3.30 0.00	62.44 2.78 0.00	47.41 2.12 0.00	45.70 2.21 0.00	39.58 1.88 0.00	37.06 1.47 0.00
NYPA__ASTORIA_CC1 323568	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.49 1.09 0.00	36.31 1.60 0.00	46.90 1.94 0.00	41.96 1.82 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.34 1.41 0.00	27.58 1.37 0.00	29.79 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.78 3.25 0.00	62.39 2.74 0.00	47.38 2.09 0.00	45.68 2.19 0.00	39.56 1.86 0.00	37.05 1.46 0.00
NYPA__ASTORIA_CC2 323569	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.49 1.09 0.00	36.31 1.60 0.00	46.90 1.94 0.00	41.96 1.82 0.00	30.35 1.57 0.00	29.36 1.52 0.00	23.49 1.32 0.00	25.74 1.31 0.00	29.34 1.41 0.00	27.58 1.37 0.00	29.79 1.55 0.00	33.62 1.75 0.00	50.78 2.48 0.00	75.78 3.25 0.00	62.39 2.74 0.00	47.38 2.09 0.00	45.68 2.19 0.00	39.56 1.86 0.00	37.05 1.46 0.00
NYPA__HOLTSVILL 23794	21.72 0.86 0.00	18.38 0.62 0.00	12.34 0.36 0.00	16.43 0.48 0.00	21.87 0.74 0.00	24.28 0.89 0.00	35.65 0.95 0.00	45.97 1.00 0.00	41.04 0.91 0.00	29.90 1.11 0.00	28.89 1.05 0.00	22.92 0.75 0.00	25.05 0.63 0.00	28.68 0.76 0.00	27.00 0.79 0.00	29.13 0.89 0.00	33.05 1.18 0.00	50.06 1.75 0.00	74.98 2.45 0.00	61.37 1.71 0.00	46.75 1.45 0.00	45.48 1.99 0.00	39.45 1.75 0.00	37.00 1.41 0.00
NYPA__HELLGATE_GT1 24158	21.98 1.12 0.00	18.61 0.86 0.00	12.54 0.56 0.00	16.67 0.73 0.00	22.09 0.96 0.00	24.44 1.04 0.00	36.13 1.43 0.00	46.66 1.70 0.00	41.82 1.69 0.00	30.23 1.45 0.00	29.26 1.41 0.00	23.40 1.23 0.00	25.64 1.21 0.00	29.23 1.31 0.00	27.49 1.28 0.00	29.68 1.45 0.00	33.45 1.58 0.00	50.50 2.20 0.00	75.47 2.93 0.00	62.25 2.59 0.00	47.26 1.96 0.00	45.55 2.06 0.00	39.45 1.75 0.00	36.92 1.33 0.00
NYPA__HELLGATE_GT2 24159	21.98 1.12 0.00	18.61 0.86 0.00	12.54 0.56 0.00	16.67 0.73 0.00	22.09 0.96 0.00	24.44 1.04 0.00	36.13 1.43 0.00	46.66 1.70 0.00	41.82 1.69 0.00	30.23 1.45 0.00	29.26 1.41 0.00	23.40 1.23 0.00	25.64 1.21 0.00	29.23 1.31 0.00	27.49 1.28 0.00	29.68 1.45 0.00	33.45 1.58 0.00	50.50 2.20 0.00	75.47 2.93 0.00	62.25 2.59 0.00	47.26 1.96 0.00	45.55 2.06 0.00	39.45 1.75 0.00	36.92 1.33 0.00
NYS_BARGE__HYD 23848	16.30 -2.08 2.48	15.94 -1.82 0.00	10.68 -1.30 0.00	14.22 -1.72 0.00	18.66 -2.36 0.11	20.90 -2.47 0.04	27.54 -3.47 3.70	106.35 -3.71 -65.09	77.18 -3.34 -40.38	27.96 -2.57 -1.75	25.69 -2.15 0.00	20.46 -1.71 0.00	22.70 -1.73 0.00	25.91 -2.02 0.00	24.31 -1.91 0.00	26.32 -1.92 0.00	29.73 -2.14 0.00	38.58 -3.30 6.42	52.94 -4.72 14.87	31.82 -3.62 24.22	20.18 -2.85 22.26	16.16 -2.83 24.49	23.81 -3.12 10.78	7.23 -2.18 26.18

OAK ORCHARD__HYD 24046	18.24 -0.92 1.69	16.96 -0.80 0.00	11.40 -0.58 0.00	15.19 -0.75 0.00	20.25 -0.90 -0.02	22.50 -0.90 0.00	33.82 -1.22 -0.33	47.35 -1.23 -3.60	41.12 -1.30 -2.29	27.91 -1.00 -0.12	27.06 -0.78 0.00	21.58 -0.59 0.00	23.85 -0.58 0.00	27.27 -0.66 0.00	25.60 -0.62 0.00	27.59 -0.64 0.00	31.17 -0.70 0.00	44.63 -1.06 2.62	64.00 -1.55 6.98	46.74 -1.23 11.69	35.29 -1.01 9.00	32.46 -1.14 9.89	32.05 -1.29 4.36	22.84 -0.92 11.83
OAKDALE__35_KV_LOAD 356122	24.83 -0.27 -4.24	17.52 -0.24 0.00	11.82 -0.16 0.00	15.73 -0.21 0.00	20.85 -0.27 0.01	23.09 -0.30 0.00	34.02 -0.40 0.28	44.47 -0.49 0.00	39.60 -0.54 0.00	28.48 -0.31 0.00	27.67 -0.17 0.00	22.01 -0.16 0.00	24.18 -0.24 0.00	27.69 -0.23 0.00	25.96 -0.25 0.00	28.00 -0.24 0.00	31.66 -0.21 0.00	47.92 -0.38 0.00	71.91 -0.62 0.00	59.21 -0.45 0.00	44.96 -0.34 0.00	43.08 -0.41 0.00	37.30 -0.40 0.00	35.25 -0.33 0.00
OCC_CHEM__DRP 24175	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.00	66.07 -6.38 0.08	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
OH_GEN_PROXY 24063	16.16 -2.16 2.54	15.91 -1.85 0.00	10.66 -1.32 0.00	14.21 -1.73 0.00	18.74 -2.34 0.05	20.90 -2.48 0.02	28.78 -3.69 2.24	84.30 -4.18 -43.51	29.60 -3.80 6.73	25.90 -2.69 0.20	25.57 -2.27 0.00	20.36 -1.81 0.00	22.57 -1.85 0.00	25.81 -2.11 0.00	24.21 -2.00 0.00	26.16 -2.08 0.00	29.50 -2.37 0.00	36.97 -3.75 7.58	45.70 -5.76 21.07	19.42 -4.69 35.54	15.72 -3.59 25.99	11.35 -3.59 28.55	21.55 -3.56 12.59	1.77 -2.46 31.36
OLIN_CORP_DRP 24177	15.91 -2.35 2.60	15.70 -2.06 0.00	10.52 -1.47 0.00	14.01 -1.93 0.00	18.44 -2.62 0.07	20.61 -2.77 0.02	28.69 -4.00 2.02	19.67 -4.56 20.74	21.56 -4.17 14.41	25.10 -3.09 0.60	25.19 -2.65 0.00	20.06 -2.11 0.00	22.27 -2.15 0.00	25.44 -2.49 0.00	23.87 -2.35 0.00	25.80 -2.44 0.00	29.14 -2.73 0.00	43.97 -4.31 0.03	65.30 -6.23 1.01	52.94 -4.75 1.97	41.65 -3.62 0.02	39.81 -3.67 0.01	33.94 -3.75 0.01	32.86 -2.72 0.00
OLIN_CORP_DSASP 323712	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.00	66.07 -6.38 0.08	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
ONEIDA_HERK_LFGE 323681	20.65 -0.21 0.00	17.58 -0.18 0.00	11.86 -0.12 0.00	15.79 -0.16 0.00	20.96 -0.17 0.00	23.34 -0.06 0.00	34.85 0.15 0.00	45.23 0.26 0.00	40.07 -0.07 0.00	28.62 -0.16 0.00	27.84 0.00 0.00	22.15 -0.02 0.00	24.50 0.07 0.00	28.10 0.17 0.00	26.40 0.18 0.00	28.51 0.28 0.00	32.01 0.14 0.00	48.85 0.55 0.00	74.12 1.59 0.00	61.18 1.52 0.00	46.17 0.88 0.00	44.33 0.84 0.00	38.46 0.76 0.00	36.09 0.51 0.00
ONEIDA__115KV_TB4 55905	21.05 0.19 0.00	17.91 0.15 0.00	12.09 0.11 0.00	16.09 0.14 0.00	21.35 0.22 0.00	23.73 0.33 0.00	35.38 0.67 0.00	45.85 0.88 0.00	40.73 0.59 0.00	28.96 0.18 0.00	28.12 0.28 0.00	22.42 0.25 0.00	24.73 0.30 0.00	28.27 0.35 0.00	26.62 0.40 0.00	28.67 0.43 0.00	32.29 0.42 0.00	49.18 0.88 0.00	74.44 1.90 0.00	61.34 1.68 0.00	46.49 1.19 0.00	44.55 1.06 0.00	38.52 0.82 0.00	36.25 0.67 0.00
ONONDAGA_REF_OCCRA 23987	20.70 -0.16 0.00	17.62 -0.14 0.00	11.88 -0.10 0.00	15.81 -0.13 0.00	20.95 -0.18 0.00	23.21 -0.19 0.00	34.48 -0.22 0.00	44.75 -0.22 0.00	39.84 -0.30 0.00	28.51 -0.28 0.00	27.64 -0.20 0.00	22.03 -0.13 0.00	24.27 -0.15 0.00	27.77 -0.15 0.00	26.07 -0.15 0.00	28.07 -0.17 0.00	31.67 -0.20 0.00	48.06 -0.24 0.00	72.23 -0.30 0.00	59.50 -0.16 0.00	45.21 -0.09 0.00	43.31 -0.18 0.00	37.46 -0.24 0.00	35.35 -0.24 0.00
ONONDAGA__COGEN 23986	20.11 -0.18 0.56	17.60 -0.16 0.00	11.86 -0.11 0.00	15.78 -0.16 0.00	20.93 -0.21 0.00	23.17 -0.23 0.00	34.43 -0.27 0.00	44.68 -0.29 0.00	39.76 -0.38 0.00	28.46 -0.32 0.00	27.59 -0.25 0.00	21.99 -0.18 0.00	24.23 -0.19 0.00	27.71 -0.21 0.00	26.02 -0.20 0.00	28.04 -0.20 0.00	31.64 -0.23 0.00	47.98 -0.32 0.00	72.07 -0.46 0.00	59.35 -0.31 0.00	45.13 -0.17 0.00	43.25 -0.24 0.00	37.40 -0.29 0.00	35.29 -0.29 0.00
ONTARIO__LFGE 23819	17.50 -0.59 2.77	17.26 -0.50 0.00	11.63 -0.35 0.00	15.50 -0.44 0.00	20.57 -0.56 0.00	22.86 -0.54 0.00	34.09 -0.61 0.00	44.42 -0.55 0.00	39.40 -0.74 0.00	28.03 -0.76 0.00	27.13 -0.71 0.00	21.63 -0.54 0.00	23.91 -0.52 0.00	27.42 -0.50 0.00	25.75 -0.47 0.00	27.84 -0.40 0.00	31.56 -0.31 0.00	47.91 -0.39 0.00	72.05 -0.48 0.00	59.40 -0.26 0.00	45.13 -0.17 0.00	43.08 -0.41 0.00	37.13 -0.57 0.00	35.20 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	14.44 -2.23 4.19	15.91 -1.85 0.00	10.73 -1.25 0.00	14.32 -1.62 0.00	18.96 -2.13 0.04	21.18 -2.21 0.01	30.03 -3.14 1.53	35.80 -3.52 5.64	32.29 -3.31 4.54	26.10 -2.53 0.15	25.73 -2.11 0.00	20.57 -1.60 0.00	22.75 -1.67 0.00	26.30 -1.62 0.00	24.77 -1.45 0.00	26.88 -1.36 0.00	30.49 -1.38 0.00	42.49 -2.22 3.59	58.97 -3.51 10.06	39.90 -2.78 16.99	30.77 -2.24 12.28	27.59 -2.40 13.50	29.36 -2.38 5.96	19.62 -1.54 14.43
ORANGEVILLE__ESR 323794	14.44 -2.23 4.19	15.91 -1.85 0.00	10.73 -1.25 0.00	14.32 -1.62 0.00	18.96 -2.13 0.04	21.18 -2.21 0.01	30.03 -3.14 1.53	35.80 -3.52 5.64	32.29 -3.31 4.54	26.10 -2.53 0.15	25.73 -2.11 0.00	20.57 -1.60 0.00	22.75 -1.67 0.00	26.30 -1.62 0.00	24.77 -1.45 0.00	26.88 -1.36 0.00	30.49 -1.38 0.00	42.49 -2.22 3.59	58.97 -3.51 10.06	39.90 -2.78 16.99	30.77 -2.24 12.28	27.59 -2.40 13.50	29.36 -2.38 5.96	19.62 -1.54 14.43
OSWEGATCHIE__HYD 24044	19.98 -0.87 0.00	17.04 -0.72 0.00	11.51 -0.47 0.00	15.35 -0.60 0.00	20.38 -0.75 0.00	22.82 -0.58 0.00	34.10 -0.60 0.00	44.33 -0.64 0.00	39.30 -0.84 0.00	28.01 -0.78 0.00	27.20 -0.64 0.00	21.60 -0.57 0.00	24.03 -0.39 0.00	27.73 -0.19 0.00	25.97 -0.25 0.00	27.99 -0.25 0.00	31.14 -0.72 0.00	47.44 -0.86 0.00	72.28 -0.25 0.00	59.78 0.12 0.00	45.08 -0.22 0.00	43.35 -0.14 0.00	37.86 0.16 0.00	35.56 -0.02 0.00
OSWEGO__5 23606	20.36 -0.50 0.00	17.34 -0.42 0.00	11.69 -0.29 0.00	15.56 -0.38 0.00	20.62 -0.51 0.00	22.83 -0.57 0.00	33.87 -0.83 0.00	43.94 -1.03 0.00	39.15 -0.99 0.00	28.07 -0.72 0.00	27.20 -0.65 0.00	21.69 -0.49 0.00	23.90 -0.53 0.00	27.31 -0.61 0.00	25.65 -0.57 0.00	27.62 -0.61 0.00	31.16 -0.71 0.00	47.23 -1.07 0.00	70.96 -1.58 0.00	58.41 -1.25 0.00	44.35 -0.94 0.00	42.56 -0.93 0.00	36.83 -0.87 0.00	34.78 -0.81 0.00

OSWEGO___6 23613	20.36 -0.50 0.00	17.34 -0.42 0.00	11.69 -0.29 0.00	15.56 -0.38 0.00	20.62 -0.51 0.00	22.83 -0.57 0.00	33.87 -0.83 0.00	43.94 -1.03 0.00	39.15 -0.99 0.00	28.07 -0.72 0.00	27.20 -0.65 0.00	21.69 -0.49 0.00	23.90 -0.53 0.00	27.31 -0.61 0.00	25.65 -0.57 0.00	27.62 -0.61 0.00	31.16 -0.71 0.00	47.23 -1.07 0.00	70.96 -1.58 0.00	58.41 -1.25 0.00	44.35 -0.94 0.00	42.56 -0.93 0.00	36.83 -0.87 0.00	34.78 -0.81 0.00
OUTOKUMPU-AB___DRP 24206	16.30 -1.91 2.64	16.12 -1.64 0.00	10.79 -1.19 0.00	14.39 -1.56 0.00	18.97 -2.10 0.07	21.21 -2.17 0.02	29.58 -3.15 1.96	51.00 -3.45 -9.49	42.49 -3.12 -5.48	26.78 -2.24 -0.23	26.03 -1.81 0.00	20.74 -1.44 0.00	22.99 -1.44 0.00	26.29 -1.63 0.00	24.67 -1.54 0.00	26.68 -1.56 0.00	30.15 -1.72 0.00	45.66 -2.65 -0.01	68.94 -3.98 -0.38	57.41 -3.00 -0.75	42.89 -2.41 -0.01	40.88 -2.61 0.00	34.98 -2.72 -0.01	33.75 -1.83 0.00
OXBOW___BTM 323836	16.11 -2.13 2.62	15.93 -1.83 0.00	10.66 -1.32 0.00	14.22 -1.72 0.00	18.72 -2.35 0.07	20.91 -2.46 0.02	28.55 -3.64 2.52	43.69 -4.11 -2.84	36.65 -3.73 -0.24	26.23 -2.65 -0.09	25.63 -2.21 0.00	20.41 -1.76 0.00	22.64 -1.79 0.00	25.89 -2.04 0.00	24.28 -1.94 0.00	26.26 -1.98 0.00	29.66 -2.21 0.00	37.53 -3.41 7.37	47.18 -5.33 20.03	21.73 -4.27 33.66	16.77 -3.25 25.27	12.45 -3.27 27.78	22.09 -3.36 12.25	3.49 -2.25 29.84
OXBOW___ 24026	16.10 -2.13 2.62	15.93 -1.83 0.00	10.66 -1.32 0.00	14.22 -1.73 0.00	18.71 -2.36 0.07	20.91 -2.47 0.02	29.19 -3.66 1.86	45.15 -4.18 -4.36	38.59 -3.75 -2.20	26.23 -2.65 -0.09	25.63 -2.21 0.00	20.41 -1.76 0.00	22.64 -1.79 0.00	25.88 -2.05 0.00	24.28 -1.94 0.00	26.25 -1.98 0.00	29.65 -2.22 0.00	44.87 -3.43 0.00	67.46 -5.23 -0.15	55.94 -4.02 -0.30	42.20 -3.10 0.00	40.24 -3.25 0.00	34.41 -3.29 0.00	33.32 -2.26 0.00
OXY_CHEM_DSASP 323612	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.08	66.07 -6.38 0.16	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
OZONE_PARK_ESR 323760	22.10 1.25 0.00	18.72 0.96 0.00	12.60 0.62 0.00	16.77 0.82 0.00	22.21 1.07 0.00	24.57 1.17 0.00	36.50 1.80 0.00	47.24 2.27 0.00	42.19 2.06 0.00	30.48 1.69 0.00	29.49 1.65 0.00	23.57 1.40 0.00	25.84 1.41 0.00	29.44 1.52 0.00	27.69 1.47 0.00	29.89 1.65 0.00	33.75 1.88 0.00	51.03 2.73 0.00	76.24 3.70 0.00	62.81 3.15 0.00	47.70 2.41 0.00	45.95 2.46 0.00	39.74 2.04 0.00	37.23 1.65 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.50 -2.57 0.06	20.66 -2.72 0.02	28.86 -4.09 1.75	38.89 -4.79 1.28	34.68 -4.31 1.15	25.73 -3.01 0.05	25.27 -2.57 0.00	20.12 -2.05 0.00	22.33 -2.09 0.00	25.51 -2.41 0.00	23.94 -2.28 0.00	25.87 -2.36 0.00	29.20 -2.67 0.00	44.16 -4.14 0.08	66.07 -6.38 0.16	54.55 -4.95 0.16	41.59 -3.70 0.00	39.67 -3.82 0.00	33.92 -3.78 0.00	32.98 -2.61 0.00
PACKARD___115KV_DUPONT_184 80571	15.96 -2.30 2.59	15.79 -1.97 0.00	10.57 -1.41 0.00	14.10 -1.85 0.00	18.51 -2.56 0.06	20.66 -2.71 0.02	28.24 -4.06 2.40	37.46 -4.72 2.79	32.77 -4.28 3.09	25.73 -3.01 0.05	25.28 -2.57 0.00	20.12 -2.05 0.00	22.34 -2.09 0.00	25.53 -2.40 0.00	23.94 -2.28 0.00	25.88 -2.36 0.00	29.21 -2.66 0.00	36.88 -4.13 7.30	46.00 -6.47 20.06	20.64 -5.23 33.79	16.40 -3.87 25.03	12.14 -3.84 27.51	21.71 -3.86 12.13	3.20 -2.60 29.79
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.00 1.15 0.00	18.64 0.88 0.00	12.55 0.57 0.00	16.71 0.76 0.00	22.14 1.00 0.00	24.49 1.09 0.00	36.23 1.53 0.00	46.80 1.83 0.00	41.89 1.75 0.00	30.27 1.48 0.00	29.28 1.45 0.00	23.42 1.25 0.00	25.65 1.23 0.00	29.25 1.32 0.00	27.51 1.29 0.00	29.69 1.46 0.00	33.50 1.63 0.00	50.59 2.29 0.00	75.63 3.09 0.00	62.33 2.67 0.00	47.33 2.03 0.00	45.64 2.15 0.00	39.49 1.79 0.00	37.00 1.41 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.59 1.74 0.00	19.14 1.38 0.00	12.89 0.91 0.00	17.14 1.20 0.00	22.69 1.56 0.00	25.12 1.73 0.00	37.25 2.54 0.00	48.02 3.05 0.00	42.94 2.80 0.00	30.98 2.19 0.00	30.01 2.17 0.00	24.04 1.87 0.00	26.30 1.88 0.00	29.99 2.06 0.00	28.19 1.98 0.00	30.44 2.21 0.00	34.35 2.48 0.00	51.85 3.55 0.00	77.53 4.99 0.00	63.91 4.25 0.00	48.53 3.23 0.00	46.76 3.27 0.00	40.47 2.77 0.00	37.94 2.35 0.00
PATROON___115KV_TB1 80586	21.49 0.64 0.00	18.29 0.53 0.00	12.33 0.35 0.00	16.38 0.44 0.00	21.71 0.58 0.00	24.00 0.60 0.00	35.58 0.88 0.00	46.08 1.12 0.00	41.01 0.87 0.00	29.37 0.59 0.00	28.36 0.51 0.00	22.55 0.38 0.00	24.82 0.39 0.00	28.32 0.40 0.00	26.63 0.41 0.00	28.71 0.47 0.00	32.48 0.61 0.00	49.24 0.94 0.00	74.06 1.53 0.00	60.74 1.08 0.00	46.15 0.86 0.00	44.52 1.03 0.00	38.50 0.80 0.00	36.29 0.70 0.00
PATRSNVILLE___SOLAR 323815	21.34 0.48 0.00	18.15 0.40 0.00	12.24 0.26 0.00	16.29 0.34 0.00	21.60 0.46 0.00	23.92 0.52 0.00	35.52 0.82 0.00	46.06 1.09 0.00	40.85 0.71 0.00	28.97 0.18 0.00	27.82 -0.02 0.00	22.12 -0.04 0.00	24.37 -0.05 0.00	27.84 -0.09 0.00	26.25 0.03 0.00	28.53 0.29 0.00	32.36 0.49 0.00	49.12 0.82 0.00	74.14 1.61 0.00	61.02 1.36 0.00	46.33 1.03 0.00	44.52 1.04 0.00	38.53 0.83 0.00	36.31 0.72 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.68 -1.34 2.84	16.62 -1.14 0.00	11.14 -0.84 0.00	14.84 -1.11 0.00	19.60 -1.47 0.06	21.90 -1.48 0.02	30.93 -2.12 1.65	34.71 -2.08 8.17	32.34 -1.85 5.94	27.15 -1.40 0.25	26.81 -1.03 0.00	21.41 -0.76 0.00	23.65 -0.77 0.00	27.11 -0.81 0.00	25.46 -0.75 0.00	27.52 -0.72 0.00	31.10 -0.77 0.00	47.10 -1.19 0.01	70.50 -1.62 0.42	57.66 -1.19 0.81	44.16 -1.13 0.01	42.07 -1.42 0.00	36.08 -1.61 0.01	34.76 -0.83 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.88 1.03 0.00	18.55 0.79 0.00	12.48 0.50 0.00	16.61 0.67 0.00	22.02 0.89 0.00	24.37 0.97 0.00	36.22 1.52 0.00	46.93 1.96 0.00	41.82 1.69 0.00	30.07 1.29 0.00	29.04 1.20 0.00	23.17 1.01 0.00	25.40 0.98 0.00	28.97 1.05 0.00	27.22 1.00 0.00	29.38 1.14 0.00	33.20 1.33 0.00	50.37 2.07 0.00	75.54 3.01 0.00	62.21 2.55 0.00	47.21 1.91 0.00	45.45 1.96 0.00	39.27 1.57 0.00	36.83 1.24 0.00
PEEKSKILL___ 23653	21.70 0.84 0.00	18.39 0.63 0.00	12.38 0.40 0.00	16.48 0.54 0.00	21.83 0.70 0.00	24.13 0.74 0.00	35.84 1.14 0.00	46.38 1.42 0.00	41.38 1.24 0.00	29.83 1.04 0.00	28.84 1.00 0.00	23.04 0.87 0.00	25.27 0.84 0.00	28.82 0.90 0.00	27.09 0.88 0.00	29.24 1.00 0.00	33.03 1.16 0.00	49.99 1.69 0.00	74.84 2.31 0.00	61.64 1.98 0.00	46.79 1.50 0.00	45.09 1.60 0.00	39.01 1.31 0.00	36.56 0.97 0.00

PGE MADISON___WINDPWR 24146	22.02 0.61 -0.56	18.15 0.38 0.00	12.26 0.28 0.00	16.31 0.37 0.00	21.65 0.52 0.01	23.94 0.55 0.00	35.94 1.41 0.17	46.73 1.76 0.00	41.13 0.99 0.00	29.16 0.38 0.00	28.47 0.63 0.00	22.53 0.36 0.00	25.06 0.64 0.00	28.60 0.67 0.00	26.84 0.62 0.00	29.21 0.97 0.00	33.09 1.22 0.00	51.39 3.09 0.00	77.84 5.31 0.00	64.39 4.73 0.00	48.74 3.45 0.00	46.45 2.97 0.00	39.84 2.14 0.00	37.50 1.91 0.00
PIERCEFIELD___HYD 23852	20.52 -0.33 0.00	17.52 -0.24 0.00	11.85 -0.13 0.00	15.81 -0.13 0.00	20.98 -0.16 0.00	23.47 0.07 0.00	34.89 0.19 0.00	45.38 0.41 0.00	40.48 0.34 0.00	28.79 0.00 0.00	27.78 -0.06 0.00	22.02 -0.15 0.00	24.49 0.06 0.00	28.26 0.34 0.00	26.46 0.24 0.00	28.40 0.16 0.00	31.58 -0.29 0.00	47.92 -0.39 0.00	72.40 -0.13 0.00	59.65 -0.01 0.00	45.23 -0.07 0.00	43.51 0.02 0.00	38.02 0.32 0.00	35.94 0.36 0.00
PINELAWN_CC_1 323563	21.90 1.04 0.00	18.52 0.77 0.00	12.45 0.47 0.00	16.57 0.63 0.00	22.01 0.88 0.00	24.40 1.01 0.00	35.94 1.24 0.00	46.44 1.47 0.00	41.51 1.37 0.00	30.11 1.33 0.00	29.14 1.30 0.00	23.17 1.00 0.00	25.33 0.90 0.00	28.86 0.94 0.00	27.16 0.94 0.00	29.33 1.09 0.00	33.26 1.39 0.00	50.31 2.01 0.00	75.39 2.85 0.00	61.89 2.23 0.00	47.19 1.90 0.00	45.70 2.22 0.00	39.61 1.91 0.00	37.10 1.52 0.00
PJM_GEN_HTP_PROXY 323702	21.90 1.04 0.00	18.55 0.79 0.00	12.49 0.51 0.00	16.63 0.68 0.00	22.02 0.89 0.00	24.35 0.95 0.00	36.32 1.45 -0.17	50.54 1.78 -3.79	41.75 1.61 0.00	30.19 1.40 0.00	29.20 1.36 0.00	23.34 1.17 0.00	25.60 1.17 0.00	29.17 1.24 0.00	27.43 1.21 0.00	29.60 1.37 0.00	33.42 1.55 0.00	50.02 2.22 0.50	75.48 2.95 0.00	62.16 2.50 0.00	47.23 1.93 0.00	45.45 1.96 0.00	39.35 1.65 0.00	36.87 1.28 0.00
PJM_GEN_KEystone 24065	19.28 -0.40 1.18	17.37 -0.39 0.00	11.70 -0.28 0.00	15.57 -0.37 0.00	20.60 -0.51 0.02	22.82 -0.57 0.00	32.87 -0.81 1.02	44.01 -0.93 0.03	35.62 -0.92 3.59	28.11 -0.60 0.07	27.44 -0.40 0.00	21.95 -0.22 0.00	24.13 -0.29 0.00	27.57 -0.35 0.00	25.90 -0.31 0.00	27.97 -0.26 0.00	31.60 -0.27 0.00	25.32 -0.61 22.38	51.53 -1.11 19.89	26.40 -0.89 32.37	20.65 -0.73 23.92	16.52 -0.68 26.28	25.40 -0.71 11.59	5.69 -0.55 29.34
PJM_GEN_NEPTUNE_PROXY 323594	21.68 0.83 0.00	18.36 0.60 0.00	12.35 0.37 0.00	16.44 0.49 0.00	21.81 0.68 0.00	24.15 0.76 0.00	35.76 0.89 -0.17	49.77 1.01 -3.79	41.10 0.97 0.00	29.82 1.03 0.00	28.89 1.05 0.00	23.01 0.85 0.00	25.20 0.77 0.00	28.73 0.81 0.00	27.03 0.82 0.00	29.17 0.93 0.00	33.02 1.15 0.50	49.38 1.57 0.00	74.62 2.09 0.00	61.28 1.63 0.00	46.71 1.41 0.00	45.20 1.71 0.00	39.16 1.46 0.00	36.68 1.10 0.00
PJM_GEN_VFT_PROXY 323633	21.87 1.02 0.00	18.52 0.76 0.00	12.47 0.49 0.00	16.60 0.66 0.00	21.99 0.86 0.00	24.30 0.90 0.00	36.25 1.38 -0.17	50.38 1.63 -3.79	41.63 1.49 0.00	30.11 1.33 0.00	29.13 1.29 0.00	23.30 1.13 0.00	25.54 1.12 0.00	29.12 1.19 0.00	27.39 1.17 0.00	29.56 1.32 0.00	33.37 1.50 0.00	49.91 2.10 0.50	75.32 2.78 0.00	62.04 2.38 0.00	47.11 1.82 0.00	45.39 1.90 0.00	39.30 1.60 0.00	36.79 1.21 0.00
PLATSBURG_115KV_PMLD1 355749	20.58 -0.28 0.00	17.61 -0.15 0.00	11.92 -0.06 0.00	15.97 0.02 0.00	21.24 0.11 0.00	23.75 0.35 0.00	35.41 0.71 0.00	46.24 1.27 0.00	41.27 1.14 0.00	29.41 0.63 0.00	28.33 0.49 0.00	22.39 0.22 0.00	24.83 0.40 0.00	28.67 0.75 0.00	26.92 0.70 0.00	29.00 0.76 0.00	32.61 0.74 0.00	49.39 1.09 0.00	74.27 1.74 0.00	60.96 1.30 0.00	46.18 0.88 0.00	43.99 0.49 0.00	38.07 0.37 0.00	36.09 0.50 0.00
PLEASANTVLY___LBMP 24000	21.61 0.76 0.00	18.33 0.57 0.00	12.34 0.36 0.00	16.42 0.48 0.00	21.76 0.63 0.00	24.06 0.66 0.00	35.68 0.98 0.00	46.21 1.25 0.00	41.21 1.08 0.00	29.66 0.88 0.00	28.67 0.82 0.00	22.87 0.70 0.00	25.08 0.66 0.00	28.61 0.68 0.00	26.87 0.65 0.00	28.96 0.73 0.00	32.70 0.83 0.00	49.55 1.25 0.00	74.33 1.80 0.00	61.17 1.51 0.00	46.44 1.14 0.00	44.75 1.26 0.00	38.70 1.00 0.00	36.32 0.74 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.82 0.96 0.00	18.50 0.75 0.00	12.45 0.47 0.00	16.57 0.62 0.00	21.95 0.82 0.00	24.28 0.88 0.00	36.04 1.34 0.00	46.67 1.70 0.00	41.66 1.52 0.00	30.02 1.24 0.00	29.03 1.19 0.00	23.19 1.02 0.00	25.42 0.99 0.00	28.98 1.05 0.00	27.24 1.03 0.00	29.39 1.16 0.00	33.19 1.33 0.00	50.27 1.97 0.00	75.27 2.73 0.00	61.98 2.31 0.00	47.06 1.76 0.00	45.32 1.83 0.00	39.19 1.49 0.00	36.74 1.15 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.82 0.96 0.00	18.50 0.75 0.00	12.45 0.47 0.00	16.57 0.62 0.00	21.95 0.82 0.00	24.28 0.88 0.00	36.04 1.34 0.00	46.67 1.70 0.00	41.66 1.52 0.00	30.02 1.24 0.00	29.03 1.19 0.00	23.19 1.02 0.00	25.42 0.99 0.00	28.98 1.05 0.00	27.24 1.03 0.00	29.39 1.16 0.00	33.19 1.33 0.00	50.27 1.97 0.00	75.27 2.73 0.00	61.98 2.31 0.00	47.06 1.76 0.00	45.32 1.83 0.00	39.19 1.49 0.00	36.74 1.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.75 0.89 0.00	18.45 0.69 0.00	12.42 0.44 0.00	16.53 0.59 0.00	21.90 0.77 0.00	24.23 0.83 0.00	35.97 1.27 0.00	46.62 1.65 0.00	41.54 1.40 0.00	29.81 1.03 0.00	28.76 0.93 0.00	22.92 0.75 0.00	25.13 0.70 0.00	28.65 0.73 0.00	26.91 0.69 0.00	29.04 0.80 0.00	32.85 0.98 0.00	49.84 1.54 0.00	74.92 2.38 0.00	61.67 2.01 0.00	46.81 1.51 0.00	45.08 1.59 0.00	38.96 1.26 0.00	36.56 0.97 0.00
POLETTI___ 23519	21.94 1.09 0.00	18.59 0.83 0.00	12.51 0.53 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.01 0.00	36.22 1.52 0.00	46.83 1.86 0.00	41.83 1.69 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.39 1.22 0.00	25.65 1.23 0.00	29.24 1.31 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.61 2.31 0.00	75.61 3.07 0.00	62.23 2.57 0.00	47.27 1.97 0.00	45.53 2.05 0.00	39.41 1.71 0.00	36.93 1.35 0.00
POMONA___ESR 323819	21.66 0.81 0.00	18.36 0.60 0.00	12.37 0.39 0.00	16.46 0.51 0.00	21.79 0.66 0.00	24.09 0.69 0.00	35.78 1.08 0.00	46.31 1.34 0.00	41.31 1.17 0.00	29.76 0.97 0.00	28.77 0.93 0.00	23.00 0.84 0.00	25.22 0.79 0.00	28.78 0.85 0.00	27.07 0.85 0.00	29.22 0.98 0.00	33.02 1.15 0.00	49.98 1.67 0.00	74.79 2.26 0.00	61.60 1.95 0.00	46.77 1.48 0.00	45.07 1.58 0.00	38.99 1.29 0.00	36.53 0.94 0.00
PORT_JEFF_3 23555	21.93 1.08 0.00	18.55 0.79 0.00	12.46 0.48 0.00	16.59 0.65 0.00	22.05 0.92 0.00	24.49 1.09 0.00	36.04 1.34 0.00	46.56 1.59 0.00	41.60 1.46 0.00	30.23 1.44 0.00	29.23 1.39 0.00	23.20 1.03 0.00	25.35 0.93 0.00	28.75 0.83 0.00	27.04 0.83 0.00	29.16 0.93 0.00	33.10 1.23 0.00	50.15 1.85 0.00	75.15 2.61 0.00	61.51 1.85 0.00	46.86 1.57 0.00	45.59 2.10 0.00	39.54 1.84 0.00	37.07 1.49 0.00

PORT_JEFF_4 23616	21.93 1.08 0.00	18.55 0.79 0.00	12.46 0.48 0.00	16.59 0.65 0.00	22.05 0.92 0.00	24.49 1.09 0.00	36.04 1.34 0.00	46.56 1.59 0.00	41.60 1.46 0.00	30.23 1.44 0.00	29.23 1.39 0.00	23.20 1.03 0.00	25.35 0.93 0.00	28.75 0.83 0.00	27.04 0.83 0.00	29.16 0.93 0.00	33.10 1.23 0.00	50.15 1.85 0.00	75.15 2.61 0.00	61.51 1.85 0.00	46.86 1.57 0.00	45.59 2.10 0.00	39.54 1.84 0.00	37.07 1.49 0.00
PORT_JEFF_IC 23713	21.93 1.08 0.00	18.55 0.79 0.00	12.46 0.48 0.00	16.59 0.64 0.00	22.05 0.92 0.00	24.49 1.09 0.00	36.06 1.36 0.00	46.59 1.62 0.00	41.61 1.47 0.00	30.23 1.45 0.00	29.22 1.38 0.00	23.18 1.01 0.00	25.33 0.91 0.00	28.75 0.83 0.00	27.05 0.83 0.00	29.17 0.93 0.00	33.12 1.25 0.00	50.20 1.90 0.00	75.19 2.66 0.00	61.51 1.85 0.00	46.84 1.55 0.00	45.62 2.13 0.00	39.56 1.86 0.00	37.10 1.52 0.00
PPL_PILGRIM_ST_GT1 24216	21.96 1.11 0.00	18.58 0.82 0.00	12.48 0.50 0.00	16.62 0.68 0.00	22.08 0.95 0.00	24.51 1.11 0.00	36.03 1.32 0.00	46.47 1.50 0.00	41.55 1.42 0.00	30.21 1.43 0.00	29.27 1.43 0.00	23.25 1.08 0.00	25.42 0.99 0.00	28.95 1.03 0.00	27.24 1.02 0.00	29.39 1.15 0.00	33.36 1.49 0.00	50.49 2.19 0.00	75.60 3.07 0.00	61.87 2.21 0.00	47.27 1.97 0.00	45.86 2.37 0.00	39.77 2.06 0.00	37.25 1.67 0.00
PPL_PILGRIM_ST_GT2 24217	21.96 1.11 0.00	18.58 0.82 0.00	12.48 0.50 0.00	16.62 0.68 0.00	22.08 0.95 0.00	24.51 1.11 0.00	36.03 1.32 0.00	46.47 1.50 0.00	41.55 1.42 0.00	30.21 1.43 0.00	29.27 1.43 0.00	23.25 1.08 0.00	25.42 0.99 0.00	28.95 1.03 0.00	27.24 1.02 0.00	29.39 1.15 0.00	33.36 1.49 0.00	50.49 2.19 0.00	75.60 3.07 0.00	61.87 2.21 0.00	47.27 1.97 0.00	45.86 2.37 0.00	39.77 2.06 0.00	37.25 1.67 0.00
PPL_SHRM_GT3 24213	21.76 0.91 0.00	18.40 0.64 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.93 0.80 0.00	24.39 0.99 0.00	35.83 1.13 0.00	46.35 1.38 0.00	41.29 1.15 0.00	30.03 1.25 0.00	28.90 1.06 0.00	22.87 0.70 0.00	24.97 0.54 0.00	28.43 0.51 0.00	26.75 0.53 0.00	28.77 0.53 0.00	32.67 0.80 0.00	49.74 1.44 0.00	74.65 2.12 0.00	60.73 1.08 0.00	46.09 0.79 0.00	45.20 1.71 0.00	39.30 1.60 0.00	36.99 1.40 0.00
PPL_SHRM_GT4 24214	21.76 0.91 0.00	18.40 0.64 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.93 0.80 0.00	24.39 0.99 0.00	35.83 1.13 0.00	46.35 1.38 0.00	41.29 1.15 0.00	30.03 1.25 0.00	28.90 1.06 0.00	22.87 0.70 0.00	24.97 0.54 0.00	28.43 0.51 0.00	26.75 0.53 0.00	28.77 0.53 0.00	32.67 0.80 0.00	49.74 1.44 0.00	74.65 2.12 0.00	60.73 1.08 0.00	46.09 0.79 0.00	45.20 1.71 0.00	39.30 1.60 0.00	36.99 1.40 0.00
PROJECT___ORANGE 1 24174	20.61 -0.25 0.00	17.54 -0.22 0.00	11.83 -0.15 0.00	15.74 -0.21 0.00	20.86 -0.28 0.00	23.10 -0.30 0.00	34.29 -0.41 0.00	44.51 -0.46 0.00	39.64 -0.50 0.00	28.40 -0.38 0.00	27.55 -0.29 0.00	21.97 -0.20 0.00	24.20 -0.22 0.00	27.68 -0.24 0.00	25.97 -0.24 0.00	27.97 -0.26 0.00	31.56 -0.31 0.00	47.85 -0.45 0.00	71.89 -0.64 0.00	59.19 -0.47 0.00	44.97 -0.33 0.00	43.10 -0.39 0.00	37.27 -0.43 0.00	35.19 -0.40 0.00
PROJECT___ORANGE 2 24166	20.61 -0.25 0.00	17.54 -0.22 0.00	11.83 -0.15 0.00	15.74 -0.21 0.00	20.86 -0.28 0.00	23.10 -0.30 0.00	34.29 -0.41 0.00	44.51 -0.46 0.00	39.64 -0.50 0.00	28.40 -0.38 0.00	27.55 -0.29 0.00	21.97 -0.20 0.00	24.20 -0.22 0.00	27.68 -0.24 0.00	25.97 -0.24 0.00	27.97 -0.26 0.00	31.56 -0.31 0.00	47.85 -0.45 0.00	71.89 -0.64 0.00	59.19 -0.47 0.00	44.97 -0.33 0.00	43.10 -0.39 0.00	37.27 -0.43 0.00	35.19 -0.40 0.00
PUCKETT___SOLAR 323809	23.74 -0.07 -2.95	17.67 -0.09 0.00	11.94 -0.04 0.00	15.90 -0.04 0.00	21.11 -0.02 0.01	23.39 0.00 0.00	34.77 0.10 0.03	45.56 0.10 -0.49	40.62 -0.17 -0.65	28.58 -0.21 0.00	27.65 -0.19 0.00	21.92 -0.25 0.00	24.23 -0.20 0.00	27.74 -0.18 0.00	25.91 -0.31 0.00	28.07 -0.17 0.00	31.81 -0.06 0.00	50.92 0.15 -2.46	79.64 0.36 -6.75	71.54 0.53 -11.35	54.15 0.40 -8.45	53.05 0.27 -9.28	41.87 0.07 -4.09	46.35 0.10 -10.66
PYRITES___HYD 24023	20.94 0.08 0.00	17.87 0.11 0.00	12.09 0.10 0.00	16.14 0.20 0.00	21.42 0.29 0.00	23.99 0.59 0.00	35.65 0.95 0.00	46.43 1.46 0.00	41.31 1.18 0.00	29.12 0.34 0.00	28.02 0.17 0.00	22.25 0.08 0.00	24.78 0.36 0.00	28.76 0.84 0.00	26.91 0.70 0.00	28.85 0.61 0.00	31.99 0.12 0.00	48.66 0.36 0.00	73.90 1.36 0.00	60.93 1.28 0.00	46.21 0.91 0.00	44.35 0.86 0.00	38.71 1.01 0.00	36.60 1.02 0.00
QUAKERRD_115KV_BK1 80622	18.10 -1.21 1.55	16.72 -1.04 0.00	11.25 -0.73 0.00	14.98 -0.97 0.00	19.89 -1.25 -0.01	22.09 -1.31 0.00	33.17 -1.86 -0.32	44.45 -2.11 -1.60	39.55 -2.02 -1.44	27.36 -1.49 -0.06	26.53 -1.31 0.00	21.16 -1.01 0.00	23.37 -1.05 0.00	26.73 -1.20 0.00	25.08 -1.14 0.00	27.04 -1.20 0.00	30.54 -1.34 0.00	46.32 -1.98 0.00	69.69 -2.94 -0.10	57.55 -2.31 -0.20	43.47 -1.83 0.00	41.57 -1.93 0.00	35.80 -1.90 0.00	34.02 -1.56 0.00
QUENSBRY_115KV_TB8 356137	21.44 0.59 0.00	18.25 0.50 0.00	12.27 0.29 0.00	16.33 0.38 0.00	21.69 0.56 0.00	24.08 0.68 0.00	35.88 1.18 0.00	46.63 1.67 0.00	41.21 1.07 0.00	29.09 0.30 0.00	27.84 0.00 0.00	22.03 -0.14 0.00	24.24 -0.18 0.00	27.67 -0.25 0.00	26.04 -0.17 0.00	28.30 0.06 0.00	32.35 0.48 0.00	49.51 1.20 0.00	74.89 2.35 0.00	61.30 1.64 0.00	46.49 1.19 0.00	44.79 1.30 0.00	38.52 0.82 0.00	36.16 0.57 0.00
RAMAPO___LBMP 323565	21.58 0.72 0.00	18.29 0.53 0.00	12.32 0.34 0.00	16.40 0.45 0.00	21.71 0.58 0.00	23.99 0.59 0.00	35.64 0.94 0.00	46.12 1.16 0.00	41.13 1.00 0.00	29.63 0.85 0.00	28.65 0.80 0.00	22.90 0.74 0.00	25.11 0.68 0.00	28.65 0.73 0.00	26.94 0.72 0.00	29.08 0.84 0.00	32.85 0.98 0.00	49.73 1.43 0.00	74.46 1.92 0.00	61.33 1.67 0.00	46.53 1.24 0.00	44.88 1.39 0.00	38.81 1.12 0.00	36.39 0.80 0.00
RANKINE___ 23646	16.25 -1.74 2.87	16.29 -1.48 0.00	10.92 -1.06 0.00	14.55 -1.39 0.00	19.22 -1.86 0.06	21.49 -1.89 0.02	30.30 -2.74 1.66	35.65 -2.92 6.40	32.74 -2.62 4.77	26.70 -1.89 0.20	26.34 -1.50 0.00	21.01 -1.16 0.00	23.25 -1.18 0.00	26.65 -1.27 0.00	25.03 -1.19 0.00	27.06 -1.17 0.00	30.61 -1.26 0.00	46.26 -2.03 0.01	69.21 -2.99 0.33	56.74 -2.27 0.65	43.36 -1.94 0.01	41.34 -2.15 0.00	35.42 -2.27 0.00	34.16 -1.42 0.00
RAVENSWOOD_GT2_1 24244	21.93 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.05 0.92 0.00	24.37 0.98 0.00	36.18 1.48 0.00	46.78 1.81 0.00	41.79 1.65 0.00	30.21 1.43 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.62 1.19 0.00	29.20 1.27 0.00	27.46 1.24 0.00	29.63 1.40 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.52 2.03 0.00	39.40 1.70 0.00	36.92 1.33 0.00

RAVENSWOOD_GT2_2 24245	21.93 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.05 0.92 0.00	24.37 0.98 0.00	36.18 1.48 0.00	46.78 1.81 0.00	41.79 1.65 0.00	30.21 1.43 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.62 1.19 0.00	29.20 1.27 0.00	27.46 1.24 0.00	29.63 1.40 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.52 2.03 0.00	39.40 1.70 0.00	36.92 1.33 0.00
RAVENSWOOD_GT2_3 24246	21.93 1.08 0.00	18.58 0.82 0.00	12.51 0.53 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.39 0.99 0.00	36.20 1.50 0.00	46.80 1.83 0.00	41.80 1.66 0.00	30.22 1.44 0.00	29.24 1.40 0.00	23.38 1.21 0.00	25.63 1.21 0.00	29.21 1.29 0.00	27.46 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.59 2.29 0.00	75.58 3.05 0.00	62.22 2.56 0.00	47.25 1.96 0.00	45.53 2.04 0.00	39.41 1.71 0.00	36.93 1.34 0.00
RAVENSWOOD_GT2_4 24247	21.93 1.08 0.00	18.58 0.82 0.00	12.51 0.53 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.39 0.99 0.00	36.20 1.50 0.00	46.80 1.83 0.00	41.80 1.66 0.00	30.22 1.44 0.00	29.24 1.40 0.00	23.38 1.21 0.00	25.63 1.21 0.00	29.21 1.29 0.00	27.46 1.25 0.00	29.65 1.41 0.00	33.47 1.60 0.00	50.59 2.29 0.00	75.58 3.05 0.00	62.22 2.56 0.00	47.25 1.96 0.00	45.53 2.04 0.00	39.41 1.71 0.00	36.93 1.34 0.00
RAVENSWOOD_GT3_1 24248	21.93 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.05 0.92 0.00	24.37 0.98 0.00	36.18 1.48 0.00	46.78 1.81 0.00	41.79 1.65 0.00	30.21 1.43 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.62 1.19 0.00	29.20 1.28 0.00	27.46 1.24 0.00	29.63 1.40 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.52 2.03 0.00	39.40 1.70 0.00	36.92 1.33 0.00
RAVENSWOOD_GT3_2 24249	21.93 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.05 0.92 0.00	24.37 0.98 0.00	36.18 1.48 0.00	46.78 1.81 0.00	41.79 1.65 0.00	30.21 1.43 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.62 1.19 0.00	29.20 1.28 0.00	27.46 1.24 0.00	29.63 1.40 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.52 2.03 0.00	39.40 1.70 0.00	36.92 1.33 0.00
RAVENSWOOD_GT3_3 24250	21.95 1.10 0.00	18.60 0.84 0.00	12.52 0.54 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.41 1.01 0.00	36.23 1.53 0.00	46.84 1.87 0.00	41.84 1.70 0.00	30.25 1.46 0.00	29.27 1.43 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.25 1.32 0.00	27.50 1.29 0.00	29.68 1.44 0.00	33.52 1.65 0.00	50.65 2.35 0.00	75.66 3.13 0.00	62.29 2.63 0.00	47.31 2.01 0.00	45.57 2.08 0.00	39.45 1.75 0.00	36.96 1.37 0.00
RAVENSWOOD_GT3_4 24251	21.95 1.10 0.00	18.60 0.84 0.00	12.52 0.54 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.41 1.01 0.00	36.23 1.53 0.00	46.84 1.87 0.00	41.84 1.70 0.00	30.25 1.46 0.00	29.27 1.43 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.25 1.32 0.00	27.50 1.29 0.00	29.68 1.44 0.00	33.52 1.65 0.00	50.65 2.35 0.00	75.66 3.13 0.00	62.29 2.63 0.00	47.31 2.01 0.00	45.57 2.08 0.00	39.45 1.75 0.00	36.96 1.37 0.00
RAVENSWOOD_GT_1 23729	22.02 1.16 0.00	18.66 0.90 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.01 0.00	24.48 1.09 0.00	36.33 1.63 0.00	46.94 1.97 0.00	41.99 1.85 0.00	30.37 1.58 0.00	29.37 1.54 0.00	23.49 1.32 0.00	25.75 1.33 0.00	29.35 1.43 0.00	27.60 1.38 0.00	29.80 1.56 0.00	33.64 1.77 0.00	50.81 2.51 0.00	75.82 3.28 0.00	62.41 2.75 0.00	47.39 2.10 0.00	45.69 2.21 0.00	39.57 1.87 0.00	37.06 1.48 0.00
RAVENSWOOD_GT_10 24258	21.92 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.04 0.91 0.00	24.37 0.97 0.00	36.17 1.47 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.21 1.42 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.61 1.19 0.00	29.20 1.27 0.00	27.45 1.24 0.00	29.63 1.39 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.51 2.02 0.00	39.39 1.69 0.00	36.92 1.33 0.00
RAVENSWOOD_GT_11 24259	21.92 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.04 0.91 0.00	24.37 0.97 0.00	36.17 1.47 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.21 1.42 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.61 1.19 0.00	29.20 1.27 0.00	27.45 1.24 0.00	29.63 1.39 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.51 2.02 0.00	39.39 1.69 0.00	36.92 1.33 0.00
RAVENSWOOD_GT_4 24252	21.95 1.09 0.00	18.60 0.84 0.00	12.52 0.54 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.00 0.00	36.21 1.51 0.00	46.81 1.84 0.00	41.84 1.70 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.24 1.31 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.62 2.32 0.00	75.60 3.06 0.00	62.24 2.58 0.00	47.27 1.97 0.00	45.56 2.07 0.00	39.44 1.73 0.00	36.95 1.36 0.00
RAVENSWOOD_GT_5 24254	21.95 1.09 0.00	18.60 0.84 0.00	12.52 0.54 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.00 0.00	36.21 1.51 0.00	46.81 1.84 0.00	41.84 1.70 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.24 1.31 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.62 2.32 0.00	75.60 3.06 0.00	62.24 2.58 0.00	47.27 1.97 0.00	45.56 2.07 0.00	39.44 1.73 0.00	36.95 1.36 0.00
RAVENSWOOD_GT_6 24253	21.95 1.09 0.00	18.60 0.84 0.00	12.52 0.54 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.00 0.00	36.21 1.51 0.00	46.81 1.84 0.00	41.84 1.70 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.24 1.31 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.62 2.32 0.00	75.60 3.06 0.00	62.24 2.58 0.00	47.27 1.97 0.00	45.56 2.07 0.00	39.44 1.73 0.00	36.95 1.36 0.00
RAVENSWOOD_GT_7 24255	21.95 1.09 0.00	18.60 0.84 0.00	12.52 0.54 0.00	16.66 0.72 0.00	22.07 0.94 0.00	24.40 1.00 0.00	36.21 1.51 0.00	46.81 1.84 0.00	41.84 1.70 0.00	30.25 1.46 0.00	29.26 1.42 0.00	23.40 1.23 0.00	25.65 1.23 0.00	29.24 1.31 0.00	27.49 1.27 0.00	29.67 1.44 0.00	33.50 1.63 0.00	50.62 2.32 0.00	75.60 3.06 0.00	62.24 2.58 0.00	47.27 1.97 0.00	45.56 2.07 0.00	39.44 1.73 0.00	36.95 1.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.92 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.04 0.91 0.00	24.37 0.97 0.00	36.17 1.47 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.21 1.42 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.61 1.19 0.00	29.20 1.27 0.00	27.45 1.24 0.00	29.63 1.39 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.51 2.02 0.00	39.39 1.69 0.00	36.92 1.33 0.00

RAVENSWOOD_GT_9 24257	21.92 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.04 0.91 0.00	24.37 0.97 0.00	36.17 1.47 0.00	46.77 1.80 0.00	41.78 1.65 0.00	30.21 1.42 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.61 1.19 0.00	29.20 1.27 0.00	27.45 1.24 0.00	29.63 1.39 0.00	33.46 1.59 0.00	50.56 2.26 0.00	75.54 3.00 0.00	62.18 2.52 0.00	47.23 1.94 0.00	45.51 2.02 0.00	39.39 1.69 0.00	36.92 1.33 0.00
RAVENSWOOD___1 23533	22.00 1.14 0.00	18.64 0.88 0.00	12.55 0.57 0.00	16.69 0.75 0.00	22.11 0.98 0.00	24.46 1.06 0.00	36.27 1.57 0.00	46.88 1.91 0.00	41.93 1.79 0.00	30.32 1.54 0.00	29.33 1.49 0.00	23.47 1.30 0.00	25.71 1.29 0.00	29.30 1.38 0.00	27.56 1.34 0.00	29.76 1.52 0.00	33.59 1.72 0.00	50.74 2.43 0.00	75.74 3.21 0.00	62.38 2.72 0.00	47.36 2.07 0.00	45.65 2.16 0.00	39.52 1.82 0.00	37.01 1.43 0.00
RAVENSWOOD___2 23534	22.00 1.14 0.00	18.64 0.88 0.00	12.55 0.57 0.00	16.69 0.75 0.00	22.11 0.98 0.00	24.46 1.06 0.00	36.27 1.57 0.00	46.88 1.91 0.00	41.93 1.79 0.00	30.32 1.54 0.00	29.33 1.49 0.00	23.47 1.30 0.00	25.71 1.29 0.00	29.30 1.38 0.00	27.56 1.34 0.00	29.76 1.52 0.00	33.59 1.72 0.00	50.74 2.43 0.00	75.74 3.21 0.00	62.38 2.72 0.00	47.36 2.07 0.00	45.65 2.16 0.00	39.52 1.82 0.00	37.01 1.43 0.00
RAVENSWOOD___3 23535	21.93 1.07 0.00	18.57 0.81 0.00	12.50 0.52 0.00	16.64 0.70 0.00	22.05 0.92 0.00	24.37 0.98 0.00	36.18 1.48 0.00	46.78 1.81 0.00	41.79 1.66 0.00	30.22 1.43 0.00	29.23 1.39 0.00	23.37 1.20 0.00	25.62 1.19 0.00	29.20 1.28 0.00	27.46 1.24 0.00	29.63 1.40 0.00	33.46 1.59 0.00	50.57 2.27 0.00	75.55 3.02 0.00	62.21 2.55 0.00	47.25 1.95 0.00	45.52 2.03 0.00	39.41 1.71 0.00	36.91 1.33 0.00
RAVENSWOOD___4 23820	22.00 1.14 0.00	18.64 0.88 0.00	12.55 0.57 0.00	16.69 0.75 0.00	22.11 0.98 0.00	24.46 1.06 0.00	36.27 1.57 0.00	46.88 1.91 0.00	41.93 1.79 0.00	30.32 1.54 0.00	29.33 1.49 0.00	23.47 1.30 0.00	25.71 1.29 0.00	29.30 1.38 0.00	27.56 1.34 0.00	29.76 1.52 0.00	33.59 1.72 0.00	50.74 2.43 0.00	75.74 3.21 0.00	62.38 2.72 0.00	47.36 2.07 0.00	45.65 2.16 0.00	39.52 1.82 0.00	37.01 1.43 0.00
RCPI_TRUST___DRP 24196	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.14 1.00 0.00	24.48 1.09 0.00	36.37 1.67 0.00	47.08 2.11 0.00	42.07 1.93 0.00	30.42 1.64 0.00	29.45 1.61 0.00	23.54 1.37 0.00	25.83 1.40 0.00	29.44 1.51 0.00	27.67 1.46 0.00	29.88 1.64 0.00	33.74 1.87 0.00	50.99 2.69 0.00	76.12 3.58 0.00	62.61 2.95 0.00	47.55 2.26 0.00	45.75 2.26 0.00	39.60 1.89 0.00	37.09 1.51 0.00
RED___ROCHESTER 323720	18.39 -0.79 1.68	17.07 -0.69 0.00	11.47 -0.51 0.00	15.28 -0.66 0.00	20.37 -0.78 -0.02	22.65 -0.76 0.00	34.00 -0.99 -0.28	47.19 -0.91 -3.13	41.07 -1.02 -1.95	28.09 -0.81 -0.11	27.25 -0.59 0.00	21.73 -0.44 0.00	24.02 -0.40 0.00	27.49 -0.44 0.00	25.80 -0.42 0.00	27.81 -0.43 0.00	31.42 -0.45 0.00	44.99 -0.68 2.64	64.51 -0.96 7.06	47.10 -0.73 11.83	35.57 -0.65 9.07	32.71 -0.81 9.97	32.28 -1.02 4.40	23.05 -0.68 11.85
REGAN___SOLAR 323812	21.67 0.81 0.00	18.42 0.66 0.00	12.42 0.44 0.00	16.54 0.60 0.00	21.96 0.83 0.00	24.39 0.99 0.00	36.35 1.65 0.00	47.22 2.25 0.00	41.45 1.32 0.00	28.82 0.03 0.00	27.43 -0.41 0.00	21.80 -0.37 0.00	24.09 -0.33 0.00	27.56 -0.36 0.00	26.14 -0.08 0.00	28.93 0.70 0.00	32.80 0.93 0.00	49.93 1.63 0.00	75.94 3.40 0.00	62.73 3.07 0.00	47.59 2.29 0.00	45.62 2.13 0.00	39.40 1.70 0.00	37.13 1.54 0.00
RENSSELAER___COGEN 23796	21.40 0.55 0.00	18.22 0.46 0.00	12.28 0.30 0.00	16.32 0.37 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.41 0.71 0.00	45.85 0.88 0.00	40.81 0.67 0.00	29.24 0.46 0.00	28.23 0.39 0.00	22.47 0.30 0.00	24.72 0.30 0.00	28.21 0.29 0.00	26.50 0.28 0.00	28.53 0.30 0.00	32.28 0.41 0.00	48.94 0.64 0.00	73.62 1.08 0.00	60.40 0.74 0.00	45.90 0.60 0.00	44.28 0.79 0.00	38.32 0.62 0.00	36.11 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.95 1.10 0.00	18.71 0.95 0.00	12.54 0.56 0.00	16.71 0.77 0.00	22.17 1.04 0.00	24.80 1.40 0.00	37.26 2.56 0.00	48.69 3.72 0.00	42.71 2.57 0.00	29.55 0.76 0.00	27.95 0.11 0.00	21.99 -0.18 0.00	24.27 -0.16 0.00	27.73 -0.20 0.00	26.15 -0.06 0.00	28.47 0.23 0.00	32.83 0.96 0.00	51.15 2.84 0.00	78.04 5.51 0.00	63.80 4.14 0.00	48.09 2.79 0.00	46.42 2.93 0.00	39.64 1.94 0.00	36.90 1.32 0.00
REVERE_CPDR_DRP 24186	21.12 0.26 0.00	17.98 0.22 0.00	12.12 0.14 0.00	16.14 0.20 0.00	21.44 0.31 0.00	23.85 0.45 0.00	35.62 0.91 0.00	46.19 1.22 0.00	40.94 0.80 0.00	29.08 0.30 0.00	28.28 0.44 0.00	22.52 0.35 0.00	24.87 0.45 0.00	28.48 0.56 0.00	26.82 0.60 0.00	28.93 0.69 0.00	32.54 0.67 0.00	49.72 1.42 0.00	75.37 2.83 0.00	62.14 2.48 0.00	47.01 1.71 0.00	45.07 1.58 0.00	38.96 1.26 0.00	36.60 1.02 0.00
REYNOLDPA_13_KV_LD 356490	20.87 0.01 0.00	17.82 0.06 0.00	12.05 0.07 0.00	16.06 0.11 0.00	21.28 0.15 0.00	23.67 0.27 0.00	35.07 0.37 0.00	45.56 0.59 0.00	40.70 0.57 0.00	29.20 0.42 0.00	28.21 0.37 0.00	22.38 0.21 0.00	24.80 0.37 0.00	28.46 0.53 0.00	26.66 0.44 0.00	28.66 0.42 0.00	32.20 0.33 0.00	48.64 0.33 0.00	72.58 0.05 0.00	59.64 -0.02 0.00	45.38 0.08 0.00	43.49 0.00 0.00	37.94 0.24 0.00	36.02 0.43 0.00
REYNOLDS_115KV_TB3 80639	21.36 0.50 0.00	18.19 0.43 0.00	12.26 0.28 0.00	16.28 0.34 0.00	21.58 0.45 0.00	23.84 0.45 0.00	35.30 0.60 0.00	45.70 0.73 0.00	40.68 0.55 0.00	29.18 0.40 0.00	28.19 0.34 0.00	22.42 0.25 0.00	24.67 0.24 0.00	28.15 0.22 0.00	26.43 0.22 0.00	28.43 0.19 0.00	32.15 0.28 0.00	48.73 0.43 0.00	73.33 0.80 0.00	60.12 0.46 0.00	45.70 0.40 0.00	44.15 0.66 0.00	38.20 0.50 0.00	36.01 0.42 0.00
RIVERBAY___ 323610	22.59 1.74 0.00	19.14 1.38 0.00	12.89 0.91 0.00	17.14 1.20 0.00	22.69 1.56 0.00	25.12 1.73 0.00	37.25 2.54 0.00	48.02 3.05 0.00	42.94 2.80 0.00	30.98 2.19 0.00	30.01 2.17 0.00	24.04 1.87 0.00	26.30 1.88 0.00	29.99 2.06 0.00	28.19 1.98 0.00	30.44 2.21 0.00	34.35 2.48 0.00	51.85 3.55 0.00	77.53 4.99 0.00	63.91 4.25 0.00	48.53 3.23 0.00	46.76 3.27 0.00	40.47 2.77 0.00	37.94 2.35 0.00
RIVERSDE_115KV_TB3 55908	21.41 0.55 0.00	18.23 0.47 0.00	12.28 0.30 0.00	16.32 0.38 0.00	21.62 0.49 0.00	23.90 0.50 0.00	35.40 0.70 0.00	45.84 0.87 0.00	40.80 0.67 0.00	29.25 0.47 0.00	28.25 0.41 0.00	22.47 0.30 0.00	24.73 0.30 0.00	28.22 0.29 0.00	26.51 0.29 0.00	28.54 0.31 0.00	32.27 0.40 0.00	48.92 0.62 0.00	73.60 1.07 0.00	60.37 0.71 0.00	45.87 0.57 0.00	44.29 0.80 0.00	38.31 0.61 0.00	36.11 0.53 0.00

ROARING___BROOK_WT_PWR 323790	19.91 -0.95 0.00	16.95 -0.81 0.00	11.46 -0.52 0.00	15.27 -0.67 0.00	20.33 -0.80 0.00	22.60 -0.80 0.00	33.63 -1.07 0.00	43.51 -1.46 0.00	39.25 -0.88 0.00	28.55 -0.23 0.00	27.64 -0.20 0.00	22.01 -0.16 0.00	24.25 -0.18 0.00	27.70 -0.22 0.00	26.05 -0.16 0.00	28.08 -0.15 0.00	31.74 -0.13 0.00	48.14 -0.16 0.00	72.35 -0.19 0.00	59.55 -0.11 0.00	45.17 -0.13 0.00	43.22 -0.27 0.00	37.51 -0.19 0.00	35.43 -0.15 0.00
ROCHESRG_115KV_T4 355643	18.23 -1.00 1.63	16.90 -0.87 0.00	11.36 -0.62 0.00	15.13 -0.81 0.00	20.14 -1.01 -0.02	22.37 -1.03 0.00	33.70 -1.44 -0.45	46.30 -1.54 -2.87	40.69 -1.53 -2.09	27.74 -1.14 -0.09	26.92 -0.92 0.00	21.47 -0.70 0.00	23.72 -0.71 0.00	27.12 -0.80 0.00	25.46 -0.76 0.00	27.45 -0.79 0.00	30.99 -0.87 0.00	46.97 -1.34 0.00	70.70 -1.98 -0.15	58.45 -1.50 -0.28	44.07 -1.23 0.00	42.12 -1.37 0.00	36.24 -1.46 0.00	34.51 -1.08 0.00
ROCHESTER_9_IC 23652	18.30 -0.87 1.68	17.00 -0.76 0.00	11.43 -0.55 0.00	15.23 -0.72 0.00	20.28 -0.86 -0.02	22.55 -0.85 0.00	34.07 -1.14 -0.51	47.50 -1.16 -3.69	41.61 -1.21 -2.68	27.98 -0.92 -0.11	27.14 -0.70 0.00	21.64 -0.53 0.00	23.90 -0.52 0.00	27.34 -0.58 0.00	25.67 -0.55 0.00	27.67 -0.57 0.00	31.26 -0.61 0.00	47.39 -0.92 -0.01	71.39 -1.33 -0.19	59.06 -0.96 -0.37	44.46 -0.84 0.00	42.47 -1.02 0.00	36.52 -1.18 0.00	34.75 -0.84 0.00
ROCKVIEW_13_KV_LD 356306	21.87 1.01 0.00	18.52 0.76 0.00	12.47 0.49 0.00	16.59 0.65 0.00	21.99 0.85 0.00	24.32 0.92 0.00	36.11 1.41 0.00	46.74 1.77 0.00	41.74 1.60 0.00	30.13 1.34 0.00	29.14 1.30 0.00	23.28 1.11 0.00	25.52 1.10 0.00	29.10 1.18 0.00	27.36 1.14 0.00	29.52 1.29 0.00	33.36 1.49 0.00	50.47 2.16 0.00	75.49 2.96 0.00	62.15 2.49 0.00	47.19 1.89 0.00	45.46 1.98 0.00	39.34 1.64 0.00	36.87 1.28 0.00
ROME____115KV_TB2 80656	21.12 0.26 0.00	17.98 0.22 0.00	12.12 0.14 0.00	16.14 0.20 0.00	21.44 0.31 0.00	23.85 0.45 0.00	35.62 0.91 0.00	46.19 1.22 0.00	40.94 0.80 0.00	29.08 0.30 0.00	28.28 0.44 0.00	22.52 0.35 0.00	24.87 0.45 0.00	28.48 0.56 0.00	26.82 0.60 0.00	28.93 0.69 0.00	32.54 0.67 0.00	49.72 1.42 0.00	75.37 2.83 0.00	62.14 2.48 0.00	47.01 1.71 0.00	45.07 1.58 0.00	38.96 1.26 0.00	36.60 1.02 0.00
ROSETON___1 23587	21.57 0.71 0.00	18.30 0.54 0.00	12.32 0.35 0.00	16.40 0.45 0.00	21.73 0.60 0.00	24.01 0.61 0.00	35.62 0.92 0.00	46.12 1.16 0.00	41.14 1.00 0.00	29.61 0.82 0.00	28.62 0.77 0.00	22.84 0.67 0.00	25.05 0.62 0.00	28.57 0.65 0.00	26.84 0.63 0.00	28.95 0.71 0.00	32.69 0.82 0.00	49.53 1.22 0.00	74.28 1.75 0.00	61.14 1.49 0.00	46.42 1.12 0.00	44.72 1.23 0.00	38.68 0.99 0.00	36.31 0.72 0.00
ROSETON___2 23588	21.57 0.71 0.00	18.30 0.54 0.00	12.32 0.35 0.00	16.40 0.45 0.00	21.73 0.60 0.00	24.01 0.61 0.00	35.62 0.92 0.00	46.12 1.16 0.00	41.14 1.00 0.00	29.61 0.82 0.00	28.62 0.77 0.00	22.84 0.67 0.00	25.05 0.62 0.00	28.57 0.65 0.00	26.84 0.63 0.00	28.95 0.71 0.00	32.69 0.82 0.00	49.53 1.22 0.00	74.28 1.75 0.00	61.14 1.49 0.00	46.42 1.12 0.00	44.72 1.23 0.00	38.68 0.99 0.00	36.31 0.72 0.00
ROTRDAM_115KV_TB3 80664	21.25 0.40 0.00	18.09 0.33 0.00	12.19 0.21 0.00	16.22 0.28 0.00	21.50 0.37 0.00	23.79 0.39 0.00	35.30 0.60 0.00	45.74 0.77 0.00	40.73 0.60 0.00	29.09 0.31 0.00	28.02 0.18 0.00	22.27 0.10 0.00	24.51 0.09 0.00	28.00 0.08 0.00	26.33 0.11 0.00	28.45 0.22 0.00	32.23 0.36 0.00	48.91 0.61 0.00	73.60 1.07 0.00	60.47 0.81 0.00	45.91 0.61 0.00	44.20 0.71 0.00	38.25 0.55 0.00	36.04 0.46 0.00
RUSSELL___1 23602	18.39 -0.79 1.68	17.07 -0.69 0.00	11.47 -0.51 0.00	15.28 -0.66 0.00	20.36 -0.79 -0.02	22.65 -0.76 0.00	34.21 -1.00 -0.51	47.67 -0.95 -3.64	41.75 -1.04 -2.65	28.09 -0.81 -0.11	27.26 -0.58 0.00	21.74 -0.43 0.00	24.02 -0.40 0.00	27.48 -0.44 0.00	25.79 -0.42 0.00	27.81 -0.43 0.00	31.42 -0.45 0.00	47.63 -0.68 -0.01	71.79 -0.93 -0.18	59.38 -0.65 -0.36	44.70 -0.61 0.00	42.68 -0.82 0.00	36.69 -1.01 0.00	34.89 -0.69 0.00
RUSSELL___2 23532	18.39 -0.79 1.68	17.07 -0.69 0.00	11.47 -0.51 0.00	15.28 -0.66 0.00	20.36 -0.79 -0.02	22.65 -0.76 0.00	34.21 -1.00 -0.51	47.67 -0.95 -3.64	41.75 -1.04 -2.65	28.09 -0.81 -0.11	27.26 -0.58 0.00	21.74 -0.43 0.00	24.02 -0.40 0.00	27.48 -0.44 0.00	25.79 -0.42 0.00	27.81 -0.43 0.00	31.42 -0.45 0.00	47.63 -0.68 -0.01	71.79 -0.93 -0.18	59.38 -0.65 -0.36	44.70 -0.61 0.00	42.68 -0.82 0.00	36.69 -1.01 0.00	34.89 -0.69 0.00
RUSSELL___3 23549	18.39 -0.79 1.68	17.07 -0.69 0.00	11.47 -0.51 0.00	15.28 -0.66 0.00	20.36 -0.79 -0.02	22.65 -0.76 0.00	34.21 -1.00 -0.51	47.67 -0.95 -3.64	41.75 -1.04 -2.65	28.09 -0.81 -0.11	27.26 -0.58 0.00	21.74 -0.43 0.00	24.02 -0.40 0.00	27.48 -0.44 0.00	25.79 -0.42 0.00	27.81 -0.43 0.00	31.42 -0.45 0.00	47.63 -0.68 -0.01	71.79 -0.93 -0.18	59.38 -0.65 -0.36	44.70 -0.61 0.00	42.68 -0.82 0.00	36.69 -1.01 0.00	34.89 -0.69 0.00
RUSSELL___4 23556	18.39 -0.79 1.68	17.07 -0.69 0.00	11.47 -0.51 0.00	15.28 -0.66 0.00	20.36 -0.79 -0.02	22.65 -0.76 0.00	34.21 -1.00 -0.51	47.67 -0.95 -3.64	41.75 -1.04 -2.65	28.09 -0.81 -0.11	27.26 -0.58 0.00	21.74 -0.43 0.00	24.02 -0.40 0.00	27.48 -0.44 0.00	25.79 -0.42 0.00	27.81 -0.43 0.00	31.42 -0.45 0.00	47.63 -0.68 -0.01	71.79 -0.93 -0.18	59.38 -0.65 -0.36	44.70 -0.61 0.00	42.68 -0.82 0.00	36.69 -1.01 0.00	34.89 -0.69 0.00
RUSSELL___STATION 23914	18.39 -0.79 1.68	17.07 -0.69 0.00	11.47 -0.51 0.00	15.28 -0.66 0.00	20.36 -0.79 -0.02	22.65 -0.76 0.00	34.21 -1.00 -0.51	47.67 -0.95 -3.64	41.75 -1.04 -2.65	28.09 -0.81 -0.11	27.26 -0.58 0.00	21.74 -0.43 0.00	24.02 -0.40 0.00	27.48 -0.44 0.00	25.79 -0.42 0.00	27.81 -0.43 0.00	31.42 -0.45 0.00	47.63 -0.68 -0.01	71.79 -0.93 -0.18	59.38 -0.65 -0.36	44.70 -0.61 0.00	42.68 -0.82 0.00	36.69 -1.01 0.00	34.89 -0.69 0.00
S SALMON___HYD 24043	19.83 -1.03 0.00	16.86 -0.90 0.00	11.38 -0.60 0.00	15.15 -0.80 0.00	20.11 -1.02 0.00	22.44 -0.96 0.00	33.60 -1.10 0.00	43.67 -1.30 0.00	38.59 -1.55 0.00	27.54 -1.25 0.00	26.85 -0.99 0.00	21.41 -0.76 0.00	23.77 -0.65 0.00	27.35 -0.57 0.00	25.55 -0.67 0.00	27.58 -0.66 0.00	30.82 -1.05 0.00	47.02 -1.28 0.00	71.98 -0.55 0.00	59.66 0.01 0.00	44.92 -0.37 0.00	43.06 -0.43 0.00	37.40 -0.30 0.00	35.00 -0.59 0.00
S.PERRY__115KV_TB1 80734	15.82 -0.95 4.09	16.95 -0.81 0.00	11.43 -0.56 0.00	15.24 -0.70 0.00	20.31 -0.81 0.01	22.67 -0.72 0.00	33.76 -0.75 0.19	44.42 -0.55 0.00	39.33 -0.81 0.00	27.83 -0.95 0.00	27.01 -0.83 0.00	21.49 -0.67 0.00	23.76 -0.67 0.00	27.61 -0.31 0.00	26.01 -0.21 0.00	28.11 -0.12 0.00	31.92 0.05 0.00	48.50 0.19 0.00	73.09 0.56 0.00	60.45 0.79 0.00	45.84 0.54 0.00	43.58 0.09 0.00	37.40 -0.30 0.00	35.64 0.05 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.11 -1.97 2.77	16.07 -1.69 0.00	10.78 -1.21 0.00	14.36 -1.58 0.00	18.94 -2.14 0.06	21.16 -2.22 0.02	29.82 -3.28 1.61	34.53 -3.63 6.80	31.89 -3.29 4.96	26.25 -2.33 0.21	25.93 -1.91 0.00	20.66 -1.51 0.00	22.89 -1.53 0.00	26.20 -1.72 0.00	24.60 -1.62 0.00	26.59 -1.64 0.00	30.04 -1.83 0.00	45.37 -2.92 0.01	67.81 -4.38 0.35	55.58 -3.40 0.68	42.58 -2.72 0.01	40.61 -2.88 0.00	34.78 -2.92 0.01	33.64 -1.94 0.00
SAWYER__23_KV_LOAD 55526	16.11 -1.97 2.77	16.07 -1.69 0.00	10.78 -1.21 0.00	14.36 -1.58 0.00	18.94 -2.14 0.06	21.16 -2.22 0.02	29.82 -3.28 1.61	34.53 -3.63 6.80	31.89 -3.29 4.96	26.25 -2.33 0.21	25.93 -1.91 0.00	20.66 -1.51 0.00	22.89 -1.53 0.00	26.20 -1.72 0.00	24.60 -1.62 0.00	26.59 -1.64 0.00	30.04 -1.83 0.00	45.37 -2.92 0.01	67.81 -4.38 0.35	55.58 -3.40 0.68	42.58 -2.72 0.01	40.61 -2.88 0.00	34.78 -2.92 0.01	33.64 -1.94 0.00
SELKIRK__I 23801	21.40 0.55 0.00	18.22 0.46 0.00	12.29 0.30 0.00	16.34 0.39 0.00	21.65 0.52 0.00	23.93 0.53 0.00	35.45 0.75 0.00	45.90 0.93 0.00	40.76 0.62 0.00	29.11 0.32 0.00	28.09 0.25 0.00	22.37 0.20 0.00	24.61 0.18 0.00	28.10 0.18 0.00	26.44 0.22 0.00	28.52 0.29 0.00	32.32 0.45 0.00	49.03 0.73 0.00	73.70 1.17 0.00	60.51 0.85 0.00	45.96 0.66 0.00	44.32 0.83 0.00	38.39 0.69 0.00	36.17 0.59 0.00
SELKIRK__II 23799	21.34 0.48 0.00	18.16 0.40 0.00	12.24 0.26 0.00	16.27 0.33 0.00	21.57 0.43 0.00	23.83 0.43 0.00	35.32 0.62 0.00	45.72 0.75 0.00	40.71 0.57 0.00	29.18 0.39 0.00	28.18 0.34 0.00	22.43 0.26 0.00	24.67 0.25 0.00	28.16 0.24 0.00	26.46 0.24 0.00	28.50 0.26 0.00	32.24 0.37 0.00	48.88 0.58 0.00	73.45 0.91 0.00	60.31 0.65 0.00	45.82 0.52 0.00	44.18 0.69 0.00	38.26 0.56 0.00	36.05 0.46 0.00
SENECA OSWGO__HYD 24041	20.16 -0.70 0.00	17.16 -0.60 0.00	11.57 -0.40 0.00	15.40 -0.55 0.00	20.40 -0.73 0.00	22.60 -0.80 0.00	33.57 -1.14 0.00	43.55 -1.41 0.00	38.79 -1.35 0.00	27.80 -0.99 0.00	26.92 -0.92 0.00	21.47 -0.70 0.00	23.66 -0.76 0.00	27.03 -0.89 0.00	25.36 -0.86 0.00	27.36 -0.88 0.00	30.74 -1.13 0.00	46.71 -1.59 0.00	70.37 -2.16 0.00	57.99 -1.67 0.00	44.04 -1.26 0.00	42.24 -1.25 0.00	36.53 -1.17 0.00	34.44 -1.14 0.00
SENECA__115KV_TB3 355854	16.29 -1.71 2.87	16.31 -1.45 0.00	10.93 -1.05 0.00	14.57 -1.37 0.00	19.25 -1.82 0.06	21.52 -1.86 0.02	29.65 -2.67 2.38	34.11 -2.80 8.06	30.68 -2.54 6.91	26.75 -1.84 0.20	26.40 -1.45 0.00	21.04 -1.13 0.00	23.29 -1.14 0.00	26.71 -1.22 0.00	25.07 -1.14 0.00	27.12 -1.12 0.00	30.67 -1.20 0.00	38.28 -1.94 8.09	47.17 -2.92 22.44	19.46 -2.34 37.86	15.62 -1.97 27.70	10.95 -2.10 30.44	22.00 -2.27 13.43	1.07 -1.37 33.15
SENECA__ENERGY 23797	18.80 -0.52 1.53	17.32 -0.44 0.00	11.66 -0.32 0.00	15.52 -0.42 0.00	20.61 -0.52 0.00	22.84 -0.56 0.00	34.01 -0.69 0.00	44.31 -0.66 0.00	39.37 -0.77 0.00	28.09 -0.70 0.00	27.17 -0.67 0.00	21.66 -0.51 0.00	23.92 -0.50 0.00	27.40 -0.52 0.00	25.76 -0.45 0.00	27.78 -0.46 0.00	31.45 -0.42 0.00	47.73 -0.57 0.00	71.68 -0.85 0.00	59.05 -0.61 0.00	44.92 -0.38 0.00	42.96 -0.53 0.00	37.06 -0.63 0.00	35.05 -0.54 0.00
SHOEMAKER__GT 23640	21.48 0.63 0.00	18.23 0.47 0.00	12.29 0.30 0.00	16.35 0.40 0.00	21.65 0.52 0.00	23.93 0.53 0.00	35.53 0.82 0.00	45.99 1.02 0.00	40.99 0.85 0.00	29.44 0.66 0.00	28.41 0.57 0.00	22.68 0.51 0.00	24.87 0.44 0.00	28.38 0.45 0.00	26.67 0.46 0.00	28.78 0.54 0.00	32.52 0.65 0.00	49.33 1.03 0.00	74.12 1.58 0.00	61.07 1.41 0.00	46.35 1.05 0.00	44.61 1.12 0.00	38.60 0.90 0.00	36.24 0.65 0.00
SHOEMAKR_138KV_BK 111 55601	21.47 0.62 0.00	18.23 0.47 0.00	12.28 0.30 0.00	16.34 0.40 0.00	21.65 0.52 0.00	23.92 0.52 0.00	35.50 0.80 0.00	45.97 1.01 0.00	40.98 0.84 0.00	29.44 0.66 0.00	28.43 0.59 0.00	22.69 0.53 0.00	24.89 0.47 0.00	28.41 0.48 0.00	26.69 0.48 0.00	28.80 0.57 0.00	32.55 0.68 0.00	49.36 1.06 0.00	74.09 1.55 0.00	61.03 1.37 0.00	46.32 1.02 0.00	44.61 1.12 0.00	38.59 0.89 0.00	36.23 0.64 0.00
SHOREHAM_IC_1 23715	21.76 0.91 0.00	18.40 0.64 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.93 0.80 0.00	24.39 0.99 0.00	35.83 1.13 0.00	46.35 1.38 0.00	41.29 1.15 0.00	30.03 1.25 0.00	28.90 1.06 0.00	22.87 0.70 0.00	24.97 0.54 0.00	28.43 0.51 0.00	26.75 0.53 0.00	28.77 0.53 0.00	32.67 0.80 0.00	49.74 1.44 0.00	74.65 2.12 0.00	60.73 1.08 0.00	46.09 0.79 0.00	45.20 1.71 0.00	39.30 1.60 0.00	36.99 1.40 0.00
SHOREHAM_IC_2 23716	21.76 0.91 0.00	18.40 0.64 0.00	12.35 0.37 0.00	16.44 0.50 0.00	21.93 0.80 0.00	24.39 0.99 0.00	35.83 1.13 0.00	46.35 1.38 0.00	41.29 1.15 0.00	30.03 1.25 0.00	28.90 1.06 0.00	22.87 0.70 0.00	24.97 0.54 0.00	28.43 0.51 0.00	26.75 0.53 0.00	28.77 0.53 0.00	32.67 0.80 0.00	49.74 1.44 0.00	74.65 2.12 0.00	60.73 1.08 0.00	46.09 0.79 0.00	45.20 1.71 0.00	39.30 1.60 0.00	36.99 1.40 0.00
SISSONVILLE__ 23735	20.52 -0.33 0.00	17.52 -0.24 0.00	11.85 -0.13 0.00	15.81 -0.13 0.00	20.98 -0.16 0.00	23.47 0.07 0.00	34.89 0.19 0.00	45.38 0.41 0.00	40.48 0.34 0.00	28.79 0.00 0.00	27.78 -0.06 0.00	22.02 -0.15 0.00	24.49 0.06 0.00	28.26 0.34 0.00	26.46 0.24 0.00	28.40 0.16 0.00	31.58 -0.29 0.00	47.92 -0.39 0.00	72.40 -0.13 0.00	59.65 -0.01 0.00	45.23 -0.07 0.00	43.51 0.02 0.00	38.02 0.32 0.00	35.94 0.36 0.00
SITHE_IND_GS1 24169	20.25 -0.60 0.00	17.25 -0.51 0.00	11.64 -0.34 0.00	15.48 -0.46 0.00	20.52 -0.61 0.00	22.70 -0.69 0.00	33.64 -1.06 0.00	43.66 -1.31 0.00	38.91 -1.22 0.00	27.91 -0.88 0.00	27.04 -0.80 0.00	21.58 -0.60 0.00	23.77 -0.66 0.00	27.17 -0.75 0.00	25.51 -0.71 0.00	27.46 -0.77 0.00	30.98 -0.89 0.00	46.94 -1.37 0.00	70.47 -2.06 0.00	58.01 -1.65 0.00	44.06 -1.24 0.00	42.28 -1.21 0.00	36.59 -1.11 0.00	34.56 -1.02 0.00
SITHE_IND_GS2 24170	20.25 -0.60 0.00	17.25 -0.51 0.00	11.64 -0.34 0.00	15.48 -0.46 0.00	20.52 -0.61 0.00	22.70 -0.69 0.00	33.64 -1.06 0.00	43.66 -1.31 0.00	38.91 -1.22 0.00	27.91 -0.88 0.00	27.04 -0.80 0.00	21.58 -0.60 0.00	23.77 -0.66 0.00	27.17 -0.75 0.00	25.51 -0.71 0.00	27.46 -0.77 0.00	30.98 -0.89 0.00	46.94 -1.37 0.00	70.47 -2.06 0.00	58.01 -1.65 0.00	44.06 -1.24 0.00	42.28 -1.21 0.00	36.59 -1.11 0.00	34.56 -1.02 0.00
SITHE_IND_GS3 24171	20.25 -0.60 0.00	17.25 -0.51 0.00	11.64 -0.34 0.00	15.48 -0.46 0.00	20.52 -0.61 0.00	22.70 -0.69 0.00	33.64 -1.06 0.00	43.66 -1.31 0.00	38.91 -1.22 0.00	27.91 -0.88 0.00	27.04 -0.80 0.00	21.58 -0.60 0.00	23.77 -0.66 0.00	27.17 -0.75 0.00	25.51 -0.71 0.00	27.46 -0.77 0.00	30.98 -0.89 0.00	46.94 -1.37 0.00	70.47 -2.06 0.00	58.01 -1.65 0.00	44.06 -1.24 0.00	42.28 -1.21 0.00	36.59 -1.11 0.00	34.56 -1.02 0.00

SITHE_IND_GS4 24172	20.25 -0.60 0.00	17.25 -0.51 0.00	11.64 -0.34 0.00	15.48 -0.46 0.00	20.52 -0.61 0.00	22.70 -0.69 0.00	33.64 -1.06 0.00	43.66 -1.31 0.00	38.91 -1.22 0.00	27.91 -0.88 0.00	27.04 -0.80 0.00	21.58 -0.60 0.00	23.77 -0.66 0.00	27.17 -0.75 0.00	25.51 -0.71 0.00	27.46 -0.77 0.00	30.98 -0.89 0.00	46.94 -1.37 0.00	70.47 -2.06 0.00	58.01 -1.65 0.00	44.06 -1.24 0.00	42.28 -1.21 0.00	36.59 -1.11 0.00	34.56 -1.02 0.00
SITHE__BATAVIA 24024	17.39 -1.25 2.22	16.65 -1.11 0.00	11.16 -0.82 0.00	15.02 -0.93 0.00	21.48 0.33 -0.02	24.00 0.60 0.00	36.37 1.35 -0.33	73.34 0.68 -27.70	62.38 -1.12 -23.36	28.67 -1.14 -1.02	26.95 -0.89 0.00	21.52 -0.65 0.00	23.82 -0.61 0.00	27.08 -0.84 0.00	25.49 -0.73 0.00	27.64 -0.59 0.00	31.20 -0.67 0.00	42.73 -0.85 4.73	60.25 -0.94 11.35	40.59 -0.44 18.62	28.45 -0.51 16.33	24.80 -0.72 17.97	28.57 -1.22 7.91	14.07 -0.86 20.66
SITHE__INDEPEND 23800	20.25 -0.60 0.00	17.25 -0.51 0.00	11.64 -0.34 0.00	15.48 -0.46 0.00	20.52 -0.62 0.00	22.70 -0.69 0.00	33.64 -1.06 0.00	43.65 -1.32 0.00	38.91 -1.22 0.00	27.91 -0.87 0.00	27.04 -0.80 0.00	21.57 -0.60 0.00	23.77 -0.66 0.00	27.17 -0.76 0.00	25.51 -0.71 0.00	27.46 -0.77 0.00	30.98 -0.89 0.00	46.93 -1.38 0.00	70.49 -2.05 0.00	58.03 -1.63 0.00	44.07 -1.23 0.00	42.28 -1.21 0.00	36.59 -1.11 0.00	34.56 -1.02 0.00
SITHE__MASSENA 23902	20.84 -0.02 0.00	17.78 0.03 0.00	12.02 0.04 0.00	16.03 0.09 0.00	21.25 0.12 0.00	23.74 0.34 0.00	35.19 0.49 0.00	45.76 0.79 0.00	40.91 0.77 0.00	29.23 0.45 0.00	28.22 0.38 0.00	22.39 0.21 0.00	24.83 0.40 0.00	28.55 0.62 0.00	26.73 0.51 0.00	28.73 0.50 0.00	32.20 0.34 0.00	48.76 0.46 0.00	73.36 0.82 0.00	60.33 0.67 0.00	45.80 0.51 0.00	43.85 0.36 0.00	38.20 0.50 0.00	36.18 0.60 0.00
SITHE__OGDNSBRG 24021	21.04 0.18 0.00	17.96 0.20 0.00	12.15 0.17 0.00	16.21 0.27 0.00	21.50 0.37 0.00	24.08 0.68 0.00	35.73 1.03 0.00	46.51 1.55 0.00	41.41 1.27 0.00	29.24 0.45 0.00	28.15 0.31 0.00	22.35 0.18 0.00	24.86 0.43 0.00	28.84 0.92 0.00	26.97 0.75 0.00	28.93 0.69 0.00	32.17 0.30 0.00	48.94 0.64 0.00	74.18 1.65 0.00	61.14 1.49 0.00	46.40 1.11 0.00	44.48 0.99 0.00	38.77 1.07 0.00	36.69 1.10 0.00
SITHE__STERLING 23777	21.05 0.19 0.00	17.91 0.15 0.00	12.09 0.11 0.00	16.09 0.14 0.00	21.36 0.23 0.00	23.73 0.33 0.00	35.38 0.67 0.00	45.85 0.88 0.00	40.73 0.59 0.00	28.96 0.18 0.00	28.12 0.28 0.00	22.41 0.25 0.00	24.73 0.30 0.00	28.27 0.35 0.00	26.62 0.40 0.00	28.67 0.43 0.00	32.29 0.42 0.00	49.18 0.88 0.00	74.43 1.89 0.00	61.33 1.67 0.00	46.47 1.18 0.00	44.55 1.06 0.00	38.52 0.82 0.00	36.25 0.67 0.00
SLEIGHT__34_KV_TB1 80719	18.70 -0.76 1.40	17.10 -0.66 0.00	11.50 -0.48 0.00	15.31 -0.64 0.00	20.35 -0.80 -0.01	22.58 -0.81 0.00	33.88 -1.09 -0.27	45.20 -1.10 -1.34	40.15 -1.19 -1.20	27.90 -0.94 -0.05	26.98 -0.86 0.00	21.54 -0.63 0.00	23.80 -0.62 0.00	27.18 -0.74 0.00	25.53 -0.68 0.00	27.59 -0.65 0.00	31.16 -0.71 0.00	47.27 -1.03 0.00	71.11 -1.50 -0.08	58.71 -1.12 -0.16	44.46 -0.84 0.00	42.51 -0.98 0.00	36.61 -1.09 0.00	34.70 -0.89 0.00
SMITHTWN_69_KV_BK 1 55830	21.95 1.10 0.00	18.57 0.81 0.00	12.47 0.49 0.00	16.60 0.66 0.00	22.06 0.93 0.00	24.51 1.11 0.00	36.08 1.38 0.00	46.60 1.64 0.00	41.63 1.50 0.00	30.25 1.46 0.00	29.24 1.40 0.00	23.20 1.03 0.00	25.35 0.93 0.00	28.81 0.88 0.00	27.10 0.89 0.00	29.24 1.01 0.00	33.20 1.33 0.00	50.34 2.03 0.00	75.40 2.87 0.00	61.74 2.08 0.00	47.04 1.74 0.00	45.75 2.26 0.00	39.65 1.95 0.00	37.18 1.59 0.00
SOUTH CAIRO__GT 23612	22.00 1.15 0.00	18.71 0.95 0.00	12.61 0.63 0.00	16.77 0.83 0.00	22.24 1.11 0.00	24.65 1.25 0.00	36.69 1.99 0.00	47.71 2.74 0.00	42.24 2.11 0.00	29.83 1.05 0.00	28.55 0.71 0.00	22.65 0.48 0.00	24.90 0.47 0.00	28.42 0.49 0.00	26.70 0.49 0.00	28.90 0.66 0.00	32.94 1.07 0.00	50.53 2.23 0.00	76.06 3.53 0.00	62.61 2.95 0.00	47.55 2.26 0.00	45.78 2.29 0.00	39.51 1.81 0.00	37.14 1.55 0.00
SOUTH HAMPTN__IC 23720	21.68 0.82 0.00	18.33 0.57 0.00	12.28 0.30 0.00	16.37 0.42 0.00	21.94 0.81 0.00	24.46 1.07 0.00	35.94 1.24 0.00	46.54 1.57 0.00	41.51 1.38 0.00	30.13 1.35 0.00	28.97 1.13 0.00	22.89 0.72 0.00	24.96 0.54 0.00	28.44 0.51 0.00	26.75 0.53 0.00	28.73 0.49 0.00	32.56 0.69 0.00	49.54 1.23 0.00	74.42 1.88 0.00	60.65 0.99 0.00	46.03 0.73 0.00	45.10 1.61 0.00	39.17 1.47 0.00	36.81 1.22 0.00
SOUTH DOW__115KV_TB1 355954	20.92 -1.40 -1.47	16.54 -1.22 0.00	11.15 -0.83 0.00	14.93 -1.01 0.00	19.78 -1.30 0.05	22.10 -1.28 0.02	31.54 -1.66 1.50	37.45 -1.41 6.11	34.13 -1.50 4.51	27.58 -1.02 0.19	27.39 -0.45 0.00	21.85 -0.32 0.00	24.18 -0.24 0.00	27.79 -0.14 0.00	26.19 -0.03 0.00	28.28 0.05 0.00	32.06 0.19 0.00	48.25 -0.05 0.01	71.92 -0.30 0.32	58.90 -0.14 0.62	44.92 -0.37 0.01	42.83 -0.66 0.00	36.67 -1.03 0.00	35.16 -0.42 0.00
SOUTHOLD_69_KV_BK 2 55809	21.58 0.72 0.00	18.25 0.49 0.00	12.21 0.23 0.00	16.28 0.33 0.00	21.96 0.83 0.00	24.55 1.16 0.00	36.09 1.39 0.00	46.83 1.86 0.00	41.82 1.68 0.00	30.27 1.48 0.00	29.07 1.23 0.00	22.92 0.75 0.00	24.96 0.54 0.00	28.40 0.48 0.00	26.69 0.47 0.00	28.62 0.39 0.00	32.36 0.49 0.00	49.21 0.91 0.00	74.00 1.46 0.00	60.34 0.68 0.00	45.79 0.50 0.00	44.86 1.37 0.00	38.92 1.22 0.00	36.55 0.97 0.00
SOUTHOLD__IC 23719	21.58 0.72 0.00	18.25 0.49 0.00	12.21 0.23 0.00	16.28 0.33 0.00	21.96 0.83 0.00	24.55 1.16 0.00	36.08 1.38 0.00	46.83 1.86 0.00	41.81 1.68 0.00	30.27 1.48 0.00	29.07 1.23 0.00	22.92 0.75 0.00	24.96 0.54 0.00	28.40 0.48 0.00	26.69 0.47 0.00	28.62 0.39 0.00	32.36 0.49 0.00	49.20 0.90 0.00	74.02 1.49 0.00	60.39 0.73 0.00	45.82 0.53 0.00	44.87 1.38 0.00	38.94 1.24 0.00	36.55 0.97 0.00
SOUTH_FORK_WT_PWR 323839	21.30 0.44 0.00	18.02 0.26 0.00	12.03 0.05 0.00	16.05 0.10 0.00	21.77 0.64 0.00	24.40 1.00 0.00	35.83 1.13 0.00	46.58 1.61 0.00	41.67 1.53 0.00	30.11 1.33 0.00	28.93 1.08 0.00	22.77 0.60 0.00	24.78 0.36 0.00	28.18 0.25 0.00	26.47 0.25 0.00	28.30 0.06 0.00	31.89 0.02 0.00	48.41 0.11 0.00	72.89 0.36 0.00	59.45 -0.21 0.00	45.11 -0.18 0.00	44.20 0.70 0.00	38.37 0.67 0.00	35.98 0.40 0.00
SPIERFLS_115KV_TB 1 80737	21.36 0.50 0.00	18.18 0.42 0.00	12.23 0.25 0.00	16.26 0.32 0.00	21.60 0.47 0.00	23.95 0.55 0.00	35.67 0.97 0.00	46.32 1.35 0.00	40.95 0.81 0.00	28.98 0.19 0.00	27.77 -0.07 0.00	22.00 -0.17 0.00	24.20 -0.23 0.00	27.61 -0.31 0.00	25.99 -0.23 0.00	28.22 -0.01 0.00	32.22 0.35 0.00	49.21 0.91 0.00	74.36 1.83 0.00	60.92 1.26 0.00	46.22 0.93 0.00	44.53 1.04 0.00	38.33 0.63 0.00	36.02 0.44 0.00

ST LAWRENCE____ 23600	20.67 -0.19 0.00	17.65 -0.11 0.00	11.93 -0.05 0.00	15.90 -0.04 0.00	21.08 -0.06 0.00	23.43 0.04 0.00	34.73 0.03 0.00	45.17 0.20 0.00	40.40 0.27 0.00	28.95 0.16 0.00	27.96 0.12 0.00	22.18 0.01 0.00	24.55 0.12 0.00	28.16 0.24 0.00	26.40 0.18 0.00	28.39 0.15 0.00	31.92 0.05 0.00	48.31 0.01 0.00	72.48 -0.06 0.00	59.60 -0.06 0.00	45.26 -0.03 0.00	43.33 -0.16 0.00	37.63 -0.06 0.00	35.67 0.09 0.00
STATE_CA_115KV_115_LB 55624	21.49 0.64 0.00	18.29 0.53 0.00	12.33 0.35 0.00	16.38 0.44 0.00	21.71 0.58 0.00	24.00 0.60 0.00	35.58 0.88 0.00	46.08 1.12 0.00	41.01 0.87 0.00	29.38 0.59 0.00	28.36 0.51 0.00	22.55 0.38 0.00	24.82 0.39 0.00	28.33 0.40 0.00	26.63 0.42 0.00	28.71 0.48 0.00	32.48 0.61 0.00	49.24 0.94 0.00	74.06 1.53 0.00	60.75 1.09 0.00	46.15 0.86 0.00	44.52 1.04 0.00	38.50 0.80 0.00	36.29 0.70 0.00
STATE_ST_34_KV_LOAD 55959	19.68 -0.10 1.08	17.68 -0.08 0.00	11.87 -0.10 0.00	15.80 -0.15 0.00	21.01 -0.12 0.00	23.23 -0.17 0.00	34.55 -0.15 0.00	44.91 -0.06 0.00	39.84 -0.30 0.00	28.44 -0.35 0.00	27.54 -0.30 0.00	21.91 -0.26 0.00	24.21 -0.21 0.00	27.68 -0.24 0.00	26.09 -0.13 0.00	28.17 -0.07 0.00	31.83 -0.04 0.00	48.30 0.00 0.00	72.35 -0.19 0.00	59.63 -0.03 0.00	45.48 0.18 0.00	43.54 0.05 0.00	37.63 -0.07 0.00	35.45 -0.13 0.00
STATION_5_MISC_HYD 23604	18.30 -0.87 1.68	17.00 -0.76 0.00	11.43 -0.55 0.00	15.23 -0.72 0.00	20.29 -0.86 -0.02	22.55 -0.85 0.00	33.85 -1.14 -0.29	47.03 -1.12 -3.18	40.92 -1.20 -1.98	27.97 -0.92 -0.11	27.14 -0.70 0.00	21.64 -0.53 0.00	23.90 -0.52 0.00	27.35 -0.57 0.00	25.67 -0.55 0.00	27.67 -0.56 0.00	31.25 -0.61 0.00	44.74 -0.92 2.64	64.14 -1.34 7.05	46.79 -1.05 11.81	35.35 -0.89 9.06	32.51 -1.02 9.96	32.11 -1.19 4.39	22.92 -0.83 11.84
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.51 -0.69 1.66	17.16 -0.60 0.00	11.55 -0.43 0.00	15.39 -0.56 0.00	20.44 -0.70 -0.01	22.70 -0.70 0.00	34.10 -0.89 -0.29	45.77 -0.86 -1.66	40.69 -0.94 -1.49	28.06 -0.79 -0.06	27.18 -0.66 0.00	21.68 -0.49 0.00	23.94 -0.48 0.00	27.40 -0.52 0.00	25.72 -0.49 0.00	27.75 -0.48 0.00	31.37 -0.50 0.00	47.60 -0.71 0.00	71.66 -0.97 -0.10	59.19 -0.68 -0.20	44.74 -0.56 0.00	42.74 -0.75 0.00	36.81 -0.89 0.00	34.91 -0.67 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.26 -0.95 1.64	16.93 -0.83 0.00	11.38 -0.60 0.00	15.16 -0.78 0.00	20.19 -0.96 -0.02	22.43 -0.97 0.00	33.83 -1.33 -0.46	46.82 -1.38 -3.24	41.10 -1.41 -2.37	27.82 -1.06 -0.10	26.99 -0.85 0.00	21.52 -0.64 0.00	23.77 -0.65 0.00	27.19 -0.73 0.00	25.53 -0.69 0.00	27.51 -0.73 0.00	31.08 -0.79 0.00	47.11 -1.20 0.00	70.96 -1.74 -0.16	58.67 -1.31 -0.32	44.21 -1.09 0.00	42.24 -1.25 0.00	36.33 -1.38 0.00	34.54 -1.05 0.00
STA_56____34_KV_BUS2 355983	18.26 -0.95 1.64	16.93 -0.83 0.00	11.38 -0.60 0.00	15.16 -0.78 0.00	20.19 -0.96 -0.02	22.43 -0.97 0.00	33.83 -1.33 -0.46	46.82 -1.38 -3.24	41.10 -1.41 -2.37	27.82 -1.06 -0.10	26.99 -0.85 0.00	21.52 -0.64 0.00	23.77 -0.65 0.00	27.19 -0.73 0.00	25.53 -0.69 0.00	27.51 -0.73 0.00	31.08 -0.79 0.00	47.11 -1.20 0.00	70.96 -1.74 -0.16	58.67 -1.31 -0.32	44.21 -1.09 0.00	42.24 -1.25 0.00	36.33 -1.38 0.00	34.54 -1.05 0.00
STA_67____115KV_BK2 355882	18.27 -0.91 1.68	16.98 -0.78 0.00	11.41 -0.57 0.00	15.20 -0.74 0.00	20.25 -0.90 -0.02	22.51 -0.90 0.00	34.00 -1.22 -0.51	47.38 -1.25 -3.66	41.51 -1.29 -2.67	27.92 -0.98 -0.11	27.08 -0.76 0.00	21.59 -0.58 0.00	23.85 -0.57 0.00	27.29 -0.63 0.00	25.62 -0.60 0.00	27.61 -0.63 0.00	31.19 -0.68 0.00	47.29 -1.02 -0.01	71.24 -1.49 -0.18	58.93 -1.09 -0.36	44.36 -0.94 0.00	42.38 -1.11 0.00	36.45 -1.25 0.00	34.68 -0.91 0.00
STA_7____115KV_9TRANS 80674	18.39 -0.79 1.68	17.07 -0.69 0.00	11.47 -0.51 0.00	15.28 -0.66 0.00	20.36 -0.79 -0.02	22.65 -0.76 0.00	34.21 -1.00 -0.51	47.67 -0.95 -3.64	41.75 -1.04 -2.65	28.09 -0.81 -0.11	27.26 -0.58 0.00	21.74 -0.43 0.00	24.02 -0.40 0.00	27.48 -0.44 0.00	25.79 -0.42 0.00	27.81 -0.43 0.00	31.42 -0.45 0.00	47.63 -0.68 -0.01	71.79 -0.93 -0.18	59.38 -0.65 -0.36	44.70 -0.61 0.00	42.68 -0.82 0.00	36.69 -1.01 0.00	34.89 -0.69 0.00
STA_82____115KV_TB1 80780	18.24 -0.93 1.69	16.96 -0.80 0.00	11.40 -0.58 0.00	15.19 -0.76 0.00	20.24 -0.91 -0.02	22.49 -0.91 0.00	33.99 -1.24 -0.53	47.59 -1.28 -3.90	41.64 -1.33 -2.83	27.90 -1.01 -0.12	27.05 -0.79 0.00	21.57 -0.60 0.00	23.83 -0.60 0.00	27.26 -0.66 0.00	25.59 -0.62 0.00	27.59 -0.65 0.00	31.16 -0.71 0.00	47.24 -1.07 -0.01	71.18 -1.55 -0.20	58.90 -1.15 -0.39	44.33 -0.97 0.00	42.35 -1.15 0.00	36.42 -1.28 0.00	34.65 -0.94 0.00
STEEL____WIND 323596	16.25 -1.74 2.87	16.29 -1.47 0.00	10.92 -1.06 0.00	14.55 -1.39 0.00	19.22 -1.86 0.06	21.48 -1.90 0.02	29.58 -2.75 2.38	34.03 -2.88 8.06	30.66 -2.57 6.91	26.73 -1.86 0.20	26.37 -1.48 0.00	21.02 -1.15 0.00	23.25 -1.17 0.00	26.67 -1.25 0.00	25.05 -1.17 0.00	27.09 -1.15 0.00	30.64 -1.23 0.00	38.23 -1.99 8.09	47.10 -2.99 22.44	19.43 -2.37 37.86	15.59 -2.01 27.70	10.93 -2.13 30.44	21.95 -2.32 13.43	1.03 -1.41 33.15
STEPHTWN_115KV_BK_2 55603	21.61 0.75 0.00	18.43 0.68 0.00	12.42 0.44 0.00	16.51 0.56 0.00	21.88 0.75 0.00	24.15 0.76 0.00	35.88 1.18 0.00	46.35 1.38 0.00	41.20 1.07 0.00	29.48 0.69 0.00	28.41 0.57 0.00	22.59 0.42 0.00	24.84 0.42 0.00	28.33 0.41 0.00	26.63 0.42 0.00	28.73 0.50 0.00	32.54 0.67 0.00	49.39 1.09 0.00	74.33 1.80 0.00	61.00 1.34 0.00	46.35 1.05 0.00	44.67 1.19 0.00	38.64 0.94 0.00	36.41 0.83 0.00
STEBEN_REC_LFGE 323667	11.97 -2.26 6.63	15.87 -1.89 0.00	10.79 -1.19 0.00	14.42 -1.52 0.00	19.14 -1.98 0.02	21.37 -2.02 0.00	31.62 -2.63 0.46	40.64 -2.99 1.34	35.84 -3.09 1.21	26.38 -2.36 0.05	25.75 -2.09 0.00	20.61 -1.56 0.00	22.77 -1.65 0.00	26.34 -1.58 0.00	25.01 -1.21 0.00	27.30 -0.94 0.00	31.06 -0.81 0.00	47.14 -1.15 0.00	71.08 -1.37 0.08	58.70 -0.79 0.17	44.50 -0.80 0.00	41.93 -1.56 0.00	36.18 -1.52 0.00	34.69 -0.90 0.00
STILLWATER____SOLAR 323814	21.49 0.63 0.00	18.30 0.54 0.00	12.32 0.35 0.00	16.38 0.43 0.00	21.73 0.60 0.00	24.06 0.67 0.00	35.77 1.06 0.00	46.38 1.42 0.00	41.13 0.99 0.00	29.23 0.45 0.00	28.09 0.24 0.00	22.28 0.11 0.00	24.51 0.09 0.00	27.98 0.05 0.00	26.32 0.10 0.00	28.50 0.27 0.00	32.44 0.57 0.00	49.34 1.04 0.00	74.49 1.96 0.00	61.09 1.43 0.00	46.38 1.08 0.00	44.71 1.22 0.00	38.59 0.89 0.00	36.32 0.73 0.00
STONY____BROOK 24151	21.94 1.09 0.00	18.55 0.79 0.00	12.46 0.48 0.00	16.59 0.64 0.00	22.05 0.92 0.00	24.49 1.10 0.00	36.07 1.37 0.00	46.61 1.65 0.00	41.64 1.51 0.00	30.26 1.47 0.00	29.24 1.40 0.00	23.19 1.02 0.00	25.35 0.92 0.00	28.77 0.85 0.00	27.07 0.85 0.00	29.20 0.96 0.00	33.14 1.27 0.00	50.25 1.94 0.00	75.32 2.78 0.00	61.63 1.97 0.00	46.96 1.66 0.00	45.67 2.18 0.00	39.60 1.90 0.00	37.13 1.54 0.00

STURGEON_POOL_HYD 23609	21.60 0.75 0.00	18.32 0.56 0.00	12.34 0.36 0.00	16.42 0.48 0.00	21.75 0.62 0.00	24.06 0.66 0.00	35.71 1.01 0.00	46.25 1.29 0.00	41.26 1.13 0.00	29.68 0.89 0.00	28.66 0.81 0.00	22.87 0.69 0.00	25.06 0.64 0.00	28.59 0.66 0.00	26.84 0.62 0.00	28.95 0.71 0.00	32.69 0.82 0.00	49.58 1.28 0.00	74.43 1.90 0.00	61.29 1.63 0.00	46.54 1.24 0.00	44.82 1.33 0.00	38.76 1.06 0.00	36.37 0.79 0.00
ST_LAW_115_BK7_LBMP 345037	20.67 -0.18 0.00	17.65 -0.11 0.00	11.93 -0.05 0.00	15.91 -0.03 0.00	21.08 -0.05 0.00	23.45 0.05 0.00	34.75 0.05 0.00	45.20 0.23 0.00	40.42 0.28 0.00	28.95 0.17 0.00	27.96 0.12 0.00	22.18 0.01 0.00	24.56 0.13 0.00	28.18 0.26 0.00	26.40 0.18 0.00	28.39 0.16 0.00	31.91 0.04 0.00	48.29 -0.01 0.00	72.43 -0.11 0.00	59.55 -0.11 0.00	45.24 -0.05 0.00	43.30 -0.19 0.00	37.64 -0.05 0.00	35.69 0.10 0.00
ST_LAW_115_BK8_LBMP 345038	20.67 -0.18 0.00	17.65 -0.11 0.00	11.93 -0.05 0.00	15.91 -0.03 0.00	21.08 -0.05 0.00	23.45 0.05 0.00	34.75 0.05 0.00	45.20 0.23 0.00	40.42 0.28 0.00	28.95 0.17 0.00	27.96 0.12 0.00	22.18 0.01 0.00	24.56 0.13 0.00	28.18 0.26 0.00	26.40 0.18 0.00	28.39 0.16 0.00	31.91 0.04 0.00	48.29 -0.01 0.00	72.43 -0.11 0.00	59.55 -0.11 0.00	45.24 -0.05 0.00	43.30 -0.19 0.00	37.64 -0.05 0.00	35.69 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	20.67 -0.19 0.00	17.65 -0.11 0.00	11.93 -0.05 0.00	15.90 -0.04 0.00	21.08 -0.06 0.00	23.43 0.04 0.00	34.73 0.03 0.00	45.17 0.20 0.00	40.40 0.27 0.00	28.95 0.16 0.00	27.96 0.12 0.00	22.18 0.01 0.00	24.55 0.12 0.00	28.16 0.24 0.00	26.40 0.18 0.00	28.39 0.15 0.00	31.92 0.05 0.00	48.31 0.01 0.00	72.48 -0.06 0.00	59.60 -0.06 0.00	45.26 -0.03 0.00	43.33 -0.16 0.00	37.63 -0.06 0.00	35.67 0.09 0.00
ST_LAW_230_BK6_LBMP 345036	20.67 -0.19 0.00	17.65 -0.11 0.00	11.93 -0.05 0.00	15.90 -0.04 0.00	21.08 -0.06 0.00	23.43 0.04 0.00	34.73 0.03 0.00	45.17 0.20 0.00	40.40 0.27 0.00	28.95 0.16 0.00	27.96 0.12 0.00	22.18 0.01 0.00	24.55 0.12 0.00	28.16 0.24 0.00	26.40 0.18 0.00	28.39 0.15 0.00	31.92 0.05 0.00	48.31 0.01 0.00	72.48 -0.06 0.00	59.60 -0.06 0.00	45.26 -0.03 0.00	43.33 -0.16 0.00	37.63 -0.06 0.00	35.67 0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.55 0.69 0.00	18.27 0.51 0.00	12.31 0.33 0.00	16.38 0.44 0.00	21.70 0.57 0.00	23.97 0.58 0.00	35.61 0.91 0.00	46.10 1.13 0.00	41.11 0.97 0.00	29.57 0.79 0.00	28.57 0.73 0.00	22.82 0.65 0.00	25.03 0.60 0.00	28.56 0.64 0.00	26.85 0.63 0.00	28.99 0.75 0.00	32.75 0.88 0.00	49.63 1.32 0.00	74.39 1.86 0.00	61.26 1.60 0.00	46.48 1.19 0.00	44.79 1.30 0.00	38.74 1.04 0.00	36.33 0.75 0.00
SWANROAD_115KV_TB1 355699	15.97 -2.33 2.55	15.71 -2.05 0.00	10.52 -1.46 0.00	14.02 -1.93 0.00	18.40 -2.66 0.07	20.57 -2.80 0.02	28.48 -4.02 2.21	8.87 -4.57 31.53	14.25 -4.17 21.71	24.77 -3.12 0.90	25.16 -2.68 0.00	20.04 -2.13 0.00	22.25 -2.18 0.00	25.40 -2.53 0.00	23.83 -2.39 0.00	25.77 -2.46 0.00	29.11 -2.76 0.00	43.92 -4.34 0.04	64.79 -6.23 1.52	51.98 -4.71 2.97	41.66 -3.61 0.03	39.82 -3.66 0.01	33.92 -3.76 0.02	32.86 -2.72 0.00
SYNERGY___BIOGAS 323694	17.39 -1.25 2.22	16.65 -1.11 0.00	11.16 -0.82 0.00	15.01 -0.93 0.00	21.48 0.33 -0.02	24.00 0.60 0.00	36.59 1.34 -0.54	73.81 0.63 -28.20	63.63 -1.14 -24.63	28.67 -1.14 -1.02	26.96 -0.88 0.00	21.52 -0.65 0.00	23.81 -0.61 0.00	27.08 -0.84 0.00	25.49 -0.73 0.00	27.63 -0.60 0.00	31.20 -0.66 0.00	47.50 -0.85 -0.05	73.36 -0.89 -1.72	62.73 -0.30 -3.37	44.93 -0.40 -0.03	42.79 -0.71 -0.02	36.54 -1.18 -0.02	34.72 -0.87 0.00
SYRACUSE___ENERGY_ST1 323597	20.11 -0.18 0.56	17.60 -0.16 0.00	11.86 -0.11 0.00	15.78 -0.16 0.00	20.93 -0.21 0.00	23.17 -0.23 0.00	34.43 -0.27 0.00	44.68 -0.29 0.00	39.76 -0.38 0.00	28.46 -0.32 0.00	27.59 -0.25 0.00	21.99 -0.18 0.00	24.23 -0.19 0.00	27.71 -0.21 0.00	26.02 -0.20 0.00	28.04 -0.20 0.00	31.64 -0.23 0.00	47.98 -0.32 0.00	72.07 -0.46 0.00	59.35 -0.31 0.00	45.13 -0.17 0.00	43.25 -0.24 0.00	37.40 -0.29 0.00	35.29 -0.29 0.00
SYRACUSE___ENERGY_ST2 323598	20.11 -0.18 0.56	17.60 -0.16 0.00	11.86 -0.11 0.00	15.78 -0.16 0.00	20.93 -0.21 0.00	23.17 -0.23 0.00	34.43 -0.27 0.00	44.68 -0.29 0.00	39.76 -0.38 0.00	28.46 -0.32 0.00	27.59 -0.25 0.00	21.99 -0.18 0.00	24.23 -0.19 0.00	27.71 -0.21 0.00	26.02 -0.20 0.00	28.04 -0.20 0.00	31.64 -0.23 0.00	47.98 -0.32 0.00	72.07 -0.46 0.00	59.35 -0.31 0.00	45.13 -0.17 0.00	43.25 -0.24 0.00	37.40 -0.29 0.00	35.29 -0.29 0.00
SYRACUSE___POWER 24017	20.68 -0.17 0.00	17.61 -0.15 0.00	11.87 -0.11 0.00	15.80 -0.15 0.00	20.93 -0.20 0.00	23.18 -0.21 0.00	34.45 -0.25 0.00	44.71 -0.26 0.00	39.80 -0.34 0.00	28.49 -0.30 0.00	27.62 -0.22 0.00	22.02 -0.15 0.00	24.26 -0.17 0.00	27.76 -0.16 0.00	26.04 -0.17 0.00	28.05 -0.19 0.00	31.66 -0.22 0.00	48.02 -0.29 0.00	72.17 -0.37 0.00	59.44 -0.22 0.00	45.16 -0.14 0.00	43.27 -0.22 0.00	37.43 -0.27 0.00	35.32 -0.26 0.00
TALLMAN__138KV_BK151 55660	21.63 0.77 0.00	18.33 0.57 0.00	12.35 0.37 0.00	16.43 0.49 0.00	21.76 0.63 0.00	24.04 0.65 0.00	35.73 1.03 0.00	46.24 1.27 0.00	41.24 1.11 0.00	29.72 0.93 0.00	28.73 0.89 0.00	22.98 0.81 0.00	25.19 0.77 0.00	28.74 0.82 0.00	27.03 0.82 0.00	29.19 0.95 0.00	32.99 1.12 0.00	49.92 1.62 0.00	74.69 2.15 0.00	61.51 1.85 0.00	46.68 1.39 0.00	45.02 1.53 0.00	38.94 1.24 0.00	36.49 0.90 0.00
TEALLAVE_115KV_TB7 355573	20.60 -0.26 0.00	17.54 -0.22 0.00	11.82 -0.16 0.00	15.73 -0.21 0.00	20.85 -0.28 0.00	23.09 -0.30 0.00	34.29 -0.41 0.00	44.51 -0.46 0.00	39.64 -0.50 0.00	28.39 -0.39 0.00	27.54 -0.30 0.00	21.97 -0.20 0.00	24.20 -0.23 0.00	27.67 -0.25 0.00	25.97 -0.25 0.00	27.97 -0.27 0.00	31.54 -0.33 0.00	47.84 -0.46 0.00	71.88 -0.66 0.00	59.19 -0.47 0.00	44.97 -0.33 0.00	43.10 -0.39 0.00	37.27 -0.43 0.00	35.18 -0.40 0.00
TELEGRAPH_34_KV_EAST 80808	16.71 -1.77 2.37	16.20 -1.56 0.00	10.85 -1.13 0.00	14.44 -1.50 0.00	18.83 -2.20 0.11	21.10 -2.26 0.04	28.50 -3.12 3.08	104.53 -3.14 -62.71	76.13 -2.70 -38.69	28.25 -2.14 -1.61	26.09 -1.75 0.00	20.77 -1.39 0.00	23.03 -1.40 0.00	26.26 -1.67 0.00	24.65 -1.57 0.00	26.68 -1.55 0.00	30.17 -1.70 0.00	45.82 -2.56 -0.08	71.76 -3.48 -2.70	62.50 -2.45 -5.29	43.35 -1.99 -0.05	41.33 -2.19 -0.03	35.23 -2.51 -0.04	33.83 -1.75 0.00
TEMPLE___115KV_TB 2 55572	20.61 -0.25 0.00	17.54 -0.22 0.00	11.83 -0.15 0.00	15.74 -0.21 0.00	20.86 -0.28 0.00	23.10 -0.30 0.00	34.29 -0.41 0.00	44.51 -0.46 0.00	39.64 -0.50 0.00	28.40 -0.38 0.00	27.55 -0.29 0.00	21.97 -0.20 0.00	24.20 -0.22 0.00	27.68 -0.24 0.00	25.97 -0.24 0.00	27.97 -0.26 0.00	31.56 -0.31 0.00	47.85 -0.45 0.00	71.89 -0.64 0.00	59.19 -0.47 0.00	44.97 -0.33 0.00	43.10 -0.39 0.00	37.27 -0.43 0.00	35.19 -0.40 0.00

TIANA___69_KV_BK 1 55817	21.74 0.88 0.00	18.39 0.63 0.00	12.33 0.35 0.00	16.43 0.48 0.00	21.96 0.83 0.00	24.46 1.06 0.00	35.94 1.24 0.00	46.50 1.53 0.00	41.45 1.32 0.00	30.12 1.34 0.00	28.97 1.13 0.00	22.90 0.73 0.00	24.98 0.55 0.00	28.47 0.55 0.00	26.79 0.57 0.00	28.81 0.57 0.00	32.68 0.81 0.00	49.74 1.43 0.00	74.65 2.12 0.00	60.81 1.15 0.00	46.16 0.86 0.00	45.25 1.76 0.00	39.29 1.59 0.00	36.96 1.37 0.00
TILDEN___115KV_TB1 80814	20.68 -0.17 0.00	17.61 -0.15 0.00	11.87 -0.11 0.00	15.80 -0.15 0.00	20.93 -0.20 0.00	23.18 -0.21 0.00	34.45 -0.25 0.00	44.71 -0.26 0.00	39.80 -0.34 0.00	28.49 -0.30 0.00	27.62 -0.22 0.00	22.02 -0.15 0.00	24.26 -0.17 0.00	27.76 -0.16 0.00	26.04 -0.17 0.00	28.05 -0.19 0.00	31.66 -0.22 0.00	48.02 -0.29 0.00	72.17 -0.37 0.00	59.44 -0.22 0.00	45.16 -0.14 0.00	43.27 -0.22 0.00	37.43 -0.27 0.00	35.32 -0.26 0.00
TRIGEN___CC 323695	21.78 0.93 0.00	18.45 0.69 0.00	12.41 0.43 0.00	16.52 0.57 0.00	21.91 0.78 0.00	24.26 0.86 0.00	35.80 1.10 0.00	46.27 1.30 0.00	41.35 1.21 0.00	29.97 1.18 0.00	29.02 1.19 0.00	23.14 0.97 0.00	25.35 0.92 0.00	28.91 0.98 0.00	27.20 0.98 0.00	29.34 1.11 0.00	33.20 1.33 0.00	50.14 1.84 0.00	75.02 2.48 0.00	61.61 1.96 0.00	46.93 1.63 0.00	45.39 1.90 0.00	39.30 1.60 0.00	36.84 1.25 0.00
TRINITY___115KV___4 BK 55933	21.41 0.56 0.00	18.23 0.47 0.00	12.28 0.30 0.00	16.32 0.38 0.00	21.63 0.50 0.00	23.91 0.51 0.00	35.41 0.71 0.00	45.86 0.89 0.00	40.82 0.69 0.00	29.26 0.48 0.00	28.25 0.42 0.00	22.48 0.31 0.00	24.74 0.31 0.00	28.22 0.30 0.00	26.52 0.30 0.00	28.55 0.32 0.00	32.30 0.43 0.00	48.97 0.66 0.00	73.64 1.11 0.00	60.42 0.76 0.00	45.90 0.60 0.00	44.31 0.82 0.00	38.33 0.63 0.00	36.13 0.55 0.00
UNION___PROCESSING_DRP 323587	18.24 -0.93 1.69	16.96 -0.80 0.00	11.40 -0.58 0.00	15.19 -0.76 0.00	20.25 -0.90 -0.02	22.50 -0.90 0.00	34.01 -1.24 -0.54	47.80 -1.27 -4.11	41.82 -1.31 -2.99	27.91 -1.00 -0.12	27.06 -0.78 0.00	21.58 -0.59 0.00	23.84 -0.58 0.00	27.27 -0.66 0.00	25.60 -0.62 0.00	27.59 -0.65 0.00	31.17 -0.70 0.00	47.25 -1.06 -0.01	71.22 -1.53 -0.21	58.93 -1.13 -0.41	44.35 -0.96 0.00	42.36 -1.13 0.00	36.44 -1.27 0.00	34.66 -0.93 0.00
UPPER HUDSON___HYD 24058	21.36 0.50 0.00	18.18 0.42 0.00	12.23 0.25 0.00	16.26 0.32 0.00	21.60 0.47 0.00	23.95 0.55 0.00	35.67 0.97 0.00	46.32 1.35 0.00	40.95 0.81 0.00	28.98 0.19 0.00	27.77 -0.07 0.00	22.00 -0.17 0.00	24.20 -0.23 0.00	27.62 -0.31 0.00	25.99 -0.23 0.00	28.22 -0.01 0.00	32.22 0.35 0.00	49.21 0.91 0.00	74.37 1.84 1.28	60.94 1.28 0.92	46.22 0.92 1.04	44.53 1.04 0.63	38.33 0.63 0.44	36.02 0.44 0.00
UPPER RAQUET___HYD 24056	20.52 -0.33 0.00	17.52 -0.24 0.00	11.85 -0.13 0.00	15.81 -0.14 0.00	20.98 -0.16 0.00	23.47 0.07 0.00	34.89 0.19 0.00	45.37 0.40 0.00	40.48 0.34 0.00	28.79 0.00 0.00	27.78 -0.06 0.00	22.02 -0.15 0.00	24.49 0.06 0.00	28.26 0.34 0.00	26.46 0.24 0.00	28.40 0.16 0.00	31.59 -0.28 0.00	47.92 -0.38 0.00	72.41 -0.12 0.00	59.67 0.02 0.00	45.24 -0.06 0.00	43.52 0.03 0.00	38.03 0.33 0.00	35.94 0.36 0.00
VALLEY44_115KV_TB2 355964	18.01 -1.04 1.81	16.88 -0.88 0.00	11.34 -0.64 0.00	15.11 -0.84 0.00	19.98 -1.10 0.05	22.20 -1.18 0.02	31.52 -1.71 1.46	37.37 -1.60 6.01	34.15 -1.55 4.43	27.41 -1.19 0.18	27.08 -0.76 0.00	21.71 -0.46 0.00	23.89 -0.53 0.00	27.42 -0.51 0.00	25.77 -0.44 0.00	27.79 -0.45 0.00	31.40 -0.47 0.00	47.50 -0.79 0.01	71.01 -1.22 0.31	58.07 -0.98 0.61	44.28 -1.01 0.01	42.18 -1.30 0.00	36.39 -1.31 0.00	34.96 -0.62 0.00
VALLEY___115KV_TB 1-4 80826	20.94 0.09 0.00	17.83 0.07 0.00	12.03 0.05 0.00	16.00 0.06 0.00	21.25 0.11 0.00	23.49 0.10 0.00	35.04 0.34 0.00	45.41 0.45 0.00	40.14 0.00 0.00	28.41 -0.38 0.00	27.30 -0.54 0.00	21.72 -0.45 0.00	23.95 -0.47 0.00	27.29 -0.63 0.00	25.75 -0.46 0.00	27.94 -0.30 0.00	31.73 -0.14 0.00	48.21 -0.09 0.00	72.95 0.42 0.00	60.01 0.35 0.00	45.54 0.24 0.00	43.80 0.31 0.00	37.85 0.15 0.00	35.60 0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.59 0.57 -1.16	18.23 0.47 0.00	12.30 0.32 0.00	16.38 0.44 0.00	21.75 0.62 0.00	24.07 0.68 0.00	35.76 1.06 0.00	46.29 1.32 0.00	41.26 1.12 0.00	29.58 0.79 0.00	28.61 0.77 0.00	22.77 0.60 0.00	25.08 0.65 0.00	28.68 0.76 0.00	26.90 0.69 0.00	28.99 0.76 0.00	32.72 0.85 0.00	49.91 1.60 0.00	74.62 2.09 0.00	61.36 1.70 0.00	46.52 1.22 0.00	44.65 1.17 0.00	38.65 0.95 0.00	36.43 0.85 0.00
VISCHER___FERRY HYD 24020	21.32 0.46 0.00	18.16 0.40 0.00	12.24 0.26 0.00	16.25 0.30 0.00	21.54 0.41 0.00	23.82 0.43 0.00	35.34 0.64 0.00	45.82 0.85 0.00	40.74 0.60 0.00	29.12 0.34 0.00	28.07 0.23 0.00	22.29 0.12 0.00	24.53 0.10 0.00	27.98 0.06 0.00	26.28 0.06 0.00	28.29 0.06 0.00	32.10 0.23 0.00	48.70 0.40 0.00	73.46 0.93 0.00	60.21 0.55 0.00	45.78 0.48 0.00	44.21 0.72 0.00	38.20 0.51 0.00	35.98 0.40 0.00
V_A_10_SYNC_DSASP 323832	16.62 -1.97 2.26	16.07 -1.69 0.00	10.78 -1.20 0.00	14.37 -1.58 0.00	18.96 -2.12 0.05	21.13 -2.25 0.02	29.85 -3.34 1.51	36.29 -3.85 4.84	33.15 -3.50 3.48	26.18 -2.46 0.15	25.77 -2.07 0.00	20.54 -1.63 0.00	22.76 -1.67 0.00	26.01 -1.92 0.00	24.41 -1.81 0.00	26.35 -1.89 0.00	29.72 -2.15 0.00	44.88 -3.42 0.01	67.08 -5.21 0.24	55.07 -4.11 0.48	42.10 -3.20 0.00	40.20 -3.29 0.00	34.49 -3.21 0.00	33.29 -2.30 0.00
V_CMM_10_SYNC_DSASP 323787	20.77 -0.09 0.00	17.73 -0.03 0.00	11.99 0.01 0.00	15.98 0.04 0.00	21.18 0.04 0.00	23.56 0.16 0.00	34.91 0.21 0.00	45.40 0.43 0.00	40.56 0.42 0.00	29.08 0.29 0.00	28.09 0.25 0.00	22.28 0.11 0.00	24.68 0.25 0.00	28.31 0.39 0.00	26.53 0.31 0.00	28.52 0.28 0.00	32.06 0.18 0.00	48.46 0.16 0.00	72.49 -0.04 0.00	59.57 -0.09 0.00	45.29 -0.01 0.00	43.39 -0.09 0.00	37.78 0.08 0.00	35.85 0.26 0.00
V_CMP_10_SYNC_DSASP 323788	20.58 -0.28 0.00	17.61 -0.15 0.00	11.92 -0.06 0.00	15.97 0.02 0.00	21.24 0.11 0.00	23.75 0.35 0.00	35.41 0.71 0.00	46.24 1.27 0.00	41.27 1.14 0.00	29.41 0.63 0.00	28.33 0.49 0.00	22.39 0.22 0.00	24.83 0.40 0.00	28.67 0.75 0.00	26.92 0.70 0.00	29.00 0.76 0.00	32.61 0.74 0.00	49.39 1.09 0.00	74.27 1.74 0.00	60.96 1.30 0.00	46.18 0.88 0.00	43.99 0.49 0.00	38.07 0.37 0.00	36.09 0.50 0.00
V_D_10_SYNC_DSASP 323841	20.84 -0.02 0.00	17.79 0.03 0.00	12.02 0.05 0.00	16.03 0.09 0.00	21.25 0.12 0.00	23.74 0.34 0.00	35.19 0.49 0.00	45.78 0.81 0.00	40.91 0.77 0.00	29.23 0.45 0.00	28.23 0.38 0.00	22.39 0.22 0.00	24.83 0.41 0.00	28.55 0.63 0.00	26.73 0.51 0.00	28.74 0.50 0.00	32.21 0.34 0.00	48.76 0.46 0.00	73.34 0.81 0.00	60.31 0.65 0.00	45.79 0.49 0.00	43.85 0.37 0.00	38.19 0.49 0.00	36.18 0.60 0.00

V_E_10_SYNC_DSASP 323830	22.02 0.61 -0.56	18.15 0.38 0.00	12.26 0.28 0.00	16.31 0.37 0.00	21.65 0.52 0.01	23.94 0.55 0.00	35.94 1.41 0.17	46.73 1.76 0.00	41.13 0.99 0.00	29.16 0.38 0.00	28.47 0.63 0.00	22.53 0.36 0.00	25.06 0.64 0.00	28.60 0.67 0.00	26.84 0.62 0.00	29.21 0.97 0.00	33.09 1.22 0.00	51.39 3.09 0.00	77.84 5.31 0.00	64.39 4.73 0.00	48.74 3.45 0.00	46.45 2.97 0.00	39.84 2.14 0.00	37.50 1.91 0.00
V_F_30_NSYNC_DSASP 323816	21.52 0.66 0.00	18.32 0.56 0.00	12.34 0.36 0.00	16.40 0.46 0.00	21.76 0.63 0.00	24.10 0.70 0.00	35.82 1.12 0.00	46.45 1.48 0.00	41.19 1.05 0.00	29.29 0.51 0.00	28.15 0.31 0.00	22.34 0.17 0.00	24.58 0.16 0.00	28.05 0.14 0.00	26.40 0.18 0.00	28.59 0.35 0.00	32.51 0.64 0.00	49.44 1.14 0.00	74.61 2.07 0.00	61.20 1.54 0.00	46.46 1.17 0.00	44.77 1.28 0.00	38.64 0.94 0.00	36.37 0.78 0.00
V_F_30_SYNC_DSASP 323786	21.49 0.64 0.00	18.29 0.53 0.00	12.33 0.35 0.00	16.38 0.44 0.00	21.71 0.58 0.00	24.00 0.60 0.00	35.58 0.88 0.00	46.08 1.12 0.00	41.01 0.87 0.00	29.37 0.59 0.00	28.36 0.51 0.00	22.55 0.38 0.00	24.82 0.39 0.00	28.32 0.40 0.00	26.63 0.41 0.00	28.71 0.47 0.00	32.48 0.61 0.00	49.24 0.94 0.00	74.06 1.53 0.00	60.74 1.08 0.00	46.15 0.86 0.00	44.52 1.03 0.00	38.50 0.80 0.00	36.29 0.70 0.00
V_XM_10_SYNC_DSASP 323789	20.58 -0.28 0.00	17.61 -0.15 0.00	11.92 -0.06 0.00	15.97 0.02 0.00	21.24 0.11 0.00	23.75 0.35 0.00	35.41 0.71 0.00	46.24 1.27 0.00	41.27 1.14 0.00	29.41 0.63 0.00	28.33 0.49 0.00	22.39 0.22 0.00	24.83 0.40 0.00	28.67 0.75 0.00	26.92 0.70 0.00	29.00 0.76 0.00	32.61 0.74 0.00	49.39 1.09 0.00	74.27 1.74 0.00	60.96 1.30 0.00	46.18 0.88 0.00	43.99 0.49 0.00	38.07 0.37 0.00	36.09 0.50 0.00
W.BABYLN_69_KV_BK1 56697	22.03 1.18 0.00	18.63 0.87 0.00	12.52 0.54 0.00	16.67 0.73 0.00	22.14 1.01 0.00	24.56 1.16 0.00	36.19 1.49 0.00	46.75 1.78 0.00	41.78 1.64 0.00	30.31 1.53 0.00	29.34 1.50 0.00	23.30 1.13 0.00	25.47 1.04 0.00	29.00 1.08 0.00	27.29 1.07 0.00	29.47 1.24 0.00	33.45 1.58 0.00	50.65 2.35 0.00	75.87 3.34 0.00	62.23 2.57 0.00	47.46 2.16 0.00	46.04 2.55 0.00	39.87 2.17 0.00	37.35 1.76 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.71 0.85 0.00	18.40 0.64 0.00	12.39 0.41 0.00	16.49 0.54 0.00	21.84 0.71 0.00	24.14 0.74 0.00	35.87 1.17 0.00	46.43 1.46 0.00	41.41 1.27 0.00	29.83 1.05 0.00	28.84 1.00 0.00	23.06 0.89 0.00	25.28 0.85 0.00	28.85 0.93 0.00	27.13 0.91 0.00	29.30 1.06 0.00	33.11 1.24 0.00	50.12 1.82 0.00	74.96 2.43 0.00	61.75 2.09 0.00	46.87 1.57 0.00	45.19 1.70 0.00	39.08 1.38 0.00	36.61 1.03 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.92 1.07 0.00	18.57 0.81 0.00	12.50 0.53 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.38 0.98 0.00	36.20 1.49 0.00	46.83 1.86 0.00	41.82 1.69 0.00	30.24 1.46 0.00	29.26 1.42 0.00	23.39 1.22 0.00	25.65 1.22 0.00	29.23 1.31 0.00	27.48 1.27 0.00	29.66 1.42 0.00	33.49 1.63 0.00	50.62 2.32 0.00	75.61 3.07 0.00	62.23 2.57 0.00	47.29 1.99 0.00	45.52 2.03 0.00	39.41 1.71 0.00	36.92 1.33 0.00
W50THST__13_KV_LOAD 356117	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.71 0.77 0.00	22.15 1.02 0.00	24.49 1.09 0.00	36.38 1.68 0.00	47.10 2.13 0.00	42.07 1.93 0.00	30.42 1.64 0.00	29.45 1.61 0.00	23.54 1.37 0.00	25.83 1.40 0.00	29.44 1.51 0.00	27.67 1.46 0.00	29.88 1.64 0.00	33.74 1.87 0.00	50.99 2.69 0.00	76.12 3.58 0.00	62.62 2.96 0.00	47.56 2.27 0.00	45.76 2.27 0.00	39.60 1.89 0.00	37.10 1.51 0.00
WADING RIVER_IC_1 23522	21.73 0.88 0.00	18.38 0.62 0.00	12.33 0.35 0.00	16.42 0.48 0.00	21.90 0.77 0.00	24.36 0.97 0.00	35.78 1.08 0.00	46.29 1.32 0.00	41.22 1.08 0.00	29.99 1.20 0.00	28.85 1.01 0.00	22.84 0.67 0.00	24.93 0.50 0.00	28.41 0.49 0.00	26.74 0.52 0.00	28.75 0.51 0.00	32.64 0.77 0.00	49.73 1.43 0.00	74.61 2.08 0.00	60.64 0.98 0.00	46.00 0.70 0.00	45.16 1.67 0.00	39.26 1.56 0.00	36.98 1.39 0.00
WADING RIVER_IC_2 23547	21.73 0.88 0.00	18.38 0.62 0.00	12.33 0.35 0.00	16.42 0.48 0.00	21.90 0.77 0.00	24.36 0.97 0.00	35.78 1.08 0.00	46.29 1.32 0.00	41.22 1.08 0.00	29.99 1.20 0.00	28.85 1.01 0.00	22.84 0.67 0.00	24.93 0.50 0.00	28.41 0.49 0.00	26.74 0.52 0.00	28.75 0.51 0.00	32.64 0.77 0.00	49.73 1.43 0.00	74.61 2.08 0.00	60.64 0.98 0.00	46.00 0.70 0.00	45.16 1.67 0.00	39.26 1.56 0.00	36.98 1.39 0.00
WADING RIVER_IC_3 23601	21.73 0.88 0.00	18.38 0.62 0.00	12.33 0.35 0.00	16.42 0.48 0.00	21.90 0.77 0.00	24.36 0.97 0.00	35.78 1.08 0.00	46.29 1.32 0.00	41.22 1.08 0.00	29.99 1.20 0.00	28.85 1.01 0.00	22.84 0.67 0.00	24.93 0.50 0.00	28.41 0.49 0.00	26.74 0.52 0.00	28.75 0.51 0.00	32.64 0.77 0.00	49.73 1.43 0.00	74.61 2.08 0.00	60.64 0.98 0.00	46.00 0.70 0.00	45.16 1.67 0.00	39.26 1.56 0.00	36.98 1.39 0.00
WALDENNY_12_KV_BK2 80841	16.29 -1.74 2.83	16.28 -1.48 0.00	10.91 -1.07 0.00	14.54 -1.40 0.00	19.19 -1.88 0.06	21.47 -1.91 0.02	30.25 -2.75 1.71	33.88 -2.91 8.18	31.55 -2.62 5.97	26.64 -1.90 0.25	26.34 -1.50 0.00	21.00 -1.17 0.00	23.24 -1.18 0.00	26.64 -1.29 0.00	25.02 -1.19 0.00	27.05 -1.18 0.00	30.60 -1.27 0.00	46.24 -2.06 0.01	69.12 -2.99 0.42	56.58 -2.26 0.82	43.36 -1.93 0.01	41.34 -2.15 0.00	35.40 -2.30 0.01	34.15 -1.43 0.00
WALDEN__HYDRO 24148	21.66 0.80 0.00	18.37 0.61 0.00	12.37 0.39 0.00	16.47 0.53 0.00	21.82 0.69 0.00	24.12 0.72 0.00	35.82 1.12 0.00	46.39 1.42 0.00	41.35 1.21 0.00	29.71 0.92 0.00	28.67 0.83 0.00	22.88 0.71 0.00	25.09 0.66 0.00	28.62 0.70 0.00	26.90 0.68 0.00	29.04 0.80 0.00	32.82 0.95 0.00	49.81 1.51 0.00	74.77 2.24 0.00	61.59 1.93 0.00	46.74 1.44 0.00	45.02 1.53 0.00	38.92 1.22 0.00	36.51 0.92 0.00
WARRENSBURG____ 23737	21.36 0.50 0.00	18.18 0.42 0.00	12.23 0.25 0.00	16.26 0.32 0.00	21.60 0.47 0.00	23.95 0.55 0.00	35.67 0.97 0.00	46.32 1.35 0.00	40.95 0.81 0.00	28.98 0.19 0.00	27.77 -0.07 0.00	22.00 -0.17 0.00	24.20 -0.23 0.00	27.61 -0.31 0.00	25.99 -0.23 0.00	28.22 -0.01 0.00	32.22 0.35 0.00	49.21 0.91 0.00	74.36 1.83 0.00	60.92 1.26 0.00	46.22 0.93 0.00	44.53 1.04 0.00	38.33 0.63 0.00	36.02 0.44 0.00
WATERSIDE__6 8 9 23538	22.00 1.14 0.00	18.64 0.88 0.00	12.55 0.57 0.00	16.69 0.75 0.00	22.12 0.99 0.00	24.46 1.06 0.00	36.28 1.58 0.00	46.89 1.92 0.00	41.94 1.80 0.00	30.33 1.54 0.00	29.33 1.49 0.00	23.47 1.30 0.00	25.72 1.29 0.00	29.30 1.38 0.00	27.56 1.34 0.00	29.76 1.52 0.00	33.59 1.71 0.00	50.74 2.43 0.00	75.73 3.19 0.00	62.35 2.69 0.00	47.35 2.05 0.00	45.64 2.16 0.00	39.51 1.81 0.00	37.00 1.42 0.00

WATKINRD_115KV_LN8_ILLLION 55919	20.92 0.07 0.00	17.82 0.06 0.00	12.01 0.03 0.00	15.98 0.04 0.00	21.21 0.08 0.00	23.47 0.07 0.00	34.93 0.23 0.00	45.27 0.30 0.00	40.11 -0.02 0.00	28.51 -0.28 0.00	27.45 -0.39 0.00	21.84 -0.33 0.00	24.08 -0.35 0.00	27.46 -0.47 0.00	25.87 -0.35 0.00	28.02 -0.22 0.00	31.77 -0.10 0.00	48.23 -0.07 0.00	72.82 0.29 0.00	59.91 0.25 0.00	45.46 0.16 0.00	43.71 0.22 0.00	37.80 0.11 0.00	35.58 0.00 0.00
WDELAWARE___HYD 323627	21.47 0.61 0.00	18.21 0.45 0.00	12.27 0.29 0.00	16.34 0.40 0.00	21.66 0.53 0.00	23.96 0.56 0.00	35.62 0.92 0.00	46.17 1.20 0.00	41.08 0.95 0.00	29.46 0.68 0.00	28.37 0.53 0.00	22.59 0.42 0.00	24.75 0.32 0.00	27.99 0.07 0.00	26.29 0.07 0.00	28.43 0.19 0.00	32.11 0.25 0.00	48.93 0.62 0.00	73.54 1.00 0.00	60.66 1.00 0.00	46.01 0.72 0.00	44.25 0.76 0.00	38.23 0.53 0.00	35.85 0.26 0.00
WEST BABYLON___IC 23714	22.03 1.18 0.00	18.63 0.87 0.00	12.52 0.54 0.00	16.67 0.73 0.00	22.14 1.01 0.00	24.56 1.16 0.00	36.19 1.49 0.00	46.75 1.78 0.00	41.78 1.64 0.00	30.31 1.53 0.00	29.34 1.50 0.00	23.30 1.13 0.00	25.47 1.04 0.00	29.00 1.08 0.00	27.29 1.07 0.00	29.47 1.24 0.00	33.45 1.58 0.00	50.65 2.35 0.00	75.87 3.34 0.00	62.23 2.57 0.00	47.46 2.16 0.00	46.04 2.55 0.00	39.87 2.17 0.00	37.35 1.76 0.00
WEST CANADA___HYD 24049	20.84 -0.02 0.00	17.74 -0.02 0.00	11.97 -0.01 0.00	15.93 -0.02 0.00	21.11 -0.02 0.00	23.36 -0.03 0.00	34.67 -0.03 0.00	44.90 -0.07 0.00	40.05 -0.08 0.00	28.73 -0.06 0.00	27.78 -0.06 0.00	22.13 -0.04 0.00	24.37 -0.06 0.00	27.84 -0.08 0.00	26.14 -0.08 0.00	28.15 -0.09 0.00	31.80 -0.06 0.00	48.23 -0.08 0.00	72.46 -0.07 0.00	59.60 -0.06 0.00	45.25 -0.05 0.00	43.47 -0.02 0.00	37.70 0.00 0.00	35.56 -0.03 0.00
WESTERN_NY_WIND 24143	17.29 -1.30 2.26	16.60 -1.16 0.00	11.13 -0.85 0.00	14.99 -0.96 0.00	21.52 0.36 -0.02	24.05 0.65 0.00	36.66 1.41 -0.54	76.12 0.66 -30.49	65.62 -1.20 -26.69	28.72 -1.17 -1.11	26.92 -0.92 0.00	21.49 -0.68 0.00	23.78 -0.64 0.00	27.04 -0.89 0.00	25.45 -0.77 0.00	27.60 -0.64 0.00	31.17 -0.70 0.00	47.45 -0.90 -0.05	73.42 -0.98 -1.86	62.95 -0.36 -3.65	44.87 -0.46 -0.03	42.74 -0.76 -0.02	36.49 -1.23 -0.02	34.65 -0.93 0.00
WESTOVER___LESR 323668	24.96 -0.20 -4.30	17.58 -0.18 0.00	11.86 -0.12 0.00	15.78 -0.16 0.00	20.92 -0.20 0.01	23.17 -0.22 0.00	34.16 -0.28 0.27	44.65 -0.32 0.00	39.75 -0.39 0.00	28.56 -0.22 0.00	27.73 -0.11 0.00	22.07 -0.10 0.00	24.25 -0.17 0.00	27.77 -0.15 0.00	26.04 -0.18 0.00	28.08 -0.16 0.00	31.77 -0.10 0.00	48.08 -0.22 0.00	72.17 -0.36 0.00	59.45 -0.21 0.00	45.14 -0.16 0.00	43.24 -0.25 0.00	37.44 -0.26 0.00	35.38 -0.20 0.00
WETHRSFD_WT_PWR 323626	14.34 -2.24 4.28	15.91 -1.85 0.00	10.73 -1.24 0.00	14.33 -1.62 0.00	18.97 -2.12 0.04	21.19 -2.20 0.01	30.11 -3.11 1.48	36.00 -3.50 5.47	32.45 -3.31 4.38	26.10 -2.54 0.15	25.71 -2.13 0.00	20.57 -1.60 0.00	22.74 -1.68 0.00	26.30 -1.62 0.00	24.77 -1.45 0.00	26.89 -1.35 0.00	30.51 -1.36 0.00	42.79 -2.20 3.32	59.77 -3.46 9.31	41.19 -2.75 15.72	31.74 -2.20 11.35	28.64 -2.37 12.47	29.84 -2.35 5.50	20.77 -1.52 13.29
WHAVSTOR_138KV_BK127 55557	21.63 0.78 0.00	18.33 0.57 0.00	12.35 0.37 0.00	16.43 0.49 0.00	21.76 0.63 0.00	24.05 0.65 0.00	35.73 1.03 0.00	46.24 1.27 0.00	41.24 1.11 0.00	29.72 0.93 0.00	28.74 0.90 0.00	22.98 0.81 0.00	25.19 0.77 0.00	28.74 0.82 0.00	27.02 0.80 0.00	29.16 0.93 0.00	32.95 1.08 0.00	49.86 1.56 0.00	74.63 2.10 0.00	61.45 1.79 0.00	46.65 1.36 0.00	44.98 1.49 0.00	38.91 1.22 0.00	36.47 0.88 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.63 0.78 0.00	18.33 0.57 0.00	12.35 0.37 0.00	16.43 0.49 0.00	21.76 0.63 0.00	24.05 0.65 0.00	35.73 1.03 0.00	46.24 1.27 0.00	41.24 1.11 0.00	29.72 0.93 0.00	28.74 0.90 0.00	22.98 0.81 0.00	25.19 0.77 0.00	28.74 0.82 0.00	27.02 0.80 0.00	29.16 0.93 0.00	32.95 1.08 0.00	49.86 1.56 0.00	74.63 2.10 0.00	61.45 1.79 0.00	46.65 1.36 0.00	44.98 1.49 0.00	38.91 1.22 0.00	36.47 0.88 0.00
WHITEHAL_115KV_TB1 80871	21.42 0.57 0.00	18.25 0.49 0.00	12.24 0.26 0.00	16.29 0.35 0.00	21.67 0.54 0.00	24.19 0.79 0.00	36.18 1.48 0.00	47.20 2.23 0.00	41.62 1.48 0.00	29.02 0.24 0.00	27.61 -0.23 0.00	21.77 -0.40 0.00	24.02 -0.40 0.00	27.46 -0.47 0.00	25.77 -0.45 0.00	27.98 -0.26 0.00	32.19 0.31 0.00	49.95 1.65 0.00	75.99 3.46 0.00	61.78 2.13 0.00	46.77 1.47 0.00	45.21 1.73 0.00	38.69 0.99 0.00	36.05 0.46 0.00
WHITEPLN_13_KV_LOAD 356215	21.93 1.07 0.00	18.59 0.83 0.00	12.51 0.53 0.00	16.65 0.70 0.00	22.05 0.92 0.00	24.39 1.00 0.00	36.25 1.55 0.00	46.96 1.99 0.00	41.91 1.77 0.00	30.21 1.42 0.00	29.21 1.37 0.00	23.32 1.15 0.00	25.57 1.15 0.00	29.17 1.25 0.00	27.42 1.20 0.00	29.60 1.37 0.00	33.45 1.57 0.00	50.64 2.34 0.00	75.83 3.29 0.00	62.40 2.74 0.00	47.37 2.07 0.00	45.63 2.14 0.00	39.45 1.75 0.00	36.96 1.37 0.00
WM_FLOYD_69_KV_BK2 356380	21.81 0.95 0.00	18.43 0.67 0.00	12.37 0.39 0.00	16.48 0.53 0.00	21.96 0.82 0.00	24.42 1.02 0.00	35.89 1.19 0.00	46.35 1.38 0.00	41.33 1.19 0.00	30.08 1.29 0.00	28.98 1.14 0.00	22.92 0.75 0.00	25.03 0.60 0.00	28.52 0.59 0.00	26.84 0.63 0.00	28.92 0.68 0.00	32.86 0.99 0.00	49.94 1.64 0.00	74.93 2.39 0.00	61.11 1.45 0.00	46.43 1.14 0.00	45.44 1.96 0.00	39.43 1.73 0.00	37.06 1.48 0.00
WOODARD_115KV_TB2 355635	20.59 -0.26 0.00	17.53 -0.23 0.00	11.82 -0.16 0.00	15.72 -0.22 0.00	20.84 -0.29 0.00	23.07 -0.33 0.00	34.14 -0.56 0.00	44.28 -0.68 0.00	39.45 -0.68 0.00	28.27 -0.51 0.00	27.42 -0.42 0.00	21.87 -0.30 0.00	24.09 -0.34 0.00	27.54 -0.39 0.00	25.85 -0.37 0.00	27.83 -0.40 0.00	31.38 -0.49 0.00	47.75 -0.55 0.00	71.78 -0.75 0.00	59.11 -0.55 0.00	44.91 -0.39 0.00	43.05 -0.44 0.00	37.24 -0.46 0.00	35.15 -0.43 0.00
WOODMERE_69_KV_BK1 55827	21.99 1.13 0.00	18.62 0.86 0.00	12.52 0.54 0.00	16.67 0.72 0.00	22.11 0.98 0.00	24.48 1.09 0.00	36.17 1.46 0.00	46.74 1.77 0.00	41.73 1.59 0.00	30.24 1.45 0.00	29.28 1.44 0.00	23.34 1.17 0.00	25.56 1.14 0.00	29.16 1.23 0.00	27.44 1.22 0.00	29.61 1.38 0.00	33.51 1.64 0.00	50.64 2.34 0.00	75.74 3.21 0.00	62.22 2.56 0.00	47.40 2.10 0.00	45.84 2.35 0.00	39.67 1.97 0.00	37.16 1.58 0.00
YORK___WARBASSE 23770	22.02 1.16 0.00	18.65 0.89 0.00	12.56 0.58 0.00	16.70 0.75 0.00	22.12 0.99 0.00	24.46 1.07 0.00	36.36 1.66 0.00	46.97 2.00 0.00	42.02 1.88 0.00	30.37 1.58 0.00	29.33 1.49 0.00	23.46 1.29 0.00	25.71 1.28 0.00	29.31 1.39 0.00	27.56 1.35 0.00	29.77 1.53 0.00	33.60 1.73 0.00	50.77 2.47 0.00	75.80 3.26 0.00	62.46 2.81 0.00	47.44 2.15 0.00	45.74 2.25 0.00	39.57 1.87 0.00	37.05 1.47 0.00