

ASTORIA_EAST_ENERGY_CC1 323581	32.98 1.19 0.00	29.33 1.15 0.00	29.94 1.01 0.00	29.25 1.05 0.00	25.85 0.96 0.00	22.88 0.94 0.00	29.64 0.96 -5.54	27.30 1.20 -1.68	32.43 1.41 0.00	40.49 1.92 -0.17	46.65 2.34 0.00	49.40 2.42 0.00	49.25 2.80 0.00	67.06 2.36 -26.62	93.85 2.10 -62.37	39.36 2.25 -11.15	38.93 2.33 -10.14	68.12 2.09 -40.95	30.81 1.59 -9.31	26.84 1.65 -3.14	26.98 1.68 -0.04	28.51 1.48 -0.26	34.81 1.28 -9.97	30.00 1.40 -2.96
ASTORIA_EAST_ENERGY_CC2 323582	32.98 1.19 0.00	29.33 1.15 0.00	29.94 1.01 0.00	29.25 1.05 0.00	25.85 0.96 0.00	22.88 0.94 0.00	29.64 0.96 -5.54	27.30 1.20 -1.68	32.43 1.41 0.00	40.49 1.92 -0.17	46.65 2.34 0.00	49.40 2.42 0.00	49.25 2.80 0.00	67.06 2.36 -26.62	93.85 2.10 -62.37	39.36 2.25 -11.15	38.93 2.33 -10.14	68.12 2.09 -40.95	30.81 1.59 -9.31	26.84 1.65 -3.14	26.98 1.68 -0.04	28.51 1.48 -0.26	34.81 1.28 -9.97	30.00 1.40 -2.96
ASTORIA_GT2_1 24094	33.00 1.21 0.00	29.35 1.17 0.00	29.97 1.03 0.00	29.26 1.07 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.65 0.98 -5.54	27.31 1.22 -1.68	32.46 1.43 0.00	40.51 1.94 -0.17	46.66 2.36 0.00	49.43 2.45 0.00	49.28 2.83 0.00	67.09 2.38 -26.62	93.87 2.12 -62.37	39.37 2.27 -11.15	38.94 2.34 -10.14	68.14 2.11 -40.95	30.83 1.60 -9.31	26.85 1.66 -3.14	27.00 1.71 -0.04	28.54 1.50 -0.26	34.82 1.29 -9.97	30.02 1.42 -2.96
ASTORIA_GT2_2 24095	33.00 1.21 0.00	29.35 1.17 0.00	29.97 1.03 0.00	29.26 1.07 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.65 0.98 -5.54	27.31 1.22 -1.68	32.46 1.43 0.00	40.51 1.94 -0.17	46.66 2.36 0.00	49.43 2.45 0.00	49.28 2.83 0.00	67.09 2.38 -26.62	93.87 2.12 -62.37	39.37 2.27 -11.15	38.94 2.34 -10.14	68.14 2.11 -40.95	30.83 1.60 -9.31	26.85 1.66 -3.14	27.00 1.71 -0.04	28.54 1.50 -0.26	34.82 1.29 -9.97	30.02 1.42 -2.96
ASTORIA_GT2_3 24096	33.00 1.21 0.00	29.35 1.17 0.00	29.97 1.03 0.00	29.26 1.07 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.65 0.98 -5.54	27.31 1.22 -1.68	32.46 1.43 0.00	40.51 1.94 -0.17	46.66 2.36 0.00	49.43 2.45 0.00	49.28 2.83 0.00	67.09 2.38 -26.62	93.87 2.12 -62.37	39.37 2.27 -11.15	38.94 2.34 -10.14	68.14 2.11 -40.95	30.83 1.60 -9.31	26.85 1.66 -3.14	27.00 1.71 -0.04	28.54 1.50 -0.26	34.82 1.29 -9.97	30.02 1.42 -2.96
ASTORIA_GT2_4 24097	33.00 1.21 0.00	29.35 1.17 0.00	29.97 1.03 0.00	29.26 1.07 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.65 0.98 -5.54	27.31 1.22 -1.68	32.46 1.43 0.00	40.51 1.94 -0.17	46.66 2.36 0.00	49.43 2.45 0.00	49.28 2.83 0.00	67.09 2.38 -26.62	93.87 2.12 -62.37	39.37 2.27 -11.15	38.94 2.34 -10.14	68.14 2.11 -40.95	30.83 1.60 -9.31	26.85 1.66 -3.14	27.00 1.71 -0.04	28.54 1.50 -0.26	34.82 1.29 -9.97	30.02 1.42 -2.96
ASTORIA_GT3_1 24098	33.00 1.21 0.00	29.35 1.17 0.00	29.97 1.03 0.00	29.26 1.07 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.65 0.98 -5.54	27.31 1.22 -1.68	32.46 1.43 0.00	40.51 1.94 -0.17	46.66 2.36 0.00	49.43 2.45 0.00	49.28 2.83 0.00	67.09 2.38 -26.62	93.87 2.12 -62.37	39.37 2.27 -11.15	38.94 2.34 -10.14	68.14 2.11 -40.95	30.83 1.60 -9.31	26.85 1.66 -3.14	27.00 1.71 -0.04	28.54 1.50 -0.26	34.82 1.29 -9.97	30.02 1.42 -2.96
ASTORIA_GT3_2 24099	33.00 1.21 0.00	29.35 1.17 0.00	29.97 1.03 0.00	29.26 1.07 0.00																				

ASTORIA_GT_10 24110	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.85 0.96 0.00	22.88 0.95 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.66 2.09 -0.17	46.86 2.55 0.00	49.56 2.59 0.00	49.38 2.93 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.43 2.32 -11.15	39.02 2.42 -10.14	68.20 2.17 -40.95	30.87 1.65 -9.31	26.94 1.75 -3.14	27.08 1.79 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
ASTORIA_GT_11 24225	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.85 0.96 0.00	22.88 0.95 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.66 2.09 -0.17	46.86 2.55 0.00	49.56 2.59 0.00	49.38 2.93 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.43 2.32 -11.15	39.02 2.42 -10.14	68.20 2.17 -40.95	30.87 1.65 -9.31	26.94 1.75 -3.14	27.08 1.79 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
ASTORIA_GT_12 24226	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.65 2.09 -0.17	46.86 2.55 0.00	49.55 2.58 0.00	49.39 2.94 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.42 2.32 -11.15	39.02 2.42 -10.14	68.21 2.17 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.07 1.78 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
ASTORIA_GT_13 24227	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.65 2.09 -0.17	46.86 2.55 0.00	49.55 2.58 0.00	49.39 2.94 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.42 2.32 -11.15	39.02 2.42 -10.14	68.21 2.17 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.07 1.78 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
ASTORIA_GT_5 24106	33.06 1.27 0.00	29.40 1.22 0.00	30.01 1.08 0.00	29.31 1.11 0.00	25.91 1.02 0.00	22.93 1.00 0.00	29.70 1.03 -5.54	27.37 1.27 -1.68	32.52 1.50 0.00	40.60 2.03 -0.17	46.78 2.47 0.00	49.54 2.56 0.00	49.39 2.94 0.00	67.18 2.48 -26.62	93.94 2.19 -62.37	39.45 2.34 -11.15	39.01 2.41 -10.14	68.21 2.17 -40.95	30.87 1.65 -9.31	26.91 1.72 -3.14	27.06 1.76 -0.04	28.59 1.56 -0.26	34.88 1.35 -9.97	30.07 1.47 -2.96
ASTORIA_GT_7 24107	33.06 1.27 0.00	29.40 1.22 0.00	30.01 1.08 0.00	29.31 1.11 0.00	25.91 1.02 0.00	22.93 1.00 0.00	29.70 1.03 -5.54	27.37 1.27 -1.68	32.52 1.50 0.00	40.60 2.03 -0.17	46.78 2.47 0.00	49.54 2.56 0.00	49.39 2.94 0.00	67.18 2.48 -26.62	93.94 2.19 -62.37	39.45 2.34 -11.15	39.01 2.41 -10.14	68.21 2.17 -40.95	30.87 1.65 -9.31	26.91 1.72 -3.14	27.06 1.76 -0.04	28.59 1.56 -0.26	34.88 1.35 -9.97	30.07 1.47 -2.96
ASTORIA_GT_8 24108	33.06 1.27 0.00	29.40 1.22 0.00	30.02 1.08 0.00	29.31 1.12 0.00	25.90 1.01 0.00	22.93 1.00 0.00	29.70 1.02 -5.54	27.37 1.27 -1.68	32.52 1.50 0.00	40.60 2.04 -0.17	46.78 2.47 0.00	49.54 2.56 0.00	49.39 2.94 0.00	67.18 2.47 -26.62	93.94 2.20 -62.37	39.45 2.34 -11.15	39.01 2.41 -10.14	68.21 2.18 -40.95	30.87 1.65 -9.31	26.91 1.71 -3.14	27.07 1.77 -0.04	28.60 1.56 -0.26	34.88 1.35 -9.97	30.07 1.47 -2.96
ASTORIA___2 24149	33.00 1.21 0.00	29.35 1.17 0.00	29.96 1.03 0.00	29.27 1.07 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.66 0.98 -5.54	27.31 1.22 -1.68	32.45 1.43 0.00	40.51 1.95 -0.17	46.67 2.36 0.00	49.42 2.44 0.00	49.28 2.83 0.00	67.09 2.38 -26.62	93.87 2.12 -62.37	39.37 2.27 -11.15	38.94 2.34 -10.14	68.14 2.11 -40.95	30.82 1.60 -9.31	26.85 1.66 -3.14	26.99 1.70 -0.04	28.53 1.49 -0.26	34.82 1.29 -9.97	30.02 1.42 -2.96
ASTORIA___3 23516	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.65 2.09 -0.17	46.86 2.55 0.00	49.55 2.58 0.00	49.39 2.94 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.42 2.32 -11.15	39.02 2.42 -10.14	68.21 2.17 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.07 1.78 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
ASTORIA___4 23517	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.85 0.96 0.00	22.88 0.95 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.65 2.09 -0.17	46.86 2.55 0.00	49.56 2.58 0.00	49.38 2.93 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.42 2.32 -11.15	39.02 2.42 -10.14	68.20 2.17 -40.95	30.87 1.65 -9.31	26.94 1.75 -3.14	27.08 1.79 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
ASTORIA___5 23518	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.65 2.09 -0.17	46.86 2.55 0.00	49.55 2.58 0.00	49.39 2.94 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.42 2.32 -11.15	39.02 2.42 -10.14	68.21 2.17 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.07 1.78 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
AST_ENERGY_2_CC3 323677	33.03 1.24 0.00	29.31 1.14 0.00	29.99 1.05 0.00	29.28 1.08 0.00	25.85 0.96 0.00	22.87 0.93 0.00	29.65 0.97 -5.54	27.36 1.26 -1.68	32.52 1.49 0.00	40.63 2.06 -0.17	46.84 2.53 0.00	49.49 2.51 0.00	49.32 2.87 0.00	67.13 2.42 -26.63	93.90 2.14 -62.38	39.36 2.26 -11.15	38.98 2.38 -10.14	68.18 2.16 -40.94	30.76 1.60 -9.24	26.88 1.70 -3.14	27.02 1.73 -0.04	28.55 1.51 -0.26	34.79 1.28 -9.96	29.98 1.39 -2.94
AST_ENERGY_2_CC4 323678	33.03 1.24 0.00	29.31 1.14 0.00	29.99 1.05 0.00	29.28 1.08 0.00	25.85 0.96 0.00	22.87 0.93 0.00	29.65 0.97 -5.54	27.36 1.26 -1.68	32.52 1.49 0.00	40.63 2.06 -0.17	46.84 2.53 0.00	49.49 2.51 0.00	49.32 2.87 0.00	67.13 2.42 -26.63	93.90 2.14 -62.38	39.36 2.26 -11.15	38.98 2.38 -10.14	68.18 2.16 -40.94	30.76 1.60 -9.24	26.88 1.70 -3.14	27.02 1.73 -0.04	28.55 1.51 -0.26	34.79 1.28 -9.96	29.98 1.39 -2.94
ATHENS_STG_1 23668	32.69 0.90 0.00	29.11 0.94 0.00	29.91 0.98 0.00	29.18 0.99 0.00	25.75 0.86 0.00	22.64 0.71 0.00	25.13 0.65 -1.34	25.62 0.79 -0.41	31.93 0.91 0.00	39.83 1.25 -0.17	45.79 1.48 0.00	48.43 1.45 0.00	48.08 1.63 0.00	46.80 1.43 -7.29	75.88 1.24 -45.26	39.11 1.31 -11.84	35.38 1.37 -7.55	48.97 1.28 -22.61	28.42 0.98 -7.52	26.29 1.03 -3.21	26.33 1.07 -0.01	27.74 0.90 -0.06	27.05 0.73 -2.76	27.23 0.84 -0.74
ATHENS_STG_2 23670	32.69 0.90 0.00	29.11 0.94 0.00	29.91 0.98 0.00	29.18 0.99 0.00	25.75 0.86 0.00	22.64 0.71 0.00	25.13 0.65 -1.34	25.62 0.79 -0.41	31.93 0.91 0.00	39.83 1.25 -0.17	45.79 1.48 0.00	48.43 1.45 0.00	48.08 1.63 0.00	46.80 1.43 -7.29	75.88 1.24 -45.26	39.11 1.31 -11.84	35.38 1.37 -7.55	48.97 1.28 -22.61	28.42 0.98 -7.52	26.29 1.03 -3.21	26.33 1.07 -0.01	27.74 0.90 -0.06	27.05 0.73 -2.76	27.23 0.84 -0.74

ATHENS_STG_3 23677	32.69 0.90 0.00	29.11 0.94 0.00	29.91 0.98 0.00	29.18 0.99 0.00	25.75 0.86 0.00	22.64 0.71 0.00	25.13 0.65 -1.34	25.62 0.79 -0.41	31.93 0.91 0.00	39.83 1.25 -0.17	45.79 1.48 0.00	48.43 1.45 0.00	48.08 1.63 0.00	46.80 1.43 -7.29	75.88 1.24 -45.26	39.11 1.31 -11.84	35.38 1.37 -7.55	48.97 1.28 -22.61	28.42 0.98 -7.52	26.29 1.03 -3.21	26.33 1.07 -0.01	27.74 0.90 -0.06	27.05 0.73 -2.76	27.23 0.84 -0.74
AUBURN___LFGE 323710	32.21 0.43 0.00	28.58 0.40 0.00	29.36 0.42 0.00	28.53 0.33 0.00	25.18 0.30 0.00	22.11 0.18 0.00	23.32 0.19 0.00	24.64 0.22 0.00	31.39 0.36 0.00	38.90 0.41 -0.08	47.54 0.62 -2.61	50.78 0.79 -3.02	50.33 0.62 -3.26	40.49 0.51 -1.90	35.36 0.55 -5.44	28.35 0.67 -1.72	28.16 0.71 -0.98	27.86 0.71 -2.07	21.56 0.59 -1.06	23.06 0.56 -0.45	25.96 0.71 0.00	27.72 0.71 -0.23	24.02 0.47 0.00	26.02 0.37 0.00
BABYLON_RES_REC 323704	34.60 2.20 -0.61	31.42 2.06 -1.18	30.90 1.97 0.00	30.11 1.91 0.00	26.54 1.66 0.00	23.48 1.54 0.00	30.16 1.53 -5.49	27.87 1.79 -1.66	33.27 2.24 0.00	41.53 2.96 -0.17	47.83 3.52 0.00	50.32 3.35 0.00	49.94 3.50 0.00	67.83 3.14 -26.60	100.44 2.53 -68.53	97.23 2.64 -68.63	133.93 2.65 -104.81	81.21 2.43 -53.70	216.09 1.88 -194.29	33.00 2.11 -8.85	28.07 2.28 -0.54	30.82 2.38 -1.66	53.35 2.00 -27.79	42.75 2.25 -14.86
BABYLON__69_KV_BK2 356345	35.04 2.64 -0.61	31.77 2.41 -1.18	31.24 2.31 0.00	30.43 2.23 0.00	26.84 1.95 0.00	23.76 1.82 0.00	30.45 1.83 -5.49	28.18 2.09 -1.66	33.69 2.66 0.00	42.08 3.52 -0.17	48.46 4.15 0.00	50.99 4.02 0.00	50.91 4.46 0.00	68.73 4.05 -26.60	101.16 3.24 -68.54	97.93 3.34 -68.63	137.51 3.41 -107.64	81.92 3.14 -53.70	235.45 2.46 -213.08	38.46 2.68 -13.73	28.92 2.88 -0.79	31.32 2.84 -1.70	55.02 2.40 -29.06	43.17 2.67 -14.86
BARON_WINDS___WT_PWR 323822	32.14 0.35 0.00	28.08 -0.09 0.00	28.73 -0.21 0.00	27.73 -0.46 0.00	24.44 -0.44 0.00	21.64 -0.30 0.00	22.67 -0.46 0.00	23.95 -0.47 0.00	30.88 -0.15 0.00	38.17 -0.27 -0.04	44.10 -0.21 0.00	47.09 0.12 0.00	46.35 -0.09 0.00	37.56 -0.58 -0.05	38.10 -0.33 -9.06	28.80 0.04 -2.81	28.14 0.17 -1.50	28.86 0.41 -3.36	21.94 0.25 -1.79	23.17 0.36 -0.76	25.82 0.57 0.00	27.58 0.81 0.00	24.06 0.51 0.00	26.06 0.42 0.00
BARRETT_IC_1 23704	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_10 23701	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_11 23702	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_12 23703	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_2 23705	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_3 23706	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_4 23707	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_5 23708	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_6 23709	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_7 23710	34.29 1.89 -0.61	31.08 1.72 -1.18	30.55 1.61 0.00	29.78 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.47 -0.17	47.23 2.92 0.00	49.82 2.85 0.00	49.70 3.26 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.13 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.35 1.60 -27.20	42.41 1.91 -14.86

BARRETT_IC_8 23711	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT_IC_9 23700	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT___1 23545	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BARRETT___2 23546	34.30 1.89 -0.62	31.08 1.72 -1.18	30.55 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.27 1.34 0.00	29.91 1.28 -5.49	27.59 1.51 -1.66	32.87 1.84 0.00	41.04 2.48 -0.17	47.24 2.93 0.00	49.81 2.84 0.00	49.70 3.25 0.00	67.62 2.93 -26.60	100.26 2.36 -68.53	97.05 2.47 -68.63	132.51 2.54 -103.51	81.12 2.34 -53.70	207.33 1.79 -185.62	30.64 2.00 -6.59	27.77 2.10 -0.42	30.35 1.93 -1.65	52.36 1.60 -27.20	42.42 1.91 -14.86
BATAVIA___115KV_TB1 55881	33.02 1.23 0.00	28.69 0.51 0.00	29.25 0.31 0.00	28.38 0.18 0.00	25.03 0.15 0.00	22.29 0.36 0.00	23.52 0.38 0.00	24.61 0.20 0.00	31.54 0.52 0.00	38.94 0.51 -0.03	45.06 0.75 0.00	48.19 1.22 0.00	47.03 0.58 0.00	38.67 0.55 -0.04	36.21 0.84 -6.00	28.76 0.95 -1.86	28.45 0.99 -1.00	28.15 0.84 -2.23	21.81 0.72 -1.18	23.43 0.88 -0.50	26.60 1.34 0.00	28.38 1.60 0.00	24.82 1.27 0.00	26.97 1.33 0.00
BAYONEEC___CTG1 323682	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG10 323750	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG2 323683	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG3 323684	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG4 323685	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG5 323686	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG6 323687	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG7 323688	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG8 323689	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94
BAYONEEC___CTG9 323749	33.04 1.25 0.00	29.33 1.15 0.00	30.01 1.07 0.00	29.30 1.11 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 0.99 -5.54	27.37 1.27 -1.68	32.53 1.51 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.33 2.88 0.00	67.14 2.43 -26.63	93.91 2.16 -62.38	39.38 2.28 -11.15	38.99 2.39 -10.14	68.19 2.17 -40.94	30.76 1.60 -9.24	26.89 1.71 -3.14	27.04 1.75 -0.04	28.57 1.53 -0.26	34.81 1.30 -9.96	30.01 1.42 -2.94

BROOKVLE_69_KV_TB1 55790	34.35 1.95 -0.61	31.13 1.77 -1.18	30.62 1.69 0.00	29.86 1.66 0.00	26.33 1.45 0.00	23.31 1.37 0.00	30.02 1.40 -5.49	27.77 1.69 -1.66	33.10 2.07 0.00	41.22 2.66 -0.17	47.58 3.27 0.00	50.26 3.29 0.00	50.11 3.67 0.00	67.90 3.21 -26.60	100.58 2.68 -68.53	97.37 2.79 -68.63	132.85 2.87 -103.51	81.47 2.68 -53.70	207.58 2.04 -185.62	30.79 2.14 -6.59	27.93 2.25 -0.42	30.48 2.06 -1.65	52.45 1.69 -27.20	42.38 1.88 -14.86
BROOME_2_LFGE 323671	32.11 0.33 0.00	28.35 0.17 0.00	29.08 0.15 0.00	28.26 0.06 0.00	24.95 0.07 0.00	22.02 0.08 0.00	23.21 0.07 0.00	24.56 0.14 0.00	31.36 0.33 0.00	38.90 0.41 -0.09	45.94 0.57 -1.06	48.81 0.61 -1.23	48.37 0.60 -1.33	39.25 0.33 -0.83	43.21 0.46 -13.38	30.70 0.58 -4.16	29.29 0.58 -2.25	30.67 0.60 -4.99	22.94 0.40 -2.63	23.66 0.49 -1.12	25.85 0.59 0.00	27.47 0.60 -0.09	23.99 0.44 0.00	26.01 0.37 0.00
BROOME___LFGE 323600	32.11 0.33 0.00	28.35 0.17 0.00	29.08 0.15 0.00	28.26 0.06 0.00	24.95 0.07 0.00	22.02 0.08 0.00	23.21 0.07 0.00	24.56 0.14 0.00	31.36 0.33 0.00	38.90 0.41 -0.09	45.94 0.57 -1.06	48.81 0.61 -1.23	48.37 0.60 -1.33	39.25 0.33 -0.83	43.21 0.46 -13.38	30.70 0.58 -4.16	29.29 0.58 -2.25	30.67 0.60 -4.99	22.94 0.40 -2.63	23.66 0.49 -1.12	25.85 0.59 0.00	27.47 0.60 -0.09	23.99 0.44 0.00	26.01 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	32.00 0.21 0.00	28.21 0.04 0.00	28.92 -0.02 0.00	28.21 0.01 0.00	24.96 0.07 0.00	22.02 0.08 0.00	23.33 0.19 0.00	24.49 0.08 0.00	31.34 0.31 0.00	38.76 0.35 -0.02	45.36 -0.04 -1.08	48.13 -0.17 -1.32	47.38 -0.50 -1.43	38.19 -0.72 -0.82	28.80 -0.60 -0.03	10.07 -1.04 14.85	0.83 -1.20 24.43	-0.06 -1.28 23.88	9.85 -0.87 9.19	21.29 -0.76 0.00	24.55 -0.70 0.00	26.64 -0.24 -0.10	23.41 -0.14 0.00	25.44 -0.21 0.00
BROWNSV1_27_KV_LOAD 356125	33.45 1.67 0.00	29.67 1.50 0.00	30.35 1.41 0.00	29.62 1.42 0.00	26.14 1.25 0.00	23.13 1.20 0.00	29.95 1.27 -5.54	27.69 1.59 -1.68	32.96 1.94 0.00	41.18 2.61 -0.17	47.51 3.20 0.00	50.20 3.22 0.00	50.02 3.58 0.00	67.72 3.01 -26.63	94.35 2.60 -62.38	39.78 2.68 -11.15	39.40 2.79 -10.14	68.57 2.55 -40.94	31.06 1.91 -9.24	27.21 2.03 -3.14	27.41 2.12 -0.04	28.95 1.92 -0.26	35.14 1.63 -9.96	30.35 1.76 -2.94
BURROWS___LYONSDAL 23803	32.43 0.64 0.00	28.55 0.38 0.00	29.25 0.31 0.00	28.52 0.32 0.00	25.21 0.33 0.00	22.33 0.39 0.00	23.67 0.54 0.00	24.98 0.56 0.00	31.90 0.88 0.00	39.53 1.12 -0.01	46.36 1.21 -0.84	49.16 1.17 -1.01	48.56 1.01 -1.10	39.50 0.79 -0.63	30.03 0.64 -0.02	23.54 0.43 2.85	22.11 0.34 4.69	20.75 0.25 4.58	18.45 0.31 1.77	22.55 0.50 0.00	25.91 0.66 0.00	27.63 0.78 -0.08	24.08 0.53 0.00	26.13 0.49 0.00
CAITHNESS_CC_1 323624	34.70 2.30 -0.61	31.65 2.29 -1.18	31.11 2.17 0.00	30.31 2.11 0.00	26.72 1.84 0.00	23.61 1.68 0.00	30.29 1.66 -5.49	27.95 1.86 -1.66	33.32 2.29 0.00	41.71 3.14 -0.17	47.96 3.65 0.00	50.35 3.37 0.00	50.44 3.99 0.00	68.26 3.57 -26.60	100.68 2.76 -68.55	97.56 2.97 -68.64	152.99 3.03 -123.49	81.62 2.84 -53.70	340.58 2.20 -318.47	65.58 2.40 -41.14	30.01 2.56 -2.19	31.14 2.48 -1.89	61.95 2.17 -36.23	42.91 2.41 -14.86
CALPINE BETH_PAGE_GT4 24209	34.34 1.94 -0.61	31.18 1.82 -1.18	30.74 1.81 0.00	29.95 1.75 0.00	26.42 1.53 0.00	23.38 1.45 0.00	30.06 1.43 -5.49	27.70 1.62 -1.66	33.02 2.00 0.00	41.21 2.64 -0.17	47.44 3.13 0.00	49.99 3.02 0.00	49.91 3.46 0.00	67.82 3.13 -26.60	100.47 2.56 -68.53	97.29 2.71 -68.63	133.01 2.78 -103.77	81.36 2.58 -53.70	209.29 1.98 -187.39	31.24 2.14 -7.05	27.95 2.25 -0.45	30.54 2.11 -1.65	52.62 1.75 -27.32	42.49 1.99 -14.86
CALPINE_BETH_PAGE_GT_4 323586	34.33 1.93 -0.61	31.18 1.83 -1.18	30.74 1.81 0.00	29.95 1.75 0.00	26.42 1.53 0.00	23.38 1.45 0.00	30.06 1.43 -5.49	27.70 1.62 -1.66	33.02 2.00 0.00	41.21 2.65 -0.17	47.45 3.14 0.00	49.98 3.00 0.00	49.91 3.47 0.00	67.82 3.13 -26.60	100.46 2.56 -68.53	97.29 2.70 -68.63	133.01 2.78 -103.77	81.36 2.58 -53.70	209.29 1.98 -187.39	31.24 2.14 -7.05	27.96 2.26 -0.45	30.54 2.11 -1.65	52.62 1.75 -27.32	42.49 1.99 -14.86
CALPINE_BP_GT1 23823	34.33 1.93 -0.61	31.18 1.83 -1.18	30.74 1.81 0.00	29.95 1.75 0.00	26.42 1.53 0.00	23.38 1.45 0.00	30.06 1.43 -5.49	27.70 1.62 -1.66	33.02 2.00 0.00	41.21 2.65 -0.17	47.45 3.14 0.00	49.98 3.00 0.00	49.91 3.47 0.00	67.82 3.13 -26.60	100.46 2.56 -68.53	97.29 2.70 -68.63	133.01 2.78 -103.77	81.36 2.58 -53.70	209.29 1.98 -187.39	31.24 2.14 -7.05	27.96 2.26 -0.45	30.54 2.11 -1.65	52.62 1.75 -27.32	42.49 1.99 -14.86
CALSPAN___DRP 24200	32.52 0.73 0.00	28.29 0.12 0.00	28.85 -0.08 0.00	27.95 -0.25 0.00	24.64 -0.24 0.00	21.90 -0.04 0.00	23.04 -0.09 0.00	24.15 -0.27 0.00	31.07 0.05 0.00	38.36 -0.07 -0.03	44.33 0.02 0.00	47.20 0.22 0.00	46.23 -0.22 0.00	37.77 -0.35 -0.04	36.37 0.02 -6.97	28.45 0.33 -2.16	27.98 0.36 -1.16	28.08 0.41 -2.59	21.55 0.26 -1.37	23.05 0.42 -0.59	26.03 0.77 0.00	27.82 1.05 0.00	24.40 0.84 0.00	26.53 0.89 0.00
CALVERTON___SOLAR 323806	34.94 2.54 -0.61	31.91 2.56 -1.18	31.37 2.44 0.00	30.56 2.36 0.00	26.94 2.06 0.00	23.80 1.86 0.00	30.50 1.87 -5.49	28.16 2.08 -1.66	33.56 2.54 0.00	42.08 3.52 -0.17	48.34 4.04 0.00	50.74 3.76 0.00	50.88 4.43 0.00	68.57 3.88 -26.60	100.84 2.92 -68.55	97.76 3.17 -68.64	153.37 3.26 -123.64	81.86 3.08 -53.70	341.75 2.37 -319.46	66.04 2.60 -41.39	30.26 2.80 -2.21	31.40 2.74 -1.89	62.26 2.42 -36.29	43.15 2.65 -14.86
CANDIGU_WT_PWR 323617	32.14 0.35 0.00	28.08 -0.09 0.00	28.73 -0.21 0.00	27.73 -0.46 0.00	24.44 -0.44 0.00	21.64 -0.30 0.00	22.67 -0.46 0.00	23.95 -0.47 0.00	30.88 -0.15 0.00	38.17 -0.27 -0.04	44.10 -0.21 0.00	47.09 0.12 0.00	46.35 -0.09 0.00	37.56 -0.58 -0.05	38.10 -0.33 -9.06	28.80 0.04 -2.81	28.14 0.17 -1.50	28.86 0.41 -3.36	21.94 0.25 -1.79	23.17 0.36 -0.76	25.82 0.57 0.00	27.58 0.81 0.00	24.06 0.51 0.00	26.06 0.42 0.00
CARR STREET_E_SYP 24060	31.47 -0.32 0.00	27.80 -0.37 0.00	28.50 -0.44 0.00	27.74 -0.46 0.00	24.49 -0.40 0.00	21.62 -0.32 0.00	22.73 -0.41 0.00	23.99 -0.43 0.00	30.53 -0.49 0.00	37.86 -0.59 -0.05	45.17 -0.56 -1.42	48.11 -0.52 -1.65	47.73 -0.50 -1.79	38.70 -0.43 -1.05	33.02 -0.22 -3.87	27.11 -0.06 -1.22	27.06 -0.08 -0.69	26.49 -0.06 -1.46	20.69 0.02 -0.76	22.47 0.11 -0.32	25.36 0.10 0.00	26.94 0.04 -0.13	23.47 -0.08 0.00	25.48 -0.16 0.00
CARTHAGE___PAPER 23857	32.34 0.55 0.00	28.39 0.21 0.00	29.03 0.09 0.00	28.31 0.12 0.00	25.10 0.21 0.00	22.21 0.27 0.00	23.57 0.44 0.00	24.80 0.39 0.00	31.74 0.72 0.00	39.29 0.86 -0.04	47.09 0.65 -2.13	49.95 0.38 -2.60	49.28 0.02 -2.81	39.36 -0.34 -1.61	29.28 -0.15 -0.05	18.53 -0.48 6.95	14.36 -0.67 11.43	13.09 -0.81 11.18	15.17 -0.41 4.32	22.00 -0.05 0.00	25.38 0.12 0.00	27.45 0.47 -0.20	23.67 0.12 0.00	25.67 0.03 0.00

CASSADAGA_WT_PWR 323784	32.19 0.40 0.00	28.21 0.04 0.00	28.53 -0.41 0.00	27.42 -0.77 0.00	24.18 -0.71 0.00	21.41 -0.53 0.00	22.81 -0.32 0.00	24.30 -0.12 0.00	31.25 0.23 0.00	38.99 0.56 -0.03	45.57 1.26 0.00	48.38 1.40 0.00	47.28 0.84 0.00	38.67 0.54 -0.04	37.60 0.90 -7.33	29.42 1.19 -2.27	28.89 1.22 -1.22	29.04 1.23 -2.72	21.83 0.47 -1.44	23.23 0.57 -0.61	25.83 0.57 0.00	27.66 0.89 0.00	24.34 0.79 0.00	26.72 1.08 0.00
CE_DUNWOOD___DRP 24194	33.05 1.27 0.00	29.35 1.17 0.00	30.05 1.12 0.00	29.33 1.13 0.00	25.88 0.99 0.00	22.88 0.95 0.00	30.01 0.97 -5.91	27.43 1.23 -1.79	32.49 1.47 0.00	40.57 2.01 -0.17	46.76 2.45 0.00	49.45 2.47 0.00	49.24 2.79 0.00	68.72 2.36 -28.28	95.38 2.07 -63.94	39.26 2.18 -11.12	39.26 2.29 -10.51	70.06 2.10 -42.87	28.56 1.58 -7.07	26.72 1.66 -3.01	27.00 1.70 -0.04	28.49 1.49 -0.22	34.51 1.24 -9.71	29.59 1.35 -2.60
CE_MILLWOOD___DRP 24193	32.98 1.20 0.00	29.29 1.12 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.83 0.95 0.00	22.83 0.90 0.00	30.22 0.92 -6.17	27.46 1.17 -1.87	32.42 1.39 0.00	40.47 1.91 -0.17	46.65 2.34 0.00	49.33 2.35 0.00	49.12 2.67 0.00	69.79 2.26 -29.45	96.30 1.99 -64.94	39.12 2.10 -11.07	56.78 2.22 -28.10	174.64 2.04 -147.52	28.48 1.53 -7.03	26.65 1.60 -3.00	26.94 1.64 -0.04	28.43 1.43 -0.22	34.57 1.18 -9.83	29.56 1.29 -2.63
CE_NYC2_DRP 24202	33.07 1.28 0.00	29.37 1.20 0.00	30.02 1.09 0.00	29.31 1.11 0.00	25.87 0.99 0.00	22.90 0.96 0.00	29.69 1.01 -5.54	27.41 1.31 -1.68	32.60 1.58 0.00	40.72 2.15 -0.17	46.93 2.62 0.00	49.63 2.65 0.00	49.44 3.00 0.00	67.26 2.55 -26.62	93.97 2.22 -62.37	39.46 2.36 -11.15	39.06 2.45 -10.14	68.24 2.21 -40.95	30.90 1.67 -9.31	26.96 1.77 -3.14	27.11 1.81 -0.04	28.62 1.58 -0.26	34.86 1.33 -9.97	30.07 1.47 -2.96
CE_NYC_DRP 24195	33.11 1.32 0.00	29.39 1.21 0.00	30.06 1.13 0.00	29.35 1.15 0.00	25.90 1.01 0.00	22.91 0.98 0.00	29.70 1.03 -5.54	27.42 1.32 -1.68	32.61 1.59 0.00	40.75 2.18 -0.17	46.98 2.67 0.00	49.64 2.66 0.00	49.47 3.02 0.00	67.27 2.55 -26.63	94.00 2.25 -62.38	39.46 2.35 -11.15	39.07 2.46 -10.14	68.27 2.24 -40.94	30.81 1.66 -9.23	26.94 1.75 -3.14	27.10 1.80 -0.04	28.63 1.59 -0.26	34.85 1.34 -9.95	30.05 1.46 -2.94
CHAFFEE___LFGE 323603	32.60 0.82 0.00	28.31 0.13 0.00	28.86 -0.08 0.00	27.96 -0.23 0.00	24.66 -0.23 0.00	21.91 -0.02 0.00	23.07 -0.06 0.00	24.19 -0.23 0.00	31.14 0.11 0.00	38.47 0.03 -0.03	44.48 0.17 0.00	47.34 0.36 0.00	46.38 -0.07 0.00	37.91 -0.21 -0.04	36.73 0.14 -7.21	28.62 0.43 -2.24	28.12 0.46 -1.20	28.28 0.51 -2.68	21.67 0.33 -1.42	23.15 0.50 -0.60	26.11 0.86 0.00	27.91 1.13 0.00	24.44 0.89 0.00	26.56 0.91 0.00
CHATEAUG_35_KV_LOAD 355732	31.97 0.18 0.00	28.20 0.02 0.00	28.95 0.02 0.00	28.18 -0.02 0.00	24.85 -0.04 0.00	21.80 -0.14 0.00	23.02 -0.12 0.00	24.35 -0.07 0.00	31.01 -0.01 0.00	37.90 -0.50 0.00	43.34 -0.97 0.00	46.22 -0.75 0.00	45.67 -0.77 0.00	37.28 -0.81 0.00	28.65 -0.72 0.00	-0.93 -0.99 25.90	-17.00 -0.84 42.62	-17.40 -0.86 41.63	3.18 -0.73 16.01	21.28 -0.77 0.00	24.94 -0.31 0.00	26.78 0.00 0.00	23.22 -0.33 0.00	25.07 -0.57 0.00
CHATEAUG_WT_PWR 323614	31.97 0.19 0.00	28.21 0.03 0.00	28.96 0.02 0.00	28.19 -0.01 0.00	24.84 -0.04 0.00	21.79 -0.14 0.00	22.99 -0.14 0.00	24.32 -0.10 0.00	30.96 -0.07 0.00	37.83 -0.57 0.00	43.26 -1.05 0.00	46.15 -0.83 0.00	45.62 -0.83 0.00	37.25 -0.84 0.00	28.65 -0.72 0.00	-1.38 -0.98 26.36	-17.71 -0.80 43.37	-18.13 -0.85 42.36	2.90 -0.72 16.29	21.29 -0.76 0.00	24.97 -0.29 0.00	26.80 0.02 0.00	23.25 -0.30 0.00	25.08 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	31.97 0.18 0.00	28.20 0.02 0.00	28.95 0.02 0.00	28.18 -0.02 0.00	24.85 -0.04 0.00	21.80 -0.13 0.00	23.02 -0.11 0.00	24.35 -0.07 0.00	31.01 -0.01 0.00	37.90 -0.50 0.00	43.34 -0.97 0.00	46.22 -0.76 0.00	45.67 -0.77 0.00	37.28 -0.81 0.00	28.65 -0.72 0.00	-0.94 -0.99 25.90	-17.00 -0.84 42.62	-17.40 -0.86 41.63	3.18 -0.73 16.01	21.28 -0.77 0.00	24.94 -0.31 0.00	26.78 0.00 0.00	23.22 -0.33 0.00	25.07 -0.57 0.00
CHAUTAUQUA___LFGE 323629	32.37 0.58 0.00	28.25 0.07 0.00	28.74 -0.20 0.00	27.76 -0.43 0.00	24.47 -0.42 0.00	21.69 -0.25 0.00	22.98 -0.15 0.00	24.31 -0.10 0.00	31.24 0.21 0.00	38.76 0.33 -0.03	45.03 0.72 0.00	47.86 0.88 0.00	46.90 0.45 0.00	38.29 0.16 -0.04	37.09 0.52 -7.20	29.00 0.82 -2.23	28.47 0.82 -1.20	28.61 0.86 -2.67	21.70 0.37 -1.42	23.18 0.53 -0.60	25.97 0.72 0.00	27.77 1.00 0.00	24.37 0.81 0.00	26.57 0.93 0.00
CHERRYST_13_KV_LD 356241	33.20 1.42 0.00	29.47 1.30 0.00	30.15 1.21 0.00	29.43 1.24 0.00	25.98 1.09 0.00	22.99 1.06 0.00	29.80 1.12 -5.54	27.52 1.43 -1.68	32.76 1.73 0.00	40.94 2.38 -0.17	47.20 2.89 0.00	49.87 2.90 0.00	49.72 3.27 0.00	67.46 2.74 -26.63	94.15 2.40 -62.38	39.59 2.49 -11.15	39.21 2.60 -10.14	68.39 2.37 -40.94	30.89 1.75 -9.23	27.03 1.84 -3.14	27.19 1.90 -0.04	28.72 1.68 -0.26	34.93 1.42 -9.95	30.12 1.54 -2.94
CHESTROR_138KV_BK263 355645	32.74 0.96 0.00	29.08 0.90 0.00	29.79 0.85 0.00	29.07 0.87 0.00	25.65 0.76 0.00	22.65 0.71 0.00	17.90 0.72 5.96	23.53 0.93 1.82	32.12 1.10 0.00	40.10 1.55 -0.16	46.22 1.91 0.00	48.93 1.95 0.00	48.66 2.21 0.00	15.21 1.83 24.70	38.82 1.61 -7.84	37.83 1.73 -10.15	29.51 1.86 -1.19	26.55 1.72 0.26	27.66 1.29 -6.45	26.14 1.35 -2.75	26.60 1.38 0.04	27.78 1.19 0.19	16.24 0.97 8.28	24.47 1.04 2.21
CH_MIDHUDSON___DRP 24192	33.11 1.33 0.00	29.42 1.25 0.00	30.15 1.21 0.00	29.42 1.23 0.00	25.97 1.08 0.00	22.93 0.99 0.00	25.22 1.02 -1.07	26.14 1.31 -0.41	32.59 1.57 0.00	40.65 2.09 -0.17	46.78 2.48 0.00	49.48 2.51 0.00	49.23 2.78 0.00	46.92 2.36 -6.48	74.83 2.03 -43.42	39.59 2.12 -11.52	35.92 2.22 -7.23	48.37 2.06 -21.22	28.79 1.56 -7.32	26.80 1.63 -3.12	26.95 1.68 -0.02	28.34 1.49 -0.08	28.14 1.22 -3.36	27.88 1.34 -0.90
CH_MISC_IPPS 23765	33.28 1.50 0.00	29.55 1.37 0.00	30.26 1.33 0.00	29.53 1.34 0.00	26.06 1.17 0.00	23.02 1.08 0.00	24.26 1.13 0.00	26.09 1.45 -0.22	32.80 1.77 0.00	40.90 2.34 -0.17	47.08 2.77 0.00	49.82 2.85 0.00	49.57 3.12 0.00	40.92 2.62 -0.21	67.95 2.22 -36.35	39.52 2.29 -11.27	34.91 2.42 -6.03	41.43 2.26 -14.10	28.78 1.70 -7.16	26.89 1.79 -3.05	27.12 1.86 -0.01	28.49 1.67 -0.05	26.94 1.37 -2.02	27.66 1.47 -0.54
CH_RES_BVR_FALLS 23983	31.45 -0.34 0.00	27.77 -0.41 0.00	28.60 -0.33 0.00	27.86 -0.34 0.00	24.64 -0.24 0.00	21.69 -0.24 0.00	22.94 -0.19 0.00	24.17 -0.25 0.00	30.73 -0.29 0.00	37.95 -0.45 0.00	43.57 -0.74 0.00	46.25 -0.72 0.00	45.67 -0.78 0.00	37.41 -0.68 0.00	28.74 -0.63 0.00	-14.11 -0.78 39.28	-38.92 -0.73 64.65	-38.86 -0.80 63.15	-4.99 -0.62 24.28	21.37 -0.68 0.00	24.63 -0.62 0.00	26.30 -0.47 0.00	23.04 -0.51 0.00	25.07 -0.57 0.00

CH_RES_NIAGARA 23895	31.95 0.16 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.24 -0.64 0.00	21.56 -0.38 0.00	22.67 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.90 0.00	37.13 -1.30 -0.03	42.79 -1.52 0.00	45.41 -1.56 0.00	44.46 -1.99 0.00	36.43 -1.70 -0.04	34.79 -1.02 -6.44	27.33 -0.62 -2.00	26.97 -0.57 -1.07	26.95 -0.52 -2.39	20.75 -0.43 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	26.99 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
CH_RES_SYRACUSE 23985	31.75 -0.04 0.00	28.07 -0.10 0.00	28.78 -0.16 0.00	28.00 -0.19 0.00	24.72 -0.16 0.00	21.81 -0.12 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.89 -0.14 0.00	38.32 -0.16 -0.09	47.17 -0.08 -2.94	50.39 0.02 -3.39	50.12 0.00 -3.67	40.20 -0.01 -2.13	33.85 0.11 -4.37	27.58 0.23 -1.40	27.50 0.22 -0.81	27.00 0.24 -1.68	20.98 0.22 -0.85	22.66 0.25 -0.36	25.53 0.28 0.00	27.25 0.21 -0.26	23.62 0.07 0.00	25.62 -0.02 0.00
CLINTON_WT_PWR 323605	31.97 0.19 0.00	28.21 0.03 0.00	28.96 0.02 0.00	28.19 -0.01 0.00	24.84 -0.04 0.00	21.79 -0.14 0.00	22.99 -0.14 0.00	24.32 -0.10 0.00	30.96 -0.07 0.00	37.83 -0.57 0.00	43.26 -1.05 0.00	46.15 -0.83 0.00	45.62 -0.83 0.00	37.25 -0.84 0.00	28.65 -0.72 0.00	-1.38 -0.98 26.36	-17.71 -0.80 43.37	-18.13 -0.85 42.36	2.90 -0.72 16.29	21.29 -0.76 0.00	24.97 -0.29 0.00	26.80 0.02 0.00	23.25 -0.30 0.00	25.08 -0.57 0.00
CLINTON___LFGE 323618	32.25 0.47 0.00	28.43 0.25 0.00	29.17 0.23 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.91 -0.03 0.00	23.12 -0.02 0.00	24.48 0.06 0.00	31.17 0.14 0.00	38.03 -0.37 0.00	43.48 -0.83 0.00	46.35 -0.62 0.00	45.88 -0.57 0.00	37.48 -0.60 0.00	28.85 -0.52 0.00	-1.03 -0.75 26.23	-17.22 -0.51 43.17	-17.60 -0.52 42.17	3.21 -0.48 16.22	21.57 -0.48 0.00	25.34 0.09 0.00	27.19 0.41 0.00	23.57 0.01 0.00	25.36 -0.28 0.00
COBBLENY_34_KV_TB1 80064	32.60 0.81 0.00	28.30 0.13 0.00	28.86 -0.08 0.00	27.96 -0.24 0.00	24.66 -0.23 0.00	21.92 -0.02 0.00	23.07 -0.06 0.00	24.18 -0.23 0.00	31.13 0.11 0.00	38.47 0.04 -0.03	44.49 0.19 0.00	47.33 0.35 0.00	46.38 -0.07 0.00	37.91 -0.22 -0.04	36.73 0.15 -7.21	28.61 0.42 -2.24	28.11 0.45 -1.20	28.27 0.50 -2.68	21.66 0.33 -1.42	23.15 0.49 -0.60	26.12 0.86 0.00	27.91 1.13 0.00	24.45 0.89 0.00	26.56 0.92 0.00
COFFEEN___115KV_TB3 355620	32.42 0.64 0.00	28.42 0.24 0.00	29.03 0.10 0.00	28.29 0.10 0.00	25.10 0.21 0.00	22.23 0.29 0.00	23.58 0.45 0.00	24.80 0.38 0.00	31.85 0.83 0.00	39.40 0.96 -0.04	47.68 0.84 -2.53	50.60 0.53 -3.10	49.83 0.03 -3.35	39.54 -0.46 -1.92	29.31 -0.13 -0.06	19.79 -0.44 5.72	16.40 -0.64 9.42	15.01 -0.85 9.22	15.97 -0.37 3.57	22.21 0.16 0.00	25.57 0.32 0.00	27.65 0.64 -0.24	23.69 0.13 0.00	25.65 0.01 0.00
COLDSPRG_115KV_BK1 355956	32.73 0.94 0.00	28.63 0.46 0.00	29.13 0.20 0.00	28.15 -0.04 0.00	24.82 -0.07 0.00	22.02 0.08 0.00	23.38 0.24 0.00	24.78 0.36 0.00	31.93 0.90 0.00	39.61 1.17 -0.04	45.80 1.49 0.00	48.49 1.52 0.00	47.48 1.03 0.00	38.71 0.58 -0.05	37.85 0.86 -7.62	29.44 1.13 -2.36	28.86 1.14 -1.27	29.09 1.18 -2.83	22.09 0.67 -1.50	23.46 0.77 -0.64	26.26 1.00 0.00	28.05 1.27 0.00	24.63 1.08 0.00	26.85 1.21 0.00
COLONIE_LFGE___ 323577	33.27 1.48 0.00	29.62 1.44 0.00	30.41 1.47 0.00	29.67 1.47 0.00	26.17 1.29 0.00	23.06 1.12 0.00	25.43 1.10 -1.21	25.99 1.21 -0.36	32.50 1.48 0.00	40.81 1.97 -0.44	46.53 2.22 0.00	49.23 2.26 0.00	48.82 2.37 -0.01	46.76 2.03 -6.65	136.85 1.61 -105.87	58.43 1.54 -30.94	45.66 1.59 -17.61	70.83 1.48 -44.26	40.77 1.20 -19.66	31.77 1.34 -8.38	26.73 1.47 -0.01	28.14 1.30 -0.06	27.38 1.05 -2.78	27.52 1.14 -0.74
COOPERNY_115KV_TB1 80082	32.46 0.67 0.00	28.82 0.64 0.00	29.56 0.62 0.00	28.83 0.63 0.00	25.44 0.55 0.00	22.43 0.50 0.00	21.15 0.50 2.49	24.31 0.65 0.76	31.81 0.79 0.00	39.64 1.12 -0.13	45.70 1.39 0.00	48.39 1.41 0.00	48.06 1.62 0.00	30.96 1.35 8.47	47.17 1.21 -16.59	35.08 1.31 -7.82	30.55 1.39 -2.70	25.52 1.31 0.87	25.86 0.98 -4.97	25.19 1.02 -2.12	26.28 1.04 0.02	27.59 0.90 0.08	20.59 0.73 3.69	25.43 0.78 0.99
COPENHAGEN_WT_PWR 323753	31.95 0.16 0.00	28.05 -0.13 0.00	28.65 -0.28 0.00	27.92 -0.28 0.00	24.80 -0.09 0.00	21.92 -0.02 0.00	23.24 0.11 0.00	24.47 0.06 0.00	31.41 0.38 0.00	38.91 0.47 -0.04	47.15 0.20 -2.64	49.99 -0.22 -3.23	49.42 -0.52 -3.50	39.35 -0.74 -2.00	28.97 -0.47 -0.07	19.78 -0.78 5.40	16.56 -1.02 8.88	15.21 -1.18 8.69	15.86 -0.68 3.37	21.77 -0.28 0.00	25.08 -0.17 0.00	27.21 0.19 -0.25	23.25 -0.30 0.00	25.22 -0.43 0.00
CORNELL___ 23752	32.49 0.71 0.00	28.64 0.47 0.00	29.38 0.44 0.00	28.55 0.36 0.00	25.21 0.32 0.00	22.29 0.35 0.00	23.50 0.37 0.00	24.85 0.44 0.00	31.71 0.69 0.00	39.24 0.76 -0.08	46.89 1.05 -1.53	50.01 1.26 -1.77	49.50 1.14 -1.91	40.10 0.87 -1.15	39.66 0.84 -9.44	29.75 0.84 -2.95	28.94 0.86 -1.61	29.50 0.88 -3.53	22.50 0.74 -1.85	23.73 0.89 -0.79	26.30 1.05 0.00	27.95 1.04 -0.14	24.31 0.76 0.00	26.31 0.67 0.00
CORONA_AV_69_KV_TB1 355595	34.43 2.03 -0.61	31.17 1.81 -1.18	30.63 1.69 0.00	29.86 1.66 0.00	26.34 1.45 0.00	23.34 1.41 0.00	30.02 1.39 -5.49	27.74 1.66 -1.66	33.07 2.04 0.00	41.30 2.73 -0.17	47.45 3.15 0.00	50.10 3.13 0.00	49.97 3.52 0.00	67.81 3.13 -26.60	100.47 2.56 -68.53	97.26 2.67 -68.63	132.74 2.77 -103.51	81.39 2.60 -53.70	207.53 1.99 -185.62	30.78 2.14 -6.59	27.92 2.24 -0.42	30.50 2.08 -1.65	52.51 1.76 -27.20	42.50 2.00 -14.86
CORTLAND_115KV_TB3 80093	32.18 0.39 0.00	28.41 0.23 0.00	29.14 0.21 0.00	28.34 0.14 0.00	25.02 0.14 0.00	22.11 0.17 0.00	23.30 0.17 0.00	24.64 0.22 0.00	31.44 0.42 0.00	38.94 0.47 -0.07	46.58 0.68 -1.59	49.57 0.75 -1.84	49.20 0.76 -1.99	39.79 0.52 -1.18	37.37 0.58 -7.42	28.89 0.62 -2.32	28.35 0.61 -1.28	28.48 0.61 -2.78	21.84 0.48 -1.46	23.28 0.61 -0.62	25.99 0.74 0.00	27.62 0.70 -0.14	24.04 0.49 0.00	26.06 0.42 0.00
COXSACKIE___GT 23611	34.14 2.35 0.00	30.31 2.14 0.00	31.14 2.20 0.00	30.36 2.17 0.00	26.80 1.91 0.00	23.63 1.70 0.00	25.69 1.75 -0.81	26.59 1.90 -0.27	33.44 2.41 0.00	41.78 3.11 -0.27	47.55 3.24 0.00	50.17 3.19 0.00	49.67 3.22 0.00	46.06 2.95 -5.03	98.07 2.25 -66.45	47.15 2.04 -19.15	38.84 2.13 -10.25	50.94 2.10 -23.76	33.76 1.67 -12.17	29.09 1.86 -5.19	27.40 2.14 -0.01	28.75 1.93 -0.04	26.90 1.46 -1.89	27.67 1.52 -0.51
CPV_VALLEY___CC1 323721	32.50 0.71 0.00	28.86 0.68 0.00	29.58 0.64 0.00	28.86 0.66 0.00	25.47 0.58 0.00	22.48 0.54 0.00	20.14 0.55 3.54	24.06 0.73 1.09	31.87 0.84 0.00	39.76 1.22 -0.15	45.83 1.52 0.00	48.51 1.53 0.00	48.23 1.79 0.00	25.96 1.50 13.62	46.96 1.35 -16.23	36.75 1.48 -9.32	30.65 1.58 -2.60	21.62 1.48 4.94	26.92 1.09 -5.92	25.71 1.14 -2.52	26.37 1.14 0.03	27.60 0.96 0.13	18.38 0.78 5.95	24.88 0.83 1.59

CPV_VALLEY___CC2 323722	32.50 0.71 0.00	28.86 0.68 0.00	29.58 0.64 0.00	28.86 0.66 0.00	25.47 0.58 0.00	22.48 0.54 0.00	20.14 0.55 3.54	24.06 0.73 1.09	31.87 0.84 0.00	39.76 1.22 -0.15	45.83 1.52 0.00	48.51 1.53 0.00	48.23 1.79 0.00	25.96 1.50 13.62	46.96 1.35 -16.23	36.75 1.48 -9.32	30.65 1.58 -2.60	21.62 1.48 4.94	26.92 1.09 -5.92	25.71 1.14 -2.52	26.37 1.14 0.03	27.60 0.96 0.13	18.38 0.78 5.95	24.88 0.83 1.59
CRESCENT___HYD 24018	33.27 1.48 0.00	29.62 1.44 0.00	30.41 1.47 0.00	29.67 1.47 0.00	26.17 1.29 0.00	23.06 1.12 0.00	25.43 1.10 -1.21	25.99 1.21 -0.36	32.50 1.48 0.00	40.81 1.97 -0.44	46.53 2.22 0.00	49.23 2.26 0.00	48.82 2.37 -0.01	46.76 2.03 -6.65	136.85 1.61 -105.87	58.43 1.54 -30.94	45.66 1.59 -17.61	70.83 1.48 -44.26	40.77 1.20 -19.66	31.77 1.34 -8.38	26.73 1.47 -0.01	28.14 1.30 -0.06	27.38 1.05 -2.78	27.52 1.14 -0.74
CRICKET___VALLEY_CC1 323756	32.80 1.01 0.00	29.18 1.01 0.00	29.93 0.99 0.00	29.22 1.02 0.00	25.81 0.91 0.00	22.78 0.84 0.00	26.34 0.86 -2.36	26.22 1.08 -0.72	32.22 1.20 0.00	40.19 1.62 -0.18	46.26 1.95 0.00	48.91 1.93 0.00	48.67 2.22 0.00	52.15 1.90 -12.17	82.24 1.71 -51.15	39.92 1.80 -12.16	36.93 1.90 -8.57	55.36 1.75 -28.53	28.95 1.31 -7.73	26.70 1.36 -3.29	26.66 1.38 -0.03	28.09 1.17 -0.14	30.75 0.95 -6.24	28.38 1.07 -1.67
CRICKET___VALLEY_CC2 323757	32.80 1.01 0.00	29.18 1.01 0.00	29.93 0.99 0.00	29.22 1.02 0.00	25.81 0.91 0.00	22.78 0.84 0.00	26.34 0.86 -2.36	26.22 1.08 -0.72	32.22 1.20 0.00	40.19 1.62 -0.18	46.26 1.95 0.00	48.91 1.93 0.00	48.67 2.22 0.00	52.15 1.90 -12.17	82.24 1.71 -51.15	39.92 1.80 -12.16	36.93 1.90 -8.57	55.36 1.75 -28.53	28.95 1.31 -7.73	26.70 1.36 -3.29	26.66 1.38 -0.03	28.09 1.17 -0.14	30.75 0.95 -6.24	28.38 1.07 -1.67
CRICKET___VALLEY_CC3 323758	32.80 1.01 0.00	29.18 1.01 0.00	29.93 0.99 0.00	29.22 1.02 0.00	25.81 0.91 0.00	22.78 0.84 0.00	26.34 0.86 -2.36	26.22 1.08 -0.72	32.22 1.20 0.00	40.19 1.62 -0.18	46.26 1.95 0.00	48.91 1.93 0.00	48.67 2.22 0.00	52.15 1.90 -12.17	82.24 1.71 -51.15	39.92 1.80 -12.16	36.93 1.90 -8.57	55.36 1.75 -28.53	28.95 1.31 -7.73	26.70 1.36 -3.29	26.66 1.38 -0.03	28.09 1.17 -0.14	30.75 0.95 -6.24	28.38 1.07 -1.67
CRUCIBLE_METL_DRP 24180	31.75 -0.04 0.00	28.07 -0.10 0.00	28.78 -0.16 0.00	28.00 -0.20 0.00	24.72 -0.17 0.00	21.81 -0.13 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.89 -0.14 0.00	38.32 -0.16 -0.09	47.18 -0.07 -2.94	50.38 0.02 -3.39	50.12 0.00 -3.67	40.20 -0.01 -2.13	33.85 0.11 -4.37	27.58 0.23 -1.40	27.50 0.22 -0.81	27.00 0.24 -1.68	20.98 0.21 -0.85	22.65 0.25 -0.36	25.53 0.28 0.00	27.25 0.21 -0.26	23.62 0.07 0.00	25.62 -0.02 0.00
DAHOWA___HYDRO 323763	34.19 2.40 0.00	30.37 2.19 0.00	31.17 2.23 0.00	30.37 2.17 0.00	26.81 1.92 0.00	23.64 1.71 0.00	26.05 1.78 -1.14	26.68 1.92 -0.35	33.33 2.31 0.00	41.95 3.08 -0.48	47.67 3.36 0.00	50.48 3.50 0.00	50.07 3.62 -0.01	47.70 3.16 -6.45	147.68 2.40 -115.91	62.19 2.10 -34.13	47.83 2.09 -19.27	74.85 1.98 -47.79	43.26 1.66 -21.69	33.18 1.89 -9.24	27.34 2.08 -0.01	28.77 1.93 -0.06	27.76 1.57 -2.64	27.96 1.61 -0.71
DANC___LFGE 323619	31.68 -0.10 0.00	27.88 -0.30 0.00	28.53 -0.41 0.00	27.77 -0.42 0.00	24.61 -0.28 0.00	21.73 -0.20 0.00	22.97 -0.16 0.00	24.21 -0.21 0.00	30.99 -0.04 0.00	38.44 0.00 -0.05	47.37 -0.18 -3.24	50.49 -0.45 -3.96	50.04 -0.69 -4.29	39.78 -0.76 -2.46	29.00 -0.46 -0.08	21.76 -0.58 3.61	19.76 -0.76 5.94	18.42 -0.84 5.82	17.15 -0.49 2.28	21.82 -0.23 0.00	25.08 -0.18 0.00	27.13 0.04 -0.31	23.26 -0.30 0.00	25.23 -0.42 0.00
DANSKAMMER___1 23586	33.28 1.50 0.00	29.55 1.37 0.00	30.26 1.33 0.00	29.53 1.34 0.00	26.06 1.17 0.00	23.02 1.08 0.00	24.26 1.13 0.00	26.09 1.45 -0.22	32.80 1.77 0.00	40.90 2.34 -0.17	47.08 2.77 0.00	49.82 2.85 0.00	49.57 3.12 0.00	40.92 2.62 -0.21	67.95 2.22 -36.35	39.52 2.29 -11.27	34.91 2.42 -6.03	41.43 2.26 -14.10	28.78 1.70 -7.16	26.89 1.79 -3.05	27.12 1.86 -0.01	28.49 1.67 -0.05	26.94 1.37 -2.02	27.66 1.47 -0.54
DANSKAMMER___2 23589	33.28 1.50 0.00	29.55 1.37 0.00	30.26 1.33 0.00	29.53 1.34 0.00	26.06 1.17 0.00	23.02 1.08 0.00	24.26 1.13 0.00	26.09 1.45 -0.22	32.80 1.77 0.00	40.90 2.34 -0.17	47.08 2.77 0.00	49.82 2.85 0.00	49.57 3.12 0.00	40.92 2.62 -0.21	67.95 2.22 -36.35	39.52 2.29 -11.27	34.91 2.42 -6.03	41.43 2.26 -14.10	28.78 1.70 -7.16	26.89 1.79 -3.05	27.12 1.86 -0.01	28.49 1.67 -0.05	26.94 1.37 -2.02	27.66 1.47 -0.54
DANSKAMMER___3 23590	33.28 1.50 0.00	29.55 1.37 0.00	30.26 1.33 0.00	29.53 1.34 0.00	26.06 1.17 0.00	23.02 1.08 0.00	24.26 1.13 0.00	26.09 1.45 -0.22	32.80 1.77 0.00	40.90 2.34 -0.17	47.08 2.77 0.00	49.82 2.85 0.00	49.57 3.12 0.00	40.92 2.62 -0.21	67.95 2.22 -36.35	39.52 2.29 -11.27	34.91 2.42 -6.03	41.43 2.26 -14.10	28.78 1.70 -7.16	26.89 1.79 -3.05	27.12 1.86 -0.01	28.49 1.67 -0.05	26.94 1.37 -2.02	27.66 1.47 -0.54
DANSKAMMER___4 23591	33.28 1.50 0.00	29.55 1.37 0.00	30.26 1.33 0.00	29.53 1.34 0.00	26.06 1.17 0.00	23.02 1.08 0.00	24.26 1.13 0.00	26.09 1.45 -0.22	32.80 1.77 0.00	40.90 2.34 -0.17	47.08 2.77 0.00	49.82 2.85 0.00	49.57 3.12 0.00	40.92 2.62 -0.21	67.95 2.22 -36.35	39.52 2.29 -11.27	34.91 2.42 -6.03	41.43 2.26 -14.10	28.78 1.70 -7.16	26.89 1.79 -3.05	27.12 1.86 -0.01	28.49 1.67 -0.05	26.94 1.37 -2.02	27.66 1.47 -0.54
DANSKAMMER___DIESEL 23592	33.28 1.50 0.00	29.54 1.37 0.00	30.26 1.33 0.00	29.53 1.34 0.00	26.06 1.17 0.00	23.02 1.08 0.00	24.26 1.13 0.00	26.09 1.45 -0.22	32.80 1.77 0.00	40.90 2.34 -0.17	47.08 2.77 0.00	49.82 2.85 0.00	49.57 3.12 0.00	40.92 2.62 -0.21	67.94 2.22 -36.35	39.52 2.29 -11.27	34.91 2.41 -6.03	41.44 2.26 -14.10	28.78 1.70 -7.16	26.89 1.79 -3.05	27.12 1.86 -0.01	28.49 1.67 -0.05	26.94 1.37 -2.02	27.65 1.47 -0.54
DARBY___SOLAR 323810	34.03 2.25 0.00	30.24 2.06 0.00	31.04 2.10 0.00	30.24 2.04 0.00	26.69 1.81 0.00	23.53 1.60 0.00	25.93 1.65 -1.15	26.55 1.78 -0.35	33.17 2.15 0.00	41.74 2.87 -0.47	47.43 3.13 0.00	50.24 3.26 0.00	49.80 3.35 -0.01	47.48 2.91 -6.48	146.35 2.23 -114.75	61.71 2.00 -33.76	47.55 2.01 -19.08	74.36 1.89 -47.39	42.94 1.57 -21.45	32.98 1.79 -9.14	27.21 1.95 -0.01	28.64 1.81 -0.06	27.69 1.47 -2.66	27.88 1.53 -0.71
DASHVILLE___HYD 23610	32.73 0.95 0.00	29.07 0.90 0.00	29.79 0.85 0.00	29.08 0.88 0.00	25.65 0.76 0.00	22.65 0.71 0.00	23.85 0.72 0.00	25.39 0.98 0.00	32.17 1.14 0.00	40.17 1.58 -0.19	46.38 2.07 0.00	49.03 2.05 0.00	48.77 2.32 0.00	40.32 1.99 -0.24	73.30 1.82 -42.11	40.89 1.88 -13.06	35.42 1.97 -6.99	43.16 1.90 -16.18	29.58 1.37 -8.30	27.00 1.42 -3.53	26.71 1.46 0.00	28.03 1.25 0.00	24.53 0.98 0.00	26.77 1.12 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	35.68 3.28 -0.61	32.63 3.27 -1.18	32.11 3.18 0.00	31.27 3.08 0.00	27.55 2.67 0.00	24.31 2.38 0.00	31.06 2.43 -5.49	28.76 2.68 -1.66	34.37 3.35 0.00	43.21 4.64 -0.17	49.69 5.38 0.00	52.25 5.28 0.00	52.43 5.99 0.00	69.82 5.14 -26.60	101.61 3.69 -68.55	98.58 3.98 -68.64	154.26 4.10 -123.70	82.72 3.93 -53.70	342.76 3.01 -319.84	66.85 3.31 -41.49	31.07 3.60 -2.21	32.18 3.52 -1.89	62.94 3.07 -36.32	43.80 3.30 -14.86
DELAWARE___LFGE 323621	32.59 0.80 0.00	28.95 0.77 0.00	29.75 0.82 0.00	28.99 0.80 0.00	25.59 0.70 0.00	22.49 0.56 0.00	23.70 0.56 0.00	25.11 0.69 0.00	31.94 0.92 0.00	39.74 1.21 -0.14	46.30 1.43 -0.56	49.08 1.46 -0.65	48.67 1.53 -0.70	39.90 1.27 -0.54	57.50 1.12 -27.01	35.48 1.15 -8.38	32.13 1.17 -4.50	36.25 1.13 -10.04	26.10 0.87 -5.32	25.26 0.94 -2.27	26.28 1.03 0.00	27.81 0.99 -0.05	24.35 0.79 0.00	26.47 0.82 0.00
DERFIELD_115KV_TB7 355931	31.81 0.02 0.00	28.19 0.01 0.00	28.96 0.02 0.00	28.22 0.03 0.00	24.91 0.03 0.00	21.96 0.02 0.00	23.23 0.10 0.00	24.54 0.12 0.00	31.18 0.16 0.00	38.64 0.24 0.00	44.61 0.30 0.00	47.26 0.28 0.00	46.77 0.33 0.00	38.37 0.29 0.00	29.60 0.23 0.00	27.87 0.28 -1.64	29.43 0.28 -2.69	27.97 0.25 -2.63	21.10 0.18 -1.01	22.24 0.20 0.00	25.47 0.22 0.00	26.95 0.18 0.00	23.67 0.11 0.00	25.75 0.10 0.00
DOGLEVILLE___HYD 23807	31.86 0.08 0.00	28.21 0.04 0.00	28.97 0.03 0.00	28.26 0.07 0.00	24.96 0.07 0.00	22.10 0.16 0.00	23.24 0.10 0.00	24.63 0.21 0.00	31.17 0.15 0.00	38.90 0.51 0.00	44.89 0.59 0.00	47.45 0.48 0.00	47.10 0.66 0.00	38.62 0.53 0.00	29.68 0.31 0.00	28.46 0.86 -1.64	29.96 0.81 -2.69	28.43 0.72 -2.63	21.29 0.36 -1.01	22.40 0.35 0.00	25.67 0.42 0.00	27.06 0.29 0.00	23.56 0.01 0.00	25.49 -0.15 0.00
DUNKIRK___115KV_TB_200 55889	32.37 0.58 0.00	28.25 0.08 0.00	28.76 -0.17 0.00	27.79 -0.40 0.00	24.50 -0.39 0.00	21.72 -0.22 0.00	22.99 -0.14 0.00	24.30 -0.12 0.00	31.22 0.19 0.00	38.72 0.29 -0.03	44.93 0.62 0.00	47.75 0.77 0.00	46.83 0.38 0.00	38.21 0.09 -0.04	37.00 0.45 -7.18	28.93 0.75 -2.23	28.40 0.75 -1.19	28.54 0.79 -2.67	21.68 0.35 -1.42	23.15 0.50 -0.60	25.98 0.73 0.00	27.77 1.00 0.00	24.37 0.81 0.00	26.55 0.91 0.00
DUNKIRK___1 23563	32.37 0.58 0.00	28.25 0.08 0.00	28.76 -0.17 0.00	27.79 -0.40 0.00	24.50 -0.39 0.00	21.72 -0.22 0.00	22.99 -0.14 0.00	24.30 -0.12 0.00	31.22 0.19 0.00	38.72 0.29 -0.03	44.93 0.62 0.00	47.75 0.77 0.00	46.83 0.38 0.00	38.21 0.09 -0.04	37.00 0.45 -7.18	28.93 0.75 -2.23	28.40 0.75 -1.19	28.54 0.79 -2.67	21.68 0.35 -1.42	23.15 0.50 -0.60	25.98 0.73 0.00	27.77 1.00 0.00	24.37 0.81 0.00	26.55 0.91 0.00
DUNKIRK___2 23564	32.37 0.58 0.00	28.25 0.08 0.00	28.76 -0.17 0.00	27.79 -0.40 0.00	24.50 -0.39 0.00	21.72 -0.22 0.00	22.99 -0.14 0.00	24.30 -0.12 0.00	31.22 0.19 0.00	38.72 0.29 -0.03	44.93 0.62 0.00	47.75 0.77 0.00	46.83 0.38 0.00	38.21 0.09 -0.04	37.00 0.45 -7.18	28.93 0.75 -2.23	28.40 0.75 -1.19	28.54 0.79 -2.67	21.68 0.35 -1.42	23.15 0.50 -0.60	25.98 0.73 0.00	27.77 1.00 0.00	24.37 0.81 0.00	26.55 0.91 0.00
DUNKIRK___3 23565	32.34 0.55 0.00	28.21 0.04 0.00	28.75 -0.18 0.00	27.81 -0.39 0.00	24.52 -0.37 0.00	21.74 -0.19 0.00	22.97 -0.16 0.00	24.21 -0.21 0.00	31.13 0.10 0.00	38.52 0.09 -0.03	44.62 0.31 0.00	47.42 0.44 0.00	46.51 0.07 0.00	37.96 -0.17 -0.04	36.75 0.22 -7.16	28.71 0.53 -2.22	28.19 0.55 -1.19	28.34 0.60 -2.66	21.59 0.26 -1.41	23.06 0.41 -0.60	25.92 0.67 0.00	27.71 0.93 0.00	24.31 0.76 0.00	26.46 0.81 0.00
DUNKIRK___4 23566	32.34 0.55 0.00	28.21 0.04 0.00	28.75 -0.18 0.00	27.81 -0.39 0.00	24.52 -0.37 0.00	21.74 -0.19 0.00	22.97 -0.16 0.00	24.21 -0.21 0.00	31.13 0.10 0.00	38.52 0.09 -0.03	44.62 0.31 0.00	47.42 0.44 0.00	46.51 0.07 0.00	37.96 -0.17 -0.04	36.75 0.22 -7.16	28.71 0.53 -2.22	28.19 0.55 -1.19	28.34 0.60 -2.66	21.59 0.26 -1.41	23.06 0.41 -0.60	25.92 0.67 0.00	27.71 0.93 0.00	24.31 0.76 0.00	26.46 0.81 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.13 1.34 0.00	29.42 1.24 0.00	30.11 1.18 0.00	29.39 1.19 0.00	25.93 1.04 0.00	22.93 0.99 0.00	29.70 1.03 -5.54	27.39 1.30 -1.68	32.58 1.56 0.00	40.68 2.11 -0.17	46.89 2.58 0.00	49.57 2.59 0.00	49.37 2.92 0.00	67.15 2.47 -26.60	93.88 2.15 -62.35	39.37 2.26 -11.15	38.98 2.38 -10.14	67.92 2.18 -40.66	29.35 1.63 -7.81	26.82 1.72 -3.06	27.07 1.77 -0.04	28.57 1.56 -0.23	34.49 1.30 -9.64	29.75 1.43 -2.67
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.94 1.15 0.00	29.25 1.08 0.00	29.96 1.03 0.00	29.23 1.04 0.00	25.80 0.91 0.00	22.78 0.85 0.00	22.65 0.88 1.36	25.66 1.24 0.00	32.52 1.50 0.00	40.50 1.94 -0.16	46.56 2.25 0.00	49.28 2.30 0.00	49.03 2.58 0.00	35.97 2.16 4.27	61.82 1.87 -30.58	38.78 1.96 -10.87	34.37 2.09 -5.81	39.59 1.95 -12.55	28.29 1.47 -6.91	26.52 1.53 -2.94	26.83 1.58 0.01	28.12 1.39 0.04	23.01 1.13 1.68	26.41 1.22 0.45
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.99 1.21 0.00	29.33 1.16 0.00	29.97 1.03 0.00	29.26 1.07 0.00	25.85 0.96 0.00	22.88 0.94 0.00	29.64 0.96 -5.54	27.31 1.21 -1.68	32.45 1.43 0.00	40.50 1.93 -0.17	46.67 2.36 0.00	49.40 2.43 0.00	49.24 2.79 0.00	67.05 2.34 -26.62	93.82 2.08 -62.37	39.34 2.23 -11.15	38.92 2.31 -10.14	68.13 2.10 -40.95	30.83 1.61 -9.31	26.86 1.67 -3.14	27.02 1.72 -0.04	28.55 1.51 -0.26	34.81 1.28 -9.97	29.99 1.39 -2.96
E179THST_13_KV_LOAD 356214	33.17 1.38 0.00	29.48 1.30 0.00	30.10 1.17 0.00	29.39 1.20 0.00	25.96 1.07 0.00	22.98 1.05 0.00	29.76 1.08 -5.54	27.44 1.34 -1.68	32.63 1.60 0.00	40.73 2.16 -0.17	46.94 2.63 0.00	49.69 2.72 0.00	49.52 3.08 0.00	67.28 2.58 -26.62	94.01 2.27 -62.37	39.50 2.40 -11.15	39.09 2.49 -10.14	68.30 2.27 -40.95	30.97 1.74 -9.31	27.00 1.81 -3.14	27.18 1.88 -0.04	28.71 1.67 -0.26	34.95 1.42 -9.97	30.14 1.54 -2.96
EAST HAMPTON___GT 23717	36.17 3.77 -0.61	33.13 3.77 -1.18	32.61 3.67 0.00	31.77 3.57 0.00	27.96 3.07 0.00	24.65 2.71 0.00	31.43 2.81 -5.49	29.15 3.07 -1.66	34.91 3.89 0.00	43.93 5.36 -0.17	50.57 6.26 0.00	53.16 6.19 0.00	53.42 6.97 0.00	70.61 5.91 -26.60	101.92 4.00 -68.55	98.97 4.38 -68.64	154.73 4.56 -123.70	83.24 4.46 -53.70	343.18 3.41 -319.86	67.32 3.77 -41.50	31.61 4.15 -2.21	32.72 4.06 -1.89	63.38 3.51 -36.32	44.23 3.73 -14.86
EAST RIVER___6 23660	33.16 1.37 0.00	29.42 1.24 0.00	30.10 1.16 0.00	29.37 1.18 0.00	25.91 1.02 0.00	22.94 1.00 0.00	29.73 1.05 -5.54	27.46 1.36 -1.68	32.68 1.65 0.00	40.84 2.28 -0.17	47.11 2.80 0.00	49.76 2.78 0.00	49.61 3.16 0.00	67.38 2.66 -26.63	94.09 2.34 -62.38	39.54 2.43 -11.15	39.15 2.54 -10.14	68.34 2.32 -40.94	30.85 1.71 -9.23	26.98 1.80 -3.14	27.16 1.86 -0.04	28.68 1.64 -0.26	34.89 1.38 -9.95	30.08 1.50 -2.94

EAST RIVER___7 23524	33.16 1.37 0.00	29.42 1.24 0.00	30.10 1.16 0.00	29.37 1.18 0.00	25.91 1.02 0.00	22.94 1.00 0.00	29.73 1.05 -5.54	27.46 1.36 -1.68	32.68 1.65 0.00	40.84 2.28 -0.17	47.11 2.80 0.00	49.76 2.78 0.00	49.61 3.16 0.00	67.38 2.66 -26.63	94.09 2.34 -62.38	39.54 2.43 -11.15	39.15 2.54 -10.14	68.34 2.32 -40.94	30.85 1.71 -9.23	26.98 1.80 -3.14	27.16 1.86 -0.04	28.68 1.64 -0.26	34.89 1.38 -9.95	30.08 1.50 -2.94
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.05 1.27 0.00	29.35 1.17 0.00	30.05 1.12 0.00	29.33 1.13 0.00	25.88 0.99 0.00	22.88 0.95 0.00	30.01 0.97 -5.91	27.43 1.23 -1.79	32.49 1.47 0.00	40.57 2.01 -0.17	46.76 2.45 0.00	49.45 2.47 0.00	49.24 2.79 0.00	68.72 2.36 -28.28	95.38 2.07 -63.94	39.26 2.18 -11.12	39.26 2.29 -10.51	70.06 2.10 -42.87	28.56 1.58 -7.07	26.72 1.66 -3.01	27.00 1.70 -0.04	28.49 1.49 -0.22	34.51 1.24 -9.71	29.59 1.35 -2.60
EAST_HAMPTON___DIESEL 23722	36.18 3.78 -0.61	33.13 3.77 -1.18	32.61 3.67 0.00	31.77 3.57 0.00	27.96 3.07 0.00	24.65 2.72 0.00	31.43 2.81 -5.49	29.15 3.07 -1.66	34.92 3.89 0.00	43.94 5.37 -0.17	50.58 6.27 0.00	53.18 6.21 0.00	53.42 6.97 0.00	70.62 5.93 -26.60	101.93 4.02 -68.55	98.99 4.39 -68.64	154.74 4.58 -123.70	83.26 4.47 -53.70	343.19 3.41 -319.86	67.32 3.77 -41.50	31.61 4.15 -2.21	32.73 4.07 -1.89	63.38 3.51 -36.32	44.24 3.74 -14.86
EAST_PULASKI___ESR 323781	31.43 -0.36 0.00	27.72 -0.45 0.00	28.40 -0.53 0.00	27.63 -0.57 0.00	24.43 -0.45 0.00	21.57 -0.36 0.00	22.73 -0.40 0.00	23.98 -0.44 0.00	30.61 -0.41 0.00	37.80 -0.80 -0.20	49.20 -0.58 -5.47	51.97 -0.65 -5.63	51.75 -0.79 -6.10	40.87 -0.73 -3.51	32.15 -0.41 -3.18	24.73 -0.38 0.84	23.53 -0.48 2.45	22.82 -0.49 1.78	19.06 -0.29 0.57	22.13 -0.17 -0.26	25.08 -0.17 0.00	27.10 -0.11 -0.44	23.26 -0.29 0.00	25.24 -0.41 0.00
EAST_RIVER___1 323558	33.10 1.32 0.00	29.39 1.21 0.00	30.06 1.13 0.00	29.35 1.15 0.00	25.91 1.01 0.00	22.91 0.98 0.00	29.70 1.03 -5.54	27.41 1.32 -1.68	32.61 1.59 0.00	40.74 2.18 -0.17	46.98 2.67 0.00	49.64 2.66 0.00	49.47 3.03 0.00	67.27 2.55 -26.63	94.00 2.25 -62.38	39.46 2.35 -11.15	39.07 2.46 -10.14	68.27 2.24 -40.94	30.81 1.66 -9.23	26.94 1.75 -3.14	27.10 1.80 -0.04	28.63 1.59 -0.26	34.85 1.34 -9.95	30.05 1.46 -2.94
EAST_RIVER___2 323559	33.16 1.37 0.00	29.42 1.24 0.00	30.10 1.16 0.00	29.37 1.18 0.00	25.91 1.02 0.00	22.94 1.00 0.00	29.73 1.05 -5.54	27.46 1.36 -1.68	32.68 1.65 0.00	40.84 2.28 -0.17	47.11 2.80 0.00	49.76 2.78 0.00	49.61 3.16 0.00	67.38 2.66 -26.63	94.09 2.34 -62.38	39.54 2.43 -11.15	39.15 2.54 -10.14	68.34 2.32 -40.94	30.85 1.71 -9.23	26.98 1.80 -3.14	27.16 1.86 -0.04	28.68 1.64 -0.26	34.89 1.38 -9.95	30.08 1.50 -2.94
EAST___DELAWARE_HYD 23607	32.16 0.38 0.00	28.67 0.49 0.00	29.38 0.45 0.00	28.66 0.46 0.00	25.29 0.40 0.00	22.20 0.27 0.00	22.21 0.27 1.19	24.64 0.52 0.30	31.61 0.59 0.00	39.51 0.95 -0.16	45.94 1.63 0.00	48.71 1.73 0.00	48.48 2.03 0.00	36.60 1.72 3.20	60.86 1.55 -29.94	37.94 1.64 -10.34	33.74 1.74 -5.53	38.74 1.70 -11.96	27.73 1.25 -6.57	26.14 1.29 -2.80	26.53 1.28 0.01	27.83 1.09 0.04	22.75 0.84 1.65	26.07 0.86 0.44
EIGHT_POINT___WT_PWR 323820	32.31 0.52 0.00	28.29 0.11 0.00	29.01 0.07 0.00	27.95 -0.24 0.00	24.57 -0.32 0.00	21.71 -0.23 0.00	22.54 -0.60 0.00	23.86 -0.56 0.00	30.96 -0.06 0.00	38.21 -0.23 -0.04	44.02 -0.29 0.00	47.43 0.45 0.00	46.73 0.28 0.00	37.71 -0.42 -0.05	37.42 -0.45 -8.50	28.56 -0.03 -2.64	27.98 0.10 -1.41	28.73 0.49 -3.16	22.04 0.45 -1.68	23.40 0.64 -0.71	26.08 0.82 0.00	27.97 1.20 0.00	24.39 0.83 0.00	26.39 0.74 0.00
ELBRIDGE_115KV_TB2 80188	31.62 -0.17 0.00	27.96 -0.22 0.00	28.68 -0.26 0.00	27.89 -0.30 0.00	24.62 -0.27 0.00	21.73 -0.21 0.00	22.87 -0.26 0.00	24.16 -0.27 0.00	30.77 -0.26 0.00	38.17 -0.32 -0.09	47.21 -0.26 -3.16	50.44 -0.18 -3.65	50.16 -0.23 -3.94	40.17 -0.20 -2.29	33.96 -0.04 -4.63	27.55 0.12 -1.48	27.45 0.12 -0.86	26.98 0.12 -1.77	20.93 0.12 -0.90	22.55 0.12 -0.38	25.41 0.16 0.00	27.17 0.11 -0.28	23.54 -0.01 0.00	25.53 -0.11 0.00
ELEC_TRO_TEK 24086	34.18 1.78 -0.61	31.01 1.66 -1.18	30.49 1.55 0.00	29.73 1.53 0.00	26.22 1.33 0.00	23.20 1.26 0.00	29.88 1.25 -5.49	27.58 1.50 -1.66	32.87 1.85 0.00	41.05 2.48 -0.17	47.29 2.98 0.00	49.91 2.93 0.00	49.79 3.34 0.00	67.65 2.96 -26.60	100.36 2.45 -68.53	97.15 2.56 -68.63	132.62 2.65 -103.51	81.23 2.44 -53.70	207.40 1.86 -185.62	30.66 2.02 -6.59	27.78 2.11 -0.42	30.36 1.94 -1.65	52.36 1.60 -27.20	42.32 1.82 -14.86
ELLENBURG_WT_PWR 323604	31.97 0.19 0.00	28.21 0.03 0.00	28.96 0.02 0.00	28.19 -0.01 0.00	24.84 -0.04 0.00	21.79 -0.14 0.00	22.99 -0.10 0.00	24.32 -0.10 0.00	30.96 -0.07 0.00	37.83 -0.57 0.00	43.26 -1.05 0.00	46.15 -0.83 0.00	45.62 -0.83 0.00	37.25 -0.84 0.00	28.65 -0.72 0.00	-1.38 -0.98 26.36	-17.71 -0.80 43.37	-18.13 -0.85 42.36	2.90 -0.72 16.29	21.29 -0.76 0.00	24.97 -0.29 0.00	26.80 0.02 0.00	23.25 -0.30 0.00	25.08 -0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.37 0.58 0.00	28.17 -0.01 0.00	28.73 -0.21 0.00	27.83 -0.36 0.00	24.55 -0.34 0.00	21.82 -0.12 0.00	22.96 -0.17 0.00	24.03 -0.38 0.00	30.91 -0.12 0.00	38.16 -0.27 -0.03	44.09 -0.22 0.00	46.92 -0.05 0.00	45.97 -0.48 0.00	37.58 -0.54 -0.04	36.06 -0.13 -6.82	28.26 0.19 -2.11	27.82 0.22 -1.13	27.88 0.26 -2.53	21.40 0.14 -1.34	22.91 0.29 -0.57	25.88 0.63 0.00	27.67 0.89 0.00	24.27 0.72 0.00	26.43 0.78 0.00
EMPIRE_CC_1 323656	32.71 0.92 0.00	29.16 0.99 0.00	29.94 1.01 0.00	29.22 1.03 0.00	25.78 0.89 0.00	22.70 0.77 0.00	25.18 0.66 -1.39	25.56 0.71 -0.43	31.97 0.95 0.00	39.90 1.26 -0.25	45.60 1.30 0.00	48.24 1.26 0.00	47.85 1.40 0.00	46.84 1.25 -7.50	93.08 1.09 -62.62	44.19 1.05 -17.19	38.04 1.14 -10.44	55.12 0.97 -29.07	31.65 0.81 -10.92	27.57 0.86 -4.65	26.22 0.95 -0.02	27.63 0.78 -0.08	27.55 0.59 -3.40	27.31 0.76 -0.91
EMPIRE_CC_2 323658	32.71 0.92 0.00	29.16 0.99 0.00	29.94 1.01 0.00	29.22 1.03 0.00	25.78 0.89 0.00	22.70 0.77 0.00	25.18 0.66 -1.39	25.56 0.71 -0.43	31.97 0.95 0.00	39.90 1.26 -0.25	45.60 1.30 0.00	48.24 1.26 0.00	47.85 1.40 0.00	46.84 1.25 -7.50	93.08 1.09 -62.62	44.19 1.05 -17.19	38.04 1.14 -10.44	55.12 0.97 -29.07	31.65 0.81 -10.92	27.57 0.86 -4.65	26.22 0.95 -0.02	27.63 0.78 -0.08	27.55 0.59 -3.40	27.31 0.76 -0.91
ENORWICH_115KV_TB1 80156	33.90 2.11 0.00	29.73 1.56 0.00	30.53 1.60 0.00	29.70 1.51 0.00	26.24 1.35 0.00	23.24 1.31 0.00	24.58 1.44 0.00	26.09 1.67 0.00	33.45 2.42 0.00	41.34 2.85 -0.10	48.73 3.27 -1.16	52.02 3.70 -1.34	51.67 3.78 -1.45	41.69 2.69 -0.91	47.08 2.27 -15.44	32.76 2.00 -4.80	30.99 1.94 -2.60	32.80 1.96 -5.75	24.46 1.51 -3.04	25.19 1.85 -1.29	27.77 2.52 0.00	29.51 2.63 -0.10	25.63 2.08 0.00	27.62 1.97 0.00

ERIE_ST__34_KV_TB1-2 80199	32.66 0.87 0.00	28.41 0.23 0.00	28.97 0.04 0.00	28.07 -0.13 0.00	24.75 -0.13 0.00	21.99 0.06 0.00	23.17 0.04 0.00	24.32 -0.10 0.00	31.33 0.30 0.00	38.73 0.30 -0.03	44.69 0.38 0.00	47.55 0.58 0.00	46.58 0.13 0.00	38.10 -0.03 -0.04	36.72 0.30 -7.06	28.68 0.53 -2.19	28.18 0.55 -1.17	28.30 0.60 -2.62	21.71 0.40 -1.39	23.21 0.57 -0.59	26.19 0.93 0.00	27.95 1.18 0.00	24.51 0.95 0.00	26.64 1.00 0.00
ERIE_WT_PWR 323693	32.55 0.76 0.00	28.31 0.14 0.00	28.88 -0.06 0.00	27.97 -0.23 0.00	24.66 -0.22 0.00	21.92 -0.01 0.00	23.07 -0.06 0.00	24.17 -0.25 0.00	31.11 0.08 0.00	38.36 -0.07 -0.03	44.34 0.03 0.00	47.26 0.28 0.00	46.24 -0.20 0.00	37.78 -0.35 -0.04	36.40 0.06 -6.97	28.47 0.36 -2.16	28.01 0.39 -1.16	28.10 0.43 -2.59	21.57 0.28 -1.37	23.08 0.44 -0.59	26.06 0.81 0.00	27.85 1.08 0.00	24.42 0.86 0.00	26.56 0.91 0.00
ESPRGFLD_115KV_TB1 80157	33.48 1.69 0.00	29.55 1.37 0.00	30.29 1.35 0.00	29.50 1.30 0.00	26.04 1.15 0.00	22.92 0.99 0.00	24.31 1.18 0.00	25.72 1.30 0.00	32.82 1.80 0.00	40.95 2.21 -0.34	46.85 2.54 0.00	49.60 2.63 0.00	49.05 2.60 -0.01	40.66 2.14 -0.43	110.04 1.81 -78.85	52.07 1.66 -24.45	41.28 1.73 -13.08	56.42 1.61 -29.72	36.74 1.28 -15.54	30.09 1.43 -6.62	26.86 1.60 0.00	28.65 1.85 -0.03	26.38 1.60 -1.23	27.63 1.66 -0.33
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.44 0.65 0.00	28.61 0.44 0.00	29.35 0.41 0.00	28.53 0.33 0.00	25.19 0.30 0.00	22.26 0.32 0.00	23.47 0.34 0.00	24.83 0.41 0.00	31.67 0.65 0.00	39.19 0.71 -0.08	46.88 0.98 -1.60	49.99 1.17 -1.85	49.51 1.07 -2.00	40.07 0.79 -1.20	39.59 0.79 -9.43	29.69 0.79 -2.95	28.89 0.81 -1.61	29.44 0.83 -3.53	22.45 0.69 -1.85	23.66 0.83 -0.79	26.25 0.99 0.00	27.90 0.98 -0.14	24.27 0.71 0.00	26.27 0.63 0.00
ETNA____115KV_TB2 80207	32.44 0.65 0.00	28.61 0.44 0.00	29.35 0.41 0.00	28.53 0.33 0.00	25.19 0.30 0.00	22.26 0.32 0.00	23.47 0.34 0.00	24.83 0.41 0.00	31.67 0.65 0.00	39.19 0.71 -0.08	46.88 0.98 -1.60	49.99 1.17 -1.85	49.51 1.07 -2.00	40.07 0.79 -1.20	39.59 0.79 -9.43	29.69 0.79 -2.95	28.89 0.81 -1.61	29.44 0.83 -3.53	22.45 0.69 -1.85	23.66 0.83 -0.79	26.25 0.99 0.00	27.90 0.98 -0.14	24.27 0.71 0.00	26.27 0.63 0.00
EUCLID____115KV_TB2 356179	31.36 -0.43 0.00	27.69 -0.49 0.00	28.39 -0.55 0.00	27.63 -0.57 0.00	24.40 -0.49 0.00	21.54 -0.39 0.00	22.64 -0.49 0.00	23.90 -0.52 0.00	30.46 -0.57 0.00	37.75 -0.69 -0.04	44.78 -0.69 -1.16	47.66 -0.67 -1.36	47.25 -0.66 -1.47	38.38 -0.56 -0.86	32.72 -0.31 -3.66	26.95 -0.16 -1.15	26.92 -0.18 -0.64	26.30 -0.16 -1.38	20.54 -0.09 -0.72	22.29 -0.07 -0.31	25.17 -0.08 0.00	26.73 -0.15 -0.10	23.33 -0.23 0.00	25.32 -0.32 0.00
E_CANADA_CAP_HY 24051	34.07 2.28 0.00	30.05 1.88 0.00	30.81 1.87 0.00	29.99 1.80 0.00	26.48 1.60 0.00	23.33 1.40 0.00	25.55 1.66 -0.76	26.40 1.75 -0.23	33.32 2.30 0.00	41.68 2.86 -0.42	47.55 3.24 0.00	50.22 3.24 0.00	49.64 3.19 -0.01	45.39 2.70 -4.61	133.21 2.25 -101.59	58.22 2.02 -30.24	44.76 2.11 -16.18	63.90 1.96 -36.86	40.71 1.58 -19.22	31.96 1.73 -8.19	27.18 1.92 -0.01	29.03 2.22 -0.04	27.30 1.93 -1.81	28.19 2.06 -0.49
E_CANADA_MHWK_HY 24050	31.86 0.08 0.00	28.21 0.04 0.00	28.97 0.03 0.00	28.26 0.07 0.00	24.96 0.07 0.00	22.10 0.16 0.00	23.24 0.10 0.00	24.63 0.21 0.00	31.17 0.15 0.00	38.90 0.51 0.00	44.89 0.59 0.00	47.45 0.48 0.00	47.10 0.66 0.00	38.62 0.53 0.00	29.68 0.31 0.00	28.46 0.86 -1.64	29.96 0.81 -2.69	28.43 0.72 -2.63	21.29 0.36 -1.01	22.40 0.35 0.00	25.67 0.42 0.00	27.06 0.29 0.00	23.56 0.01 0.00	25.49 -0.15 0.00
E_FISHKILL____LBMP 23776	32.92 1.13 0.00	29.26 1.08 0.00	29.98 1.05 0.00	29.26 1.06 0.00	25.82 0.94 0.00	22.80 0.86 0.00	25.98 0.88 -1.97	26.12 1.10 -0.60	32.32 1.29 0.00	40.34 1.77 -0.17	46.47 2.16 0.00	49.14 2.16 0.00	48.90 2.45 0.00	50.64 2.07 -10.49	78.34 1.82 -47.15	39.31 1.92 -11.43	36.32 2.03 -7.84	52.63 1.86 -25.69	28.57 1.39 -7.27	26.61 1.47 -3.10	26.79 1.51 -0.03	28.25 1.31 -0.16	31.83 1.08 -7.20	28.76 1.19 -1.92
FALCON____SEABRD_CC1 323796	32.23 0.44 0.00	28.42 0.24 0.00	29.18 0.24 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.88 -0.05 0.00	23.05 -0.08 0.00	24.37 -0.05 0.00	31.01 -0.01 0.00	37.86 -0.54 0.00	43.27 -1.04 0.00	46.13 -0.85 0.00	45.65 -0.80 0.00	37.28 -0.81 0.00	28.71 -0.66 0.00	-1.23 -0.88 26.30	-17.44 -0.63 43.28	-17.82 -0.64 42.27	3.07 -0.59 16.25	21.45 -0.60 0.00	25.24 -0.01 0.00	27.12 0.34 0.00	23.54 -0.01 0.00	25.32 -0.32 0.00
FALCON____SEABRD_CC2 323797	32.23 0.44 0.00	28.42 0.24 0.00	29.18 0.24 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.88 -0.05 0.00	23.05 -0.08 0.00	24.37 -0.05 0.00	31.01 -0.01 0.00	37.86 -0.54 0.00	43.27 -1.04 0.00	46.13 -0.85 0.00	45.65 -0.80 0.00	37.28 -0.81 0.00	28.71 -0.66 0.00	-1.23 -0.88 26.30	-17.44 -0.63 43.28	-17.82 -0.64 42.27	3.07 -0.59 16.25	21.45 -0.60 0.00	25.24 -0.01 0.00	27.12 0.34 0.00	23.54 -0.01 0.00	25.32 -0.32 0.00
FAR ROCKAWAY____4 23548	34.74 2.34 -0.61	31.42 2.06 -1.18	30.86 1.92 0.00	30.08 1.88 0.00	26.53 1.64 0.00	23.53 1.60 0.00	30.22 1.60 -5.49	27.96 1.88 -1.66	33.37 2.34 0.00	41.64 3.07 -0.17	47.31 3.00 0.00	49.98 3.01 0.00	49.87 3.42 0.00	67.74 3.05 -26.60	100.42 2.51 -68.53	97.22 2.64 -68.63	132.70 2.73 -103.51	81.47 2.69 -53.70	207.62 2.08 -185.62	30.75 2.11 -6.59	27.86 2.18 -0.42	30.43 2.00 -1.65	52.59 1.84 -27.20	42.57 2.07 -14.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.13 1.34 0.00	29.40 1.22 0.00	30.08 1.15 0.00	29.37 1.17 0.00	25.92 1.03 0.00	22.93 1.00 0.00	29.72 1.05 -5.54	27.44 1.34 -1.68	32.63 1.61 0.00	40.76 2.19 -0.17	47.00 2.69 0.00	49.66 2.69 0.00	49.49 3.04 0.00	67.27 2.56 -26.63	94.01 2.25 -62.38	39.47 2.36 -11.15	39.08 2.48 -10.14	68.27 2.25 -40.94	30.83 1.67 -9.24	26.96 1.77 -3.14	27.12 1.82 -0.04	28.65 1.61 -0.26	34.87 1.36 -9.96	30.07 1.48 -2.94
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.14 1.35 0.00	29.42 1.24 0.00	30.10 1.17 0.00	29.38 1.19 0.00	25.93 1.05 0.00	22.95 1.01 0.00	29.74 1.06 -5.54	27.45 1.35 -1.68	32.65 1.62 0.00	40.78 2.22 -0.17	47.02 2.71 0.00	49.68 2.71 0.00	49.51 3.06 0.00	67.30 2.59 -26.63	94.03 2.27 -62.38	39.49 2.38 -11.15	39.10 2.49 -10.14	68.29 2.27 -40.94	30.85 1.69 -9.24	26.97 1.78 -3.14	27.14 1.84 -0.04	28.66 1.63 -0.26	34.89 1.38 -9.96	30.09 1.50 -2.94
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.10 1.32 0.00	29.39 1.21 0.00	30.06 1.13 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.93 0.99 0.00	29.71 1.04 -5.54	27.42 1.33 -1.68	32.62 1.59 0.00	40.75 2.18 -0.17	46.98 2.67 0.00	49.64 2.66 0.00	49.46 3.01 0.00	67.26 2.54 -26.63	93.99 2.24 -62.38	39.46 2.35 -11.15	39.06 2.46 -10.14	68.27 2.24 -40.94	30.82 1.66 -9.24	26.94 1.75 -3.14	27.10 1.80 -0.04	28.62 1.59 -0.26	34.85 1.34 -9.96	30.05 1.46 -2.94

FARRAGUT___LBMP 323566	33.08 1.29 0.00	29.36 1.19 0.00	30.05 1.11 0.00	29.33 1.13 0.00	25.89 1.00 0.00	22.91 0.97 0.00	29.68 1.01 -5.54	27.39 1.29 -1.68	32.58 1.55 0.00	40.68 2.12 -0.17	46.91 2.61 0.00	49.57 2.60 0.00	49.41 2.96 0.00	67.20 2.48 -26.63	93.95 2.19 -62.38	39.41 2.31 -11.15	39.03 2.43 -10.14	68.22 2.20 -40.94	30.79 1.64 -9.24	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.57 -0.26	34.83 1.32 -9.96	30.02 1.44 -2.94
FENNER___WINDPWR 24204	32.33 0.54 0.00	28.50 0.33 0.00	29.24 0.30 0.00	28.46 0.27 0.00	25.13 0.24 0.00	22.24 0.30 0.00	23.50 0.36 0.00	24.84 0.42 0.00	31.70 0.68 0.00	39.29 0.84 -0.05	46.59 1.08 -1.21	49.56 1.19 -1.40	49.13 1.17 -1.52	39.92 0.94 -0.90	34.93 0.76 -4.80	28.20 0.75 -1.50	28.01 0.72 -0.83	27.50 0.62 -1.80	21.36 0.51 -0.94	23.17 0.73 -0.40	26.18 0.92 0.00	27.75 0.86 -0.11	24.16 0.60 0.00	26.21 0.57 0.00
FIBERTEK___ENERGY 23856	31.75 -0.04 0.00	28.07 -0.10 0.00	28.78 -0.16 0.00	28.00 -0.20 0.00	24.72 -0.17 0.00	21.81 -0.13 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.89 -0.14 0.00	38.32 -0.16 -0.09	47.18 -0.07 -2.94	50.38 0.02 -3.39	50.12 0.00 -3.67	40.20 -0.01 -2.13	33.85 0.11 -4.37	27.58 0.23 -1.40	27.50 0.22 -0.81	27.00 0.24 -1.68	20.98 0.21 -0.85	22.65 0.25 -0.36	25.53 0.28 0.00	27.25 0.21 -0.26	23.62 0.07 0.00	25.62 -0.02 0.00
FITZPATRICK____ 23598	30.85 -0.94 0.00	27.27 -0.91 0.00	27.97 -0.97 0.00	27.24 -0.96 0.00	24.04 -0.84 0.00	21.22 -0.71 0.00	22.34 -0.79 0.00	23.57 -0.85 0.00	30.00 -1.02 0.00	36.74 -1.25 0.41	24.92 -1.38 18.00	24.73 -1.42 20.83	22.49 -1.41 22.54	23.97 -1.17 12.94	28.12 -0.82 0.43	24.94 -0.64 0.38	25.17 -0.67 0.62	23.97 -0.63 0.49	19.44 -0.48 0.00	21.55 -0.50 0.00	24.69 -0.56 0.00	24.51 -0.64 1.62	22.92 -0.63 0.00	24.90 -0.74 0.00
FLOWRFLD_69_KV_BK1 356044	34.91 2.51 -0.61	31.79 2.43 -1.18	31.27 2.33 0.00	30.45 2.25 0.00	26.86 1.97 0.00	23.70 1.76 0.00	30.38 1.18 -5.49	28.07 1.98 -1.66	33.51 2.49 0.00	41.93 3.37 -0.17	48.25 3.94 0.00	50.75 3.77 0.00	50.86 4.41 0.00	68.65 3.96 -26.60	101.10 3.17 -68.55	97.85 3.25 -68.64	160.12 3.30 -130.36	81.88 3.09 -53.70	386.44 2.45 -364.08	77.69 2.65 -53.00	30.87 2.82 -2.80	31.47 2.73 -1.97	65.22 2.34 -39.32	43.08 2.58 -14.86
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.37 1.58 0.00	29.62 1.44 0.00	30.33 1.39 0.00	29.60 1.40 0.00	26.12 1.23 0.00	23.07 1.13 0.00	24.32 1.18 0.00	26.20 1.50 -0.28	32.87 1.85 0.00	40.99 2.43 -0.17	47.21 2.90 0.00	49.95 2.97 0.00	49.69 3.24 0.00	45.04 2.73 -4.23	72.15 2.31 -40.47	39.63 2.37 -11.31	35.01 2.50 -6.05	41.71 2.33 -14.29	28.86 1.76 -7.19	26.95 1.84 -3.06	27.19 1.93 -0.01	28.58 1.74 -0.06	27.60 1.42 -2.63	27.89 1.54 -0.70
FORT ORANGE____ 23900	32.66 0.87 0.00	29.10 0.93 0.00	29.89 0.96 0.00	29.16 0.97 0.00	25.74 0.85 0.00	22.68 0.75 0.00	24.94 0.69 -1.11	25.57 0.80 -0.35	31.98 0.95 0.00	40.03 1.31 -0.33	45.77 1.46 0.00	48.39 1.42 0.00	47.93 1.48 0.00	45.61 1.21 -6.31	111.09 0.83 -80.88	50.08 0.88 -23.25	40.80 0.88 -13.46	60.74 0.82 -34.83	35.34 0.65 -14.78	29.04 0.70 -6.30	26.05 0.79 -0.01	27.39 0.56 -0.06	26.56 0.38 -2.62	26.78 0.44 -0.70
FORT_DRUM_COGEN 23780	32.18 0.40 0.00	28.24 0.07 0.00	28.86 -0.08 0.00	28.13 -0.07 0.00	24.96 0.07 0.00	22.08 0.14 0.00	23.41 0.28 0.00	24.64 0.22 0.00	31.60 0.58 0.00	39.13 0.69 -0.04	47.21 0.50 -2.41	50.09 0.17 -2.94	49.40 -0.23 -3.18	39.33 -0.58 -1.83	29.15 -0.28 -0.06	19.27 -0.58 6.10	15.63 -0.79 10.04	14.29 -0.97 9.83	15.60 -0.50 3.81	21.97 -0.08 0.00	25.31 0.05 0.00	27.39 0.38 -0.23	23.50 -0.06 0.00	25.47 -0.17 0.00
FPL_FAR_ROCK_GT1 24212	34.74 2.33 -0.62	31.42 2.06 -1.18	30.86 1.93 0.00	30.08 1.88 0.00	26.53 1.64 0.00	23.53 1.60 0.00	30.22 1.60 -5.49	27.96 1.88 -1.66	33.37 2.35 0.00	41.64 3.08 -0.17	47.32 3.01 0.00	49.98 3.00 0.00	49.87 3.43 0.00	67.74 3.06 -26.60	100.42 2.51 -68.53	97.22 2.64 -68.63	132.70 2.73 -103.51	81.47 2.69 -53.70	207.61 2.08 -185.62	30.75 2.11 -6.59	27.86 2.18 -0.42	30.43 2.00 -1.65	52.60 1.84 -27.20	42.58 2.07 -14.86
FPL_FAR_ROCK_GT2 23815	34.74 2.33 -0.62	31.42 2.06 -1.18	30.86 1.93 0.00	30.08 1.88 0.00	26.53 1.64 0.00	23.53 1.60 0.00	30.22 1.60 -5.49	27.96 1.88 -1.66	33.37 2.35 0.00	41.64 3.08 -0.17	47.32 3.01 0.00	49.98 3.00 0.00	49.87 3.43 0.00	67.74 3.06 -26.60	100.42 2.51 -68.53	97.22 2.64 -68.63	132.70 2.73 -103.51	81.47 2.69 -53.70	207.61 2.08 -185.62	30.75 2.11 -6.59	27.86 2.18 -0.42	30.43 2.00 -1.65	52.60 1.84 -27.20	42.58 2.07 -14.86
FRANKLIN_FALL_HYD 24054	32.26 0.47 0.00	28.42 0.24 0.00	29.17 0.23 0.00	28.41 0.21 0.00	25.06 0.18 0.00	22.03 0.09 0.00	23.32 0.18 0.00	24.66 0.24 0.00	31.41 0.39 0.00	38.51 0.11 0.00	44.02 -0.29 0.00	46.91 -0.07 0.00	46.26 -0.19 0.00	37.75 -0.33 0.00	29.02 -0.36 0.00	0.37 -0.78 24.80	-15.03 -0.69 40.80	-15.49 -0.71 39.86	4.01 -0.58 15.33	21.48 -0.57 0.00	25.05 -0.20 0.00	26.98 0.21 0.00	23.52 -0.03 0.00	25.44 -0.21 0.00
FREEPORT_EQUS_GT1 23764	34.46 2.06 -0.61	31.27 1.92 -1.18	30.75 1.82 0.00	29.97 1.77 0.00	26.42 1.53 0.00	23.40 1.47 0.00	30.08 1.45 -5.49	27.79 1.71 -1.66	33.13 2.10 0.00	41.24 2.68 -0.17	47.39 3.09 0.00	49.99 3.01 0.00	49.91 3.46 0.00	67.82 3.13 -26.60	100.46 2.56 -68.53	97.28 2.69 -68.63	132.75 2.77 -103.51	81.36 2.58 -53.70	207.57 2.03 -185.62	30.86 2.22 -6.59	28.10 2.42 -0.42	30.69 2.27 -1.65	52.55 1.80 -27.20	42.53 2.03 -14.86
FREEPORT___CT2 23818	34.46 2.06 -0.61	31.27 1.92 -1.18	30.75 1.82 0.00	29.97 1.77 0.00	26.42 1.53 0.00	23.40 1.47 0.00	30.08 1.45 -5.49	27.79 1.71 -1.66	33.13 2.10 0.00	41.24 2.68 -0.17	47.39 3.09 0.00	49.99 3.01 0.00	49.91 3.46 0.00	67.82 3.13 -26.60	100.46 2.56 -68.53	97.28 2.69 -68.63	132.75 2.77 -103.51	81.36 2.58 -53.70	207.57 2.03 -185.62	30.86 2.22 -6.59	28.10 2.42 -0.42	30.69 2.27 -1.65	52.55 1.80 -27.20	42.53 2.03 -14.86
FRESHKLS_33_KV_LOAD 356253	32.91 1.13 0.00	29.24 1.06 0.00	29.80 0.87 0.00	29.10 0.90 0.00	25.74 0.85 0.00	22.78 0.84 0.00	26.63 0.85 -2.64	27.26 1.16 -1.68	30.80 1.39 1.62	36.47 1.95 3.88	45.16 2.43 1.58	49.48 2.50 0.00	47.73 2.85 1.57	44.30 2.50 -3.71	68.10 2.16 -36.57	39.37 2.27 -11.15	39.00 2.40 -10.14	68.20 2.17 -40.95	30.94 1.71 -9.31	27.08 1.88 -3.14	27.23 1.94 -0.04	28.76 1.72 -0.26	34.86 1.34 -9.97	30.12 1.51 -2.96
FULTON COGEN____ 23766	31.26 -0.53 0.00	27.61 -0.56 0.00	28.31 -0.63 0.00	27.57 -0.62 0.00	24.35 -0.54 0.00	21.50 -0.44 0.00	22.61 -0.52 0.00	23.87 -0.55 0.00	30.42 -0.61 0.00	37.81 -0.73 -0.15	49.12 -0.73 -5.54	52.59 -0.75 -6.37	52.58 -0.75 -6.89	41.43 -0.63 -3.97	32.52 -0.38 -3.53	26.92 -0.20 -1.17	26.96 -0.25 -0.75	26.29 -0.21 -1.41	20.45 -0.12 -0.67	22.24 -0.09 -0.29	25.12 -0.13 0.00	27.06 -0.21 -0.49	23.27 -0.28 0.00	25.25 -0.39 0.00

FULTON___LFGE 323630	35.47 3.68 0.00	30.90 2.72 0.00	31.58 2.65 0.00	30.75 2.55 0.00	27.17 2.28 0.00	24.30 2.36 0.00	26.73 2.72 -0.88	27.39 2.71 -0.27	34.69 3.67 0.00	43.30 4.44 -0.46	48.99 4.68 0.00	52.10 5.12 0.00	51.36 4.90 -0.01	47.63 4.34 -5.21	142.78 3.29 -110.12	61.98 3.31 -32.72	47.54 3.58 -17.50	68.47 3.47 -39.91	43.47 2.76 -20.79	33.95 3.05 -8.86	28.72 3.46 -0.01	30.43 3.60 -0.05	28.66 3.04 -2.06	29.32 3.13 -0.55
G.F.CEMENT___DRP 24184	34.72 2.93 0.00	30.78 2.61 0.00	31.59 2.65 0.00	30.76 2.56 0.00	27.16 2.27 0.00	23.97 2.03 0.00	26.42 2.16 -1.13	27.10 2.34 -0.34	33.88 2.85 0.00	42.64 3.76 -0.49	48.40 4.10 0.00	51.24 4.26 0.00	50.84 4.38 -0.01	48.27 3.79 -6.40	150.12 2.85 -117.90	63.17 2.45 -34.77	48.38 2.32 -19.60	75.71 2.14 -48.48	43.83 1.82 -22.09	33.58 2.12 -9.41	27.58 2.31 -0.01	29.00 2.16 -0.06	27.93 1.77 -2.61	28.11 1.77 -0.70
GARDENVILLE___LBMP 24039	32.41 0.63 0.00	28.21 0.04 0.00	28.77 -0.16 0.00	27.87 -0.33 0.00	24.57 -0.32 0.00	21.83 -0.11 0.00	22.98 -0.15 0.00	24.08 -0.34 0.00	30.97 -0.05 0.00	38.26 -0.17 -0.03	44.20 -0.11 0.00	47.06 0.08 0.00	46.09 -0.36 0.00	37.66 -0.47 -0.04	36.25 -0.06 -6.94	28.36 0.25 -2.15	27.90 0.28 -1.15	27.99 0.33 -2.58	21.48 0.20 -1.37	22.98 0.35 -0.58	25.94 0.68 0.00	27.73 0.95 0.00	24.31 0.76 0.00	26.46 0.81 0.00
GARDNVLA_35_KV_LD 355827	32.59 0.81 0.00	28.35 0.17 0.00	28.91 -0.02 0.00	28.00 -0.20 0.00	24.69 -0.20 0.00	21.94 0.01 0.00	23.09 -0.04 0.00	24.19 -0.22 0.00	31.14 0.12 0.00	38.45 0.02 -0.03	44.45 0.14 0.00	47.33 0.36 0.00	46.36 -0.09 0.00	37.89 -0.24 -0.04	36.46 0.11 -6.98	28.52 0.39 -2.17	28.05 0.43 -1.16	28.15 0.48 -2.59	21.61 0.31 -1.37	23.11 0.48 -0.59	26.10 0.85 0.00	27.90 1.13 0.00	24.46 0.91 0.00	26.59 0.94 0.00
GELCKHM___115KV_LOAD 80723	31.49 -0.30 0.00	27.82 -0.35 0.00	28.53 -0.41 0.00	27.77 -0.43 0.00	24.52 -0.37 0.00	21.64 -0.30 0.00	22.74 -0.39 0.00	24.02 -0.40 0.00	30.61 -0.42 0.00	37.96 -0.50 -0.06	45.65 -0.47 -1.81	48.65 -0.42 -2.09	48.30 -0.42 -2.27	39.04 -0.36 -1.32	33.14 -0.16 -3.93	27.18 -0.02 -1.24	27.14 -0.03 -0.71	26.57 -0.01 -1.49	20.70 0.02 -0.77	22.42 0.04 -0.33	25.29 0.04 0.00	26.91 -0.03 -0.16	23.43 -0.13 0.00	25.42 -0.22 0.00
GENERAL___MILLS 23808	32.52 0.73 0.00	28.29 0.12 0.00	28.85 -0.08 0.00	27.95 -0.25 0.00	24.64 -0.24 0.00	21.90 -0.04 0.00	23.04 -0.09 0.00	24.15 -0.27 0.00	31.07 0.05 0.00	38.36 -0.07 -0.03	44.33 0.02 0.00	47.20 0.22 0.00	46.23 -0.22 0.00	37.77 -0.35 -0.04	36.37 0.02 -6.97	28.45 0.33 -2.16	27.98 0.36 -1.16	28.08 0.41 -2.59	21.55 0.26 -1.37	23.05 0.42 -0.59	26.03 0.77 0.00	27.82 1.05 0.00	24.40 0.84 0.00	26.53 0.89 0.00
GE_PLASTICS___DRP 24183	32.56 0.77 0.00	29.01 0.84 0.00	29.82 0.88 0.00	29.09 0.89 0.00	25.67 0.78 0.00	22.60 0.67 0.00	24.85 0.61 -1.11	25.47 0.71 -0.34	31.85 0.83 0.00	39.84 1.14 -0.30	45.59 1.28 0.00	48.23 1.25 0.00	47.74 1.29 0.00	45.32 0.99 -6.25	104.26 0.76 -74.13	47.93 0.81 -21.17	39.61 0.81 -12.34	58.11 0.73 -32.30	33.94 0.57 -13.45	28.41 0.63 -5.73	25.95 0.69 -0.01	27.30 0.47 -0.06	26.47 0.33 -2.58	26.73 0.39 -0.69
GILBOA___1 23756	32.56 0.77 0.00	29.11 0.93 0.00	30.07 1.14 0.00	29.34 1.14 0.00	25.88 0.99 0.00	22.60 0.66 0.00	23.68 0.55 0.00	25.08 0.67 0.00	31.82 0.79 0.00	39.64 1.09 -0.15	45.54 1.24 0.00	48.14 1.16 0.00	47.70 1.25 0.00	43.11 1.15 -3.87	67.51 1.02 -37.12	37.40 1.07 -10.37	33.09 1.08 -5.55	39.17 1.06 -13.03	27.33 0.83 -6.59	25.75 0.89 -2.81	26.20 0.94 -0.01	27.61 0.80 -0.03	25.67 0.64 -1.47	26.75 0.71 -0.39
GILBOA___2 23757	32.56 0.77 0.00	29.11 0.93 0.00	30.07 1.14 0.00	29.34 1.14 0.00	25.88 0.99 0.00	22.60 0.66 0.00	23.68 0.55 0.00	25.08 0.67 0.00	31.82 0.79 0.00	39.64 1.09 -0.15	45.54 1.24 0.00	48.14 1.16 0.00	47.70 1.25 0.00	43.11 1.15 -3.87	67.51 1.02 -37.12	37.40 1.07 -10.37	33.09 1.08 -5.55	39.17 1.06 -13.03	27.33 0.83 -6.59	25.75 0.89 -2.81	26.20 0.94 -0.01	27.61 0.80 -0.03	25.67 0.64 -1.47	26.75 0.71 -0.39
GILBOA___3 23758	32.56 0.77 0.00	29.11 0.93 0.00	30.07 1.14 0.00	29.34 1.14 0.00	25.88 0.99 0.00	22.60 0.66 0.00	23.68 0.55 0.00	25.08 0.67 0.00	31.82 0.79 0.00	39.64 1.09 -0.15	45.54 1.24 0.00	48.14 1.16 0.00	47.70 1.25 0.00	43.11 1.15 -3.87	67.51 1.02 -37.12	37.40 1.07 -10.37	33.09 1.08 -5.55	39.17 1.06 -13.03	27.33 0.83 -6.59	25.75 0.89 -2.81	26.20 0.94 -0.01	27.61 0.80 -0.03	25.67 0.64 -1.47	26.75 0.71 -0.39
GILBOA___4 23759	32.56 0.77 0.00	29.11 0.93 0.00	30.07 1.14 0.00	29.34 1.14 0.00	25.88 0.99 0.00	22.60 0.66 0.00	23.68 0.55 0.00	25.08 0.67 0.00	31.82 0.79 0.00	39.64 1.09 -0.15	45.54 1.24 0.00	48.14 1.16 0.00	47.70 1.25 0.00	43.11 1.15 -3.87	67.51 1.02 -37.12	37.40 1.07 -10.37	33.09 1.08 -5.55	39.17 1.06 -13.03	27.33 0.83 -6.59	25.75 0.89 -2.81	26.20 0.94 -0.01	27.61 0.80 -0.03	25.67 0.64 -1.47	26.75 0.71 -0.39
GILBOA___ 23599	32.56 0.77 0.00	29.11 0.93 0.00	30.07 1.14 0.00	29.34 1.14 0.00	25.88 0.98 0.00	22.60 0.66 0.00	23.68 0.55 0.00	25.09 0.67 0.00	31.81 0.79 0.00	39.64 1.09 -0.15	45.54 1.24 0.00	48.14 1.17 0.00	47.70 1.25 0.00	43.11 1.15 -3.87	67.51 1.02 -37.12	37.40 1.07 -10.37	33.09 1.08 -5.55	39.17 1.06 -13.03	27.33 0.83 -6.59	25.75 0.89 -2.81	26.20 0.94 -0.01	27.61 0.80 -0.03	25.67 0.64 -1.47	26.75 0.71 -0.39
GINNA___ 23603	30.70 -1.09 0.00	26.91 -1.27 0.00	27.49 -1.45 0.00	26.71 -1.49 0.00	23.57 -1.32 0.00	20.89 -1.04 0.00	22.01 -1.12 0.00	23.14 -1.28 0.00	29.57 -1.45 0.00	36.63 -1.79 -0.02	42.39 -1.92 0.00	45.22 -1.76 0.00	44.52 -1.93 0.00	36.63 -1.49 -0.03	33.55 -0.92 -5.10	26.88 -0.65 -1.58	26.60 -0.71 -0.85	26.25 -0.73 -1.89	20.32 -0.59 -1.00	21.85 -0.62 -0.43	24.65 -0.60 0.00	26.19 -0.58 0.00	22.91 -0.64 0.00	24.86 -0.78 0.00
GLEN PARK___ 23778	32.36 0.57 0.00	28.37 0.19 0.00	28.99 0.05 0.00	28.25 0.05 0.00	25.06 0.17 0.00	22.19 0.25 0.00	23.54 0.41 0.00	24.76 0.34 0.00	31.79 0.76 0.00	39.33 0.89 -0.04	47.57 0.74 -2.52	50.48 0.43 -3.08	49.70 -0.08 -3.33	39.45 -0.54 -1.91	29.23 -0.20 -0.06	19.67 -0.52 5.77	16.25 -0.71 9.50	14.87 -0.92 9.29	15.88 -0.43 3.60	22.12 0.08 0.00	25.48 0.22 0.00	27.55 0.54 -0.24	23.60 0.05 0.00	25.57 -0.08 0.00
GLENDALE_27_KV_LOAD 356172	33.23 1.44 0.00	29.50 1.33 0.00	30.15 1.21 0.00	29.42 1.23 0.00	25.98 1.10 0.00	23.00 1.06 0.00	29.80 1.13 -5.54	27.54 1.44 -1.68	32.78 1.75 0.00	40.94 2.38 -0.17	47.20 2.89 0.00	49.91 2.94 0.00	49.75 3.30 0.00	67.49 2.78 -26.62	94.17 2.43 -62.37	39.63 2.53 -11.15	39.23 2.63 -10.14	68.41 2.38 -40.95	31.03 1.80 -9.31	27.10 1.91 -3.14	27.27 1.97 -0.04	28.78 1.75 -0.26	35.00 1.48 -9.97	30.21 1.61 -2.96

GLENWOOD_IC_1_G5 23712	34.18 1.78 -0.61	30.98 1.62 -1.18	30.47 1.54 0.00	29.72 1.52 0.00	26.22 1.33 0.00	23.20 1.26 0.00	29.91 1.28 -5.49	27.64 1.55 -1.66	32.92 1.90 0.00	40.88 2.32 -0.17	47.17 2.86 0.00	49.83 2.86 0.00	49.68 3.23 0.00	67.52 2.83 -26.60	100.30 2.39 -68.53	97.09 2.51 -68.63	132.58 2.61 -103.51	81.26 2.48 -53.70	207.41 1.87 -185.62	30.56 1.92 -6.59	27.66 1.99 -0.42	30.21 1.79 -1.65	52.21 1.46 -27.20	42.13 1.63 -14.86
GLENWOOD_IC_2_G1 23688	33.96 1.56 -0.61	30.80 1.44 -1.18	30.30 1.36 0.00	29.56 1.36 0.00	26.08 1.20 0.00	23.07 1.13 0.00	29.77 1.15 -5.49	27.49 1.41 -1.66	32.73 1.71 0.00	40.87 2.30 -0.17	47.11 2.80 0.00	49.76 2.79 0.00	49.60 3.16 0.00	67.41 2.72 -26.60	100.23 2.32 -68.53	97.01 2.43 -68.63	132.50 2.53 -103.51	81.11 2.33 -53.70	207.30 1.76 -185.62	30.51 1.87 -6.59	27.62 1.94 -0.42	30.17 1.75 -1.65	52.20 1.44 -27.20	42.11 1.61 -14.86
GLENWOOD_IC_3_G1 23689	33.96 1.56 -0.61	30.80 1.44 -1.18	30.30 1.36 0.00	29.56 1.36 0.00	26.08 1.20 0.00	23.07 1.13 0.00	29.77 1.15 -5.49	27.49 1.41 -1.66	32.73 1.71 0.00	40.87 2.30 -0.17	47.11 2.80 0.00	49.76 2.79 0.00	49.60 3.16 0.00	67.41 2.72 -26.60	100.23 2.32 -68.53	97.01 2.43 -68.63	132.50 2.53 -103.51	81.11 2.33 -53.70	207.30 1.76 -185.62	30.51 1.87 -6.59	27.62 1.94 -0.42	30.17 1.75 -1.65	52.20 1.44 -27.20	42.11 1.61 -14.86
GLENWOOD___4 23550	34.18 1.78 -0.61	30.98 1.62 -1.18	30.47 1.54 0.00	29.72 1.52 0.00	26.22 1.33 0.00	23.20 1.26 0.00	29.91 1.28 -5.49	27.64 1.55 -1.66	32.93 1.90 0.00	40.98 2.42 -0.17	47.28 2.97 0.00	49.95 2.98 0.00	49.80 3.35 0.00	67.61 2.92 -26.60	100.37 2.46 -68.53	97.16 2.58 -68.63	132.64 2.67 -103.51	81.29 2.51 -53.70	207.44 1.90 -185.62	30.62 1.97 -6.59	27.73 2.06 -0.42	30.29 1.87 -1.65	52.28 1.53 -27.20	42.20 1.69 -14.86
GLENWOOD___5 23614	34.18 1.78 -0.61	30.98 1.62 -1.18	30.47 1.54 0.00	29.72 1.52 0.00	26.22 1.33 0.00	23.20 1.26 0.00	29.91 1.28 -5.49	27.64 1.55 -1.66	32.93 1.90 0.00	40.98 2.42 -0.17	47.28 2.97 0.00	49.95 2.98 0.00	49.80 3.35 0.00	67.61 2.92 -26.60	100.37 2.46 -68.53	97.16 2.58 -68.63	132.64 2.67 -103.51	81.29 2.51 -53.70	207.44 1.90 -185.62	30.62 1.97 -6.59	27.73 2.06 -0.42	30.29 1.87 -1.65	52.28 1.53 -27.20	42.20 1.69 -14.86
GLOBAL GREEN_PORT_GT1 23814	36.07 3.67 -0.61	33.02 3.66 -1.18	32.50 3.56 0.00	31.65 3.46 0.00	27.88 2.99 0.00	24.57 2.64 0.00	31.34 2.72 -5.49	29.07 2.99 -1.66	34.80 3.78 0.00	43.77 5.20 -0.17	50.37 6.06 0.00	52.93 5.95 0.00	53.17 6.72 0.00	70.43 5.74 -26.60	101.51 3.59 -68.55	98.68 4.08 -68.64	154.66 4.49 -123.71	83.16 4.38 -53.70	343.11 3.31 -319.89	67.24 3.69 -41.51	31.51 4.04 -2.21	32.62 3.96 -1.89	63.29 3.42 -36.32	44.15 3.65 -14.86
GLOBE___DSASP 323697	31.88 0.09 0.00	27.74 -0.44 0.00	28.28 -0.65 0.00	27.43 -0.76 0.00	24.20 -0.69 0.00	21.52 -0.42 0.00	22.62 -0.51 0.00	23.48 -0.94 0.00	30.05 -0.98 0.00	37.05 -1.38 -0.03	42.68 -1.63 0.00	45.27 -1.71 0.00	44.32 -2.12 0.00	36.31 -1.81 -0.04	34.70 -1.10 -6.43	27.24 -0.71 -1.99	26.86 -0.67 -1.07	26.85 -0.62 -2.39	20.68 -0.49 -1.27	22.23 -0.36 -0.54	25.15 -0.10 0.00	26.92 0.14 0.00	23.76 0.20 0.00	25.92 0.28 0.00
GOETHSLN___LBMP 323567	32.88 1.10 0.00	29.16 0.99 0.00	29.84 0.90 0.00	29.16 0.96 0.00	25.74 0.85 0.00	22.79 0.85 0.00	26.64 0.87 -2.64	27.26 1.16 -1.68	32.37 1.35 0.00	39.12 1.85 1.13	45.01 2.28 1.58	49.24 2.26 0.00	47.19 2.63 1.88	-30.99 2.21 71.29	66.29 2.00 -34.92	39.25 2.14 -11.15	38.87 2.27 -10.14	68.08 2.05 -40.94	30.68 1.53 -9.24	26.80 1.61 -3.14	26.93 1.63 -0.04	28.44 1.40 -0.26	34.70 1.19 -9.96	29.89 1.31 -2.94
GOLAH___69_KV_TB 1_2 80279	32.62 0.83 0.00	28.41 0.24 0.00	29.02 0.08 0.00	28.19 -0.01 0.00	24.88 -0.01 0.00	22.10 0.16 0.00	23.28 0.15 0.00	24.44 0.02 0.00	31.28 0.26 0.00	38.66 0.23 -0.03	44.73 0.42 0.00	47.77 0.79 0.00	46.89 0.44 0.00	38.52 0.40 -0.03	35.24 0.59 -5.28	28.34 0.75 -1.64	28.10 0.76 -0.88	27.69 0.65 -1.96	21.48 0.52 -1.04	23.10 0.61 -0.44	26.17 0.92 0.00	27.87 1.10 0.00	24.39 0.83 0.00	26.50 0.85 0.00
GOODYEAR_LAKE_HYD 323669	32.93 1.14 0.00	29.17 1.00 0.00	29.95 1.02 0.00	29.17 0.98 0.00	25.74 0.85 0.00	22.65 0.72 0.00	23.92 0.79 0.00	25.36 0.94 0.00	32.32 1.29 0.00	40.23 1.64 -0.19	46.24 1.93 0.00	48.98 2.01 0.00	48.50 2.05 0.00	40.00 1.68 -0.24	73.40 1.43 -42.60	40.56 1.39 -13.21	34.97 1.44 -7.07	42.27 1.37 -15.82	29.37 1.06 -8.39	26.80 1.17 -3.58	26.56 1.31 0.00	28.13 1.36 0.00	24.68 1.13 0.00	26.80 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.12 0.33 0.00	28.34 0.17 0.00	29.08 0.14 0.00	28.24 0.05 0.00	24.93 0.05 0.00	22.02 0.08 0.00	23.21 0.08 0.00	24.57 0.15 0.00	31.37 0.34 0.00	38.91 0.42 -0.08	45.93 0.57 -1.05	48.80 0.60 -1.21	48.36 0.60 -1.31	39.24 0.33 -0.82	43.12 0.46 -13.28	30.69 0.60 -4.13	29.28 0.59 -2.24	30.64 0.61 -4.95	22.92 0.39 -2.61	23.65 0.49 -1.11	25.86 0.61 0.00	27.48 0.62 -0.09	24.01 0.45 0.00	26.03 0.39 0.00
GOUDEY___7 23579	32.15 0.36 0.00	28.36 0.19 0.00	29.10 0.17 0.00	28.26 0.07 0.00	24.96 0.07 0.00	22.04 0.10 0.00	23.23 0.10 0.00	24.59 0.17 0.00	31.41 0.39 0.00	38.95 0.46 -0.08	45.98 0.62 -1.05	48.85 0.66 -1.21	48.41 0.65 -1.31	39.29 0.38 -0.82	43.15 0.50 -13.28	30.72 0.63 -4.13	29.31 0.61 -2.24	30.68 0.65 -4.95	22.94 0.41 -2.61	23.69 0.52 -1.11	25.89 0.64 0.00	27.52 0.65 -0.09	24.03 0.48 0.00	26.05 0.41 0.00
GOUDEY___8 23580	32.12 0.33 0.00	28.34 0.17 0.00	29.08 0.14 0.00	28.24 0.05 0.00	24.93 0.05 0.00	22.02 0.08 0.00	23.21 0.08 0.00	24.57 0.15 0.00	31.37 0.34 0.00	38.91 0.42 -0.08	45.93 0.57 -1.05	48.80 0.60 -1.21	48.36 0.60 -1.31	39.24 0.33 -0.82	43.12 0.46 -13.28	30.69 0.60 -4.13	29.28 0.59 -2.24	30.64 0.61 -4.95	22.92 0.39 -2.61	23.65 0.49 -1.11	25.86 0.61 0.00	27.48 0.62 -0.09	24.01 0.45 0.00	26.03 0.39 0.00
GOWANUS_GT1_1 24077	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT1_2 24078	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96

GOWANUS_GT1_3 24079	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT1_4 24080	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT1_5 24084	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT1_6 24111	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT1_7 24112	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT1_8 24113	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_1 24114	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_2 24115	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_3 24116	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_4 24117	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_5 24118	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_6 24119	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_7 24120	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT2_8 24121	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT3_1 24122	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96

GOWANUS_GT3_2 24123	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT3_3 24124	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT3_4 24125	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT3_5 24126	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT3_6 24127	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT3_7 24128	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT3_8 24129	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_1 24130	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_2 24131	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_3 24132	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_4 24133	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_5 24134	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_6 24135	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_7 24136	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GOWANUS_GT4_8 24137	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96

GREENBSH_115KV_TB3 55895	32.47 0.68 0.00	28.94 0.76 0.00	29.73 0.80 0.00	29.00 0.81 0.00	25.60 0.71 0.00	22.56 0.62 0.00	24.83 0.55 -1.14	25.43 0.65 -0.36	31.78 0.76 0.00	39.80 1.07 -0.34	45.50 1.19 0.00	48.13 1.15 0.00	47.72 1.27 0.00	45.59 1.06 -6.45	112.90 0.84 -82.69	50.61 0.88 -23.77	41.14 0.92 -13.76	61.51 0.82 -35.60	35.67 0.65 -15.11	29.19 0.71 -6.44	26.06 0.79 -0.01	27.37 0.54 -0.06	26.63 0.38 -2.70	26.80 0.44 -0.72
GREENDGE_115KV_TB5 80291	32.27 0.48 0.00	28.41 0.23 0.00	29.06 0.13 0.00	28.16 -0.03 0.00	24.86 -0.03 0.00	22.06 0.12 0.00	23.25 0.11 0.00	24.57 0.15 0.00	31.34 0.32 0.00	38.63 0.17 -0.05	45.37 0.30 -0.75	48.39 0.55 -0.87	47.90 0.51 -0.94	38.89 0.22 -0.58	37.98 0.45 -8.15	29.25 0.75 -2.54	28.64 0.80 -1.38	28.95 0.82 -3.04	22.20 0.68 -1.61	23.51 0.77 -0.68	26.19 0.93 0.00	27.87 1.03 -0.07	24.29 0.74 0.00	26.28 0.64 0.00
GREENIDGE___3 23582	32.27 0.48 0.00	28.41 0.23 0.00	29.06 0.13 0.00	28.16 -0.03 0.00	24.86 -0.03 0.00	22.06 0.12 0.00	23.25 0.11 0.00	24.57 0.15 0.00	31.34 0.32 0.00	38.63 0.17 -0.05	45.37 0.30 -0.75	48.39 0.55 -0.87	47.90 0.51 -0.94	38.89 0.22 -0.58	37.98 0.45 -8.15	29.25 0.75 -2.54	28.64 0.80 -1.38	28.95 0.82 -3.04	22.20 0.68 -1.61	23.51 0.77 -0.68	26.19 0.93 0.00	27.87 1.03 -0.07	24.29 0.74 0.00	26.28 0.64 0.00
GREENIDGE___4 23583	32.27 0.49 0.00	28.41 0.24 0.00	29.07 0.13 0.00	28.16 -0.03 0.00	24.86 -0.03 0.00	22.06 0.12 0.00	23.25 0.12 0.00	24.57 0.15 0.00	31.35 0.32 0.00	38.62 0.17 -0.05	45.37 0.30 -0.75	48.39 0.55 -0.87	47.90 0.51 -0.94	38.89 0.22 -0.58	37.98 0.45 -8.15	29.25 0.75 -2.54	28.63 0.80 -1.38	28.95 0.82 -3.04	22.20 0.68 -1.61	23.50 0.77 -0.68	26.18 0.93 0.00	27.87 1.03 -0.07	24.29 0.74 0.00	26.28 0.63 0.00
GREENLWN_69_KV_BK 3 55738	34.44 2.03 -0.61	31.24 1.89 -1.18	30.71 1.77 0.00	29.92 1.73 0.00	26.39 1.50 0.00	23.35 1.42 0.00	30.01 1.38 -5.49	27.69 1.60 -1.66	33.03 2.01 0.00	41.27 2.71 -0.17	47.51 3.20 0.00	50.04 3.07 0.00	49.99 3.54 0.00	67.90 3.21 -26.60	100.53 2.63 -68.53	97.36 2.77 -68.63	128.35 2.84 -99.05	81.41 2.62 -53.70	177.95 2.07 -155.96	23.14 2.22 1.12	27.60 2.32 -0.03	30.53 2.16 -1.60	50.56 1.82 -25.19	42.58 2.08 -14.86
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
GRISSOM___SOLAR 323813	35.47 3.68 0.00	30.90 2.72 0.00	31.58 2.65 0.00	30.75 2.55 0.00	27.17 2.28 0.00	24.30 2.36 0.00	26.73 2.72 -0.88	27.39 2.71 -0.27	34.69 3.67 0.00	43.30 4.44 -0.46	48.99 4.68 0.00	52.10 5.12 0.00	51.36 4.90 -0.01	47.63 4.34 -5.21	142.78 3.29 -110.12	61.98 3.31 -32.72	47.54 3.58 -17.50	68.47 3.47 -39.91	43.47 2.76 -20.79	33.95 3.05 -8.86	28.72 3.46 -0.01	30.43 3.60 -0.05	28.66 3.04 -2.06	29.32 3.13 -0.55
GROVEVILLE___HYD 323602	33.37 1.58 0.00	29.62 1.44 0.00	30.33 1.39 0.00	29.60 1.40 0.00	26.12 1.23 0.00	23.07 1.13 0.00	24.32 1.18 0.00	26.20 1.50 -0.28	32.87 1.85 0.00	40.99 2.43 -0.17	47.21 2.90 0.00	49.95 2.97 0.00	49.69 3.24 0.00	45.04 2.73 -4.23	72.15 2.31 -40.47	39.63 2.37 -11.31	35.01 2.50 -6.05	41.71 2.33 -14.29	28.86 1.76 -7.19	26.95 1.84 -3.06	27.19 1.93 -0.01	28.58 1.74 -0.06	27.60 1.42 -2.63	27.89 1.54 -0.70
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.75 -0.04 0.00	28.07 -0.10 0.00	28.78 -0.16 0.00	28.00 -0.20 0.00	24.72 -0.17 0.00	21.81 -0.13 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.89 -0.14 0.00	38.32 -0.16 -0.09	47.18 -0.07 -2.94	50.38 0.02 -3.39	50.12 0.00 -3.67	40.20 -0.01 -2.13	33.85 0.11 -4.37	27.58 0.23 -1.40	27.50 0.22 -0.81	27.00 0.24 -1.68	20.98 0.21 -0.85	22.65 0.25 -0.36	25.53 0.28 0.00	27.25 0.21 -0.26	23.62 0.07 0.00	25.62 -0.02 0.00
HAMLTNNY_34_KV_TB 80303	31.81 0.02 0.00	28.11 -0.07 0.00	28.84 -0.10 0.00	28.05 -0.15 0.00	24.76 -0.12 0.00	21.84 -0.09 0.00	23.01 -0.12 0.00	24.31 -0.11 0.00	30.98 -0.05 0.00	38.44 -0.05 -0.09	47.42 0.07 -3.04	50.70 0.21 -3.51	50.40 0.15 -3.80	40.41 0.12 -2.21	34.26 0.24 -4.65	27.80 0.36 -1.48	27.69 0.36 -0.86	27.22 0.36 -1.78	21.13 0.32 -0.90	22.73 0.30 -0.39	25.60 0.35 0.00	27.36 0.32 -0.27	23.70 0.15 0.00	25.70 0.06 0.00
HAMPSHIRE___PAPER_HYD 323593	32.00 0.21 0.00	28.21 0.04 0.00	28.92 -0.02 0.00	28.21 0.01 0.00	24.96 0.07 0.00	22.02 0.08 0.00	23.33 0.19 0.00	24.50 0.08 0.00	31.34 0.31 0.00	38.76 0.35 -0.02	45.36 -0.04 -1.08	48.13 -0.17 -1.32	47.37 -0.51 -1.43	38.19 -0.72 -0.82	28.80 -0.60 -0.03	10.07 -1.04 14.85	0.83 -1.20 24.43	-0.06 -1.27 23.88	9.85 -0.87 9.19	21.29 -0.76 0.00	24.55 -0.70 0.00	26.64 -0.24 -0.10	23.41 -0.15 0.00	25.44 -0.21 0.00
HARDSCRABBLE_WT_PWR 323673	31.87 0.09 0.00	28.16 -0.02 0.00	28.90 -0.04 0.00	28.20 0.01 0.00	24.90 0.02 0.00	22.05 0.12 0.00	23.21 0.08 0.00	24.60 0.18 0.00	31.18 0.16 0.00	38.85 0.46 0.00	44.80 0.50 0.00	47.42 0.44 0.00	46.96 0.51 0.00	38.50 0.41 0.00	29.47 0.10 0.00	28.35 0.76 -1.64	29.86 0.70 -2.69	28.27 0.56 -2.63	21.14 0.21 -1.01	22.22 0.17 0.00	25.46 0.21 0.00	27.01 0.24 0.00	23.55 0.00 0.00	25.50 -0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.03 1.24 0.00	29.25 1.07 0.00	29.92 0.99 0.00	29.21 1.01 0.00	25.77 0.88 0.00	22.82 0.88 0.00	17.43 0.92 6.63	23.57 1.17 2.02	32.43 1.41 0.00	40.53 1.97 -0.16	46.76 2.45 0.00	49.50 2.52 0.00	49.26 2.82 0.00	12.65 2.33 27.76	36.64 2.01 -5.26	38.39 2.14 -10.30	29.52 2.29 -0.77	17.46 2.11 9.73	28.04 1.58 -6.55	26.49 1.65 -2.79	26.92 1.71 0.04	28.07 1.49 0.20	15.91 1.22 8.87	24.58 1.30 2.37
HARSNRAD_115KV_TB1 81005	32.13 0.34 0.00	27.95 -0.23 0.00	28.50 -0.44 0.00	27.63 -0.57 0.00	24.36 -0.52 0.00	21.65 -0.28 0.00	22.77 -0.36 0.00	23.75 -0.66 0.00	30.50 -0.53 0.00	37.61 -0.82 -0.03	43.42 -0.88 0.00	46.30 -0.68 0.00	45.29 -1.16 0.00	37.10 -1.02 -0.04	35.24 -0.47 -6.33	27.78 -0.14 -1.97	27.41 -0.11 -1.05	27.35 -0.09 -2.35	21.09 -0.07 -1.25	22.66 0.08 -0.53	25.72 0.47 0.00	27.46 0.68 0.00	24.08 0.53 0.00	26.25 0.61 0.00
HARZA MOOSE___RIVER 24016	32.43 0.64 0.00	28.55 0.38 0.00	29.25 0.31 0.00	28.52 0.32 0.00	25.21 0.33 0.00	22.33 0.39 0.00	23.67 0.54 0.00	24.98 0.56 0.00	31.90 0.88 0.00	39.53 1.12 -0.01	46.36 1.21 -0.84	49.16 1.17 -1.01	48.56 1.01 -1.10	39.50 0.79 -0.63	30.03 0.64 -0.02	23.54 0.43 2.85	22.11 0.34 4.69	20.75 0.25 4.58	18.45 0.31 1.77	22.55 0.50 0.00	25.91 0.66 0.00	27.63 0.78 -0.08	24.08 0.53 0.00	26.13 0.49 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	31.50 -0.29 0.00	27.82 -0.35 0.00	28.53 -0.41 0.00	27.76 -0.43 0.00	24.51 -0.38 0.00	21.64 -0.29 0.00	22.75 -0.38 0.00	24.02 -0.40 0.00	30.61 -0.42 0.00	37.95 -0.49 -0.05	45.28 -0.45 -1.42	48.21 -0.42 -1.65	47.84 -0.39 -1.78	38.78 -0.35 -1.04	33.15 -0.14 -3.91	27.18 0.00 -1.23	27.14 -0.02 -0.69	26.57 0.01 -1.48	20.72 0.04 -0.76	22.46 0.09 -0.33	25.34 0.09 0.00	26.92 0.02 -0.13	23.47 -0.09 0.00	25.47 -0.18 0.00
HELLGATE_13_KV_LD 55870	33.06 1.27 0.00	29.36 1.18 0.00	30.01 1.07 0.00	29.29 1.10 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.67 1.00 -5.54	27.39 1.29 -1.68	32.57 1.55 0.00	40.67 2.10 -0.17	46.88 2.57 0.00	49.57 2.60 0.00	49.40 2.95 0.00	67.21 2.50 -26.62	93.94 2.20 -62.37	39.44 2.33 -11.15	39.03 2.42 -10.14	68.21 2.18 -40.95	30.89 1.66 -9.31	26.95 1.76 -3.14	27.09 1.79 -0.04	28.60 1.56 -0.26	34.85 1.32 -9.97	30.06 1.46 -2.96
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.06 1.27 0.00	29.36 1.18 0.00	30.01 1.07 0.00	29.29 1.10 0.00	25.86 0.97 0.00	22.89 0.96 0.00	29.67 1.00 -5.54	27.39 1.29 -1.68	32.57 1.55 0.00	40.67 2.10 -0.17	46.88 2.57 0.00	49.57 2.60 0.00	49.40 2.95 0.00	67.21 2.50 -26.62	93.94 2.20 -62.37	39.44 2.33 -11.15	39.03 2.42 -10.14	68.21 2.18 -40.95	30.89 1.66 -9.31	26.95 1.76 -3.14	27.09 1.79 -0.04	28.60 1.56 -0.26	34.85 1.32 -9.97	30.06 1.46 -2.96
HEMPSTEAD____ 23647	34.21 1.80 -0.61	31.04 1.69 -1.18	30.54 1.61 0.00	29.77 1.58 0.00	26.26 1.37 0.00	23.23 1.30 0.00	29.92 1.29 -5.49	27.63 1.54 -1.66	32.93 1.90 0.00	41.05 2.48 -0.17	47.30 2.99 0.00	49.90 2.92 0.00	49.80 3.36 0.00	67.67 2.99 -26.60	100.38 2.47 -68.53	97.18 2.60 -68.63	132.65 2.68 -103.51	81.27 2.49 -53.70	207.44 1.91 -185.62	30.68 2.04 -6.59	27.82 2.15 -0.42	30.40 1.97 -1.65	52.36 1.61 -27.20	42.32 1.82 -14.86
HEWLETT__69_KV_BK3 55828	34.58 2.17 -0.61	31.28 1.92 -1.18	30.73 1.80 0.00	29.95 1.76 0.00	26.42 1.53 0.00	23.42 1.49 0.00	30.11 1.49 -5.49	27.84 1.75 -1.66	33.20 2.17 0.00	41.46 2.90 -0.17	47.41 3.10 0.00	50.08 3.11 0.00	49.96 3.51 0.00	67.81 3.13 -26.60	100.47 2.57 -68.53	97.25 2.67 -68.63	132.74 2.77 -103.51	81.43 2.65 -53.70	207.57 2.04 -185.62	30.77 2.14 -6.59	27.91 2.23 -0.42	30.48 2.06 -1.65	52.55 1.80 -27.20	42.54 2.04 -14.86
HICKLING___1 23621	32.43 0.64 0.00	28.49 0.32 0.00	29.18 0.24 0.00	28.23 0.03 0.00	24.91 0.03 0.00	22.02 0.09 0.00	23.21 0.07 0.00	24.57 0.15 0.00	31.56 0.53 0.00	39.07 0.60 -0.07	45.89 0.81 -0.77	48.85 0.99 -0.88	48.39 0.99 -0.96	39.13 0.44 -0.60	40.17 0.53 -10.26	29.89 0.75 -3.19	28.99 0.80 -1.73	29.83 0.93 -3.82	22.52 0.59 -2.02	23.64 0.73 -0.86	26.20 0.94 0.00	27.92 1.08 -0.07	24.36 0.80 0.00	26.32 0.67 0.00
HICKLING___2 23622	32.43 0.64 0.00	28.49 0.32 0.00	29.18 0.24 0.00	28.23 0.03 0.00	24.91 0.03 0.00	22.02 0.09 0.00	23.21 0.07 0.00	24.57 0.15 0.00	31.56 0.53 0.00	39.07 0.60 -0.07	45.89 0.81 -0.77	48.85 0.99 -0.88	48.39 0.99 -0.96	39.13 0.44 -0.60	40.17 0.53 -10.26	29.89 0.75 -3.19	28.99 0.80 -1.73	29.83 0.93 -3.82	22.52 0.59 -2.02	23.64 0.73 -0.86	26.20 0.94 0.00	27.92 1.08 -0.07	24.36 0.80 0.00	26.32 0.67 0.00
HIGH FALLS___HY 23754	33.05 1.26 0.00	29.25 1.07 0.00	29.93 1.00 0.00	29.20 1.01 0.00	25.77 0.88 0.00	22.78 0.85 0.00	24.03 0.90 0.00	25.62 1.20 0.00	32.48 1.45 0.00	40.57 1.99 -0.18	46.89 2.58 0.00	49.72 2.75 0.00	49.53 3.08 0.00	40.88 2.57 -0.23	70.82 2.24 -39.21	40.38 2.27 -12.16	35.36 2.39 -6.51	41.96 2.32 -14.56	29.38 1.73 -7.73	27.14 1.80 -3.29	27.10 1.85 0.00	28.45 1.68 0.00	24.92 1.37 0.00	27.09 1.45 0.00
HILLBURN___GT 23639	32.88 1.10 0.00	29.10 0.92 0.00	29.76 0.82 0.00	29.06 0.86 0.00	25.64 0.75 0.00	22.74 0.80 0.00	16.46 0.83 7.50	23.22 1.08 2.28	32.30 1.28 0.00	40.37 1.81 -0.16	46.53 2.22 0.00	49.24 2.26 0.00	49.03 2.59 0.00	8.54 2.17 31.72	33.18 1.91 -1.90	38.50 2.06 -10.49	28.89 2.20 -0.23	12.74 2.01 14.36	28.10 1.52 -6.66	26.48 1.60 -2.84	26.83 1.62 0.04	27.96 1.40 0.22	15.08 1.14 9.61	24.30 1.23 2.57
HILLSIDE_115KV_TB1 80332	31.79 0.00 0.00	27.92 -0.26 0.00	28.63 -0.31 0.00	27.70 -0.50 0.00	24.47 -0.42 0.00	21.65 -0.29 0.00	22.84 -0.29 0.00	24.19 -0.23 0.00	31.03 0.00 0.00	38.42 -0.05 -0.07	45.14 0.02 -0.81	47.96 0.05 -0.93	47.53 0.07 -1.01	38.44 -0.28 -0.63	40.02 0.04 -10.60	29.56 0.30 -3.30	28.51 0.27 -1.78	29.42 0.39 -3.95	22.11 0.11 -2.09	23.15 0.21 -0.89	25.61 0.36 0.00	27.28 0.44 -0.07	23.84 0.29 0.00	25.77 0.13 0.00
HISHELDN_WT_PWR 323625	32.21 0.42 0.00	28.07 -0.10 0.00	28.65 -0.29 0.00	27.72 -0.48 0.00	24.43 -0.46 0.00	21.66 -0.28 0.00	22.68 -0.46 0.00	23.84 -0.58 0.00	30.77 -0.25 0.00	37.92 -0.51 -0.04	43.85 -0.45 0.00	46.89 -0.08 0.00	45.86 -0.58 0.00	37.23 -0.90 -0.04	36.37 -0.43 -7.43	28.22 -0.04 -2.30	27.77 0.08 -1.23	28.03 0.19 -2.76	21.50 0.12 -1.46	22.89 0.22 -0.62	25.78 0.53 0.00	27.60 0.83 0.00	24.16 0.61 0.00	26.23 0.58 0.00
HOLTSVILLE_IC_1 23690	34.67 2.27 -0.61	31.57 2.21 -1.18	31.04 2.10 0.00	30.23 2.03 0.00	26.66 1.77 0.00	23.56 1.62 0.00	30.23 1.60 -5.49	27.90 1.81 -1.66	33.27 2.25 0.00	41.63 3.06 -0.17	47.88 3.57 0.00	50.29 3.32 0.00	50.36 3.91 0.00	68.21 3.52 -26.60	100.72 2.79 -68.55	97.54 2.95 -68.64	152.80 2.99 -123.34	81.59 2.80 -53.70	339.57 2.17 -317.49	65.29 2.37 -40.88	29.95 2.52 -2.18	31.09 2.43 -1.89	61.82 2.10 -36.16	42.85 2.35 -14.86
HOLTSVILLE_IC_10 23699	34.88 2.48 -0.61	31.79 2.44 -1.18	31.27 2.33 0.00	30.45 2.25 0.00	26.86 1.97 0.00	23.70 1.76 0.00	30.38 1.75 -5.49	28.07 1.98 -1.66	33.51 2.49 0.00	41.94 3.37 -0.17	48.24 3.93 0.00	50.66 3.68 0.00	50.78 4.33 0.00	68.59 3.90 -26.60	101.01 3.10 -68.55	97.80 3.21 -68.64	154.32 3.23 -124.63	81.84 3.05 -53.70	348.31 2.39 -326.01	67.74 2.59 -43.10	30.31 2.77 -2.29	31.36 2.69 -1.90	62.61 2.32 -36.74	43.06 2.56 -14.86
HOLTSVILLE_IC_2 23691	34.67 2.27 -0.61	31.57 2.21 -1.18	31.04 2.10 0.00	30.23 2.03 0.00	26.66 1.77 0.00	23.56 1.62 0.00	30.23 1.60 -5.49	27.90 1.81 -1.66	33.27 2.25 0.00	41.63 3.06 -0.17	47.88 3.57 0.00	50.29 3.32 0.00	50.36 3.91 0.00	68.21 3.52 -26.60	100.72 2.79 -68.55	97.54 2.95 -68.64	152.80 2.99 -123.34	81.59 2.80 -53.70	339.57 2.17 -317.49	65.29 2.37 -40.88	29.95 2.52 -2.18	31.09 2.43 -1.89	61.82 2.10 -36.16	42.85 2.35 -14.86
HOLTSVILLE_IC_3 23692	34.67 2.27 -0.61	31.57 2.21 -1.18	31.04 2.10 0.00	30.23 2.03 0.00	26.66 1.77 0.00	23.56 1.62 0.00	30.23 1.60 -5.49	27.90 1.81 -1.66	33.27 2.25 0.00	41.63 3.06 -0.17	47.88 3.57 0.00	50.29 3.32 0.00	50.36 3.91 0.00	68.21 3.52 -26.60	100.72 2.79 -68.55	97.54 2.95 -68.64	152.80 2.99 -123.34	81.59 2.80 -53.70	339.57 2.17 -317.49	65.29 2.37 -40.88	29.95 2.52 -2.18	31.09 2.43 -1.89	61.82 2.10 -36.16	42.85 2.35 -14.86

HOLTSVILLE_IC_4 23693	34.67 2.27 -0.61	31.57 2.21 -1.18	31.04 2.10 0.00	30.23 2.03 0.00	26.66 1.77 0.00	23.56 1.62 0.00	30.23 1.60 -5.49	27.90 1.81 -1.66	33.27 2.25 0.00	41.63 3.06 -0.17	47.88 3.57 0.00	50.29 3.32 0.00	50.36 3.91 0.00	68.21 3.52 -26.60	100.72 2.79 -68.55	97.54 2.95 -68.64	152.80 2.99 -123.34	81.59 2.80 -53.70	339.57 2.17 -317.49	65.29 2.37 -40.88	29.95 2.52 -2.18	31.09 2.43 -1.89	61.82 2.10 -36.16	42.85 2.35 -14.86
HOLTSVILLE_IC_5 23694	34.67 2.27 -0.61	31.57 2.21 -1.18	31.04 2.10 0.00	30.23 2.03 0.00	26.66 1.77 0.00	23.56 1.62 0.00	30.23 1.60 -5.49	27.90 1.81 -1.66	33.27 2.25 0.00	41.63 3.06 -0.17	47.88 3.57 0.00	50.29 3.32 0.00	50.36 3.91 0.00	68.21 3.52 -26.60	100.72 2.79 -68.55	97.54 2.95 -68.64	152.80 2.99 -123.34	81.59 2.80 -53.70	339.57 2.17 -317.49	65.29 2.37 -40.88	29.95 2.52 -2.18	31.09 2.43 -1.89	61.82 2.10 -36.16	42.85 2.35 -14.86
HOLTSVILLE_IC_6 23695	34.88 2.48 -0.61	31.79 2.44 -1.18	31.27 2.33 0.00	30.45 2.25 0.00	26.86 1.97 0.00	23.70 1.76 0.00	30.38 1.75 -5.49	28.07 1.98 -1.66	33.51 2.49 0.00	41.94 3.37 -0.17	48.24 3.93 0.00	50.66 3.68 0.00	50.78 4.33 0.00	68.59 3.90 -26.60	101.01 3.10 -68.55	97.80 3.21 -68.64	154.32 3.23 -124.63	81.84 3.05 -53.70	348.31 2.39 -326.01	67.74 2.59 -43.10	30.31 2.77 -2.29	31.36 2.69 -1.90	62.61 2.32 -36.74	43.06 2.56 -14.86
HOLTSVILLE_IC_7 23696	34.88 2.48 -0.61	31.79 2.44 -1.18	31.27 2.33 0.00	30.45 2.25 0.00	26.86 1.97 0.00	23.70 1.76 0.00	30.38 1.75 -5.49	28.07 1.98 -1.66	33.51 2.49 0.00	41.94 3.37 -0.17	48.24 3.93 0.00	50.66 3.68 0.00	50.78 4.33 0.00	68.59 3.90 -26.60	101.01 3.10 -68.55	97.80 3.21 -68.64	154.32 3.23 -124.63	81.84 3.05 -53.70	348.31 2.39 -326.01	67.74 2.59 -43.10	30.31 2.77 -2.29	31.36 2.69 -1.90	62.61 2.32 -36.74	43.06 2.56 -14.86
HOLTSVILLE_IC_8 23697	34.88 2.48 -0.61	31.79 2.44 -1.18	31.27 2.33 0.00	30.45 2.25 0.00	26.86 1.97 0.00	23.70 1.76 0.00	30.38 1.75 -5.49	28.07 1.98 -1.66	33.51 2.49 0.00	41.94 3.37 -0.17	48.24 3.93 0.00	50.66 3.68 0.00	50.78 4.33 0.00	68.59 3.90 -26.60	101.01 3.10 -68.55	97.80 3.21 -68.64	154.32 3.23 -124.63	81.84 3.05 -53.70	348.31 2.39 -326.01	67.74 2.59 -43.10	30.31 2.77 -2.29	31.36 2.69 -1.90	62.61 2.32 -36.74	43.06 2.56 -14.86
HOLTSVILLE_IC_9 23698	34.88 2.48 -0.61	31.79 2.44 -1.18	31.27 2.33 0.00	30.45 2.25 0.00	26.86 1.97 0.00	23.70 1.76 0.00	30.38 1.75 -5.49	28.07 1.98 -1.66	33.51 2.49 0.00	41.94 3.37 -0.17	48.24 3.93 0.00	50.66 3.68 0.00	50.78 4.33 0.00	68.59 3.90 -26.60	101.01 3.10 -68.55	97.80 3.21 -68.64	154.32 3.23 -124.63	81.84 3.05 -53.70	348.31 2.39 -326.01	67.74 2.59 -43.10	30.31 2.77 -2.29	31.36 2.69 -1.90	62.61 2.32 -36.74	43.06 2.56 -14.86
HOMER_HL_115KV_TB2 355744	32.25 0.46 0.00	28.23 0.06 0.00	28.81 -0.12 0.00	27.89 -0.31 0.00	24.58 -0.31 0.00	21.83 -0.11 0.00	23.08 -0.05 0.00	24.39 -0.03 0.00	31.40 0.38 0.00	38.80 0.37 -0.04	44.63 0.33 0.00	47.23 0.25 0.00	46.18 -0.27 0.00	37.57 -0.56 -0.05	37.16 -0.02 -7.80	28.73 0.35 -2.42	28.12 0.37 -1.30	28.45 0.47 -2.90	21.67 0.22 -1.54	22.97 0.27 -0.65	25.76 0.51 0.00	27.47 0.69 0.00	24.14 0.59 0.00	26.31 0.67 0.00
HOWARD_WT_PWR 323690	32.37 0.59 0.00	28.33 0.16 0.00	29.05 0.11 0.00	27.99 -0.21 0.00	24.59 -0.29 0.00	21.74 -0.19 0.00	22.57 -0.56 0.00	23.90 -0.52 0.00	31.02 -0.01 0.00	38.28 -0.16 -0.04	44.08 -0.23 0.00	47.51 0.53 0.00	46.82 0.37 0.00	37.76 -0.38 -0.05	37.61 -0.39 -8.62	28.65 0.02 -2.67	28.02 0.13 -1.43	28.82 0.53 -3.20	22.10 0.49 -1.70	23.45 0.68 -0.72	26.13 0.88 0.00	28.03 1.25 0.00	24.42 0.87 0.00	26.44 0.79 0.00
HQ_GEN_CEDARS 23644	32.04 0.26 0.00	28.31 0.13 0.00	29.10 0.16 0.00	28.37 0.17 0.00	25.05 0.16 0.00	22.10 0.17 0.00	23.40 0.27 0.00	24.63 0.21 0.00	31.28 0.26 0.00	38.62 0.22 0.00	44.06 -0.24 0.00	46.78 -0.19 0.00	46.03 -0.42 0.00	37.60 -0.48 0.00	28.82 -0.55 25.24	-0.56 -1.27 41.53	-16.40 -1.34 40.56	-16.77 -1.28 15.60	3.34 -0.98 0.00	20.99 -1.06 0.00	24.20 -1.06 0.00	26.38 -0.39 0.00	23.52 -0.04 0.00	25.55 -0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	32.04 0.26 0.00	28.31 0.13 0.00	29.10 0.16 0.00	28.37 0.17 0.00	25.05 0.16 0.00	22.10 0.17 0.00	23.40 0.27 0.00	24.63 0.21 0.00	31.28 0.25 0.00	38.62 0.22 0.00	44.06 -0.24 0.00	46.78 -0.19 0.00	46.03 -0.42 0.00	37.60 -0.48 0.00	28.82 -0.56 25.24	-0.56 -1.27 41.53	-16.40 -1.34 40.56	-16.77 -1.28 15.60	3.34 -0.98 0.00	20.99 -1.06 0.00	24.08 -1.06 0.11	30.01 -0.39 -3.63	23.52 -0.04 0.00	25.55 -0.10 0.00
HQ_GEN_IMPORT 323601	31.70 -0.08 0.00	28.07 -0.10 0.00	28.85 -0.08 0.00	28.12 -0.08 0.00	24.82 -0.06 0.00	21.88 -0.05 0.00	23.11 -0.03 0.00	24.33 -0.09 0.00	30.89 -0.13 0.00	38.12 -0.27 0.00	43.91 -0.40 0.00	46.59 -0.38 0.00	45.95 -0.49 0.00	37.63 -0.46 0.00	28.88 -0.49 0.00	20.16 -0.68 5.12	17.37 -0.69 8.40	16.22 -0.65 8.21	16.25 -0.50 3.16	21.50 -0.55 0.00	21.16 -0.57 3.53	30.51 -0.40 -4.14	23.31 -0.24 0.00	25.42 -0.22 0.00
HQ_GEN_WHEEL 23651	31.70 -0.08 0.00	28.07 -0.10 0.00	28.85 -0.08 0.00	28.12 -0.08 0.00	24.82 -0.06 0.00	21.88 -0.05 0.00	23.11 -0.03 0.00	24.33 -0.09 0.00	30.89 -0.13 0.00	38.12 -0.27 0.00	43.91 -0.40 0.00	46.59 -0.38 0.00	45.95 -0.49 0.00	37.63 -0.46 0.00	28.88 -0.49 0.00	20.16 -0.68 5.12	17.37 -0.69 8.40	16.22 -0.65 8.21	16.25 -0.50 3.16	21.50 -0.55 0.00	21.16 -0.57 3.53	30.51 -0.40 -4.14	23.31 -0.24 0.00	25.42 -0.22 0.00
HUDSON_AVE_GT_3 23810	33.16 1.37 0.00	29.43 1.25 0.00	30.11 1.17 0.00	29.39 1.19 0.00	25.94 1.05 0.00	22.96 1.02 0.00	29.74 1.07 -5.54	27.46 1.37 -1.68	32.66 1.63 0.00	40.80 2.23 -0.17	47.04 2.73 0.00	49.71 2.74 0.00	49.54 3.09 0.00	67.31 2.60 -26.63	94.04 2.28 -62.38	39.50 2.39 -11.15	39.12 2.51 -10.14	68.30 2.28 -40.94	30.86 1.70 -9.24	26.98 1.79 -3.14	27.15 1.85 -0.04	28.68 1.64 -0.26	34.89 1.38 -9.96	30.10 1.51 -2.94
HUDSON_AVE_GT_4 23540	33.16 1.37 0.00	29.43 1.25 0.00	30.11 1.17 0.00	29.39 1.19 0.00	25.94 1.05 0.00	22.96 1.02 0.00	29.74 1.07 -5.54	27.46 1.37 -1.68	32.66 1.63 0.00	40.80 2.23 -0.17	47.04 2.73 0.00	49.71 2.74 0.00	49.54 3.09 0.00	67.31 2.60 -26.63	94.04 2.28 -62.38	39.50 2.39 -11.15	39.12 2.51 -10.14	68.30 2.28 -40.94	30.86 1.70 -9.24	26.98 1.79 -3.14	27.15 1.85 -0.04	28.68 1.64 -0.26	34.89 1.38 -9.96	30.10 1.51 -2.94
HUDSON_AVE_GT_5 23657	33.16 1.37 0.00	29.43 1.25 0.00	30.11 1.17 0.00	29.39 1.19 0.00	25.94 1.05 0.00	22.96 1.02 0.00	29.74 1.07 -5.54	27.46 1.37 -1.68	32.66 1.63 0.00	40.80 2.23 -0.17	47.04 2.73 0.00	49.71 2.74 0.00	49.54 3.09 0.00	67.31 2.60 -26.63	94.04 2.28 -62.38	39.50 2.39 -11.15	39.12 2.51 -10.14	68.30 2.28 -40.94	30.86 1.70 -9.24	26.98 1.79 -3.14	27.15 1.85 -0.04	28.68 1.64 -0.26	34.89 1.38 -9.96	30.10 1.51 -2.94

HUDSON_AVE_10 24168	33.01 1.22 0.00	29.31 1.13 0.00	29.99 1.05 0.00	29.27 1.08 0.00	25.84 0.95 0.00	22.86 0.93 0.00	29.64 0.96 -5.54	27.34 1.24 -1.68	32.49 1.47 0.00	40.60 2.03 -0.17	46.77 2.46 0.00	49.44 2.46 0.00	49.27 2.82 0.00	67.08 2.37 -26.63	93.87 2.12 -62.38	39.34 2.23 -11.15	38.96 2.36 -10.14	68.16 2.14 -40.94	30.74 1.59 -9.24	26.86 1.68 -3.14	27.00 1.71 -0.04	28.53 1.49 -0.26	34.79 1.28 -9.96	29.98 1.40 -2.94
HUDSON___115KV_TB 4 355613	33.19 1.40 0.00	29.55 1.37 0.00	30.35 1.42 0.00	29.60 1.41 0.00	26.13 1.24 0.00	23.03 1.09 0.00	25.19 1.08 -0.98	25.94 1.20 -0.31	32.52 1.50 0.00	40.69 2.00 -0.30	46.51 2.20 0.00	49.20 2.22 0.00	48.69 2.24 0.00	45.76 1.92 -5.75	104.17 1.41 -73.39	48.41 1.37 -21.09	40.04 1.37 -12.21	58.06 1.33 -31.65	34.37 1.05 -13.40	28.91 1.15 -5.71	26.58 1.31 -0.01	27.92 1.09 -0.05	26.65 0.80 -2.30	27.13 0.87 -0.61
HUNTER MOUNT___DRP 323613	33.46 1.67 0.00	29.77 1.60 0.00	30.61 1.68 0.00	29.85 1.65 0.00	26.34 1.45 0.00	23.20 1.27 0.00	25.21 1.27 -0.81	26.08 1.39 -0.27	32.77 1.74 0.00	40.98 2.30 -0.27	46.77 2.47 0.00	49.46 2.48 0.00	48.92 2.47 0.00	45.27 2.16 -5.03	97.40 1.58 -66.45	46.60 1.49 -19.15	38.21 1.50 -10.25	50.30 1.46 -23.76	33.24 1.15 -12.17	28.52 1.28 -5.19	26.76 1.50 -0.01	28.09 1.27 -0.04	26.37 0.92 -1.89	27.14 0.99 -0.51
HUNTINGTON_RES_REC 323705	34.68 2.27 -0.61	31.54 2.18 -1.18	31.01 2.07 0.00	30.20 2.00 0.00	26.63 1.75 0.00	23.51 1.58 0.00	30.17 1.55 -5.49	27.86 1.77 -1.66	33.27 2.24 0.00	41.58 3.01 -0.17	47.86 3.55 0.00	50.37 3.39 0.00	50.42 3.98 0.00	68.31 3.63 -26.60	100.87 2.92 -68.57	97.66 3.05 -68.66	183.01 3.13 -153.41	81.70 2.90 -53.71	539.51 2.29 -517.30	117.34 2.46 -92.83	32.68 2.60 -4.83	31.49 2.47 -2.24	75.38 2.10 -49.73	42.84 2.34 -14.86
HUNTLEY___63 23557	32.59 0.80 0.00	28.31 0.14 0.00	28.85 -0.09 0.00	27.97 -0.23 0.00	24.67 -0.22 0.00	21.95 0.02 0.00	23.10 -0.03 0.00	24.08 -0.34 0.00	30.89 -0.13 0.00	38.07 -0.36 -0.03	43.95 -0.36 0.00	46.72 -0.26 0.00	45.74 -0.71 0.00	37.46 -0.66 -0.04	35.72 -0.21 -6.56	28.11 0.12 -2.03	27.74 0.20 -1.09	27.76 0.24 -2.44	21.37 0.17 -1.29	22.94 0.34 -0.55	25.96 0.70 0.00	27.75 0.98 0.00	24.39 0.83 0.00	26.55 0.90 0.00
HUNTLEY___64 23558	32.59 0.80 0.00	28.31 0.14 0.00	28.85 -0.09 0.00	27.97 -0.23 0.00	24.67 -0.22 0.00	21.95 0.02 0.00	23.10 -0.03 0.00	24.08 -0.34 0.00	30.89 -0.13 0.00	38.07 -0.36 -0.03	43.95 -0.36 0.00	46.72 -0.26 0.00	45.74 -0.71 0.00	37.46 -0.66 -0.04	35.72 -0.21 -6.56	28.11 0.12 -2.03	27.74 0.20 -1.09	27.76 0.24 -2.44	21.37 0.17 -1.29	22.94 0.34 -0.55	25.96 0.70 0.00	27.75 0.98 0.00	24.39 0.83 0.00	26.55 0.90 0.00
HUNTLEY___65 23559	32.59 0.80 0.00	28.31 0.14 0.00	28.85 -0.09 0.00	27.97 -0.23 0.00	24.67 -0.22 0.00	21.95 0.02 0.00	23.10 -0.03 0.00	24.08 -0.34 0.00	30.89 -0.13 0.00	38.07 -0.36 -0.03	43.95 -0.36 0.00	46.72 -0.26 0.00	45.74 -0.71 0.00	37.46 -0.66 -0.04	35.72 -0.21 -6.56	28.11 0.12 -2.03	27.74 0.20 -1.09	27.76 0.24 -2.44	21.37 0.17 -1.29	22.94 0.34 -0.55	25.96 0.70 0.00	27.75 0.98 0.00	24.39 0.83 0.00	26.55 0.90 0.00
HUNTLEY___66 23560	32.59 0.80 0.00	28.31 0.14 0.00	28.85 -0.09 0.00	27.97 -0.23 0.00	24.67 -0.22 0.00	21.95 0.02 0.00	23.10 -0.03 0.00	24.08 -0.34 0.00	30.89 -0.13 0.00	38.07 -0.36 -0.03	43.95 -0.36 0.00	46.72 -0.26 0.00	45.74 -0.71 0.00	37.46 -0.66 -0.04	35.72 -0.21 -6.56	28.11 0.12 -2.03	27.74 0.20 -1.09	27.76 0.24 -2.44	21.37 0.17 -1.29	22.94 0.34 -0.55	25.96 0.70 0.00	27.75 0.98 0.00	24.39 0.83 0.00	26.55 0.90 0.00
HUNTLEY___67 23561	32.18 0.40 0.00	28.01 -0.17 0.00	28.56 -0.38 0.00	27.69 -0.51 0.00	24.42 -0.47 0.00	21.71 -0.22 0.00	22.84 -0.29 0.00	23.86 -0.56 0.00	30.67 -0.36 0.00	37.85 -0.58 -0.03	43.71 -0.60 0.00	46.53 -0.44 0.00	45.55 -0.89 0.00	37.29 -0.84 -0.04	35.71 -0.36 -6.70	28.02 -0.01 -2.08	27.58 0.01 -1.11	27.63 0.06 -2.49	21.22 -0.01 -1.32	22.75 0.14 -0.56	25.71 0.46 0.00	27.50 0.73 0.00	24.13 0.58 0.00	26.29 0.64 0.00
HUNTLEY___68 23562	32.18 0.40 0.00	28.01 -0.17 0.00	28.56 -0.38 0.00	27.69 -0.51 0.00	24.42 -0.47 0.00	21.71 -0.22 0.00	22.84 -0.29 0.00	23.86 -0.56 0.00	30.67 -0.36 0.00	37.85 -0.58 -0.03	43.71 -0.60 0.00	46.53 -0.44 0.00	45.55 -0.89 0.00	37.29 -0.84 -0.04	35.71 -0.36 -6.70	28.02 -0.01 -2.08	27.58 0.01 -1.11	27.63 0.06 -2.49	21.22 -0.01 -1.32	22.75 0.14 -0.56	25.71 0.46 0.00	27.50 0.73 0.00	24.13 0.58 0.00	26.29 0.64 0.00
HYLAND___LFG 323620	33.63 1.85 0.00	29.49 1.31 0.00	30.15 1.21 0.00	29.19 1.00 0.00	25.75 0.87 0.00	22.55 0.61 0.00	23.47 0.34 0.00	24.81 0.39 0.00	30.96 -0.07 0.00	37.77 -0.66 -0.03	43.59 -0.72 0.00	46.42 -0.56 0.00	45.61 -0.83 0.00	37.42 -0.71 -0.04	36.05 -0.51 -7.19	28.31 0.12 -2.23	28.08 0.42 -1.19	28.17 0.42 -2.67	21.51 0.18 -1.42	23.14 0.49 -0.60	26.25 1.00 0.00	28.08 1.31 0.00	24.47 0.91 0.00	26.44 0.80 0.00
INDECK___CORINTH 23802	34.63 2.84 0.00	30.71 2.53 0.00	31.51 2.58 0.00	30.69 2.49 0.00	27.10 2.21 0.00	23.89 1.96 0.00	26.32 2.07 -1.12	27.02 2.27 -0.34	33.80 2.77 0.00	42.56 3.67 -0.49	48.27 3.96 0.00	51.10 4.12 0.00	50.71 4.25 -0.01	48.12 3.66 -6.37	150.89 2.59 -118.92	63.25 2.20 -35.10	48.18 1.94 -19.77	75.64 1.72 -48.83	43.73 1.52 -22.30	33.37 1.81 -9.50	27.21 1.95 -0.01	28.60 1.77 -0.06	27.57 1.43 -2.59	27.75 1.41 -0.69
INDECK___ILION 23567	31.90 0.12 0.00	28.26 0.09 0.00	29.02 0.08 0.00	28.29 0.10 0.00	24.97 0.08 0.00	22.06 0.13 0.00	23.28 0.15 0.00	24.63 0.21 0.00	31.26 0.23 0.00	38.83 0.43 0.00	44.82 0.51 0.00	47.45 0.48 0.00	47.00 0.56 0.00	38.57 0.48 0.00	29.71 0.33 0.00	28.17 0.58 -1.64	29.71 0.55 -2.69	28.22 0.51 -2.63	21.24 0.31 -1.01	22.37 0.33 0.00	25.63 0.38 0.00	27.08 0.30 0.00	23.68 0.13 0.00	25.72 0.07 0.00
INDECK___OLEAN 23982	32.25 0.47 0.00	28.23 0.06 0.00	28.81 -0.12 0.00	27.89 -0.30 0.00	24.58 -0.31 0.00	21.83 -0.11 0.00	23.08 -0.05 0.00	24.39 -0.03 0.00	31.41 0.39 0.00	38.80 0.37 -0.04	44.63 0.32 0.00	47.24 0.26 0.00	46.18 -0.26 0.00	37.57 -0.56 -0.05	37.15 -0.02 -7.80	28.74 0.36 -2.42	28.13 0.38 -1.30	28.46 0.48 -2.90	21.68 0.22 -1.54	22.98 0.27 -0.65	25.76 0.51 0.00	27.48 0.70 0.00	24.13 0.58 0.00	26.31 0.67 0.00
INDECK___OSWEGO 23783	31.07 -0.72 0.00	27.46 -0.72 0.00	28.15 -0.79 0.00	27.40 -0.79 0.00	24.20 -0.69 0.00	21.36 -0.58 0.00	22.47 -0.66 0.00	23.72 -0.70 0.00	30.23 -0.80 0.00	37.57 -1.03 -0.20	50.77 -1.05 -7.52	54.41 -1.10 -8.53	54.56 -1.11 -9.23	42.46 -0.94 -5.31	32.20 -0.62 -3.44	25.81 -0.45 -0.31	25.35 -0.50 0.62	24.66 -0.46 -0.03	19.69 -0.33 -0.11	22.01 -0.31 -0.27	24.88 -0.37 0.00	27.00 -0.43 -0.66	23.07 -0.48 0.00	25.05 -0.59 0.00

INDECK___YERKES 23781	32.63 0.84 0.00	28.34 0.16 0.00	28.88 -0.06 0.00	27.99 -0.20 0.00	24.69 -0.19 0.00	21.98 0.04 0.00	23.13 0.00 0.00	24.10 -0.31 0.00	30.91 -0.11 0.00	38.05 -0.37 -0.03	43.94 -0.37 0.00	46.73 -0.24 0.00	45.73 -0.71 0.00	37.46 -0.66 -0.04	35.71 -0.22 -6.56	28.14 0.15 -2.03	27.80 0.24 -1.09	27.80 0.28 -2.44	21.40 0.20 -1.29	22.97 0.37 -0.55	25.99 0.73 0.00	27.78 1.01 0.00	24.41 0.86 0.00	26.58 0.93 0.00
INDIAN POINT_GT_1 24139	32.94 1.15 0.00	29.25 1.08 0.00	29.95 1.01 0.00	29.22 1.03 0.00	25.79 0.90 0.00	22.80 0.86 0.00	30.49 0.88 -6.47	27.51 1.13 -1.96	32.37 1.34 0.00	40.42 1.86 -0.17	46.58 2.27 0.00	49.28 2.30 0.00	49.05 2.60 0.00	71.13 2.20 -30.84	97.45 1.94 -66.14	39.03 2.06 -11.01	69.34 2.18 -40.70	249.63 2.01 -222.54	28.42 1.51 -7.00	26.61 1.58 -2.98	26.91 1.62 -0.04	28.40 1.40 -0.23	34.78 1.15 -10.07	29.59 1.25 -2.69
INDIAN POINT_GT_2 23659	32.94 1.15 0.00	29.25 1.08 0.00	29.95 1.01 0.00	29.22 1.03 0.00	25.79 0.90 0.00	22.80 0.86 0.00	30.49 0.88 -6.47	27.51 1.13 -1.96	32.37 1.34 0.00	40.42 1.86 -0.17	46.58 2.27 0.00	49.28 2.30 0.00	49.05 2.60 0.00	71.13 2.20 -30.84	97.45 1.94 -66.14	39.03 2.06 -11.01	69.34 2.18 -40.70	249.63 2.01 -222.54	28.42 1.51 -7.00	26.61 1.58 -2.98	26.91 1.62 -0.04	28.40 1.40 -0.23	34.78 1.15 -10.07	29.59 1.25 -2.69
INDIAN POINT_GT_3 24019	32.94 1.15 0.00	29.25 1.08 0.00	29.95 1.01 0.00	29.22 1.03 0.00	25.79 0.90 0.00	22.80 0.86 0.00	30.49 0.88 -6.47	27.51 1.13 -1.96	32.37 1.34 0.00	40.42 1.86 -0.17	46.58 2.27 0.00	49.28 2.30 0.00	49.05 2.60 0.00	71.13 2.20 -30.84	97.45 1.94 -66.14	39.03 2.06 -11.01	69.34 2.18 -40.70	249.63 2.01 -222.54	28.42 1.51 -7.00	26.61 1.58 -2.98	26.91 1.62 -0.04	28.40 1.40 -0.23	34.78 1.15 -10.07	29.59 1.25 -2.69
INDIAN POINT___2 23530	32.87 1.08 0.00	29.19 1.02 0.00	29.89 0.95 0.00	29.17 0.98 0.00	25.74 0.86 0.00	22.76 0.82 0.00	32.73 0.83 -8.77	28.14 1.08 -2.65	32.29 1.27 0.00	40.33 1.77 -0.16	46.49 2.18 0.00	49.18 2.20 0.00	48.96 2.51 0.00	81.39 2.11 -41.20	107.14 1.87 -75.90	38.78 2.00 -10.82	24.21 2.13 4.38	-17.50 1.96 44.54	28.26 1.47 -6.88	26.52 1.54 -2.93	26.87 1.57 -0.05	28.40 1.35 -0.27	36.70 1.11 -12.04	30.07 1.20 -3.22
INDIAN POINT___3 23531	32.89 1.10 0.00	29.21 1.03 0.00	29.91 0.98 0.00	29.20 1.00 0.00	25.76 0.87 0.00	22.77 0.84 0.00	30.64 0.85 -6.65	27.53 1.09 -2.01	32.31 1.28 0.00	40.35 1.79 -0.17	46.50 2.19 0.00	49.19 2.21 0.00	48.97 2.53 0.00	71.85 2.13 -31.63	98.21 1.88 -66.96	38.98 2.00 -11.02	32.40 2.13 -3.82	30.54 1.96 -3.49	28.39 1.47 -7.00	26.56 1.54 -2.98	26.86 1.57 -0.04	28.36 1.35 -0.23	34.88 1.11 -10.22	29.59 1.22 -2.73
INGHAM_C_115KV_TB7 356103	31.86 0.08 0.00	28.21 0.04 0.00	28.96 0.03 0.00	28.26 0.07 0.00	24.96 0.07 0.00	22.10 0.16 0.00	23.24 0.10 0.00	24.63 0.21 0.00	31.17 0.15 0.00	38.90 0.50 0.00	44.90 0.59 0.00	47.45 0.48 0.00	47.10 0.66 0.00	38.62 0.53 0.00	29.68 0.31 0.00	28.46 0.86 -1.64	29.96 0.81 -2.69	28.43 0.72 -2.63	21.29 0.36 -1.01	22.40 0.35 0.00	25.67 0.42 0.00	27.07 0.29 0.00	23.56 0.01 0.00	25.49 -0.15 0.00
IP CORINTH___1 23988	34.63 2.84 0.00	30.71 2.53 0.00	31.51 2.58 0.00	30.69 2.49 0.00	27.10 2.21 0.00	23.89 1.96 0.00	26.32 2.07 -1.12	27.02 2.27 -0.34	33.80 2.77 0.00	42.56 3.67 -0.49	48.27 3.96 0.00	51.10 4.12 0.00	50.71 4.26 -0.01	48.12 3.66 -6.37	150.93 2.64 -118.92	63.31 2.26 -35.10	48.30 2.07 -19.77	75.79 1.87 -48.83	43.85 1.63 -22.30	33.49 1.95 -9.50	27.36 2.09 -0.01	28.76 1.93 -0.06	27.71 1.57 -2.59	27.90 1.56 -0.69
IP___TICONDEROGA 23804	36.51 4.72 0.00	32.22 4.04 0.00	33.08 4.15 0.00	32.17 3.97 0.00	28.47 3.58 0.00	25.19 3.26 0.00	27.84 3.59 -1.12	28.58 3.82 -0.34	35.69 4.66 0.00	44.81 5.92 -0.49	51.02 6.71 0.00	53.78 6.80 0.00	53.26 6.81 -0.01	50.40 5.92 -6.39	152.63 4.99 -118.28	65.08 4.24 -34.89	50.19 4.06 -19.67	77.55 3.86 -48.61	45.20 3.12 -22.17	35.00 3.50 -9.45	29.09 3.83 -0.01	30.67 3.84 -0.06	29.36 3.22 -2.60	29.43 3.09 -0.69
ISLIP_RES_REC 323679	35.05 2.65 -0.61	31.93 2.57 -1.18	31.39 2.46 0.00	30.57 2.37 0.00	26.96 2.07 0.00	23.79 1.86 0.00	30.49 1.87 -5.49	28.19 2.11 -1.66	33.71 2.69 0.00	42.19 3.62 -0.17	48.55 4.24 0.00	50.99 4.02 0.00	51.14 4.69 0.00	68.90 4.21 -26.60	101.28 3.36 -68.55	98.03 3.44 -68.64	152.67 3.47 -122.74	82.05 3.26 -53.70	335.95 2.56 -313.48	64.65 2.76 -39.84	30.34 2.97 -2.13	31.54 2.89 -1.88	61.92 2.48 -35.89	43.22 2.72 -14.86
JAMAICA__27_KV_LOAD 355505	33.23 1.45 0.00	29.50 1.33 0.00	30.20 1.26 0.00	29.46 1.27 0.00	26.00 1.11 0.00	23.00 1.06 0.00	29.78 1.10 -5.54	27.46 1.37 -1.68	32.63 1.60 0.00	40.77 2.20 -0.17	46.89 2.58 0.00	49.58 2.60 0.00	49.39 2.95 0.00	67.20 2.49 -26.63	93.98 2.23 -62.38	39.41 2.30 -11.15	39.06 2.46 -10.14	68.26 2.24 -40.94	30.84 1.68 -9.24	26.96 1.78 -3.14	27.12 1.82 -0.04	28.67 1.64 -0.26	34.98 1.47 -9.96	30.19 1.60 -2.94
JANIS___SOLAR 323808	33.18 1.39 0.00	29.18 1.00 0.00	29.93 1.00 0.00	29.11 0.91 0.00	25.72 0.83 0.00	22.74 0.81 0.00	24.01 0.88 0.00	25.42 1.00 0.00	32.48 1.46 0.00	39.97 1.48 -0.09	47.48 1.81 -1.35	50.80 2.25 -1.56	50.37 2.24 -1.70	40.48 1.36 -1.04	43.50 1.39 -12.73	31.12 1.20 -3.97	29.84 1.23 -2.15	31.11 1.27 -4.75	23.46 1.04 -2.50	24.42 1.31 -1.07	27.02 1.77 0.00	28.73 1.84 -0.12	24.96 1.41 0.00	26.95 1.31 0.00
JARVIS____ 23743	31.81 0.02 0.00	28.19 0.01 0.00	28.96 0.02 0.00	28.22 0.03 0.00	24.91 0.03 0.00	21.96 0.02 0.00	23.23 0.10 0.00	24.54 0.13 0.00	31.18 0.16 0.00	38.64 0.25 0.00	44.61 0.30 0.00	47.26 0.28 0.00	46.77 0.33 0.00	38.37 0.29 0.00	29.60 0.23 0.00	27.87 0.28 -1.64	29.43 0.28 -2.69	27.97 0.25 -2.63	21.10 0.18 -1.01	22.24 0.20 0.00	25.47 0.22 0.00	26.96 0.18 0.00	23.66 0.11 0.00	25.75 0.10 0.00
JENNISON___1 23625	33.29 1.51 0.00	29.33 1.15 0.00	30.11 1.17 0.00	29.29 1.10 0.00	25.87 0.98 0.00	22.87 0.93 0.00	24.15 1.02 0.00	25.62 1.20 0.00	32.76 1.73 0.00	40.61 2.11 -0.10	47.71 2.44 -0.96	50.83 2.74 -1.11	50.48 2.84 -1.20	40.94 2.07 -0.78	49.29 1.80 -18.12	33.26 1.67 -5.63	31.15 1.66 -3.04	33.46 1.63 -6.74	24.72 1.24 -3.57	25.03 1.46 -1.52	27.09 1.84 0.00	28.76 1.90 -0.08	25.04 1.49 0.00	27.08 1.44 0.00
JENNISON___2 23626	33.29 1.51 0.00	29.33 1.15 0.00	30.11 1.17 0.00	29.29 1.10 0.00	25.87 0.98 0.00	22.87 0.93 0.00	24.15 1.02 0.00	25.62 1.20 0.00	32.76 1.73 0.00	40.61 2.11 -0.10	47.71 2.44 -0.96	50.83 2.74 -1.11	50.48 2.84 -1.20	40.94 2.07 -0.78	49.29 1.80 -18.12	33.26 1.67 -5.63	31.15 1.66 -3.04	33.46 1.63 -6.74	24.72 1.24 -3.57	25.03 1.46 -1.52	27.09 1.84 0.00	28.76 1.90 -0.08	25.04 1.49 0.00	27.08 1.44 0.00

JERICO_RISE_WT_PWR 323719	31.96 0.17 0.00	28.19 0.02 0.00	28.95 0.01 0.00	28.17 -0.02 0.00	24.84 -0.04 0.00	21.79 -0.14 0.00	23.01 -0.12 0.00	24.33 -0.09 0.00	30.97 -0.05 0.00	37.87 -0.53 0.00	43.33 -0.98 0.00	46.22 -0.76 0.00	45.64 -0.80 0.00	37.27 -0.81 0.00	28.64 -0.73 0.00	-0.93 -1.00 25.89	-16.98 -0.85 42.60	-17.40 -0.87 41.61	3.18 -0.73 16.00	21.27 -0.78 0.00	24.89 -0.36 0.00	26.72 -0.06 0.00	23.22 -0.34 0.00	25.06 -0.58 0.00
KATONAH__115KV_46KV_TB4 355592	33.23 1.44 0.00	29.51 1.33 0.00	30.21 1.28 0.00	29.48 1.28 0.00	26.02 1.14 0.00	23.00 1.06 0.00	27.66 1.10 -3.43	26.85 1.38 -1.05	32.69 1.67 0.00	40.82 2.26 -0.17	47.07 2.76 0.00	49.79 2.82 0.00	49.57 3.12 0.00	57.78 2.63 -17.06	85.08 2.27 -53.44	39.65 2.35 -11.35	37.89 2.45 -8.97	60.69 2.36 -33.25	29.05 1.92 -7.21	27.04 1.92 -3.07	27.25 1.96 -0.03	28.71 1.77 -0.17	32.37 1.46 -7.36	29.17 1.57 -1.97
KCE_NY_1 323755	34.04 2.25 0.00	30.21 2.03 0.00	31.01 2.07 0.00	30.20 2.01 0.00	26.64 1.75 0.00	23.49 1.56 0.00	25.88 1.61 -1.13	26.56 1.79 -0.34	33.24 2.21 0.00	41.82 2.94 -0.49	47.58 3.27 0.00	50.47 3.49 0.00	49.96 3.50 -0.01	47.48 2.98 -6.42	149.07 2.34 -117.36	62.69 2.14 -34.59	48.13 2.16 -19.51	75.40 2.03 -48.29	43.53 1.63 -21.98	33.24 1.83 -9.37	27.26 1.99 -0.01	28.70 1.87 -0.06	27.68 1.51 -2.61	27.96 1.61 -0.70
KCE_NY_6_ESR 323823	32.55 0.76 0.00	28.31 0.14 0.00	28.88 -0.06 0.00	27.97 -0.23 0.00	24.66 -0.22 0.00	21.92 -0.01 0.00	23.07 -0.06 0.00	24.17 -0.25 0.00	31.11 0.08 0.00	38.36 -0.07 -0.03	44.34 0.03 0.00	47.26 0.28 0.00	46.24 -0.20 0.00	37.78 -0.35 -0.04	36.40 0.06 -6.97	28.47 0.36 -2.16	28.01 0.39 -1.16	28.10 0.43 -2.59	21.57 0.28 -1.37	23.08 0.44 -0.59	26.06 0.81 0.00	27.85 1.08 0.00	24.42 0.86 0.00	26.56 0.91 0.00
KEDC_PORT_JEFF_GT2 24210	34.83 2.43 -0.61	31.72 2.37 -1.18	31.19 2.25 0.00	30.37 2.18 0.00	26.79 1.90 0.00	23.66 1.73 0.00	30.34 1.72 -5.49	28.01 1.93 -1.66	33.44 2.42 0.00	41.85 3.28 -0.17	48.15 3.84 0.00	50.59 3.62 0.00	50.70 4.25 0.00	68.51 3.82 -26.60	100.98 3.05 -68.55	97.70 3.11 -68.64	156.81 3.16 -127.19	81.73 2.95 -53.70	365.31 2.35 -343.05	72.13 2.55 -47.53	30.49 2.72 -2.52	31.34 2.63 -1.93	63.73 2.28 -37.89	43.02 2.52 -14.86
KEDC_PORT_JEFF_GT3 24211	34.83 2.43 -0.61	31.72 2.37 -1.18	31.19 2.25 0.00	30.37 2.18 0.00	26.79 1.90 0.00	23.66 1.73 0.00	30.34 1.72 -5.49	28.01 1.93 -1.66	33.44 2.42 0.00	41.85 3.28 -0.17	48.15 3.84 0.00	50.59 3.62 0.00	50.70 4.25 0.00	68.51 3.82 -26.60	100.98 3.05 -68.55	97.70 3.11 -68.64	156.81 3.16 -127.19	81.73 2.95 -53.70	365.31 2.35 -343.05	72.13 2.55 -47.53	30.49 2.72 -2.52	31.34 2.63 -1.93	63.73 2.28 -37.89	43.02 2.52 -14.86
KEDC_GLWD_GT4 24219	34.18 1.77 -0.61	30.98 1.63 -1.18	30.47 1.54 0.00	29.72 1.52 0.00	26.22 1.33 0.00	23.20 1.26 0.00	29.91 1.28 -5.49	27.64 1.55 -1.66	32.92 1.90 0.00	40.89 2.32 -0.17	47.18 2.87 0.00	49.82 2.85 0.00	49.69 3.24 0.00	67.52 2.83 -26.60	100.30 2.39 -68.53	97.09 2.51 -68.63	132.58 2.61 -103.51	81.26 2.47 -53.70	207.41 1.87 -185.62	30.56 1.92 -6.59	27.67 1.99 -0.42	30.21 1.79 -1.65	52.21 1.46 -27.20	42.13 1.63 -14.86
KEDC_GLWD_GT5 24220	34.18 1.77 -0.61	30.98 1.63 -1.18	30.47 1.54 0.00	29.72 1.52 0.00	26.22 1.33 0.00	23.20 1.26 0.00	29.91 1.28 -5.49	27.64 1.55 -1.66	32.92 1.90 0.00	40.89 2.32 -0.17	47.18 2.87 0.00	49.82 2.85 0.00	49.69 3.24 0.00	67.52 2.83 -26.60	100.30 2.39 -68.53	97.09 2.51 -68.63	132.58 2.61 -103.51	81.26 2.47 -53.70	207.41 1.87 -185.62	30.56 1.92 -6.59	27.67 1.99 -0.42	30.21 1.79 -1.65	52.21 1.46 -27.20	42.13 1.63 -14.86
KENSICO____ 23655	33.05 1.27 0.00	29.35 1.17 0.00	30.05 1.12 0.00	29.33 1.13 0.00	25.88 0.99 0.00	22.88 0.95 0.00	30.01 0.97 -5.91	27.43 1.23 -1.79	32.49 1.47 0.00	40.57 2.01 -0.17	46.76 2.45 0.00	49.45 2.47 0.00	49.24 2.79 0.00	68.72 2.36 -28.28	95.38 2.07 -63.94	39.26 2.18 -11.12	39.26 2.29 -10.51	70.06 2.10 -42.87	28.56 1.58 -7.07	26.72 1.66 -3.01	27.00 1.70 -0.04	28.49 1.49 -0.22	34.51 1.24 -9.71	29.59 1.35 -2.60
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.10 1.31 0.00	29.30 1.13 0.00	29.99 1.06 0.00	29.26 1.06 0.00	25.82 0.93 0.00	22.83 0.89 0.00	23.24 0.94 0.83	25.67 1.25 0.00	32.53 1.50 0.00	40.60 2.03 -0.17	46.93 2.62 0.00	49.77 2.80 0.00	49.56 3.11 0.00	40.92 2.63 -0.21	67.26 2.27 -35.62	39.29 2.29 -11.05	34.77 2.40 -5.91	40.63 2.32 -13.23	28.68 1.74 -7.02	26.86 1.82 -2.99	27.13 1.88 0.00	28.46 1.71 0.02	23.87 1.39 1.07	26.82 1.46 0.29
KIAC_JFK_GT1 23816	33.02 1.23 0.00	29.34 1.17 0.00	30.04 1.11 0.00	29.32 1.12 0.00	25.87 0.98 0.00	22.87 0.93 0.00	29.61 0.94 -5.54	27.23 1.13 -1.68	32.33 1.30 0.00	40.36 1.80 -0.17	46.42 2.11 0.00	49.08 2.10 0.00	48.91 2.47 0.00	66.80 2.08 -26.63	93.65 1.90 -62.38	39.13 2.02 -11.15	38.77 2.17 -10.14	67.99 1.96 -40.94	30.62 1.46 -9.24	26.72 1.53 -3.14	26.84 1.54 -0.04	28.37 1.33 -0.26	34.74 1.23 -9.96	30.01 1.42 -2.94
KIAC_JFK_GT2 23817	33.02 1.23 0.00	29.34 1.17 0.00	30.04 1.11 0.00	29.32 1.12 0.00	25.87 0.98 0.00	22.87 0.93 0.00	29.61 0.94 -5.54	27.23 1.13 -1.68	32.33 1.30 0.00	40.36 1.80 -0.17	46.42 2.11 0.00	49.08 2.10 0.00	48.91 2.47 0.00	66.80 2.08 -26.63	93.65 1.90 -62.38	39.13 2.02 -11.15	38.77 2.17 -10.14	67.99 1.96 -40.94	30.62 1.46 -9.24	26.72 1.53 -3.14	26.84 1.54 -0.04	28.37 1.33 -0.26	34.74 1.23 -9.96	30.01 1.42 -2.94
KIAC_JFK____ 323774	33.02 1.23 0.00	29.35 1.17 0.00	30.04 1.11 0.00	29.32 1.12 0.00	25.88 0.99 0.00	22.86 0.93 0.00	29.61 0.93 -5.54	27.23 1.13 -1.68	32.32 1.30 0.00	40.36 1.80 -0.17	46.43 2.12 0.00	49.08 2.10 0.00	48.91 2.47 0.00	66.79 2.08 -26.63	93.65 1.90 -62.38	39.13 2.02 -11.15	38.77 2.17 -10.14	67.99 1.97 -40.94	30.62 1.46 -9.24	26.72 1.53 -3.14	26.84 1.54 -0.04	28.37 1.33 -0.26	34.74 1.23 -9.96	30.01 1.42 -2.94
KINTIGH____ 23543	31.94 0.15 0.00	27.88 -0.30 0.00	28.45 -0.48 0.00	27.61 -0.58 0.00	24.36 -0.53 0.00	21.63 -0.31 0.00	22.76 -0.38 0.00	23.81 -0.61 0.00	30.52 -0.50 0.00	37.67 -0.74 -0.02	43.00 -0.76 0.55	45.71 -0.63 0.64	44.74 -1.01 0.69	36.84 -0.88 0.37	34.72 -0.42 -5.78	27.65 -0.09 -1.78	27.32 -0.08 -0.94	27.14 -0.07 -2.13	20.96 -0.09 -1.14	22.54 0.01 -0.49	25.52 0.27 0.00	27.21 0.48 0.05	23.90 0.35 0.00	26.05 0.40 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.26 0.47 0.00	28.43 0.25 0.00	29.17 0.23 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.91 -0.03 0.00	23.12 -0.02 0.00	24.48 0.06 0.00	31.17 0.14 0.00	38.03 -0.37 0.00	43.48 -0.83 0.00	46.35 -0.62 0.00	45.88 -0.57 0.00	37.48 -0.60 0.00	28.85 -0.52 0.00	-1.03 -0.75 26.23	-17.22 -0.51 43.17	-17.60 -0.52 42.17	3.21 -0.48 16.22	21.57 -0.48 0.00	25.34 0.09 0.00	27.19 0.41 0.00	23.57 0.01 0.00	25.36 -0.29 0.00

LACHUTE____HYDRO 323717	36.51 4.72 0.00	32.21 4.04 0.00	33.08 4.15 0.00	32.17 3.97 0.00	28.46 3.58 0.00	25.19 3.26 0.00	27.84 3.59 -1.12	28.58 3.82 -0.34	35.69 4.66 0.00	44.81 5.92 -0.49	51.02 6.71 0.00	53.78 6.80 0.00	53.26 6.81 -0.01	50.40 5.92 -6.39	152.64 4.99 -118.28	65.08 4.23 -34.89	50.19 4.06 -19.67	77.55 3.86 -48.61	45.20 3.11 -22.17	35.00 3.50 -9.45	29.09 3.83 -0.01	30.67 3.84 -0.06	29.36 3.22 -2.60	29.43 3.09 -0.69
LAWRNCV_115KV_TB1 80681	32.06 0.27 0.00	28.29 0.11 0.00	29.06 0.12 0.00	28.33 0.13 0.00	25.03 0.14 0.00	22.09 0.15 0.00	23.41 0.27 0.00	24.63 0.21 0.00	31.31 0.29 0.00	38.64 0.25 0.00	44.44 -0.30 -0.43	47.32 -0.26 -0.60	46.57 -0.53 -0.65	37.72 -0.73 -0.37	28.65 -0.73 -0.01	2.12 -1.41 22.42	-11.97 -1.53 36.90	-12.51 -1.55 36.04	4.89 -1.16 13.87	20.83 -1.22 0.00	24.06 -1.20 0.00	26.30 -0.52 -0.05	23.45 -0.10 0.00	25.52 -0.12 0.00
LEDERLE____ 23769	33.00 1.22 0.00	29.28 1.10 0.00	29.96 1.02 0.00	29.24 1.05 0.00	25.80 0.91 0.00	22.83 0.89 0.00	15.81 0.92 8.24	23.09 1.18 2.50	32.43 1.41 0.00	40.53 1.97 -0.16	46.73 2.42 0.00	49.46 2.48 0.00	49.25 2.80 0.00	5.33 2.34 35.10	30.39 2.06 1.04	38.77 2.19 -10.62	28.82 2.33 -0.03	10.33 2.14 16.89	28.29 1.62 -6.75	26.62 1.69 -2.88	26.94 1.73 0.04	28.06 1.51 0.23	14.56 1.23 10.23	24.24 1.33 2.73
LIGHTHSE_115KV_TB6 355974	31.54 -0.25 0.00	27.80 -0.37 0.00	28.46 -0.47 0.00	27.69 -0.51 0.00	24.49 -0.40 0.00	21.63 -0.31 0.00	22.80 -0.33 0.00	24.05 -0.37 0.00	30.72 -0.30 0.00	38.17 -0.30 -0.08	47.63 -0.39 -3.71	50.98 -0.53 -4.54	50.64 -0.72 -4.91	40.22 -0.70 -2.83	29.08 -0.39 -0.09	23.36 -0.39 2.21	22.31 -0.51 3.63	20.97 -0.54 3.58	18.19 -0.31 1.42	21.90 -0.15 0.00	25.11 -0.14 0.00	27.10 -0.03 -0.35	23.31 -0.25 0.00	25.29 -0.36 0.00
LINDEN COGEN____ 23786	32.87 1.08 0.00	29.14 0.97 0.00	29.83 0.89 0.00	29.14 0.94 0.00	25.73 0.85 0.00	22.77 0.84 0.00	26.63 0.86 -2.64	27.24 1.14 -1.68	32.35 1.33 0.00	39.11 1.84 1.13	44.99 2.26 1.58	49.21 2.24 0.00	47.17 2.60 1.88	-31.00 2.20 71.29	66.28 1.99 -34.92	39.23 2.13 -11.15	38.86 2.25 -10.14	68.07 2.04 -40.94	30.67 1.51 -9.24	26.79 1.60 -3.14	26.91 1.62 -0.04	28.43 1.39 -0.26	34.69 1.18 -9.96	29.88 1.29 -2.94
LINDHRST_69_KV_BK1 356055	34.81 2.41 -0.61	31.57 2.22 -1.18	31.06 2.12 0.00	30.25 2.06 0.00	26.68 1.79 0.00	23.61 1.68 0.00	30.30 1.67 -5.49	28.02 1.93 -1.66	33.47 2.44 0.00	41.78 3.22 -0.17	48.11 3.80 0.00	50.67 3.69 0.00	50.56 4.12 0.00	68.41 3.72 -26.60	100.91 3.00 -68.54	97.70 3.11 -68.63	134.90 3.19 -105.25	81.73 2.94 -53.70	219.40 2.29 -197.20	34.13 2.49 -9.60	28.49 2.66 -0.58	31.04 2.60 -1.67	53.72 2.18 -27.99	42.93 2.44 -14.86
LIPA_MISC_IPP 23656	34.81 2.41 -0.61	31.76 2.40 -1.18	31.22 2.29 0.00	30.42 2.22 0.00	26.82 1.93 0.00	23.69 1.76 0.00	30.39 1.76 -5.49	28.04 1.96 -1.66	33.42 2.40 0.00	41.86 3.30 -0.17	48.11 3.80 0.00	50.54 3.56 0.00	50.62 4.18 0.00	68.39 3.70 -26.60	100.75 2.83 -68.55	97.65 3.05 -68.64	153.19 3.13 -123.59	81.72 2.93 -53.70	341.34 2.27 -319.16	65.84 2.48 -41.31	30.12 2.66 -2.20	31.25 2.59 -1.89	62.11 2.28 -36.27	43.02 2.52 -14.86
LISF____SOLAR 323691	34.89 2.49 -0.61	31.82 2.46 -1.18	31.27 2.33 0.00	30.45 2.26 0.00	26.86 1.97 0.00	23.74 1.81 0.00	30.45 1.82 -5.49	28.11 2.03 -1.66	33.50 2.47 0.00	41.97 3.40 -0.17	48.21 3.90 0.00	50.60 3.62 0.00	50.73 4.28 0.00	68.47 3.78 -26.60	100.82 2.90 -68.55	97.71 3.11 -68.64	153.49 3.19 -123.83	81.79 3.01 -53.70	342.99 2.34 -320.74	66.33 2.55 -41.73	30.22 2.75 -2.22	31.34 2.68 -1.89	62.29 2.36 -36.38	43.09 2.59 -14.86
LITTLE FALLS____HYD 24013	31.86 0.08 0.00	28.21 0.04 0.00	28.96 0.03 0.00	28.26 0.07 0.00	24.96 0.07 0.00	22.10 0.16 0.00	23.24 0.10 0.00	24.63 0.21 0.00	31.17 0.15 0.00	38.90 0.50 0.00	44.90 0.59 0.00	47.45 0.48 0.00	47.10 0.66 0.00	38.62 0.53 0.00	29.68 0.31 0.00	28.46 0.86 -1.64	29.96 0.81 -2.69	28.43 0.72 -2.63	21.29 0.36 -1.01	22.40 0.35 0.00	25.67 0.42 0.00	27.07 0.29 0.00	23.56 0.01 0.00	25.49 -0.15 0.00
LITTLRIV_115KV_TB1 356100	32.45 0.66 0.00	28.58 0.40 0.00	29.35 0.41 0.00	28.63 0.43 0.00	25.29 0.40 0.00	22.36 0.43 0.00	23.74 0.61 0.00	24.98 0.56 0.00	31.70 0.68 0.00	39.15 0.76 0.00	45.10 0.33 -0.46	48.06 0.43 -0.65	47.24 0.09 -0.70	38.28 -0.20 -0.40	29.06 -0.33 -0.01	2.96 -1.03 21.96	-10.83 -1.15 36.14	-11.41 -1.20 35.30	5.48 -0.86 13.58	21.17 -0.88 0.00	24.47 -0.78 0.00	26.73 -0.10 -0.05	23.79 0.24 0.00	25.89 0.24 0.00
LI_NEWBRDGE____DRP 323616	34.13 1.73 -0.61	30.96 1.61 -1.18	30.44 1.51 0.00	29.67 1.48 0.00	26.17 1.28 0.00	23.16 1.23 0.00	29.83 1.20 -5.49	27.52 1.44 -1.66	32.79 1.77 0.00	40.95 2.39 -0.17	47.14 2.83 0.00	49.71 2.73 0.00	49.61 3.16 0.00	67.53 2.84 -26.60	100.25 2.34 -68.53	97.07 2.48 -68.63	132.53 2.56 -103.51	81.14 2.36 -53.70	207.34 1.81 -185.62	30.59 1.95 -6.59	27.70 2.02 -0.42	30.29 1.87 -1.65	52.31 1.56 -27.20	42.29 1.79 -14.86
LOCKPORT_115KV_TB60_63_64 80432	32.18 0.39 0.00	27.98 -0.20 0.00	28.52 -0.41 0.00	27.66 -0.53 0.00	24.39 -0.50 0.00	21.69 -0.24 0.00	22.82 -0.32 0.00	23.79 -0.63 0.00	30.54 -0.48 0.00	37.68 -0.75 -0.03	43.50 -0.81 0.00	46.37 -0.60 0.00	45.37 -1.07 0.00	37.19 -0.93 -0.04	35.26 -0.40 -6.29	27.81 -0.09 -1.95	27.45 -0.05 -1.04	27.37 -0.05 -2.33	21.12 -0.03 -1.24	22.70 0.12 -0.53	25.75 0.50 0.00	27.51 0.74 0.00	24.12 0.57 0.00	26.30 0.65 0.00
LOCKPORT____CC1 323769	32.13 0.35 0.00	27.95 -0.23 0.00	28.50 -0.44 0.00	27.63 -0.56 0.00	24.36 -0.52 0.00	21.65 -0.28 0.00	22.78 -0.36 0.00	23.75 -0.66 0.00	30.50 -0.52 0.00	37.61 -0.82 -0.03	43.42 -0.89 0.00	46.31 -0.66 0.00	45.30 -1.15 0.00	37.11 -1.01 -0.04	35.24 -0.47 -6.33	27.80 -0.12 -1.97	27.42 -0.09 -1.05	27.37 -0.07 -2.35	21.10 -0.06 -1.25	22.67 0.10 -0.53	25.72 0.47 0.00	27.46 0.68 0.00	24.08 0.53 0.00	26.25 0.61 0.00
LOCKPORT____CC2 323770	32.13 0.35 0.00	27.95 -0.23 0.00	28.50 -0.44 0.00	27.63 -0.56 0.00	24.36 -0.52 0.00	21.65 -0.28 0.00	22.78 -0.36 0.00	23.75 -0.66 0.00	30.50 -0.52 0.00	37.61 -0.82 -0.03	43.42 -0.89 0.00	46.31 -0.66 0.00	45.30 -1.15 0.00	37.11 -1.01 -0.04	35.24 -0.47 -6.33	27.80 -0.12 -1.97	27.42 -0.09 -1.05	27.37 -0.07 -2.35	21.10 -0.06 -1.25	22.67 0.10 -0.53	25.72 0.47 0.00	27.46 0.68 0.00	24.08 0.53 0.00	26.25 0.61 0.00
LOCKPORT____CC3 323771	32.13 0.35 0.00	27.95 -0.23 0.00	28.50 -0.44 0.00	27.63 -0.56 0.00	24.36 -0.52 0.00	21.65 -0.28 0.00	22.78 -0.36 0.00	23.75 -0.66 0.00	30.50 -0.52 0.00	37.61 -0.82 -0.03	43.42 -0.89 0.00	46.31 -0.66 0.00	45.30 -1.15 0.00	37.11 -1.01 -0.04	35.24 -0.47 -6.33	27.80 -0.12 -1.97	27.42 -0.09 -1.05	27.37 -0.07 -2.35	21.10 -0.06 -1.25	22.67 0.10 -0.53	25.72 0.47 0.00	27.46 0.68 0.00	24.08 0.53 0.00	26.25 0.61 0.00

LONG_LAKE_PHOENIX 24014	31.26 -0.53 0.00	27.61 -0.56 0.00	28.31 -0.63 0.00	27.57 -0.62 0.00	24.35 -0.54 0.00	21.50 -0.44 0.00	22.61 -0.52 0.00	23.87 -0.55 0.00	30.42 -0.61 0.00	37.81 -0.73 -0.15	49.12 -0.73 -5.54	52.59 -0.75 -6.37	52.58 -0.75 -6.89	41.43 -0.63 -3.97	32.52 -0.38 -3.53	26.92 -0.20 -1.17	26.96 -0.25 -0.75	26.29 -0.21 -1.41	20.45 -0.12 -0.67	22.24 -0.09 -0.29	25.12 -0.13 0.00	27.06 -0.21 -0.49	23.27 -0.28 0.00	25.25 -0.39 0.00
LOVETT___3 23632	32.78 0.99 0.00	29.10 0.93 0.00	29.79 0.85 0.00	29.08 0.88 0.00	25.66 0.77 0.00	22.69 0.76 0.00	15.30 0.76 8.59	22.81 1.00 2.61	32.19 1.17 0.00	40.21 1.65 -0.16	46.35 2.04 0.00	49.03 2.05 0.00	48.81 2.37 0.00	3.41 1.99 36.67	28.73 1.78 2.42	38.56 1.92 -10.68	28.53 2.06 -0.01	9.42 1.89 17.56	28.13 1.42 -6.79	26.42 1.48 -2.89	26.70 1.49 0.05	27.80 1.26 0.24	14.08 1.03 10.51	23.96 1.13 2.81
LOVETT___4 23642	32.78 0.99 0.00	29.10 0.93 0.00	29.79 0.85 0.00	29.08 0.88 0.00	25.66 0.77 0.00	22.69 0.76 0.00	15.30 0.76 8.59	22.81 1.00 2.61	32.19 1.17 0.00	40.21 1.65 -0.16	46.35 2.04 0.00	49.03 2.05 0.00	48.81 2.37 0.00	3.41 1.99 36.67	28.73 1.78 2.42	38.56 1.92 -10.68	28.53 2.06 -0.01	9.42 1.89 17.56	28.13 1.42 -6.79	26.42 1.48 -2.89	26.70 1.49 0.05	27.80 1.26 0.24	14.08 1.03 10.51	23.96 1.13 2.81
LOVETT___5 23593	32.78 0.99 0.00	29.10 0.93 0.00	29.79 0.85 0.00	29.08 0.88 0.00	25.66 0.77 0.00	22.69 0.76 0.00	15.30 0.76 8.59	22.81 1.00 2.61	32.19 1.17 0.00	40.21 1.65 -0.16	46.35 2.04 0.00	49.03 2.05 0.00	48.81 2.37 0.00	3.41 1.99 36.67	28.73 1.78 2.42	38.56 1.92 -10.68	28.53 2.06 -0.01	9.42 1.89 17.56	28.13 1.42 -6.79	26.42 1.48 -2.89	26.70 1.49 0.05	27.80 1.26 0.24	14.08 1.03 10.51	23.96 1.13 2.81
LOWER_RAQUET___HYD 24057	32.06 0.28 0.00	28.28 0.10 0.00	29.05 0.11 0.00	28.32 0.13 0.00	25.02 0.13 0.00	22.08 0.15 0.00	23.41 0.28 0.00	24.63 0.21 0.00	31.32 0.29 0.00	38.65 0.25 0.00	44.49 -0.31 -0.49	47.39 -0.28 -0.69	46.62 -0.57 -0.74	37.70 -0.81 -0.43	28.60 -0.79 -0.01	2.97 -1.45 21.53	-10.56 -1.60 35.43	-11.15 -1.63 34.61	5.38 -1.22 13.31	20.77 -1.27 0.00	24.01 -1.25 0.00	26.27 -0.56 -0.05	23.43 -0.12 0.00	25.52 -0.13 0.00
LOWER___HUDSON 24059	33.27 1.48 0.00	29.62 1.44 0.00	30.41 1.47 0.00	29.67 1.47 0.00	26.17 1.29 0.00	23.06 1.12 0.00	25.43 1.10 -1.21	25.99 1.21 -0.36	32.50 1.48 0.00	40.81 1.97 -0.44	46.53 2.22 0.00	49.23 2.26 0.00	48.82 2.37 -0.01	46.76 2.03 -6.65	136.85 1.61 -105.87	58.43 1.54 -30.94	45.66 1.59 -17.61	70.83 1.48 -44.26	40.77 1.20 -19.66	31.77 1.34 -8.38	26.73 1.47 -0.01	28.14 1.30 -0.06	27.38 1.05 -2.78	27.52 1.14 -0.74
LOWVILLE_115KV_TB2 356335	32.21 0.42 0.00	28.34 0.17 0.00	29.00 0.06 0.00	28.30 0.10 0.00	25.05 0.16 0.00	22.14 0.21 0.00	23.48 0.35 0.00	24.74 0.32 0.00	31.64 0.61 0.00	39.18 0.75 -0.02	46.34 0.66 -1.37	49.15 0.50 -1.68	48.49 0.23 -1.81	39.09 -0.03 -1.04	29.43 0.02 -0.04	18.68 -0.25 7.03	14.48 -0.41 11.56	13.26 -0.52 11.30	15.30 -0.25 4.36	22.05 0.00 0.00	25.37 0.12 0.00	27.30 0.39 -0.13	23.72 0.16 0.00	25.73 0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.00 2.21 0.00	30.20 2.02 0.00	31.00 2.06 0.00	30.20 2.00 0.00	26.65 1.76 0.00	23.50 1.56 0.00	25.87 1.61 -1.13	26.53 1.77 -0.34	33.21 2.19 0.00	41.79 2.90 -0.49	47.55 3.24 0.00	50.37 3.40 0.00	49.92 3.46 -0.01	47.47 2.97 -6.42	149.04 2.31 -117.36	62.67 2.12 -34.59	48.09 2.12 -19.51	75.36 1.98 -48.29	43.51 1.61 -21.98	33.22 1.81 -9.37	27.24 1.97 -0.01	28.67 1.84 -0.06	27.67 1.50 -2.61	27.92 1.58 -0.70
LUTHERNY_35_KV_BK2 355980	34.04 2.25 0.00	30.21 2.03 0.00	31.01 2.07 0.00	30.20 2.01 0.00	26.64 1.75 0.00	23.49 1.56 0.00	25.88 1.61 -1.13	26.56 1.79 -0.34	33.24 2.21 0.00	41.82 2.94 -0.49	47.58 3.27 0.00	50.48 3.50 0.00	49.96 3.50 -0.01	47.48 2.98 -6.42	149.07 2.33 -117.36	62.69 2.14 -34.59	48.13 2.16 -19.51	75.40 2.03 -48.29	43.53 1.64 -21.98	33.24 1.82 -9.37	27.25 1.99 -0.01	28.70 1.86 -0.06	27.68 1.51 -2.61	27.96 1.61 -0.70
LWR___OSWEGATCHIE_HYD 23850	32.00 0.21 0.00	28.21 0.04 0.00	28.92 -0.02 0.00	28.21 0.01 0.00	24.96 0.07 0.00	22.02 0.08 0.00	23.33 0.19 0.00	24.49 0.08 0.00	31.34 0.31 0.00	38.76 0.35 -0.02	45.36 -0.04 -1.08	48.13 -0.17 -1.32	47.38 -0.50 -1.43	38.19 -0.72 -0.82	28.80 -0.60 -0.03	10.07 -1.04 14.85	0.83 -1.20 24.43	-0.06 -1.28 23.88	9.85 -0.87 9.19	21.29 -0.76 0.00	24.55 -0.70 0.00	26.64 -0.24 -0.10	23.41 -0.14 0.00	25.44 -0.21 0.00
LYONS_FALL_HYD 23570	32.43 0.64 0.00	28.55 0.38 0.00	29.25 0.31 0.00	28.52 0.32 0.00	25.22 0.33 0.00	22.33 0.39 0.00	23.67 0.54 0.00	24.98 0.56 0.00	31.90 0.88 0.00	39.53 1.12 -0.01	46.36 1.21 -0.84	49.16 1.17 -1.01	48.56 1.02 -1.10	39.50 0.79 -0.63	30.03 0.64 -0.02	23.54 0.43 2.85	22.11 0.34 4.69	20.75 0.25 4.58	18.45 0.31 1.77	22.55 0.50 0.00	25.91 0.66 0.00	27.63 0.78 -0.08	24.08 0.53 0.00	26.13 0.49 0.00
MADISON___COUNTY_LFGE 323628	32.59 0.80 0.00	28.71 0.54 0.00	29.43 0.49 0.00	28.66 0.46 0.00	25.31 0.43 0.00	22.44 0.50 0.00	23.74 0.60 0.00	25.08 0.66 0.00	32.01 0.98 0.00	39.68 1.26 -0.02	46.63 1.51 -0.81	49.54 1.61 -0.95	49.09 1.62 -1.03	40.04 1.37 -0.59	30.45 1.05 -0.02	26.95 0.98 -0.02	27.47 0.98 -0.03	26.00 0.89 -0.02	20.64 0.72 0.00	22.96 0.91 0.00	26.39 1.14 0.00	27.96 1.11 -0.07	24.37 0.82 0.00	26.43 0.78 0.00
MALONE___115KV_TB1 356076	32.26 0.47 0.00	28.42 0.24 0.00	29.17 0.23 0.00	28.41 0.21 0.00	25.06 0.18 0.00	22.03 0.09 0.00	23.32 0.18 0.00	24.66 0.24 0.00	31.41 0.39 0.00	38.51 0.11 0.00	44.02 -0.29 0.00	46.91 -0.07 0.00	46.26 -0.19 0.00	37.75 -0.33 0.00	29.02 -0.36 0.00	0.37 -0.78 24.80	-15.03 -0.69 40.80	-15.49 -0.71 39.86	4.01 -0.58 15.33	21.48 -0.57 0.00	25.05 -0.20 0.00	26.98 0.21 0.00	23.52 -0.03 0.00	25.44 -0.21 0.00
MAPLEWOD_115KV_TB3 80458	33.14 1.35 0.00	29.50 1.32 0.00	30.29 1.35 0.00	29.53 1.34 0.00	26.06 1.17 0.00	22.96 1.02 0.00	25.27 1.00 -1.14	25.90 1.12 -0.35	32.44 1.41 0.00	40.70 1.91 -0.39	46.47 2.16 0.00	49.21 2.24 0.00	48.80 2.35 -0.01	46.59 2.02 -6.48	126.78 1.60 -95.82	55.37 1.56 -27.86	44.02 1.62 -15.94	67.01 1.49 -40.44	38.80 1.19 -17.70	30.87 1.28 -7.54	26.68 1.41 -0.01	28.05 1.21 -0.06	27.20 0.95 -2.69	27.39 1.03 -0.72
MAPLE_RIDGE_WT_1 323574	31.35 -0.44 0.00	27.62 -0.55 0.00	28.50 -0.44 0.00	27.75 -0.45 0.00	24.57 -0.32 0.00	21.61 -0.33 0.00	22.86 -0.28 0.00	24.08 -0.34 0.00	30.63 -0.39 0.00	37.83 -0.56 0.00	43.36 -0.95 0.00	46.05 -0.93 0.00	45.50 -0.95 0.00	37.26 -0.82 0.00	28.63 -0.75 0.00	-14.21 -0.88 39.28	-39.00 -0.81 64.65	-39.00 -0.94 63.15	-5.11 -0.75 24.28	21.24 -0.81 0.00	24.53 -0.72 0.00	26.24 -0.54 0.00	22.88 -0.67 0.00	24.88 -0.76 0.00

MAPLE RIDGE_WT_2 323611	31.35 -0.44 0.00	27.62 -0.55 0.00	28.50 -0.44 0.00	27.75 -0.45 0.00	24.57 -0.32 0.00	21.61 -0.33 0.00	22.86 -0.28 0.00	24.08 -0.34 0.00	30.63 -0.39 0.00	37.83 -0.56 0.00	43.36 -0.95 0.00	46.05 -0.93 0.00	45.50 -0.95 0.00	37.26 -0.82 0.00	28.63 -0.75 0.00	-14.21 -0.88 39.28	-39.00 -0.81 64.65	-39.00 -0.94 63.15	-5.11 -0.75 24.28	21.24 -0.81 0.00	24.53 -0.72 0.00	26.24 -0.54 0.00	22.88 -0.67 0.00	24.88 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	31.98 0.19 0.00	28.21 0.03 0.00	28.96 0.02 0.00	28.17 -0.03 0.00	24.83 -0.05 0.00	21.76 -0.17 0.00	22.97 -0.16 0.00	24.28 -0.13 0.00	30.95 -0.08 0.00	37.81 -0.58 0.00	43.24 -1.07 0.00	46.14 -0.83 0.00	45.59 -0.85 0.00	37.24 -0.85 0.00	28.62 -0.75 0.00	-1.40 -1.00 26.36	-17.73 -0.82 43.37	-18.13 -0.85 42.36	2.89 -0.73 16.29	21.27 -0.77 0.00	24.92 -0.33 0.00	26.75 -0.02 0.00	23.22 -0.33 0.00	25.03 -0.61 0.00
MARSHVLE_115KV_TB1 80742	34.14 2.35 0.00	30.13 1.95 0.00	30.88 1.94 0.00	30.07 1.88 0.00	26.55 1.67 0.00	23.40 1.46 0.00	25.64 1.72 -0.78	26.48 1.82 -0.24	33.39 2.37 0.00	41.80 2.97 -0.43	47.69 3.38 0.00	50.35 3.37 0.00	49.80 3.35 -0.01	45.63 2.84 -4.71	134.71 2.36 -102.98	58.73 2.13 -30.64	45.08 2.22 -16.40	64.50 2.06 -37.36	41.05 1.67 -19.47	32.16 1.81 -8.30	27.29 2.03 -0.01	29.12 2.30 -0.04	27.40 1.99 -1.85	28.25 2.11 -0.50
MARSH_HILL_WT_PWR 323713	32.31 0.52 0.00	28.29 0.11 0.00	29.01 0.07 0.00	27.95 -0.24 0.00	24.57 -0.32 0.00	21.71 -0.23 0.00	22.54 -0.60 0.00	23.86 -0.56 0.00	30.96 -0.06 0.00	38.21 -0.23 -0.04	44.02 -0.29 0.00	47.43 0.45 0.00	46.73 0.28 0.00	37.71 -0.42 -0.05	37.42 -0.45 -8.50	28.56 -0.03 -2.64	27.98 0.10 -1.41	28.73 0.49 -3.16	22.04 0.45 -1.68	23.40 0.64 -0.71	26.08 0.82 0.00	27.97 1.20 0.00	24.39 0.83 0.00	26.39 0.74 0.00
MCINTYRE_115KV_TB2 80467	32.61 0.82 0.00	28.75 0.57 0.00	29.55 0.61 0.00	28.81 0.61 0.00	25.45 0.56 0.00	22.50 0.56 0.00	23.88 0.74 0.00	25.11 0.69 0.00	31.80 0.77 0.00	39.28 0.89 0.00	45.26 0.54 -0.41	48.23 0.68 -0.58	47.39 0.33 -0.63	38.48 0.04 -0.36	29.25 -0.13 -0.01	2.44 -0.85 22.66	-11.75 -0.93 37.28	-12.31 -0.97 36.42	5.25 -0.66 14.01	21.39 -0.66 0.00	24.72 -0.53 0.00	26.94 0.13 -0.04	23.95 0.40 0.00	26.03 0.39 0.00
MECO____69_KV_BK1 80468	35.47 3.68 0.00	30.90 2.72 0.00	31.58 2.65 0.00	30.75 2.56 0.00	27.17 2.28 0.00	24.30 2.36 0.00	26.73 2.72 -0.88	27.39 2.71 -0.27	34.69 3.67 0.00	43.30 4.44 -0.46	48.99 4.68 0.00	52.10 5.12 0.00	51.35 4.90 -0.01	47.63 4.34 -5.21	142.78 3.29 -110.12	61.98 3.31 -32.72	47.54 3.58 -17.50	68.47 3.48 -39.91	43.47 2.76 -20.79	33.95 3.05 -8.86	28.72 3.46 -0.01	30.43 3.61 -0.05	28.66 3.04 -2.06	29.33 3.14 -0.55
MENANDS__115KV_TB5 355628	32.75 0.96 0.00	29.19 1.01 0.00	29.98 1.05 0.00	29.25 1.05 0.00	25.81 0.92 0.00	22.73 0.80 0.00	25.02 0.73 -1.15	25.62 0.84 -0.36	32.06 1.03 0.00	40.18 1.41 -0.37	45.90 1.59 0.00	48.57 1.59 0.00	48.18 1.73 -0.01	46.07 1.47 -6.52	121.69 1.18 -91.14	53.52 1.18 -26.39	42.86 1.23 -15.16	64.96 1.11 -38.76	37.57 0.89 -16.77	30.15 0.96 -7.14	26.33 1.06 -0.01	27.67 0.83 -0.06	26.92 0.64 -2.73	27.09 0.72 -0.73
MG INDUSTRY__DRP 24185	32.79 1.01 0.00	29.23 1.06 0.00	30.06 1.13 0.00	29.33 1.13 0.00	25.89 1.00 0.00	22.78 0.85 0.00	24.97 0.80 -1.04	25.63 0.88 -0.33	32.08 1.06 0.00	40.10 1.41 -0.29	45.86 1.55 0.00	48.48 1.50 0.00	48.00 1.55 0.00	45.33 1.30 -5.94	101.41 1.01 -71.02	47.29 1.04 -20.29	39.34 1.06 -11.82	56.99 0.97 -30.93	33.58 0.78 -12.90	28.38 0.84 -5.49	26.20 0.94 -0.01	27.58 0.75 -0.05	26.54 0.57 -2.41	26.96 0.67 -0.64
MID__OSWEGATCHIE_HYD 23849	32.00 0.21 0.00	28.21 0.04 0.00	28.92 -0.02 0.00	28.21 0.01 0.00	24.96 0.07 0.00	22.02 0.08 0.00	23.33 0.19 0.00	24.49 0.08 0.00	31.34 0.31 0.00	38.76 0.35 -0.02	45.36 -0.04 -1.08	48.13 -0.17 -1.32	47.38 -0.50 -1.43	38.19 -0.72 -0.82	28.80 -0.60 -0.03	10.07 -1.04 14.85	0.83 -1.20 24.43	-0.06 -1.28 23.88	9.85 -0.87 9.19	21.29 -0.76 0.00	24.55 -0.70 0.00	26.64 -0.24 -0.10	23.41 -0.14 0.00	25.44 -0.21 0.00
MID__RAQUETTE_HYD 23851	32.06 0.28 0.00	28.28 0.10 0.00	29.05 0.11 0.00	28.32 0.12 0.00	25.02 0.13 0.00	22.08 0.15 0.00	23.41 0.28 0.00	24.63 0.21 0.00	31.32 0.29 0.00	38.65 0.25 0.00	44.49 -0.31 -0.49	47.39 -0.28 -0.69	46.61 -0.58 -0.74	37.70 -0.81 -0.43	28.60 -0.79 -0.01	2.97 -1.46 21.53	-10.56 -1.60 35.43	-11.15 -1.63 34.61	5.38 -1.22 13.31	20.77 -1.28 0.00	24.01 -1.25 0.00	26.27 -0.56 -0.05	23.43 -0.12 0.00	25.51 -0.13 0.00
MILLIKEN__1 23584	32.48 0.69 0.00	28.64 0.46 0.00	29.37 0.44 0.00	28.55 0.35 0.00	25.20 0.32 0.00	22.28 0.35 0.00	23.50 0.37 0.00	24.85 0.44 0.00	31.69 0.67 0.00	39.24 0.76 -0.08	47.20 1.03 -1.86	50.36 1.24 -2.15	49.88 1.11 -2.33	40.32 0.85 -1.38	38.70 0.80 -8.53	29.45 0.83 -2.67	28.79 0.86 -1.47	29.14 0.86 -3.20	22.31 0.72 -1.67	23.61 0.85 -0.71	26.26 1.01 0.00	27.94 1.01 -0.17	24.28 0.72 0.00	26.28 0.64 0.00
MILLIKEN__2 23585	32.48 0.69 0.00	28.64 0.46 0.00	29.37 0.44 0.00	28.55 0.35 0.00	25.20 0.32 0.00	22.28 0.35 0.00	23.50 0.37 0.00	24.85 0.44 0.00	31.69 0.67 0.00	39.24 0.76 -0.08	47.20 1.03 -1.86	50.36 1.24 -2.15	49.88 1.11 -2.33	40.32 0.85 -1.38	38.70 0.80 -8.53	29.45 0.83 -2.67	28.79 0.86 -1.47	29.14 0.86 -3.20	22.31 0.72 -1.67	23.61 0.85 -0.71	26.26 1.01 0.00	27.94 1.01 -0.17	24.28 0.72 0.00	26.28 0.64 0.00
MILLIKEN__DIESEL 23629	32.48 0.69 0.00	28.64 0.46 0.00	29.37 0.44 0.00	28.55 0.35 0.00	25.20 0.32 0.00	22.28 0.35 0.00	23.50 0.37 0.00	24.85 0.44 0.00	31.69 0.67 0.00	39.24 0.76 -0.08	47.20 1.03 -1.86	50.36 1.24 -2.15	49.88 1.11 -2.33	40.32 0.85 -1.38	38.70 0.80 -8.53	29.45 0.83 -2.67	28.79 0.86 -1.47	29.14 0.86 -3.20	22.31 0.72 -1.67	23.61 0.85 -0.71	26.26 1.01 0.00	27.94 1.01 -0.17	24.28 0.72 0.00	26.28 0.64 0.00
MILLSEAT__LFGE 323607	32.75 0.96 0.00	28.46 0.28 0.00	29.02 0.08 0.00	28.15 -0.05 0.00	24.82 -0.06 0.00	22.10 0.16 0.00	23.29 0.16 0.00	24.35 -0.07 0.00	31.23 0.21 0.00	38.52 0.10 -0.03	44.56 0.25 0.00	47.63 0.65 0.00	46.51 0.06 0.00	38.20 0.08 -0.04	35.89 0.44 -6.08	28.47 0.63 -1.89	28.14 0.67 -1.01	27.92 0.58 -2.26	21.60 0.49 -1.20	23.20 0.64 -0.51	26.33 1.07 0.00	28.11 1.33 0.00	24.60 1.04 0.00	26.76 1.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.98 1.20 0.00	29.29 1.12 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.83 0.95 0.00	22.83 0.90 0.00	30.22 0.92 -6.17	27.46 1.17 -1.87	32.42 1.39 0.00	40.47 1.91 -0.17	46.65 2.34 0.00	49.33 2.35 0.00	49.12 2.67 0.00	69.79 2.26 -29.45	96.30 1.99 -64.94	39.12 2.10 -11.07	56.78 2.22 -28.10	174.64 2.04 -147.52	28.48 1.53 -7.03	26.65 1.60 -3.00	26.94 1.64 -0.04	28.43 1.43 -0.22	34.57 1.18 -9.83	29.56 1.29 -2.63

MILLWOOD_13_KV_LOAD 356217	33.08 1.29 0.00	29.37 1.20 0.00	30.07 1.14 0.00	29.36 1.16 0.00	25.90 1.01 0.00	22.89 0.95 0.00	30.29 0.99 -6.17	27.53 1.25 -1.87	32.52 1.50 0.00	40.62 2.05 -0.17	46.81 2.50 0.00	49.52 2.54 0.00	49.29 2.84 0.00	69.93 2.40 -29.45	96.42 2.10 -64.94	39.22 2.20 -11.07	56.89 2.33 -28.10	174.74 2.14 -147.52	28.56 1.61 -7.03	26.73 1.69 -3.00	27.03 1.73 -0.04	28.52 1.53 -0.22	34.64 1.25 -9.83	29.64 1.37 -2.63
MODEL_CITY_ENERGY 24167	31.87 0.08 0.00	27.69 -0.48 0.00	28.24 -0.69 0.00	27.40 -0.80 0.00	24.16 -0.73 0.00	21.49 -0.45 0.00	22.59 -0.54 0.00	23.54 -0.88 0.00	30.21 -0.82 0.00	37.26 -1.17 -0.03	42.97 -1.34 0.00	45.85 -1.13 0.00	44.87 -1.58 0.00	36.77 -1.35 -0.04	35.04 -0.73 -6.40	27.56 -0.37 -1.98	27.18 -0.34 -1.06	27.16 -0.31 -2.38	20.93 -0.25 -1.26	22.47 -0.11 -0.54	25.46 0.21 0.00	27.22 0.45 0.00	23.87 0.31 0.00	26.05 0.40 0.00
MODERN_LFGE_ 323580	31.87 0.08 0.00	27.69 -0.48 0.00	28.24 -0.69 0.00	27.40 -0.80 0.00	24.16 -0.73 0.00	21.49 -0.45 0.00	22.59 -0.54 0.00	23.54 -0.88 0.00	30.21 -0.82 0.00	37.26 -1.17 -0.03	42.97 -1.34 0.00	45.85 -1.13 0.00	44.87 -1.58 0.00	36.77 -1.35 -0.04	35.04 -0.73 -6.40	27.56 -0.37 -1.98	27.18 -0.34 -1.06	27.16 -0.31 -2.38	20.93 -0.25 -1.26	22.47 -0.11 -0.54	25.46 0.21 0.00	27.22 0.45 0.00	23.87 0.31 0.00	26.05 0.40 0.00
MOHAWK_PAPER___DRP 24187	33.14 1.35 0.00	29.50 1.32 0.00	30.29 1.35 0.00	29.53 1.34 0.00	26.06 1.17 0.00	22.96 1.02 0.00	25.27 1.00 -1.14	25.90 1.12 -0.35	32.44 1.41 0.00	40.70 1.91 -0.39	46.47 2.16 0.00	49.21 2.24 0.00	48.80 2.35 -0.01	46.59 2.02 -6.48	126.78 1.60 -95.82	55.37 1.56 -27.86	44.02 1.62 -15.94	67.01 1.49 -40.44	38.80 1.19 -17.70	30.87 1.28 -7.54	26.68 1.41 -0.01	28.05 1.21 -0.06	27.20 0.95 -2.69	27.39 1.03 -0.72
MOHICAN___35_KV_115KV_LD 80490	34.72 2.93 0.00	30.78 2.61 0.00	31.59 2.65 0.00	30.76 2.56 0.00	27.16 2.27 0.00	23.97 2.03 0.00	26.42 2.16 -1.13	27.10 2.34 -0.34	33.88 2.85 0.00	42.64 3.76 -0.49	48.40 4.10 0.00	51.24 4.26 0.00	50.84 4.38 -0.01	48.27 3.79 -6.40	150.12 2.85 -117.90	63.17 2.45 -34.77	48.38 2.32 -19.60	75.71 2.14 -48.48	43.83 1.82 -22.09	33.58 2.12 -9.41	27.58 2.31 -0.01	29.00 2.16 -0.06	27.93 1.77 -2.61	28.11 1.77 -0.70
MONGAUP___HYD 23641	33.22 1.43 0.00	29.27 1.09 0.00	29.94 1.00 0.00	29.21 1.01 0.00	25.77 0.88 0.00	22.84 0.90 0.00	18.72 0.95 5.36	23.91 1.13 1.64	32.42 1.39 0.00	40.39 1.84 -0.15	46.65 2.34 0.00	49.46 2.49 0.00	49.07 2.63 0.00	18.24 2.11 21.96	41.05 1.78 -9.90	37.67 1.78 -9.94	30.06 2.06 -1.54	11.42 1.97 15.64	27.71 1.48 -6.32	26.29 1.55 -2.69	26.86 1.64 0.03	28.09 1.49 0.17	17.09 1.24 7.70	24.91 1.33 2.06
MONTAUK___DIESEL 23721	36.18 3.78 -0.61	33.12 3.76 -1.18	32.61 3.67 0.00	31.77 3.57 0.00	27.95 3.07 0.00	24.65 2.71 0.00	31.43 2.81 -5.49	29.15 3.07 -1.66	34.91 3.89 0.00	43.92 5.36 -0.17	50.56 6.25 0.00	53.18 6.21 0.00	53.41 6.96 0.00	70.60 5.91 -26.60	101.92 4.00 -68.55	98.97 4.38 -68.64	154.73 4.57 -123.70	83.25 4.46 -53.70	343.18 3.41 -319.86	67.32 3.77 -41.50	31.61 4.15 -2.21	32.72 4.06 -1.89	63.38 3.51 -36.32	44.23 3.73 -14.86
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.18 0.40 0.00	28.21 0.04 0.00	28.53 -0.41 0.00	27.42 -0.77 0.00	24.18 -0.71 0.00	21.41 -0.53 0.00	22.81 -0.32 0.00	24.30 -0.12 0.00	31.24 0.22 0.00	38.98 0.55 -0.03	45.58 1.27 0.00	48.37 1.40 0.00	47.27 0.83 0.00	38.67 0.54 -0.04	37.60 0.89 -7.33	29.42 1.19 -2.27	28.89 1.22 -1.22	29.04 1.23 -2.72	21.83 0.47 -1.44	23.23 0.57 -0.61	25.83 0.58 0.00	27.67 0.90 0.00	24.35 0.79 0.00	26.72 1.08 0.00
MORTIMER_115KV_TB3 55949	32.29 0.51 0.00	28.27 0.09 0.00	28.88 -0.06 0.00	28.05 -0.15 0.00	24.75 -0.14 0.00	21.94 0.00 0.00	23.10 -0.04 0.00	24.26 -0.16 0.00	31.03 0.01 0.00	38.37 -0.05 -0.03	44.42 0.11 0.00	47.38 0.40 0.00	46.59 0.15 0.00	38.02 0.16 0.23	34.98 0.38 -5.23	28.11 0.54 -1.61	27.84 0.52 -0.85	27.45 0.43 -1.93	21.28 0.33 -1.03	22.90 0.42 -0.44	25.92 0.67 0.00	27.54 0.81 0.04	24.14 0.59 0.00	26.23 0.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.11 1.32 0.00	29.40 1.23 0.00	30.09 1.15 0.00	29.37 1.17 0.00	25.92 1.03 0.00	22.92 0.98 0.00	29.70 1.03 -5.54	27.41 1.31 -1.68	32.59 1.57 0.00	40.72 2.15 -0.17	46.93 2.62 0.00	49.60 2.62 0.00	49.41 2.97 0.00	67.21 2.51 -26.61	93.94 2.20 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.24 2.20 -40.95	30.94 1.65 -9.37	26.94 1.74 -3.15	27.09 1.80 -0.04	28.62 1.58 -0.27	34.87 1.33 -9.99	30.06 1.45 -2.97
MUNSVILLE_WIND_PWR 323609	34.04 2.25 0.00	29.83 1.66 0.00	30.65 1.72 0.00	29.82 1.63 0.00	26.35 1.46 0.00	23.33 1.39 0.00	24.69 1.55 0.00	26.21 1.79 0.00	33.65 2.62 0.00	41.62 3.13 -0.10	49.04 3.58 -1.16	52.31 4.00 -1.34	51.93 4.04 -1.45	41.89 2.89 -0.91	47.26 2.45 -15.44	32.91 2.15 -4.80	31.08 2.03 -2.60	32.89 2.06 -5.75	24.52 1.57 -3.04	25.29 1.94 -1.29	27.94 2.69 0.00	29.69 2.81 -0.10	25.77 2.22 0.00	27.75 2.11 0.00
N SALMON___HYD 24042	32.26 0.47 0.00	28.42 0.25 0.00	29.17 0.23 0.00	28.41 0.21 0.00	25.06 0.18 0.00	22.03 0.09 0.00	23.32 0.18 0.00	24.66 0.24 0.00	31.41 0.39 0.00	38.51 0.11 0.00	44.02 -0.29 0.00	46.91 -0.06 0.00	46.26 -0.18 0.00	37.75 -0.33 0.00	29.02 -0.36 0.00	0.37 -0.78 24.80	-15.03 -0.69 40.80	-15.49 -0.71 39.86	4.01 -0.58 15.33	21.48 -0.57 0.00	25.05 -0.20 0.00	26.98 0.21 0.00	23.52 -0.03 0.00	25.44 -0.21 0.00
N.AKRON___115KV_KNAPP 355671	32.65 0.86 0.00	28.36 0.19 0.00	28.92 -0.02 0.00	28.04 -0.15 0.00	24.73 -0.16 0.00	22.01 0.08 0.00	23.19 0.06 0.00	24.24 -0.18 0.00	31.09 0.07 0.00	38.38 -0.05 -0.03	44.35 0.04 0.00	47.37 0.40 0.00	46.28 -0.17 0.00	37.99 -0.13 -0.04	35.80 0.27 -6.16	28.33 0.46 -1.91	27.98 0.49 -1.02	27.81 0.44 -2.29	21.49 0.37 -1.21	23.11 0.54 -0.52	26.21 0.96 0.00	27.98 1.21 0.00	24.53 0.97 0.00	26.69 1.04 0.00
N.BELMOR_69_KV_BK1 55787	34.40 1.99 -0.61	31.20 1.85 -1.18	30.69 1.76 0.00	29.92 1.72 0.00	26.37 1.49 0.00	23.35 1.42 0.00	30.03 1.41 -5.49	27.74 1.66 -1.66	33.07 2.05 0.00	41.20 2.64 -0.17	47.40 3.09 0.00	50.01 3.04 0.00	49.93 3.48 0.00	67.82 3.13 -26.60	100.47 2.56 -68.53	97.28 2.69 -68.63	132.75 2.78 -103.51	81.36 2.58 -53.70	207.55 2.01 -185.62	30.82 2.18 -6.59	28.02 2.35 -0.42	30.61 2.19 -1.65	52.52 1.76 -27.20	42.49 1.99 -14.86
N.E._GEN_SANDY PD 24062	65.14 1.18 -32.17	68.66 1.20 -39.29	60.31 1.20 -30.18	52.10 1.23 -22.68	39.04 1.08 -13.07	42.19 0.95 -19.30	35.36 0.92 -11.31	44.52 1.08 -19.02	65.10 1.27 -32.81	57.78 1.70 -17.70	48.02 1.96 -1.76	49.21 1.96 -0.28	49.24 2.16 -0.63	50.25 1.83 -10.33	97.95 1.55 -67.04	53.16 1.58 -25.63	38.50 1.65 -10.39	57.01 1.52 -30.41	77.45 1.21 -56.33	125.92 1.29 -102.59	165.91 1.37 -139.28	175.68 1.19 -147.71	168.62 0.97 -144.10	101.08 1.09 -74.35

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.84 1.05 0.00	29.15 0.98 0.00	29.83 0.89 0.00	29.13 0.94 0.00	25.70 0.81 0.00	22.73 0.79 0.00	15.50 0.81 8.44	22.90 1.04 2.56	32.26 1.23 0.00	40.30 1.74 -0.16	46.46 2.15 0.00	49.16 2.18 0.00	48.94 2.49 0.00	4.21 2.11 35.98	29.42 1.86 1.82	38.62 2.01 -10.66	28.62 2.14 -0.02	9.80 1.96 17.25	28.17 1.48 -6.77	26.47 1.54 -2.89	26.77 1.56 0.05	27.87 1.33 0.23	14.26 1.09 10.39	24.05 1.18 2.78
N. QUEENS_27_KV_LOAD 356247	33.06 1.27 0.00	29.40 1.22 0.00	30.02 1.08 0.00	29.31 1.12 0.00	25.90 1.01 0.00	22.93 1.00 0.00	29.70 1.02 -5.54	27.37 1.27 -1.68	32.52 1.50 0.00	40.60 2.04 -0.17	46.78 2.47 0.00	49.54 2.56 0.00	49.39 2.94 0.00	67.18 2.47 -26.62	93.94 2.20 -62.37	39.45 2.34 -11.15	39.01 2.41 -10.14	68.21 2.18 -40.95	30.87 1.65 -9.31	26.91 1.71 -3.14	27.07 1.77 -0.04	28.60 1.56 -0.26	34.88 1.35 -9.97	30.07 1.47 -2.96
N. TROY___115KV_TB1 355778	33.26 1.48 0.00	29.62 1.44 0.00	30.41 1.47 0.00	29.67 1.47 0.00	26.18 1.29 0.00	23.06 1.12 0.00	25.43 1.09 -1.21	25.99 1.21 -0.36	32.50 1.48 0.00	40.81 1.98 -0.44	46.53 2.22 0.00	49.23 2.26 0.00	48.82 2.37 -0.01	46.76 2.03 -6.65	136.85 1.61 -105.87	58.43 1.54 -30.94	45.66 1.59 -17.61	70.83 1.49 -44.26	40.77 1.20 -19.66	31.77 1.34 -8.38	26.73 1.46 -0.01	28.14 1.30 -0.06	27.38 1.05 -2.78	27.52 1.14 -0.74
NARROWS_GT1_1 24228	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT1_2 24229	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT1_3 24230	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT1_4 24231	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT1_5 24232	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT1_6 24233	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT1_7 24234	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT1_8 24235	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT2_1 24236	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT2_2 24237	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT2_3 24238	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT2_4 24239	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96

NARROWS_GT2_5 24240	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT2_6 24241	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT2_7 24242	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NARROWS_GT2_8 24243	33.10 1.31 0.00	29.39 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.88 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.42 1.33 -1.68	32.65 1.63 0.00	40.81 2.24 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.57 3.12 0.00	67.38 2.67 -26.62	94.06 2.31 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.76 -9.31	27.08 1.89 -3.14	27.23 1.94 -0.04	28.78 1.74 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.46 1.67 0.00	29.77 1.60 0.00	30.61 1.68 0.00	29.85 1.65 0.00	26.34 1.45 0.00	23.20 1.27 0.00	25.21 1.27 -0.81	26.08 1.39 -0.27	32.77 1.74 0.00	40.98 2.30 -0.27	46.77 2.47 0.00	49.46 2.48 0.00	48.92 2.47 0.00	45.27 2.16 -5.03	97.40 1.58 -66.45	46.60 1.49 -19.15	38.21 1.50 -10.25	50.30 1.46 -23.76	33.24 1.15 -12.17	28.52 1.28 -5.19	26.76 1.50 -0.01	28.09 1.27 -0.04	26.37 0.92 -1.89	27.14 0.99 -0.51
NCHELSEA_115KV_TR2 355582	33.31 1.52 0.00	29.56 1.39 0.00	30.28 1.35 0.00	29.55 1.36 0.00	26.07 1.18 0.00	23.03 1.10 0.00	24.28 1.14 0.00	26.13 1.46 -0.25	32.81 1.79 0.00	40.92 2.35 -0.17	47.12 2.81 0.00	49.85 2.87 0.00	49.59 3.14 0.00	44.34 2.66 -3.60	71.41 2.24 -39.79	39.56 2.31 -11.29	34.94 2.44 -6.04	41.54 2.28 -14.18	28.81 1.72 -7.17	26.91 1.80 -3.06	27.14 1.88 -0.01	28.52 1.69 -0.05	27.19 1.39 -2.25	27.73 1.49 -0.60
NEG CAPITAL___MECHNVIL 23645	33.99 2.20 0.00	30.20 2.03 0.00	30.99 2.05 0.00	30.20 2.00 0.00	26.65 1.76 0.00	23.49 1.56 0.00	25.89 1.60 -1.16	26.54 1.77 -0.35	33.24 2.21 0.00	41.81 2.94 -0.47	47.62 3.31 0.00	50.47 3.49 0.00	50.03 3.57 -0.01	47.64 3.06 -6.49	146.19 2.40 -114.41	61.81 2.21 -33.65	47.72 2.23 -19.02	74.44 2.08 -47.28	42.98 1.68 -21.38	33.03 1.87 -9.11	27.31 2.05 -0.01	28.74 1.91 -0.06	27.77 1.55 -2.67	28.00 1.64 -0.71
NEG CENTRAL_HIGH_ACRES 23767	31.67 -0.12 0.00	27.77 -0.40 0.00	28.38 -0.55 0.00	27.58 -0.62 0.00	24.33 -0.55 0.00	21.56 -0.37 0.00	22.73 -0.40 0.00	23.90 -0.51 0.00	30.58 -0.44 0.00	37.86 -0.58 -0.04	44.34 -0.48 -0.51	47.32 -0.24 -0.58	46.66 -0.42 -0.63	38.18 -0.29 -0.39	34.51 0.01 -5.13	27.75 0.19 -1.60	27.50 0.17 -0.87	27.11 0.12 -1.91	21.00 0.08 -1.01	22.56 0.09 -0.43	25.47 0.21 0.00	27.10 0.28 -0.04	23.67 0.12 0.00	25.68 0.04 0.00
NEG CENTRAL___DRP 24199	32.16 0.37 0.00	28.32 0.15 0.00	29.00 0.07 0.00	28.15 -0.04 0.00	24.85 -0.03 0.00	22.00 0.06 0.00	23.20 0.07 0.00	24.51 0.09 0.00	31.26 0.24 0.00	38.69 0.22 -0.07	46.44 0.37 -1.75	49.56 0.56 -2.03	49.15 0.52 -2.19	39.71 0.34 -1.28	35.40 0.48 -5.54	28.34 0.65 -1.74	28.11 0.68 -0.97	27.86 0.69 -2.09	21.52 0.52 -1.09	23.06 0.55 -0.46	25.92 0.67 0.00	27.63 0.70 -0.16	24.03 0.48 0.00	26.02 0.38 0.00
NEG CENTRAL___INDECK 23768	33.31 1.52 0.00	29.07 0.89 0.00	29.70 0.76 0.00	28.75 0.56 0.00	25.36 0.47 0.00	22.33 0.40 0.00	23.23 0.09 0.00	24.64 0.22 0.00	31.02 -0.01 0.00	37.91 -0.52 -0.03	43.75 -0.56 0.00	46.63 -0.35 0.00	45.79 -0.66 0.00	37.56 -0.57 -0.04	36.17 -0.39 -7.19	28.35 0.16 -2.23	28.04 0.39 -1.20	28.17 0.41 -2.67	21.55 0.22 -1.42	22.98 0.33 -0.60	25.93 0.68 0.00	27.70 0.93 0.00	24.17 0.61 0.00	26.13 0.49 0.00
NEG CENTRAL___SENECA 23627	32.37 0.58 0.00	28.44 0.27 0.00	29.10 0.16 0.00	28.22 0.03 0.00	24.92 0.04 0.00	22.10 0.17 0.00	23.32 0.18 0.00	24.63 0.21 0.00	31.44 0.41 0.00	38.86 0.41 -0.05	45.67 0.59 -0.78	48.70 0.83 -0.90	48.19 0.78 -0.97	39.17 0.50 -0.59	36.16 0.67 -6.12	28.73 0.87 -1.91	28.39 0.89 -1.04	28.27 0.90 -2.29	21.78 0.66 -1.21	23.31 0.75 -0.51	26.17 0.92 0.00	27.82 0.98 -0.07	24.26 0.70 0.00	26.25 0.61 0.00
NEG CENTRAL___STATE_STREET 24147	32.21 0.43 0.00	28.58 0.40 0.00	29.36 0.42 0.00	28.53 0.33 0.00	25.18 0.30 0.00	22.11 0.18 0.00	23.32 0.19 0.00	24.64 0.22 0.00	31.39 0.36 0.00	38.90 0.41 -0.08	47.54 0.62 -2.61	50.78 0.79 -3.02	50.33 0.62 -3.26	40.49 0.51 -1.90	35.36 0.55 -5.44	28.35 0.67 -1.72	28.16 0.71 -0.98	27.86 0.71 -2.07	21.56 0.59 -1.06	23.06 0.56 -0.45	25.96 0.71 0.00	27.72 0.71 -0.23	24.02 0.47 0.00	26.02 0.37 0.00
NEG MILLWOOD___DRP 24198	33.38 1.60 0.00	29.63 1.46 0.00	30.34 1.41 0.00	29.60 1.41 0.00	26.12 1.23 0.00	23.08 1.15 0.00	26.26 1.21 -1.92	26.57 1.51 -0.64	32.87 1.85 0.00	41.03 2.46 -0.17	47.29 2.98 0.00	50.03 3.06 0.00	49.81 3.36 0.00	51.21 2.82 -10.31	78.54 2.41 -46.76	39.80 2.47 -11.37	36.86 2.58 -7.81	52.98 2.43 -25.47	29.04 1.90 -7.23	27.08 1.95 -3.08	27.28 2.01 -0.02	28.71 1.82 -0.12	30.18 1.49 -5.14	28.62 1.60 -1.37
NEG NORTH_FLCN_SEA 23793	32.23 0.44 0.00	28.42 0.24 0.00	29.18 0.24 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.88 -0.05 0.00	23.05 -0.08 0.00	24.37 -0.05 0.00	31.01 -0.01 0.00	37.86 -0.54 0.00	43.27 -1.04 0.00	46.13 -0.85 0.00	45.65 -0.80 0.00	37.27 -0.81 0.00	28.71 -0.66 0.00	-1.23 -0.88 26.30	-17.44 -0.63 43.28	-17.82 -0.64 42.27	3.07 -0.59 16.25	21.45 -0.60 0.00	25.24 -0.01 0.00	27.12 0.34 0.00	23.54 -0.01 0.00	25.32 -0.32 0.00
NEG NORTH_KES_CHATEGAY 23792	31.97 0.18 0.00	28.20 0.02 0.00	28.95 0.02 0.00	28.18 -0.02 0.00	24.85 -0.04 0.00	21.80 -0.14 0.00	23.02 -0.12 0.00	24.35 -0.07 0.00	31.01 -0.01 0.00	37.90 -0.50 0.00	43.34 -0.97 0.00	46.22 -0.75 0.00	45.67 -0.77 0.00	37.28 -0.81 0.00	28.65 -0.72 0.00	-0.93 -0.99 25.90	-17.00 -0.84 42.62	-17.40 -0.86 41.63	3.18 -0.73 16.01	21.28 -0.77 0.00	24.94 -0.31 0.00	26.78 0.00 0.00	23.22 -0.33 0.00	25.07 -0.57 0.00

NEG NORTH___ALICE_FALLS 23915	32.26 0.47 0.00	28.43 0.25 0.00	29.17 0.23 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.91 -0.03 0.00	23.12 -0.02 0.00	24.48 0.06 0.00	31.17 0.14 0.00	38.03 -0.37 0.00	43.48 -0.83 0.00	46.35 -0.62 0.00	45.88 -0.57 0.00	37.48 -0.60 0.00	28.85 -0.52 0.00	-1.03 -0.75 26.23	-17.22 -0.51 43.17	-17.60 -0.52 42.17	3.21 -0.48 16.22	21.57 -0.48 0.00	25.34 0.09 0.00	27.19 0.41 0.00	23.57 0.01 0.00	25.36 -0.29 0.00
NEG NORTH___LWR_SARANAC 23913	32.26 0.47 0.00	28.43 0.25 0.00	29.17 0.23 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.91 -0.03 0.00	23.12 -0.02 0.00	24.48 0.06 0.00	31.17 0.14 0.00	38.03 -0.37 0.00	43.48 -0.83 0.00	46.35 -0.62 0.00	45.88 -0.57 0.00	37.48 -0.60 0.00	28.85 -0.52 0.00	-1.03 -0.75 26.23	-17.22 -0.51 43.17	-17.60 -0.52 42.17	3.21 -0.48 16.22	21.57 -0.48 0.00	25.34 0.09 0.00	27.19 0.41 0.00	23.57 0.01 0.00	25.36 -0.29 0.00
NEG NORTH___PLATTSBURG 23628	32.25 0.47 0.00	28.43 0.25 0.00	29.17 0.23 0.00	28.39 0.19 0.00	25.00 0.12 0.00	21.91 -0.03 0.00	23.12 -0.02 0.00	24.48 0.06 0.00	31.17 0.14 0.00	38.03 -0.37 0.00	43.48 -0.83 0.00	46.35 -0.62 0.00	45.88 -0.57 0.00	37.48 -0.60 0.00	28.85 -0.52 0.00	-1.03 -0.75 26.23	-17.22 -0.51 43.17	-17.60 -0.52 42.17	3.21 -0.48 16.22	21.57 -0.48 0.00	25.34 0.09 0.00	27.19 0.41 0.00	23.57 0.01 0.00	25.36 -0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	32.13 0.34 0.00	27.95 -0.23 0.00	28.50 -0.44 0.00	27.63 -0.57 0.00	24.36 -0.52 0.00	21.65 -0.28 0.00	22.77 -0.36 0.00	23.75 -0.66 0.00	30.50 -0.53 0.00	37.61 -0.82 -0.03	43.42 -0.88 0.00	46.30 -0.68 0.00	45.29 -1.16 0.00	37.10 -1.02 -0.04	35.24 -0.47 -6.33	27.78 -0.14 -1.97	27.41 -0.11 -1.05	27.35 -0.09 -2.35	21.09 -0.07 -1.25	22.66 0.08 -0.53	25.72 0.47 0.00	27.46 0.68 0.00	24.08 0.53 0.00	26.25 0.61 0.00
NEG WEST___LANCASTR 23811	32.33 0.54 0.00	28.18 0.00 0.00	28.76 -0.17 0.00	27.86 -0.33 0.00	24.59 -0.30 0.00	21.83 -0.11 0.00	23.01 -0.12 0.00	24.15 -0.27 0.00	31.07 0.05 0.00	38.38 -0.06 -0.03	44.19 -0.12 0.00	46.97 -0.01 0.00	46.03 -0.42 0.00	37.64 -0.49 -0.04	36.71 -0.01 -7.35	28.51 0.27 -2.28	27.95 0.27 -1.22	28.16 0.34 -2.73	21.55 0.18 -1.45	22.99 0.33 -0.62	25.90 0.64 0.00	27.64 0.87 0.00	24.25 0.70 0.00	26.37 0.73 0.00
NEG_PENN_ALLEGHNY 23528	32.18 0.40 0.00	28.41 0.23 0.00	29.15 0.21 0.00	28.32 0.12 0.00	25.00 0.12 0.00	22.07 0.13 0.00	23.26 0.13 0.00	24.62 0.20 0.00	31.45 0.42 0.00	39.00 0.51 -0.09	46.10 0.73 -1.06	48.99 0.79 -1.22	48.54 0.77 -1.33	39.38 0.46 -0.83	43.30 0.57 -13.36	30.79 0.68 -4.16	29.38 0.67 -2.25	30.75 0.69 -4.98	23.00 0.46 -2.63	23.74 0.57 -1.12	25.93 0.68 0.00	27.55 0.69 -0.09	24.06 0.50 0.00	26.08 0.43 0.00
NEG___GEN_MONROE 24207	32.62 0.83 0.00	28.41 0.24 0.00	29.02 0.08 0.00	28.19 -0.01 0.00	24.88 -0.01 0.00	22.10 0.16 0.00	23.28 0.15 0.00	24.44 0.02 0.00	31.28 0.26 0.00	38.66 0.23 -0.03	44.73 0.42 0.00	47.77 0.79 0.00	46.89 0.44 0.00	38.52 0.40 -0.03	35.24 0.59 -5.28	28.34 0.75 -1.64	28.10 0.76 -0.88	27.69 0.65 -1.96	21.48 0.52 -1.04	23.10 0.61 -0.44	26.17 0.92 0.00	27.87 1.10 0.00	24.39 0.83 0.00	26.50 0.85 0.00
NEPA___ENERGY 23901	32.10 0.31 0.00	28.05 -0.13 0.00	28.63 -0.30 0.00	27.68 -0.52 0.00	24.43 -0.46 0.00	21.63 -0.31 0.00	22.88 -0.25 0.00	24.16 -0.26 0.00	31.04 0.01 0.00	38.43 -0.01 -0.04	44.43 0.12 0.00	47.15 0.17 0.00	46.39 -0.06 0.00	37.74 -0.38 -0.04	36.90 0.11 -7.42	28.71 0.45 -2.30	28.12 0.43 -1.23	28.34 0.51 -2.76	21.50 0.13 -1.46	22.95 0.28 -0.62	25.77 0.52 0.00	27.51 0.74 0.00	24.15 0.60 0.00	26.21 0.56 0.00
NEVERSINK___HYD 23608	32.46 0.67 0.00	28.81 0.63 0.00	29.50 0.57 0.00	28.77 0.57 0.00	25.39 0.50 0.00	22.40 0.46 0.00	22.38 0.49 1.23	24.84 0.74 0.32	31.90 0.87 0.00	39.86 1.31 -0.16	46.25 1.94 0.00	49.03 2.05 0.00	48.80 2.36 0.00	36.68 1.97 3.37	60.63 1.74 -29.51	38.03 1.82 -10.26	33.86 1.91 -5.49	38.78 1.87 -11.83	27.82 1.38 -6.52	26.26 1.44 -2.78	26.70 1.46 0.01	28.02 1.28 0.04	22.85 1.01 1.71	26.23 1.05 0.46
NEWKRMKL_115KV_TB1 55635	32.60 0.81 0.00	29.03 0.85 0.00	29.82 0.89 0.00	29.09 0.89 0.00	25.67 0.78 0.00	22.63 0.70 0.00	24.91 0.64 -1.14	25.52 0.75 -0.35	31.91 0.89 0.00	40.00 1.24 -0.36	45.72 1.41 0.00	48.38 1.40 0.00	47.99 1.54 -0.01	45.83 1.31 -6.44	119.35 1.04 -88.94	52.75 1.07 -25.73	42.37 1.11 -14.80	63.97 1.00 -37.89	37.05 0.79 -16.35	29.86 0.85 -6.97	26.21 0.95 -0.01	27.52 0.69 -0.06	26.74 0.51 -2.68	26.93 0.57 -0.72
NEWTON___FALLS_HYD 23847	32.00 0.21 0.00	28.21 0.04 0.00	28.92 -0.02 0.00	28.21 0.01 0.00	24.96 0.07 0.00	22.02 0.08 0.00	23.33 0.19 0.00	24.49 0.08 0.00	31.34 0.31 0.00	38.76 0.35 -0.02	45.36 -0.04 -1.08	48.13 -0.17 -1.32	47.38 -0.50 -1.43	38.19 -0.72 -0.82	28.80 -0.60 -0.03	10.07 -1.04 14.85	0.83 -1.20 24.43	-0.06 -1.28 23.88	9.85 -0.87 9.19	21.29 -0.76 0.00	24.55 -0.70 0.00	26.64 -0.24 -0.10	23.41 -0.14 0.00	25.44 -0.21 0.00
NGRID_A1_DSASP 323792	31.95 0.16 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.24 -0.64 0.00	21.56 -0.38 0.00	22.67 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.90 0.00	37.13 -1.30 -0.03	42.79 -1.52 0.00	45.41 -1.56 0.00	44.46 -1.99 0.00	36.43 -1.70 -0.04	34.79 -1.02 -6.44	27.33 -0.62 -2.00	26.97 -0.57 -1.07	26.95 -0.52 -2.39	20.75 -0.43 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	26.99 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
NGRID_A2_DSASP 323793	31.95 0.16 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.24 -0.64 0.00	21.56 -0.38 0.00	22.67 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.90 0.00	37.13 -1.30 -0.03	42.79 -1.52 0.00	45.41 -1.56 0.00	44.46 -1.99 0.00	36.43 -1.70 -0.04	34.79 -1.02 -6.44	27.33 -0.62 -2.00	26.97 -0.57 -1.07	26.95 -0.52 -2.39	20.75 -0.43 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	26.99 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
NGRID_A4_DSASP 323807	31.94 0.15 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.25 -0.64 0.00	21.56 -0.38 0.00	22.66 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.91 0.00	37.13 -1.30 -0.03	42.80 -1.51 0.00	45.40 -1.58 0.00	44.46 -1.99 0.00	36.42 -1.71 -0.04	34.78 -1.03 -6.44	27.31 -0.64 -2.00	26.94 -0.60 -1.07	26.93 -0.54 -2.39	20.74 -0.44 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	27.00 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
NIAGARA_115E_LBMP 323715	31.70 -0.09 0.00	27.54 -0.63 0.00	28.09 -0.84 0.00	27.26 -0.93 0.00	24.04 -0.85 0.00	21.38 -0.55 0.00	22.47 -0.66 0.00	23.40 -1.02 0.00	30.02 -1.00 0.00	37.02 -1.41 -0.03	42.69 -1.62 0.00	45.56 -1.42 0.00	44.58 -1.86 0.00	36.54 -1.58 -0.04	34.91 -0.92 -6.45	27.41 -0.55 -2.00	27.02 -0.51 -1.07	27.02 -0.46 -2.40	20.81 -0.38 -1.27	22.35 -0.24 -0.54	25.30 0.05 0.00	27.07 0.30 0.00	23.74 0.19 0.00	25.92 0.28 0.00

NIAGARA_115W_LBMP 323714	31.89 0.10 0.00	27.73 -0.44 0.00	28.28 -0.66 0.00	27.43 -0.76 0.00	24.20 -0.69 0.00	21.52 -0.42 0.00	22.62 -0.51 0.00	23.49 -0.93 0.00	30.05 -0.97 0.00	37.05 -1.38 -0.03	42.68 -1.63 0.00	45.28 -1.70 0.00	44.33 -2.11 0.00	36.31 -1.81 -0.04	34.70 -1.10 -6.43	27.25 -0.70 -1.99	26.89 -0.64 -1.07	26.88 -0.60 -2.39	20.69 -0.49 -1.27	22.23 -0.36 -0.54	25.15 -0.10 0.00	26.92 0.14 0.00	23.75 0.20 0.00	25.92 0.28 0.00
NIAGARA_230_LBMP 323716	31.87 0.08 0.00	27.73 -0.45 0.00	28.28 -0.65 0.00	27.44 -0.75 0.00	24.21 -0.68 0.00	21.51 -0.43 0.00	22.62 -0.52 0.00	23.57 -0.85 0.00	30.25 -0.77 0.00	37.28 -1.15 -0.03	43.02 -1.28 0.00	45.82 -1.15 0.00	44.84 -1.61 0.00	36.76 -1.36 -0.04	34.93 -0.77 -6.33	27.57 -0.35 -1.97	27.17 -0.34 -1.05	27.14 -0.30 -2.35	20.88 -0.28 -1.25	22.43 -0.15 -0.53	25.38 0.13 0.00	27.16 0.38 0.00	23.85 0.29 0.00	26.02 0.38 0.00
NIAGARA__115KV_198_GIBSON 55903	31.88 0.09 0.00	27.74 -0.44 0.00	28.28 -0.65 0.00	27.43 -0.76 0.00	24.20 -0.69 0.00	21.52 -0.42 0.00	22.62 -0.51 0.00	23.48 -0.94 0.00	30.05 -0.98 0.00	37.05 -1.38 -0.03	42.68 -1.63 0.00	45.27 -1.71 0.00	44.32 -2.12 0.00	36.31 -1.81 -0.04	34.70 -1.10 -6.43	27.24 -0.71 -1.99	26.86 -0.67 -1.07	26.85 -0.62 -2.39	20.68 -0.49 -1.27	22.23 -0.36 -0.54	25.15 -0.10 0.00	26.92 0.14 0.00	23.76 0.20 0.00	25.92 0.28 0.00
NIAGARA____ 23760	31.78 -0.01 0.00	27.63 -0.55 0.00	28.18 -0.75 0.00	27.35 -0.85 0.00	24.11 -0.77 0.00	21.44 -0.49 0.00	22.55 -0.58 0.00	23.50 -0.92 0.00	30.13 -0.89 0.00	37.16 -1.27 -0.03	42.87 -1.44 0.00	45.62 -1.36 0.00	44.64 -1.81 0.00	36.59 -1.53 -0.04	34.88 -0.90 -6.41	27.41 -0.53 -1.99	27.04 -0.48 -1.06	27.02 -0.44 -2.38	20.80 -0.38 -1.26	22.34 -0.25 -0.54	25.29 0.03 0.00	27.05 0.28 0.00	23.79 0.24 0.00	25.95 0.30 0.00
NINE_MILE_1 23575	30.85 -0.94 0.00	27.27 -0.91 0.00	27.97 -0.97 0.00	27.24 -0.96 0.00	24.04 -0.84 0.00	21.22 -0.71 0.00	22.34 -0.80 0.00	23.57 -0.85 0.00	30.00 -1.02 0.00	36.73 -1.25 0.41	24.70 -1.38 18.23	24.47 -1.42 21.09	22.21 -1.41 22.83	23.81 -1.17 13.10	28.12 -0.82 0.44	24.93 -0.64 0.39	25.17 -0.66 0.63	23.97 -0.62 0.49	19.44 -0.47 0.00	21.55 -0.50 0.00	24.69 -0.56 0.00	24.49 -0.64 1.64	22.92 -0.63 0.00	24.90 -0.74 0.00
NINE_MILE_2 23744	30.85 -0.94 0.00	27.27 -0.91 0.00	27.97 -0.97 0.00	27.24 -0.96 0.00	24.04 -0.84 0.00	21.22 -0.71 0.00	22.34 -0.79 0.00	23.57 -0.85 0.00	30.00 -1.02 0.00	36.73 -1.25 0.42	24.43 -1.38 18.50	24.16 -1.41 21.41	21.87 -1.41 23.16	23.62 -1.17 13.30	28.11 -0.82 0.45	24.93 -0.64 0.39	25.16 -0.66 0.64	23.96 -0.62 0.50	19.44 -0.47 0.00	21.55 -0.50 0.00	24.69 -0.56 0.00	24.47 -0.64 1.66	22.92 -0.63 0.00	24.90 -0.74 0.00
NM_CAPITAL____DRP 24208	32.66 0.87 0.00	29.10 0.93 0.00	29.89 0.96 0.00	29.16 0.97 0.00	25.74 0.85 0.00	22.68 0.74 0.00	24.96 0.68 -1.15	25.56 0.78 -0.36	31.97 0.94 0.00	40.06 1.30 -0.36	45.77 1.46 0.00	48.43 1.45 0.00	48.04 1.59 -0.01	45.97 1.35 -6.53	118.66 1.09 -88.19	52.52 1.10 -25.47	42.29 1.15 -14.67	63.80 1.04 -37.68	36.92 0.83 -16.18	29.83 0.89 -6.89	26.26 0.99 -0.01	27.58 0.75 -0.06	26.86 0.57 -2.74	27.01 0.64 -0.73
NM_CENTRAL____DRP 24181	31.54 -0.25 0.00	27.85 -0.33 0.00	28.55 -0.39 0.00	27.78 -0.41 0.00	24.53 -0.36 0.00	21.66 -0.27 0.00	22.78 -0.35 0.00	24.06 -0.36 0.00	30.65 -0.37 0.00	38.01 -0.43 -0.05	45.35 -0.39 -1.43	48.30 -1.41 -1.66	47.92 -1.41 -1.80	38.85 -0.28 -1.05	33.03 -0.10 -3.76	27.18 0.04 -1.19	27.15 0.02 -0.67	26.54 0.03 -1.42	20.72 0.07 -0.73	22.49 0.13 -0.31	25.38 0.13 0.00	26.96 0.06 -0.13	23.50 -0.05 0.00	25.50 -0.14 0.00
NM_FRONTIER____DRP 24179	31.88 0.09 0.00	27.74 -0.44 0.00	28.28 -0.65 0.00	27.43 -0.76 0.00	24.20 -0.69 0.00	21.52 -0.42 0.00	22.62 -0.51 0.00	23.48 -0.94 0.00	30.05 -0.98 0.00	37.05 -1.38 -0.03	42.68 -1.63 0.00	45.27 -1.71 0.00	44.32 -2.12 0.00	36.31 -1.81 -0.04	34.70 -1.10 -6.43	27.24 -0.71 -1.99	26.86 -0.67 -1.07	26.85 -0.62 -2.39	20.68 -0.49 -1.27	22.23 -0.36 -0.54	25.15 -0.10 0.00	26.92 0.14 0.00	23.76 0.20 0.00	25.92 0.28 0.00
NM_ST_REGIS____HYD 24053	32.13 0.35 0.00	28.34 0.16 0.00	29.10 0.16 0.00	28.36 0.17 0.00	25.05 0.16 0.00	22.09 0.15 0.00	23.40 0.27 0.00	24.66 0.24 0.00	31.37 0.35 0.00	38.65 0.26 0.00	44.48 -0.27 -0.44	47.41 -0.18 -0.62	46.68 -0.43 -0.67	37.81 -0.66 -0.39	28.73 -0.66 -0.01	2.49 -1.27 22.20	-11.42 -1.35 36.53	-11.98 -1.38 35.69	5.14 -1.04 13.73	20.97 -1.08 0.00	24.30 -0.96 0.00	26.49 -0.34 -0.05	23.47 -0.08 0.00	25.51 -0.13 0.00
NORTHPORT____1 23551	34.41 2.00 -0.61	31.26 1.90 -1.18	30.72 1.79 0.00	29.94 1.75 0.00	26.41 1.52 0.00	23.36 1.42 0.00	29.97 1.34 -5.49	27.61 1.53 -1.66	32.92 1.90 0.00	41.13 2.57 -0.17	47.29 2.98 0.00	49.65 2.68 0.00	49.62 3.17 0.00	67.63 2.94 -26.60	100.32 2.41 -68.53	97.14 2.56 -68.63	133.10 2.59 -104.05	81.17 2.39 -53.70	210.92 1.80 -189.20	31.51 1.94 -7.52	27.75 2.03 -0.47	30.39 1.96 -1.65	52.72 1.72 -27.44	42.56 2.06 -14.86
NORTHPORT____2 23552	34.41 2.00 -0.61	31.26 1.90 -1.18	30.72 1.79 0.00	29.94 1.75 0.00	26.41 1.52 0.00	23.36 1.42 0.00	29.97 1.34 -5.49	27.61 1.53 -1.66	32.92 1.90 0.00	41.13 2.57 -0.17	47.29 2.98 0.00	49.65 2.68 0.00	49.62 3.17 0.00	67.63 2.94 -26.60	100.32 2.41 -68.53	97.14 2.56 -68.63	133.10 2.59 -104.05	81.17 2.39 -53.70	210.92 1.80 -189.20	31.51 1.94 -7.52	27.75 2.03 -0.47	30.39 1.96 -1.65	52.72 1.72 -27.44	42.56 2.06 -14.86
NORTHPORT____3 23553	34.38 1.98 -0.61	31.22 1.86 -1.18	30.69 1.76 0.00	29.91 1.71 0.00	26.37 1.48 0.00	23.32 1.39 0.00	29.98 1.35 -5.49	27.64 1.56 -1.66	32.96 1.94 0.00	41.17 2.61 -0.17	47.39 3.08 0.00	49.85 2.88 0.00	49.81 3.36 0.00	67.75 3.06 -26.60	100.40 2.50 -68.53	97.24 2.66 -68.63	130.91 2.72 -101.72	81.28 2.50 -53.70	195.67 2.01 -173.76	27.70 2.15 -3.51	27.76 2.24 -0.27	30.47 2.07 -1.63	51.71 1.77 -26.39	42.52 2.02 -14.86
NORTHPORT____4 23650	34.38 1.98 -0.61	31.22 1.86 -1.18	30.69 1.76 0.00	29.91 1.71 0.00	26.37 1.48 0.00	23.32 1.39 0.00	29.98 1.35 -5.49	27.64 1.56 -1.66	32.96 1.94 0.00	41.17 2.61 -0.17	47.39 3.08 0.00	49.85 2.88 0.00	49.81 3.36 0.00	67.75 3.06 -26.60	100.40 2.50 -68.53	97.24 2.66 -68.63	130.91 2.72 -101.72	81.28 2.50 -53.70	195.67 2.01 -173.76	27.70 2.15 -3.51	27.76 2.24 -0.27	30.47 2.07 -1.63	51.71 1.77 -26.39	42.52 2.02 -14.86
NORTHPORT____IC 23718	34.41 2.00 -0.61	31.26 1.90 -1.18	30.72 1.79 0.00	29.94 1.75 0.00	26.41 1.52 0.00	23.36 1.42 0.00	29.97 1.34 -5.49	27.61 1.53 -1.66	32.92 1.90 0.00	41.13 2.57 -0.17	47.29 2.98 0.00	49.65 2.68 0.00	49.62 3.17 0.00	67.63 2.94 -26.60	100.32 2.41 -68.53	97.14 2.56 -68.63	133.10 2.59 -104.05	81.17 2.39 -53.70	210.92 1.80 -189.20	31.51 1.94 -7.52	27.75 2.03 -0.47	30.39 1.96 -1.65	52.72 1.72 -27.44	42.56 2.06 -14.86

NORTH____COUNTRY_ESR 323785	31.96 0.17 0.00	28.19 0.02 0.00	28.95 0.01 0.00	28.17 -0.02 0.00	24.84 -0.04 0.00	21.79 -0.14 0.00	23.01 -0.12 0.00	24.33 -0.09 0.00	30.97 -0.05 0.00	37.87 -0.53 0.00	43.33 -0.98 0.00	46.22 -0.76 0.00	45.64 -0.80 0.00	37.27 -0.81 0.00	28.64 -0.73 0.00	-0.93 -1.00 25.89	-16.98 -0.85 42.60	-17.40 -0.87 41.61	3.18 -0.73 16.00	21.27 -0.78 0.00	24.89 -0.36 0.00	26.72 -0.06 0.00	23.22 -0.34 0.00	25.06 -0.58 0.00
NPX_GEN_1385_PROXY 323591	34.41 2.00 -0.61	31.30 1.95 -1.18	30.78 1.85 0.00	30.00 1.80 0.00	26.46 1.57 0.00	23.36 1.43 0.00	29.97 1.34 -5.49	27.61 1.53 -1.66	32.92 1.90 0.00	41.13 2.57 -0.17	47.29 2.98 0.00	49.65 2.68 0.00	49.62 3.17 0.00	67.63 2.94 -26.60	100.32 2.41 -68.53	97.14 2.56 -68.63	133.10 2.59 -104.05	81.17 2.39 -53.70	210.92 1.80 -189.20	31.51 1.94 -7.52	27.64 2.03 -0.36	34.02 1.96 -5.29	52.72 1.72 -27.44	42.56 2.06 -14.86
NPX_GEN_CSC 323557	34.90 2.49 -0.61	31.94 2.58 -1.18	31.39 2.46 0.00	30.58 2.38 0.00	26.96 2.08 0.00	23.80 1.87 0.00	30.51 1.88 -5.49	28.17 2.09 -1.66	33.53 2.50 0.00	42.06 3.49 -0.17	48.33 4.03 0.00	50.68 3.71 0.00	50.84 4.39 0.00	68.49 3.81 -26.60	100.72 2.80 -68.55	97.69 3.09 -68.64	153.32 3.18 -123.67	81.77 2.99 -53.70	341.85 2.29 -319.65	66.02 2.53 -41.44	30.07 2.72 -2.09	34.96 2.66 -5.52	62.27 2.41 -36.30	43.13 2.64 -14.86
NSINS_S_GLNS_FALLS 23858	34.73 2.95 0.00	30.80 2.62 0.00	31.61 2.67 0.00	30.78 2.58 0.00	27.18 2.29 0.00	23.97 2.04 0.00	26.42 2.17 -1.12	27.12 2.36 -0.34	33.91 2.88 0.00	42.68 3.80 -0.49	48.45 4.14 0.00	51.28 4.30 0.00	50.89 4.44 -0.01	48.29 3.82 -6.39	150.48 2.82 -118.29	63.28 2.43 -34.89	48.42 2.29 -19.67	75.80 2.11 -48.62	43.88 1.79 -22.17	33.60 2.10 -9.45	27.55 2.29 -0.01	28.96 2.12 -0.06	27.89 1.74 -2.60	28.08 1.74 -0.69
NUCOR_STEEL____DRP 24197	32.18 0.39 0.00	28.40 0.23 0.00	29.15 0.22 0.00	28.33 0.13 0.00	24.99 0.10 0.00	22.08 0.14 0.00	23.30 0.17 0.00	24.62 0.20 0.00	31.36 0.33 0.00	38.87 0.38 -0.09	47.73 0.58 -2.84	51.01 0.75 -3.28	50.53 0.53 -3.55	40.62 0.47 -2.07	35.07 0.47 -5.22	28.22 0.60 -1.66	28.07 0.65 -0.95	27.68 0.60 -1.99	21.45 0.53 -1.02	22.98 0.49 -0.43	25.92 0.67 0.00	27.69 0.67 -0.25	23.99 0.43 0.00	25.98 0.33 0.00
NUMBER_THREE_WT_PWR 323818	32.21 0.42 0.00	28.34 0.17 0.00	29.00 0.06 0.00	28.30 0.10 0.00	25.05 0.16 0.00	22.14 0.21 0.00	23.48 0.35 0.00	24.74 0.32 0.00	31.64 0.61 0.00	39.18 0.75 -0.02	46.34 0.66 -1.37	49.15 0.50 -1.68	48.49 0.23 -1.81	39.09 -0.03 -1.04	29.43 0.02 -0.04	18.68 -0.25 7.03	14.48 -0.41 11.56	13.26 -0.52 11.30	15.30 -0.25 4.36	22.05 0.00 0.00	25.37 0.12 0.00	27.30 0.39 -0.13	23.72 0.16 0.00	25.74 0.09 0.00
NYISO_LBMP_REFERENCE 24008	31.79 0.00 0.00	28.18 0.00 0.00	28.94 0.00 0.00	28.20 0.00 0.00	24.89 0.00 0.00	21.93 0.00 0.00	23.13 0.00 0.00	24.42 0.00 0.00	31.02 0.00 0.00	38.40 0.00 0.00	44.31 0.00 0.00	46.98 0.00 0.00	46.45 0.00 0.00	38.08 0.00 0.00	29.37 0.00 0.00	25.95 0.00 0.00	26.46 0.00 0.00	25.08 0.00 0.00	19.91 0.00 0.00	22.05 0.00 0.00	25.25 0.00 0.00	26.77 0.00 0.00	23.55 0.00 0.00	25.64 0.00 0.00
NYPA_BRENTWD____GT 24164	34.85 2.45 -0.61	31.65 2.29 -1.18	31.12 2.18 0.00	30.31 2.12 0.00	26.73 1.85 0.00	23.64 1.71 0.00	30.32 1.70 -5.49	28.01 1.93 -1.66	33.46 2.44 0.00	41.80 3.23 -0.17	48.12 3.82 0.00	50.59 3.62 0.00	50.56 4.11 0.00	68.45 3.76 -26.60	100.94 3.03 -68.54	97.72 3.13 -68.63	137.33 3.16 -107.71	81.68 2.89 -53.70	235.77 2.29 -213.57	38.38 2.48 -13.86	28.68 2.64 -0.80	31.05 2.58 -1.70	54.86 2.21 -29.10	43.00 2.50 -14.86
NYPA_GOWANUS____GT5 24156	33.09 1.30 0.00	29.37 1.20 0.00	30.00 1.07 0.00	29.28 1.08 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 1.00 -5.54	27.41 1.32 -1.68	32.63 1.60 0.00	40.78 2.22 -0.17	47.04 2.73 0.00	49.75 2.78 0.00	49.55 3.11 0.00	67.37 2.66 -26.62	94.06 2.31 -62.37	39.53 2.42 -11.15	39.14 2.53 -10.14	68.32 2.28 -40.95	30.98 1.76 -9.31	27.06 1.88 -3.14	27.23 1.93 -0.04	28.78 1.74 -0.26	34.96 1.43 -9.97	30.16 1.56 -2.96
NYPA_GOWANUS____GT6 24157	33.09 1.30 0.00	29.37 1.20 0.00	30.00 1.07 0.00	29.28 1.08 0.00	25.87 0.98 0.00	22.89 0.95 0.00	29.67 1.00 -5.54	27.41 1.32 -1.68	32.63 1.60 0.00	40.78 2.22 -0.17	47.04 2.73 0.00	49.75 2.78 0.00	49.55 3.11 0.00	67.37 2.66 -26.62	94.06 2.31 -62.37	39.53 2.42 -11.15	39.14 2.53 -10.14	68.32 2.28 -40.95	30.98 1.76 -9.31	27.06 1.88 -3.14	27.23 1.93 -0.04	28.78 1.74 -0.26	34.96 1.43 -9.97	30.16 1.56 -2.96
NYPA_HARLEM_RVR_GT1 24160	32.99 1.20 0.00	29.34 1.16 0.00	29.97 1.03 0.00	29.27 1.07 0.00	25.86 0.97 0.00	22.89 0.95 0.00	29.65 0.97 -5.54	27.31 1.21 -1.68	32.43 1.40 0.00	40.49 1.92 -0.17	46.64 2.33 0.00	49.40 2.42 0.00	49.24 2.79 0.00	67.06 2.35 -26.62	93.84 2.09 -62.37	39.35 2.24 -11.15	38.92 2.32 -10.14	68.12 2.09 -40.95	30.81 1.59 -9.31	26.84 1.65 -3.14	26.98 1.69 -0.04	28.52 1.48 -0.26	34.81 1.28 -9.97	30.01 1.41 -2.96
NYPA_HARLEM_RVR_GT2 24161	32.99 1.20 0.00	29.34 1.16 0.00	29.97 1.03 0.00	29.27 1.07 0.00	25.86 0.97 0.00	22.89 0.95 0.00	29.65 0.97 -5.54	27.31 1.21 -1.68	32.43 1.40 0.00	40.49 1.92 -0.17	46.64 2.33 0.00	49.40 2.42 0.00	49.24 2.79 0.00	67.06 2.35 -26.62	93.84 2.09 -62.37	39.35 2.24 -11.15	38.92 2.32 -10.14	68.12 2.09 -40.95	30.81 1.59 -9.31	26.84 1.65 -3.14	26.98 1.69 -0.04	28.52 1.48 -0.26	34.81 1.28 -9.97	30.01 1.41 -2.96
NYPA_KENT____GT 24152	33.11 1.32 0.00	29.40 1.22 0.00	30.04 1.10 0.00	29.32 1.12 0.00	25.89 1.00 0.00	22.91 0.98 0.00	29.70 1.03 -5.54	27.43 1.33 -1.68	32.64 1.62 0.00	40.78 2.22 -0.17	47.02 2.71 0.00	49.72 2.75 0.00	49.53 3.09 0.00	67.33 2.63 -26.62	94.03 2.29 -62.37	39.51 2.40 -11.15	39.11 2.51 -10.14	68.30 2.27 -40.95	30.95 1.73 -9.31	27.03 1.84 -3.14	27.18 1.88 -0.04	28.71 1.67 -0.26	34.94 1.41 -9.97	30.14 1.54 -2.96
NYPA_POUCH1____GT 24155	33.01 1.22 0.00	29.32 1.15 0.00	29.92 0.98 0.00	29.20 1.00 0.00	25.81 0.92 0.00	22.84 0.91 0.00	29.42 0.93 -5.36	27.34 1.24 -1.68	31.89 1.50 0.63	36.85 2.06 3.61	45.38 2.54 1.47	49.58 2.60 0.00	47.93 2.94 1.46	45.91 2.55 -5.28	69.91 2.20 -38.34	39.42 2.32 -11.15	39.05 2.44 -10.14	68.23 2.20 -40.95	30.94 1.72 -9.31	27.05 1.86 -3.14	27.20 1.91 -0.04	28.75 1.71 -0.26	34.92 1.39 -9.97	30.14 1.54 -2.96
NYPA_VERNON____GT2 24162	33.10 1.32 0.00	29.40 1.22 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.91 1.02 0.00	22.92 0.99 0.00	29.71 1.04 -5.54	27.43 1.33 -1.68	32.63 1.61 0.00	40.75 2.19 -0.17	46.98 2.67 0.00	49.68 2.70 0.00	49.50 3.06 0.00	67.29 2.59 -26.62	94.01 2.26 -62.37	39.49 2.38 -11.15	39.08 2.48 -10.14	68.27 2.24 -40.95	30.92 1.69 -9.31	26.98 1.79 -3.14	27.13 1.83 -0.04	28.65 1.61 -0.26	34.89 1.36 -9.97	30.10 1.50 -2.96

NYPY_VERNON____GT3 24163	33.10 1.32 0.00	29.40 1.22 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.91 1.02 0.00	22.92 0.99 0.00	29.71 1.04 -5.54	27.43 1.33 -1.68	32.63 1.61 0.00	40.75 2.19 -0.17	46.98 2.67 0.00	49.68 2.70 0.00	49.50 3.06 0.00	67.29 2.59 -26.62	94.01 2.26 -62.37	39.49 2.38 -11.15	39.08 2.48 -10.14	68.27 2.24 -40.95	30.92 1.69 -9.31	26.98 1.79 -3.14	27.13 1.83 -0.04	28.65 1.61 -0.26	34.89 1.36 -9.97	30.10 1.50 -2.96
NYPY____ASTORIA_CC1 323568	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.65 2.09 -0.17	46.86 2.55 0.00	49.55 2.58 0.00	49.39 2.94 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.42 2.32 -11.15	39.02 2.42 -10.14	68.21 2.17 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.07 1.78 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
NYPY____ASTORIA_CC2 323569	33.04 1.25 0.00	29.35 1.17 0.00	30.00 1.06 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.38 1.28 -1.68	32.56 1.53 0.00	40.65 2.09 -0.17	46.86 2.55 0.00	49.55 2.58 0.00	49.39 2.94 0.00	67.19 2.48 -26.62	93.93 2.19 -62.37	39.42 2.32 -11.15	39.02 2.42 -10.14	68.21 2.17 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.07 1.78 -0.04	28.58 1.54 -0.26	34.84 1.31 -9.97	30.04 1.44 -2.96
NYPY____HOLTSVILL 23794	34.66 2.26 -0.61	31.56 2.20 -1.18	31.03 2.09 0.00	30.22 2.03 0.00	26.66 1.77 0.00	23.55 1.62 0.00	30.23 1.60 -5.49	27.89 1.81 -1.66	33.27 2.24 0.00	41.60 3.04 -0.17	47.86 3.55 0.00	50.28 3.30 0.00	50.34 3.89 0.00	68.20 3.51 -26.60	100.70 2.78 -68.55	97.53 2.94 -68.64	152.80 2.99 -123.34	81.57 2.79 -53.70	339.57 2.17 -317.49	65.28 2.36 -40.88	29.94 2.51 -2.18	31.08 2.42 -1.89	61.81 2.09 -36.16	42.85 2.35 -14.86
NYPY____HELLGATE_GT1 24158	32.99 1.20 0.00	29.34 1.16 0.00	29.97 1.03 0.00	29.27 1.07 0.00	25.86 0.97 0.00	22.89 0.95 0.00	29.65 0.97 -5.54	27.31 1.21 -1.68	32.43 1.40 0.00	40.49 1.92 -0.17	46.64 2.33 0.00	49.40 2.42 0.00	49.24 2.79 0.00	67.06 2.35 -26.62	93.84 2.09 -62.37	39.35 2.24 -11.15	38.92 2.32 -10.14	68.12 2.09 -40.95	30.81 1.59 -9.31	26.84 1.65 -3.14	26.98 1.69 -0.04	28.52 1.48 -0.26	34.81 1.28 -9.97	30.01 1.41 -2.96
NYPY____HELLGATE_GT2 24159	32.99 1.20 0.00	29.34 1.16 0.00	29.97 1.03 0.00	29.27 1.07 0.00	25.86 0.97 0.00	22.89 0.95 0.00	29.65 0.97 -5.54	27.31 1.21 -1.68	32.43 1.40 0.00	40.49 1.92 -0.17	46.64 2.33 0.00	49.40 2.42 0.00	49.24 2.79 0.00	67.06 2.35 -26.62	93.84 2.09 -62.37	39.35 2.24 -11.15	38.92 2.32 -10.14	68.12 2.09 -40.95	30.81 1.59 -9.31	26.84 1.65 -3.14	26.98 1.69 -0.04	28.52 1.48 -0.26	34.81 1.28 -9.97	30.01 1.41 -2.96
NYS_BARGE____HYD 23848	32.18 0.40 0.00	27.97 -0.20 0.00	28.52 -0.42 0.00	27.66 -0.53 0.00	24.39 -0.50 0.00	21.69 -0.25 0.00	22.82 -0.31 0.00	23.80 -0.62 0.00	30.55 -0.48 0.00	37.67 -0.75 -0.03	43.49 -0.82 0.00	46.40 -0.57 0.00	45.38 -1.07 0.00	37.20 -0.92 -0.04	35.26 -0.40 -6.29	27.83 -0.07 -1.95	27.47 -0.04 -1.04	27.40 -0.02 -2.33	21.13 -0.03 -1.24	22.71 0.13 -0.53	25.75 0.50 0.00	27.51 0.73 0.00	24.12 0.57 0.00	26.30 0.65 0.00
OAK ORCHARD____HYD 24046	32.30 0.51 0.00	28.27 0.10 0.00	28.88 -0.06 0.00	28.05 -0.15 0.00	24.75 -0.13 0.00	21.94 0.00 0.00	23.10 -0.03 0.00	24.26 -0.16 0.00	31.04 0.01 0.00	38.37 -0.05 -0.03	44.42 0.11 0.00	47.39 0.42 0.00	46.59 0.15 0.00	38.02 0.16 0.23	34.98 0.38 -5.23	28.12 0.55 -1.61	27.85 0.53 -0.85	27.46 0.45 -1.93	21.28 0.33 -1.03	22.91 0.42 -0.44	25.92 0.67 0.00	27.54 0.81 0.04	24.14 0.59 0.00	26.23 0.58 0.00
OAKDALE____35_KV_LOAD 356122	32.06 0.27 0.00	28.30 0.12 0.00	29.05 0.11 0.00	28.22 0.02 0.00	24.91 0.03 0.00	21.99 0.05 0.00	23.17 0.04 0.00	24.52 0.10 0.00	31.30 0.28 0.00	38.83 0.35 -0.09	45.81 0.48 -1.03	48.67 0.51 -1.19	48.24 0.51 -1.28	39.17 0.27 -0.81	43.27 0.42 -13.48	30.70 0.55 -4.19	29.27 0.55 -2.27	30.68 0.57 -5.03	22.93 0.36 -2.65	23.64 0.46 -1.13	25.81 0.56 0.00	27.42 0.55 -0.09	23.95 0.40 0.00	25.98 0.33 0.00
OCC_CHEM____DRP 24175	31.94 0.15 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.25 -0.64 0.00	21.56 -0.38 0.00	22.66 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.91 0.00	37.13 -1.30 -0.03	42.80 -1.51 0.00	45.40 -1.58 0.00	44.46 -1.99 0.00	36.42 -1.71 -0.04	34.78 -1.03 -6.44	27.31 -0.64 -2.00	26.94 -0.60 -1.07	26.93 -0.54 -2.39	20.74 -0.44 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	27.00 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
OH_GEN_PROXY 24063	31.85 0.06 0.00	27.72 -0.45 0.00	28.28 -0.66 0.00	27.44 -0.75 0.00	24.21 -0.68 0.00	21.51 -0.43 0.00	22.63 -0.51 0.00	23.61 -0.81 0.00	30.30 -0.72 0.00	37.36 -1.07 -0.03	43.12 -1.19 0.00	45.92 -1.05 0.00	44.94 -1.51 0.00	36.83 -1.29 -0.04	35.01 -0.72 -6.36	27.62 -0.30 -1.97	27.22 -0.29 -1.06	27.19 -0.26 -2.36	20.91 -0.25 -1.26	22.45 -0.13 -0.53	25.29 0.15 0.11	30.81 0.40 -3.63	23.86 0.31 0.00	26.02 0.37 0.00
OLIN_CORP_DRP 24177	31.75 -0.04 0.00	27.59 -0.58 0.00	28.15 -0.79 0.00	27.30 -0.89 0.00	24.08 -0.81 0.00	21.42 -0.51 0.00	22.51 -0.63 0.00	23.44 -0.97 0.00	30.08 -0.94 0.00	37.11 -1.32 -0.03	42.81 -1.50 0.00	45.65 -1.33 0.00	44.68 -1.76 0.00	36.62 -1.50 -0.04	35.01 -0.86 -6.50	27.46 -0.51 -2.02	27.07 -0.47 -1.08	27.07 -0.43 -2.41	20.85 -0.35 -1.28	22.38 -0.21 -0.55	25.35 0.10 0.00	27.13 0.35 0.00	23.78 0.23 0.00	25.96 0.32 0.00
OLIN_CORP_DSASP 323712	31.95 0.16 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.24 -0.64 0.00	21.56 -0.38 0.00	22.67 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.90 0.00	37.13 -1.30 -0.03	42.79 -1.52 0.00	45.41 -1.56 0.00	44.46 -1.99 0.00	36.43 -1.70 -0.04	34.79 -1.02 -6.44	27.33 -0.62 -2.00	26.97 -0.57 -1.07	26.95 -0.52 -2.39	20.75 -0.43 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	26.99 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
ONEIDA_HERK_LFGE 323681	32.49 0.70 0.00	28.63 0.46 0.00	29.34 0.40 0.00	28.60 0.40 0.00	25.27 0.39 0.00	22.39 0.46 0.00	23.73 0.59 0.00	25.07 0.65 0.00	31.99 0.96 0.00	39.63 1.23 0.00	46.20 1.40 -0.49	49.07 1.41 -0.69	48.49 1.30 -0.74	39.59 1.08 -0.42	30.26 0.87 -0.01	25.78 0.70 0.87	25.67 0.64 1.43	24.25 0.56 1.40	19.90 0.53 0.54	22.73 0.69 0.00	26.10 0.85 0.00	27.74 0.91 -0.05	24.21 0.66 0.00	26.28 0.64 0.00
ONEIDA____115KV_TB4 55905	32.59 0.80 0.00	28.71 0.54 0.00	29.43 0.49 0.00	28.66 0.46 0.00	25.31 0.43 0.00	22.44 0.50 0.00	23.74 0.60 0.00	25.08 0.66 0.00	32.01 0.98 0.00	39.68 1.26 -0.02	46.63 1.51 -0.81	49.54 1.61 -0.95	49.09 1.62 -1.03	40.04 1.37 -0.59	30.45 1.05 -0.02	26.95 0.98 -0.02	27.47 0.98 -0.03	26.00 0.89 -0.02	20.64 0.72 0.00	22.96 0.91 0.00	26.39 1.14 0.00	27.96 1.11 -0.07	24.37 0.82 0.00	26.43 0.78 0.00

ONONDAGA_REF_OCCRA 23987	31.75 -0.04 0.00	28.04 -0.13 0.00	28.75 -0.18 0.00	27.97 -0.22 0.00	24.70 -0.19 0.00	21.81 -0.13 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.91 -0.12 0.00	38.32 -0.14 -0.06	46.08 -0.04 -1.81	49.10 0.03 -2.09	48.77 0.05 -2.27	39.41 0.00 -1.33	34.14 0.14 -4.63	27.66 0.24 -1.46	27.51 0.23 -0.82	27.07 0.24 -1.75	21.04 0.23 -0.90	22.73 0.30 -0.39	25.58 0.33 0.00	27.20 0.27 -0.16	23.67 0.11 0.00	25.67 0.03 0.00
ONONDAGA___COGEN 23986	31.75 -0.04 0.00	28.07 -0.10 0.00	28.78 -0.16 0.00	28.00 -0.20 0.00	24.72 -0.17 0.00	21.81 -0.13 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.89 -0.14 0.00	38.32 -0.16 -0.09	47.18 -0.07 -2.94	50.38 0.02 -3.39	50.12 0.00 -3.67	40.20 -0.01 -2.13	33.85 0.11 -4.37	27.58 0.23 -1.40	27.50 0.22 -0.81	27.00 0.24 -1.68	20.98 0.21 -0.85	22.65 0.25 -0.36	25.53 0.28 0.00	27.25 0.21 -0.26	23.62 0.07 0.00	25.62 -0.02 0.00
ONTARIO___LFGE 23819	32.37 0.58 0.00	28.44 0.27 0.00	29.10 0.16 0.00	28.22 0.03 0.00	24.92 0.04 0.00	22.10 0.17 0.00	23.32 0.18 0.00	24.63 0.21 0.00	31.44 0.42 0.00	38.85 0.41 -0.05	45.67 0.58 -0.78	48.70 0.83 -0.90	48.18 0.77 -0.97	39.17 0.50 -0.59	36.16 0.66 -6.12	28.72 0.86 -1.91	28.39 0.89 -1.04	28.27 0.90 -2.29	21.77 0.65 -1.21	23.31 0.75 -0.51	26.17 0.91 0.00	27.82 0.98 -0.07	24.26 0.70 0.00	26.25 0.61 0.00
ORANGEVILLE_WT_PWR 323706	32.19 0.40 0.00	28.07 -0.11 0.00	28.66 -0.28 0.00	27.71 -0.48 0.00	24.41 -0.48 0.00	21.62 -0.31 0.00	22.62 -0.51 0.00	23.81 -0.61 0.00	30.76 -0.27 0.00	37.91 -0.52 -0.04	43.84 -0.47 0.00	46.91 -0.07 0.00	45.89 -0.55 0.00	37.19 -0.94 -0.05	36.53 -0.51 -7.66	28.23 -0.10 -2.38	27.79 0.06 -1.27	28.13 0.20 -2.85	21.56 0.13 -1.51	22.92 0.23 -0.64	25.77 0.52 0.00	27.60 0.82 0.00	24.14 0.59 0.00	26.19 0.54 0.00
ORANGEVILLE___ESR 323794	32.19 0.40 0.00	28.07 -0.11 0.00	28.66 -0.28 0.00	27.71 -0.48 0.00	24.41 -0.48 0.00	21.62 -0.31 0.00	22.62 -0.51 0.00	23.81 -0.61 0.00	30.76 -0.27 0.00	37.91 -0.52 -0.04	43.84 -0.47 0.00	46.91 -0.07 0.00	45.89 -0.55 0.00	37.19 -0.94 -0.05	36.53 -0.51 -7.66	28.23 -0.10 -2.38	27.79 0.06 -1.27	28.13 0.20 -2.85	21.56 0.13 -1.51	22.92 0.23 -0.64	25.77 0.52 0.00	27.60 0.82 0.00	24.14 0.59 0.00	26.19 0.54 0.00
OSWEGATCHIE___HYD 24044	32.00 0.21 0.00	28.21 0.04 0.00	28.92 -0.02 0.00	28.21 0.01 0.00	24.96 0.07 0.00	22.02 0.08 0.00	23.33 0.19 0.00	24.50 0.08 0.00	31.34 0.31 0.00	38.76 0.35 -0.02	45.36 -0.04 -1.08	48.13 -0.17 -1.32	47.37 -0.51 -1.43	38.19 -0.72 -0.82	28.80 -0.60 -0.03	10.07 -1.04 14.85	0.83 -1.20 24.43	-0.06 -1.27 23.88	9.85 -0.87 9.19	21.29 -0.76 0.00	24.55 -0.70 0.00	26.64 -0.24 -0.10	23.41 -0.15 0.00	25.44 -0.21 0.00
OSWEGO___5 23606	31.12 -0.67 0.00	27.50 -0.67 0.00	28.21 -0.72 0.00	27.46 -0.73 0.00	24.25 -0.64 0.00	21.40 -0.54 0.00	22.52 -0.61 0.00	23.78 -0.64 0.00	30.27 -0.75 0.00	37.79 -0.92 -0.31	56.40 -1.00 -13.08	61.09 -1.00 -15.12	61.78 -1.02 -16.36	46.64 -0.85 -9.41	29.12 -0.56 -0.31	25.82 -0.41 -0.28	26.48 -0.43 -0.45	25.04 -0.40 -0.35	19.61 -0.30 0.00	21.74 -0.30 0.00	24.92 -0.34 0.00	27.54 -0.40 -1.17	23.13 -0.43 0.00	25.12 -0.52 0.00
OSWEGO___6 23613	31.12 -0.67 0.00	27.50 -0.67 0.00	28.21 -0.72 0.00	27.46 -0.73 0.00	24.25 -0.64 0.00	21.40 -0.54 0.00	22.52 -0.61 0.00	23.78 -0.64 0.00	30.27 -0.75 0.00	37.79 -0.92 -0.31	56.40 -1.00 -13.08	61.09 -1.00 -15.12	61.78 -1.02 -16.36	46.64 -0.85 -9.41	29.12 -0.56 -0.31	25.82 -0.41 -0.28	26.48 -0.43 -0.45	25.04 -0.40 -0.35	19.61 -0.30 0.00	21.74 -0.30 0.00	24.92 -0.34 0.00	27.54 -0.40 -1.17	23.13 -0.43 0.00	25.12 -0.52 0.00
OUTOKUMPU-AB___DRP 24206	32.59 0.80 0.00	28.31 0.14 0.00	28.85 -0.09 0.00	27.97 -0.23 0.00	24.67 -0.22 0.00	21.95 0.02 0.00	23.10 -0.03 0.00	24.08 -0.34 0.00	30.89 -0.13 0.00	38.07 -0.36 -0.03	43.95 -0.36 0.00	46.72 -0.26 0.00	45.74 -0.71 0.00	37.46 -0.66 -0.04	35.72 -0.21 -6.56	28.11 0.12 -2.03	27.74 0.20 -1.09	27.76 0.24 -2.44	21.37 0.17 -1.29	22.94 0.34 -0.55	25.96 0.70 0.00	27.75 0.98 0.00	24.39 0.83 0.00	26.55 0.90 0.00
OXBOW____ 24026	32.39 0.60 0.00	28.14 -0.04 0.00	28.68 -0.26 0.00	27.81 -0.38 0.00	24.53 -0.36 0.00	21.82 -0.11 0.00	22.96 -0.17 0.00	23.89 -0.53 0.00	30.63 -0.39 0.00	37.75 -0.68 -0.03	43.54 -0.77 0.00	46.26 -0.72 0.00	45.29 -1.15 0.00	37.09 -1.03 -0.04	35.35 -0.52 -6.50	27.82 -0.15 -2.02	27.46 -0.08 -1.08	27.46 -0.04 -2.41	21.14 -0.06 -1.28	22.69 0.10 -0.55	25.68 0.43 0.00	27.47 0.70 0.00	24.18 0.63 0.00	26.35 0.71 0.00
OXY_CHEM_DSASP 323612	31.94 0.15 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.25 -0.64 0.00	21.56 -0.38 0.00	22.66 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.91 0.00	37.13 -1.30 -0.03	42.80 -1.51 0.00	45.40 -1.58 0.00	44.46 -1.99 0.00	36.42 -1.71 -0.04	34.78 -1.03 -6.44	27.31 -0.64 -2.00	26.94 -0.60 -1.07	26.93 -0.54 -2.39	20.74 -0.44 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	27.00 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
OZONE_PARK_ESR 323760	33.46 1.68 0.00	29.69 1.52 0.00	30.36 1.43 0.00	29.62 1.43 0.00	26.15 1.26 0.00	23.14 1.21 0.00	29.96 1.28 -5.54	27.69 1.59 -1.68	32.96 1.94 0.00	41.17 2.61 -0.17	47.50 3.19 0.00	50.20 3.22 0.00	50.01 3.57 0.00	67.72 3.01 -26.63	94.35 2.59 -62.38	39.78 2.67 -11.15	39.41 2.80 -10.14	68.58 2.56 -40.94	31.07 1.92 -9.24	27.22 2.04 -3.14	27.43 2.13 -0.04	28.97 1.94 -0.26	35.15 1.64 -9.96	30.36 1.78 -2.94
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.94 0.15 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.25 -0.64 0.00	21.56 -0.38 0.00	22.66 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.91 0.00	37.13 -1.30 -0.03	42.80 -1.51 0.00	45.40 -1.58 0.00	44.46 -1.99 0.00	36.42 -1.71 -0.04	34.78 -1.03 -6.44	27.31 -0.64 -2.00	26.94 -0.60 -1.07	26.93 -0.54 -2.39	20.74 -0.44 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	27.00 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
PACKARD___115KV_DUPONT_184 80571	31.94 0.15 0.00	27.78 -0.39 0.00	28.33 -0.60 0.00	27.48 -0.71 0.00	24.25 -0.64 0.00	21.56 -0.38 0.00	22.66 -0.47 0.00	23.53 -0.88 0.00	30.12 -0.91 0.00	37.13 -1.30 -0.03	42.80 -1.51 0.00	45.40 -1.58 0.00	44.46 -1.99 0.00	36.42 -1.71 -0.04	34.78 -1.03 -6.44	27.31 -0.64 -2.00	26.94 -0.60 -1.07	26.93 -0.54 -2.39	20.74 -0.44 -1.27	22.29 -0.30 -0.54	25.23 -0.03 0.00	27.00 0.22 0.00	23.81 0.26 0.00	25.99 0.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.99 1.20 0.00	29.33 1.15 0.00	29.96 1.02 0.00	29.26 1.06 0.00	25.85 0.96 0.00	22.88 0.94 0.00	29.63 0.96 -5.54	27.29 1.20 -1.68	32.43 1.41 0.00	40.49 1.92 -0.17	46.65 2.35 0.00	49.40 2.42 0.00	49.22 2.78 0.00	67.04 2.33 -26.62	93.82 2.07 -62.37	39.32 2.22 -11.15	38.90 2.30 -10.14	68.12 2.09 -40.95	30.83 1.60 -9.31	26.86 1.67 -3.14	27.01 1.72 -0.04	28.54 1.50 -0.26	34.81 1.28 -9.97	29.98 1.38 -2.96

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.15 1.36 0.00	29.37 1.19 0.00	29.96 1.03 0.00	29.26 1.07 0.00	25.85 0.96 0.00	22.98 1.04 0.00	29.78 1.11 -5.54	27.46 1.36 -1.68	32.56 1.54 0.00	40.68 2.11 -0.17	46.87 2.57 0.00	49.62 2.64 0.00	49.43 2.98 0.00	67.17 2.46 -26.62	93.91 2.16 -62.37	39.43 2.32 -11.15	39.02 2.41 -10.14	68.21 2.18 -40.95	30.89 1.67 -9.31	26.92 1.73 -3.14	27.06 1.76 -0.04	28.61 1.57 -0.26	34.86 1.34 -9.97	30.06 1.46 -2.96
PATROON__115KV_TB1 80586	32.73 0.94 0.00	29.14 0.96 0.00	29.92 0.99 0.00	29.19 1.00 0.00	25.76 0.88 0.00	22.71 0.78 0.00	24.99 0.72 -1.14	25.62 0.84 -0.35	32.05 1.03 0.00	40.17 1.39 -0.38	45.91 1.60 0.00	48.58 1.60 0.00	48.19 1.74 -0.01	46.00 1.47 -6.45	123.28 1.17 -92.74	54.05 1.18 -26.91	43.12 1.23 -15.43	65.49 1.11 -39.29	37.89 0.87 -17.10	30.27 0.94 -7.29	26.31 1.05 -0.01	27.63 0.79 -0.06	26.83 0.60 -2.68	27.03 0.67 -0.72
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.52 0.74 0.00	28.31 0.14 0.00	28.87 -0.06 0.00	27.97 -0.23 0.00	24.67 -0.21 0.00	21.92 -0.01 0.00	23.10 -0.03 0.00	24.24 -0.18 0.00	31.21 0.18 0.00	38.56 0.13 -0.03	44.47 0.16 0.00	47.29 0.31 0.00	46.34 -0.11 0.00	37.90 -0.22 -0.04	36.64 0.14 -7.13	28.58 0.41 -2.21	28.06 0.42 -1.18	28.20 0.48 -2.65	21.62 0.30 -1.40	23.11 0.46 -0.60	26.06 0.81 0.00	27.82 1.05 0.00	24.40 0.85 0.00	26.53 0.88 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.38 1.60 0.00	29.63 1.46 0.00	30.34 1.41 0.00	29.60 1.41 0.00	26.12 1.23 0.00	23.08 1.15 0.00	26.26 1.21 -1.92	26.57 1.51 -0.64	32.87 1.85 0.00	41.03 2.46 -0.17	47.29 2.98 0.00	50.03 3.06 0.00	49.81 3.36 0.00	51.21 2.82 -10.31	78.54 2.41 -46.76	39.80 2.47 -11.37	36.86 2.58 -7.81	52.98 2.43 -25.47	29.04 1.90 -7.23	27.08 1.95 -3.08	27.28 2.01 -0.02	28.71 1.82 -0.12	30.18 1.49 -5.14	28.62 1.60 -1.37
PEEKSKILL____ 23653	32.94 1.15 0.00	29.25 1.08 0.00	29.95 1.01 0.00	29.23 1.03 0.00	25.80 0.91 0.00	22.80 0.86 0.00	30.49 0.89 -6.47	27.51 1.13 -1.96	32.36 1.34 0.00	40.42 1.86 -0.17	46.58 2.27 0.00	49.27 2.29 0.00	49.05 2.60 0.00	71.12 2.20 -30.84	97.45 1.94 -66.14	39.02 2.06 -11.01	69.34 2.18 -40.70	249.64 2.01 -222.54	28.42 1.51 -7.00	26.61 1.58 -2.98	26.91 1.61 -0.04	28.40 1.40 -0.23	34.78 1.15 -10.07	29.59 1.25 -2.69
PGE MADISON__WINDPWR 24146	34.04 2.25 0.00	29.83 1.66 0.00	30.65 1.72 0.00	29.82 1.63 0.00	26.35 1.46 0.00	23.33 1.39 0.00	24.69 1.55 0.00	26.21 1.79 0.00	33.65 2.62 0.00	41.62 3.13 -0.10	49.04 3.58 -1.16	52.31 4.00 -1.34	51.93 4.04 -1.45	41.89 2.89 -0.91	47.26 2.45 -15.44	32.91 2.15 -4.80	31.08 2.03 -2.60	32.89 2.06 -5.75	24.52 1.57 -3.04	25.29 1.94 -1.29	27.94 2.69 0.00	29.69 2.81 -0.10	25.77 2.22 0.00	27.75 2.11 0.00
PIERCEFIELD__HYD 23852	32.06 0.28 0.00	28.28 0.10 0.00	29.05 0.11 0.00	28.32 0.12 0.00	25.02 0.13 0.00	22.08 0.15 0.00	23.41 0.28 0.00	24.63 0.21 0.00	31.32 0.29 0.00	38.65 0.25 0.00	44.49 -0.31 -0.49	47.39 -0.28 -0.69	46.61 -0.58 -0.74	37.70 -0.81 -0.43	28.60 -0.79 -0.01	2.97 -1.46 21.53	-10.56 -1.60 35.43	-11.15 -1.63 34.61	5.38 -1.22 13.31	20.77 -1.28 0.00	24.01 -1.25 0.00	26.27 -0.56 -0.05	23.43 -0.12 0.00	25.51 -0.13 0.00
PINELAWN_CC_1 323563	34.60 2.20 -0.61	31.42 2.06 -1.18	30.90 1.97 0.00	30.11 1.91 0.00	26.54 1.66 0.00	23.48 1.54 0.00	30.16 1.53 -5.49	27.87 1.79 -1.66	33.27 2.24 0.00	41.53 2.96 -0.17	47.83 3.52 0.00	50.32 3.35 0.00	49.94 3.50 0.00	67.83 3.14 -26.60	100.44 2.53 -68.53	97.23 2.64 -68.63	133.93 2.65 -104.81	81.21 2.43 -53.70	216.09 1.88 -194.29	33.00 2.11 -8.85	28.07 2.28 -0.54	30.82 2.38 -1.66	53.35 2.00 -27.79	42.75 2.25 -14.86
PJM_GEN_HTP_PROXY 323702	33.07 1.28 0.00	29.35 1.18 0.00	30.03 1.10 0.00	29.31 1.12 0.00	25.88 0.99 0.00	22.89 0.96 0.00	29.68 1.00 -5.55	27.39 1.29 -1.68	32.56 1.54 0.00	40.68 2.11 -0.17	46.91 2.60 0.00	49.56 2.59 0.00	49.40 2.95 0.00	67.20 2.48 -26.63	93.95 2.19 -62.39	39.41 2.30 -11.15	39.02 2.41 -10.14	68.22 2.20 -40.93	30.71 1.63 -9.17	26.89 1.71 -3.14	23.52 1.75 3.49	32.71 1.54 -4.40	34.80 1.30 -9.94	29.99 1.41 -2.93
PJM_GEN_KEystone 24065	32.17 0.38 0.00	28.38 0.20 0.00	19.46 0.09 9.56	17.89 0.05 10.35	20.04 0.03 4.88	20.90 0.12 1.15	14.38 0.13 8.88	22.02 0.22 2.62	31.39 0.36 0.00	38.93 0.52 -0.02	44.86 0.66 0.11	47.62 0.64 0.00	46.29 0.68 0.84	-6.17 0.46 44.71	12.56 0.64 17.46	33.84 0.92 -6.96	28.63 0.98 -1.18	20.88 0.93 5.14	24.96 0.62 -4.43	24.62 0.69 -1.89	22.45 0.76 3.57	31.43 0.72 -3.93	15.11 0.57 9.01	23.84 0.60 2.41
PJM_GEN_NEPTUNE_PROXY 323594	34.10 1.70 -0.61	30.94 1.59 -1.18	30.42 1.48 0.00	29.65 1.46 0.00	26.15 1.27 0.00	23.14 1.21 0.00	29.81 1.18 -5.49	27.50 1.42 -1.66	32.77 1.74 0.00	40.93 2.36 -0.17	47.11 2.81 0.00	49.66 2.68 0.00	49.58 3.13 0.00	67.50 2.82 -26.60	100.23 2.33 -68.53	97.04 2.46 -68.63	132.50 2.53 -103.51	81.13 2.35 -53.70	207.33 1.79 -185.62	30.56 1.93 -6.59	24.16 2.01 3.11	34.41 1.85 -5.78	52.30 1.55 -27.20	42.27 1.77 -14.86
PJM_GEN_VFT_PROXY 323633	32.87 1.08 0.00	29.14 0.97 0.00	29.83 0.89 0.00	29.14 0.94 0.00	25.73 0.85 0.00	22.77 0.84 0.00	26.63 0.86 -2.64	27.24 1.14 -1.68	32.35 1.33 0.00	39.11 1.84 1.13	44.99 2.26 1.58	49.21 2.24 0.00	47.17 2.60 1.88	-31.00 2.20 71.29	66.28 1.99 -34.92	39.23 2.13 -11.15	38.86 2.25 -10.14	68.07 2.04 -40.94	30.67 1.51 -9.24	26.79 1.60 -3.14	23.38 1.62 3.49	32.56 1.39 -4.40	34.69 1.18 -9.96	29.88 1.29 -2.94
PLATSBURG_115KV_PMLD1 355749	32.20 0.41 0.00	28.40 0.23 0.00	29.16 0.22 0.00	28.36 0.16 0.00	24.99 0.10 0.00	21.88 -0.06 0.00	23.05 -0.08 0.00	24.38 -0.04 0.00	31.04 0.02 0.00	37.90 -0.49 0.00	43.33 -0.98 0.00	46.17 -0.80 0.00	45.69 -0.75 0.00	37.31 -0.77 0.00	28.74 -0.63 0.00	-1.21 -0.86 26.30	-17.42 -0.61 43.28	-17.80 -0.62 42.27	3.08 -0.57 16.26	21.47 -0.58 0.00	25.22 -0.03 0.00	27.09 0.31 0.00	23.52 -0.04 0.00	25.30 -0.35 0.00
PLEASANTVLY__LBMP 24000	32.91 1.12 0.00	29.25 1.08 0.00	29.99 1.05 0.00	29.26 1.07 0.00	25.83 0.94 0.00	22.80 0.86 0.00	26.43 0.88 -2.42	26.26 1.10 -0.74	32.31 1.28 0.00	40.32 1.75 -0.17	46.43 2.12 0.00	49.10 2.12 0.00	48.85 2.40 0.00	52.58 2.04 -12.45	81.32 1.79 -50.15	39.61 1.89 -11.76	36.86 1.99 -8.41	55.30 1.83 -28.39	28.76 1.38 -7.47	26.67 1.44 -3.18	26.76 1.48 -0.03	28.20 1.28 -0.15	31.04 1.05 -6.44	28.53 1.17 -1.72
PLSNTVLE_13_KV_13.8KVDIST 80602	33.10 1.32 0.00	29.40 1.23 0.00	30.10 1.17 0.00	29.38 1.19 0.00	25.92 1.04 0.00	22.91 0.97 0.00	28.42 1.01 -4.28	26.98 1.26 -1.30	32.53 1.51 0.00	40.62 2.06 -0.17	46.81 2.50 0.00	49.52 2.54 0.00	49.28 2.84 0.00	61.40 2.41 -20.91	88.44 2.08 -56.99	39.41 2.20 -11.25	38.11 2.31 -9.33	62.51 2.12 -35.30	28.65 1.59 -7.15	26.77 1.68 -3.05	27.03 1.74 -0.04	28.50 1.53 -0.20	33.48 1.27 -8.66	29.34 1.38 -2.31

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.10 1.32 0.00	29.40 1.23 0.00	30.10 1.17 0.00	29.38 1.19 0.00	25.92 1.04 0.00	22.91 0.97 0.00	28.42 1.01 -4.28	26.98 1.26 -1.30	32.53 1.51 0.00	40.62 2.06 -0.17	46.81 2.50 0.00	49.52 2.54 0.00	49.28 2.84 0.00	61.40 2.41 -20.91	88.44 2.08 -56.99	39.41 2.20 -11.25	38.11 2.31 -9.33	62.51 2.12 -35.30	28.65 1.59 -7.15	26.77 1.68 -3.05	27.03 1.74 -0.04	28.50 1.53 -0.20	33.48 1.27 -8.66	29.34 1.38 -2.31
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.21 1.42 0.00	29.50 1.32 0.00	30.22 1.29 0.00	29.49 1.30 0.00	26.03 1.14 0.00	22.99 1.05 0.00	25.37 1.09 -1.15	26.23 1.38 -0.43	32.70 1.68 0.00	40.77 2.20 -0.17	46.93 2.62 0.00	49.66 2.68 0.00	49.42 2.97 0.00	47.40 2.49 -6.82	75.94 2.15 -44.42	39.91 2.22 -11.73	36.18 2.32 -7.40	49.10 2.16 -21.85	29.00 1.64 -7.45	26.94 1.72 -3.18	27.05 1.78 -0.02	28.44 1.59 -0.08	28.43 1.29 -3.58	28.01 1.41 -0.96
POLETTI____ 23519	33.04 1.25 0.00	29.31 1.14 0.00	29.99 1.06 0.00	29.28 1.09 0.00	25.85 0.96 0.00	22.87 0.93 0.00	29.65 0.97 -5.54	27.36 1.27 -1.68	32.53 1.50 0.00	40.63 2.07 -0.17	46.85 2.54 0.00	49.50 2.52 0.00	49.32 2.88 0.00	67.14 2.43 -26.63	93.90 2.15 -62.38	39.37 2.27 -11.15	38.99 2.38 -10.14	68.19 2.17 -40.94	30.77 1.61 -9.24	26.88 1.70 -3.14	27.03 1.74 -0.04	28.55 1.51 -0.26	34.79 1.28 -9.96	29.99 1.40 -2.94
PORT_JEFF_3 23555	34.77 2.37 -0.61	31.66 2.30 -1.18	31.13 2.19 0.00	30.31 2.12 0.00	26.74 1.85 0.00	23.62 1.69 0.00	30.31 1.67 -5.49	27.98 1.90 -1.66	33.39 2.36 0.00	41.77 3.20 -0.17	48.05 3.74 0.00	50.49 3.51 0.00	50.56 4.11 0.00	68.39 3.70 -26.60	100.86 2.94 -68.55	97.65 3.05 -68.64	153.73 3.11 -124.16	81.69 2.91 -53.70	345.11 2.28 -322.92	66.82 2.48 -42.29	30.14 2.64 -2.25	31.23 2.56 -1.89	62.29 2.21 -36.53	42.95 2.45 -14.86
PORT_JEFF_4 23616	34.77 2.37 -0.61	31.66 2.30 -1.18	31.13 2.19 0.00	30.31 2.12 0.00	26.74 1.85 0.00	23.62 1.69 0.00	30.31 1.67 -5.49	27.98 1.90 -1.66	33.39 2.36 0.00	41.77 3.20 -0.17	48.05 3.74 0.00	50.49 3.51 0.00	50.56 4.11 0.00	68.39 3.70 -26.60	100.86 2.94 -68.55	97.65 3.05 -68.64	153.73 3.11 -124.16	81.69 2.91 -53.70	345.11 2.28 -322.92	66.82 2.48 -42.29	30.14 2.64 -2.25	31.23 2.56 -1.89	62.29 2.21 -36.53	42.95 2.45 -14.86
PORT_JEFF_IC 23713	34.83 2.43 -0.61	31.72 2.37 -1.18	31.19 2.25 0.00	30.37 2.18 0.00	26.79 1.90 0.00	23.66 1.73 0.00	30.34 1.72 -5.49	28.01 1.93 -1.66	33.44 2.42 0.00	41.85 3.28 -0.17	48.15 3.84 0.00	50.59 3.62 0.00	50.70 4.25 0.00	68.51 3.82 -26.60	100.98 3.05 -68.55	97.70 3.11 -68.64	156.81 3.16 -127.19	81.73 2.95 -53.70	365.31 2.35 -343.05	72.13 2.55 -47.53	30.49 2.72 -2.52	31.34 2.63 -1.93	63.73 2.28 -37.89	43.02 2.52 -14.86
PPL PILGRIM_ST_GT1 24216	34.85 2.45 -0.61	31.65 2.29 -1.18	31.12 2.18 0.00	30.31 2.12 0.00	26.73 1.85 0.00	23.64 1.71 0.00	30.32 1.70 -5.49	28.01 1.93 -1.66	33.46 2.44 0.00	41.80 3.23 -0.17	48.12 3.82 0.00	50.59 3.62 0.00	50.56 4.11 0.00	68.45 3.76 -26.60	100.94 3.03 -68.54	97.72 3.13 -68.63	137.33 3.16 -107.71	81.68 2.89 -53.70	235.77 2.29 -213.57	38.38 2.48 -13.86	28.68 2.64 -0.80	31.05 2.58 -1.70	54.86 2.21 -29.10	43.00 2.50 -14.86
PPL PILGRIM_ST_GT2 24217	34.85 2.45 -0.61	31.65 2.29 -1.18	31.12 2.18 0.00	30.31 2.12 0.00	26.73 1.85 0.00	23.64 1.71 0.00	30.32 1.70 -5.49	28.01 1.93 -1.66	33.46 2.44 0.00	41.80 3.23 -0.17	48.12 3.82 0.00	50.59 3.62 0.00	50.56 4.11 0.00	68.45 3.76 -26.60	100.94 3.03 -68.54	97.72 3.13 -68.63	137.33 3.16 -107.71	81.68 2.89 -53.70	235.77 2.29 -213.57	38.38 2.48 -13.86	28.68 2.64 -0.80	31.05 2.58 -1.70	54.86 2.21 -29.10	43.00 2.50 -14.86
PPL_SHRM_GT3 24213	34.92 2.52 -0.61	31.93 2.57 -1.18	31.39 2.45 0.00	30.57 2.37 0.00	26.96 2.07 0.00	23.81 1.87 0.00	30.51 1.89 -5.49	28.17 2.09 -1.66	33.54 2.51 0.00	42.07 3.50 -0.17	48.34 4.03 0.00	50.67 3.70 0.00	50.86 4.41 0.00	68.51 3.82 -26.60	100.30 2.38 -68.55	97.65 3.05 -68.64	154.22 3.22 -124.54	81.81 3.03 -53.70	347.54 2.21 -325.41	67.48 2.49 -42.94	30.28 2.75 -2.29	31.36 2.69 -1.90	62.67 2.42 -36.70	43.15 2.65 -14.86
PPL_SHRM_GT4 24214	34.92 2.52 -0.61	31.93 2.57 -1.18	31.39 2.45 0.00	30.57 2.37 0.00	26.96 2.07 0.00	23.81 1.87 0.00	30.51 1.89 -5.49	28.17 2.09 -1.66	33.54 2.51 0.00	42.07 3.50 -0.17	48.34 4.03 0.00	50.67 3.70 0.00	50.86 4.41 0.00	68.51 3.82 -26.60	100.30 2.38 -68.55	97.65 3.05 -68.64	154.22 3.22 -124.54	81.81 3.03 -53.70	347.54 2.21 -325.41	67.48 2.49 -42.94	30.28 2.75 -2.29	31.36 2.69 -1.90	62.67 2.42 -36.70	43.15 2.65 -14.86
PROJECT____ORANGE 1 24174	31.56 -0.23 0.00	27.87 -0.31 0.00	28.57 -0.37 0.00	27.80 -0.39 0.00	24.55 -0.34 0.00	21.68 -0.25 0.00	22.80 -0.33 0.00	24.07 -0.35 0.00	30.68 -0.35 0.00	38.03 -0.41 -0.05	45.39 -0.35 -1.43	48.33 -0.30 -1.66	47.96 -0.27 -1.79	38.88 -0.25 -1.05	33.12 -0.07 -3.81	27.23 0.07 -1.20	27.18 0.05 -0.68	26.59 0.07 -1.44	20.75 0.10 -0.74	22.51 0.15 -0.32	25.40 0.15 0.00	26.98 0.08 -0.13	23.52 -0.04 0.00	25.52 -0.12 0.00
PROJECT____ORANGE 2 24166	31.56 -0.23 0.00	27.87 -0.31 0.00	28.57 -0.37 0.00	27.80 -0.39 0.00	24.55 -0.34 0.00	21.68 -0.25 0.00	22.80 -0.33 0.00	24.07 -0.35 0.00	30.68 -0.35 0.00	38.03 -0.41 -0.05	45.39 -0.35 -1.43	48.33 -0.30 -1.66	47.96 -0.27 -1.79	38.88 -0.25 -1.05	33.12 -0.07 -3.81	27.23 0.07 -1.20	27.18 0.05 -0.68	26.59 0.07 -1.44	20.75 0.10 -0.74	22.51 0.15 -0.32	25.40 0.15 0.00	26.98 0.08 -0.13	23.52 -0.04 0.00	25.52 -0.12 0.00
PUCKETT____SOLAR 323809	32.59 0.80 0.00	28.74 0.56 0.00	29.48 0.54 0.00	28.64 0.44 0.00	25.29 0.40 0.00	22.34 0.40 0.00	23.54 0.41 0.00	24.95 0.53 0.00	31.84 0.82 0.00	39.41 0.92 -0.09	46.50 1.15 -1.03	49.61 1.45 -1.19	49.33 1.60 -1.29	39.87 0.97 -0.82	45.19 0.96 -14.85	31.61 1.04 -4.62	29.99 1.04 -2.50	31.64 1.03 -5.53	23.58 0.74 -2.92	24.25 0.96 -1.24	26.42 1.17 0.00	28.10 1.23 -0.09	24.49 0.94 0.00	26.52 0.87 0.00
PYRITES____HYD 24023	32.61 0.82 0.00	28.70 0.52 0.00	29.48 0.54 0.00	28.75 0.55 0.00	25.40 0.51 0.00	22.48 0.55 0.00	23.88 0.75 0.00	25.12 0.70 0.00	31.85 0.82 0.00	39.35 0.96 0.00	45.34 0.59 -0.45	48.32 0.71 -0.63	47.47 0.34 -0.68	38.49 0.01 -0.39	29.23 -0.15 -0.01	3.00 -0.87 22.09	-10.86 -0.98 36.35	-11.46 -1.04 35.51	5.54 -0.72 13.66	21.32 -0.72 0.00	24.65 -0.60 0.00	26.91 0.08 -0.05	23.93 0.38 0.00	26.02 0.37 0.00
QUAKERRD_115KV_BK1 80622	31.35 -0.44 0.00	27.49 -0.68 0.00	28.10 -0.83 0.00	27.30 -0.89 0.00	24.09 -0.80 0.00	21.35 -0.59 0.00	22.48 -0.66 0.00	23.62 -0.79 0.00	30.19 -0.84 0.00	37.36 -1.06 -0.02	43.23 -1.08 0.00	46.07 -0.90 0.00	45.36 -1.08 0.00	37.29 -0.83 -0.03	34.06 -0.41 -5.10	27.34 -0.20 -1.58	27.08 -0.23 -0.85	26.72 -0.26 -1.90	20.69 -0.22 -1.00	22.27 -0.20 -0.43	25.14 -0.11 0.00	26.72 -0.05 0.00	23.39 -0.16 0.00	25.40 -0.24 0.00

QUENSBRY_115KV_TB8 356137	34.86 3.07 0.00	30.92 2.75 0.00	31.73 2.80 0.00	30.90 2.70 0.00	27.29 2.40 0.00	24.06 2.12 0.00	26.52 2.27 -1.12	27.22 2.46 -0.34	34.04 3.02 0.00	42.86 3.97 -0.49	48.65 4.34 0.00	51.48 4.50 0.00	51.09 4.63 -0.01	48.45 3.99 -6.38	150.98 2.98 -118.63	63.50 2.54 -35.00	48.55 2.36 -19.72	75.98 2.17 -48.73	44.01 1.85 -22.24	33.69 2.17 -9.48	27.61 2.35 -0.01	29.02 2.19 -0.06	27.94 1.80 -2.59	28.12 1.78 -0.69
RAMAPO____LBMP 323565	32.74 0.95 0.00	29.07 0.90 0.00	29.77 0.83 0.00	29.06 0.86 0.00	25.63 0.75 0.00	22.66 0.72 0.00	15.78 0.74 8.08	22.93 0.97 2.46	32.15 1.12 0.00	40.15 1.60 -0.16	46.28 1.97 0.00	48.97 1.99 0.00	48.75 2.30 0.00	5.63 1.92 34.38	30.75 1.72 0.35	38.44 1.87 -10.61	28.19 2.01 0.27	7.54 1.84 19.39	28.05 1.39 -6.75	26.38 1.45 -2.87	26.68 1.47 0.04	27.79 1.25 0.23	14.45 1.01 10.12	24.04 1.10 2.71
RANKINE____ 23646	32.52 0.73 0.00	28.29 0.12 0.00	28.85 -0.08 0.00	27.95 -0.25 0.00	24.64 -0.24 0.00	21.90 -0.04 0.00	23.04 -0.09 0.00	24.15 -0.27 0.00	31.07 0.05 0.00	38.36 -0.07 -0.03	44.33 0.02 0.00	47.20 0.22 0.00	46.23 -0.22 0.00	37.77 -0.35 -0.04	36.37 0.02 -6.97	28.45 0.33 -2.16	27.98 0.36 -1.16	28.08 0.41 -2.59	21.55 0.26 -1.37	23.05 0.42 -0.59	26.03 0.77 0.00	27.82 1.05 0.00	24.40 0.84 0.00	26.53 0.89 0.00
RAVENSWOOD_GT2_1 24244	33.07 1.28 0.00	29.37 1.20 0.00	30.05 1.12 0.00	29.34 1.14 0.00	25.90 1.01 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.57 1.55 0.00	40.68 2.12 -0.17	46.91 2.60 0.00	49.58 2.60 0.00	49.40 2.95 0.00	67.19 2.48 -26.62	93.94 2.20 -62.37	39.41 2.31 -11.15	39.02 2.41 -10.14	68.22 2.19 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.56 -0.26	34.84 1.31 -9.97	30.03 1.44 -2.96
RAVENSWOOD_GT2_2 24245	33.07 1.28 0.00	29.37 1.20 0.00	30.05 1.12 0.00	29.34 1.14 0.00	25.90 1.01 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.57 1.55 0.00	40.68 2.12 -0.17	46.91 2.60 0.00	49.58 2.60 0.00	49.40 2.95 0.00	67.19 2.48 -26.62	93.94 2.20 -62.37	39.41 2.31 -11.15	39.02 2.41 -10.14	68.22 2.19 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.56 -0.26	34.84 1.31 -9.97	30.03 1.44 -2.96
RAVENSWOOD_GT2_3 24246	33.10 1.32 0.00	29.39 1.21 0.00	30.06 1.13 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.91 0.98 0.00	29.70 1.03 -5.54	27.41 1.32 -1.68	32.59 1.57 0.00	40.72 2.15 -0.17	46.94 2.63 0.00	49.60 2.62 0.00	49.43 2.98 0.00	67.22 2.52 -26.62	93.96 2.22 -62.37	39.44 2.33 -11.15	39.04 2.44 -10.14	68.25 2.22 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.09 1.79 -0.04	28.62 1.58 -0.26	34.86 1.33 -9.97	30.06 1.46 -2.96
RAVENSWOOD_GT2_4 24247	33.10 1.32 0.00	29.39 1.21 0.00	30.06 1.13 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.91 0.98 0.00	29.70 1.03 -5.54	27.41 1.32 -1.68	32.59 1.57 0.00	40.72 2.15 -0.17	46.94 2.63 0.00	49.60 2.62 0.00	49.43 2.98 0.00	67.22 2.52 -26.62	93.96 2.22 -62.37	39.44 2.33 -11.15	39.04 2.44 -10.14	68.25 2.22 -40.95	30.88 1.65 -9.31	26.94 1.75 -3.14	27.09 1.79 -0.04	28.62 1.58 -0.26	34.86 1.33 -9.97	30.06 1.46 -2.96
RAVENSWOOD_GT3_1 24248	33.08 1.29 0.00	29.37 1.19 0.00	30.05 1.11 0.00	29.34 1.14 0.00	25.89 1.00 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.69 2.12 -0.17	46.91 2.60 0.00	49.58 2.60 0.00	49.40 2.95 0.00	67.19 2.49 -26.62	93.95 2.20 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.22 2.19 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.56 -0.26	34.85 1.32 -9.97	30.03 1.44 -2.96
RAVENSWOOD_GT3_2 24249	33.08 1.29 0.00	29.37 1.19 0.00	30.05 1.11 0.00	29.34 1.14 0.00	25.89 1.00 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.69 2.12 -0.17	46.91 2.60 0.00	49.58 2.60 0.00	49.40 2.95 0.00	67.19 2.49 -26.62	93.95 2.20 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.22 2.19 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.56 -0.26	34.85 1.32 -9.97	30.03 1.44 -2.96
RAVENSWOOD_GT3_3 24250	33.14 1.35 0.00	29.42 1.24 0.00	30.10 1.17 0.00	29.38 1.19 0.00	25.93 1.05 0.00	22.94 1.01 0.00	29.73 1.05 -5.54	27.44 1.35 -1.68	32.65 1.62 0.00	40.78 2.21 -0.17	47.01 2.70 0.00	49.68 2.71 0.00	49.51 3.06 0.00	67.29 2.58 -26.62	94.01 2.26 -62.37	39.48 2.38 -11.15	39.09 2.48 -10.14	68.29 2.26 -40.95	30.91 1.69 -9.31	26.98 1.78 -3.14	27.13 1.84 -0.04	28.66 1.62 -0.26	34.90 1.37 -9.97	30.09 1.49 -2.96
RAVENSWOOD_GT3_4 24251	33.14 1.35 0.00	29.42 1.24 0.00	30.10 1.17 0.00	29.38 1.18 0.00	25.93 1.05 0.00	22.94 1.01 0.00	29.73 1.05 -5.54	27.44 1.34 -1.68	32.64 1.62 0.00	40.78 2.21 -0.17	47.02 2.71 0.00	49.68 2.71 0.00	49.51 3.06 0.00	67.29 2.58 -26.62	94.01 2.26 -62.37	39.48 2.37 -11.15	39.09 2.48 -10.14	68.29 2.26 -40.95	30.91 1.69 -9.31	26.98 1.79 -3.14	27.13 1.83 -0.04	28.66 1.62 -0.26	34.90 1.37 -9.97	30.09 1.49 -2.96
RAVENSWOOD_GT_1 23729	33.10 1.32 0.00	29.40 1.22 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.91 1.02 0.00	22.92 0.99 0.00	29.71 1.04 -5.54	27.43 1.33 -1.68	32.63 1.61 0.00	40.75 2.19 -0.17	46.98 2.67 0.00	49.68 2.70 0.00	49.50 3.06 0.00	67.29 2.59 -26.62	94.01 2.26 -62.37	39.49 2.38 -11.15	39.08 2.48 -10.14	68.27 2.24 -40.95	30.92 1.69 -9.31	26.98 1.79 -3.14	27.13 1.83 -0.04	28.65 1.61 -0.26	34.89 1.36 -9.97	30.10 1.50 -2.96
RAVENSWOOD_GT_10 24258	33.09 1.30 0.00	29.37 1.20 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.89 1.00 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.69 2.12 -0.17	46.91 2.60 0.00	49.58 2.61 0.00	49.40 2.96 0.00	67.19 2.49 -26.62	93.95 2.20 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.57 -0.26	34.85 1.32 -9.97	30.04 1.44 -2.96
RAVENSWOOD_GT_11 24259	33.08 1.30 0.00	29.37 1.20 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.90 1.01 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.69 2.12 -0.17	46.91 2.60 0.00	49.58 2.60 0.00	49.40 2.95 0.00	67.19 2.49 -26.62	93.95 2.20 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.56 -0.26	34.85 1.32 -9.97	30.03 1.44 -2.96
RAVENSWOOD_GT_4 24252	33.10 1.32 0.00	29.39 1.21 0.00	30.07 1.14 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.91 0.98 0.00	29.70 1.02 -5.54	27.40 1.30 -1.68	32.58 1.56 0.00	40.69 2.13 -0.17	46.91 2.61 0.00	49.58 2.61 0.00	49.41 2.96 0.00	67.19 2.49 -26.62	93.94 2.19 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.08 1.78 -0.04	28.60 1.57 -0.26	34.85 1.32 -9.97	30.04 1.44 -2.96

RAVENSWOOD_GT_5 24254	33.10 1.32 0.00	29.39 1.21 0.00	30.07 1.14 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.91 0.98 0.00	29.70 1.02 -5.54	27.40 1.30 -1.68	32.58 1.56 0.00	40.69 2.13 -0.17	46.91 2.61 0.00	49.58 2.61 0.00	49.41 2.96 0.00	67.19 2.49 -26.62	93.94 2.19 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.08 1.78 -0.04	28.60 1.57 -0.26	34.85 1.32 -9.97	30.04 1.44 -2.96
RAVENSWOOD_GT_6 24253	33.10 1.32 0.00	29.39 1.21 0.00	30.07 1.14 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.91 0.98 0.00	29.70 1.02 -5.54	27.40 1.30 -1.68	32.58 1.56 0.00	40.69 2.13 -0.17	46.91 2.61 0.00	49.58 2.61 0.00	49.41 2.96 0.00	67.19 2.49 -26.62	93.94 2.19 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.08 1.78 -0.04	28.60 1.57 -0.26	34.85 1.32 -9.97	30.04 1.44 -2.96
RAVENSWOOD_GT_7 24255	33.10 1.32 0.00	29.39 1.21 0.00	30.07 1.14 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.91 0.98 0.00	29.70 1.02 -5.54	27.40 1.30 -1.68	32.58 1.56 0.00	40.69 2.13 -0.17	46.91 2.61 0.00	49.58 2.61 0.00	49.41 2.96 0.00	67.19 2.49 -26.62	93.94 2.19 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.08 1.78 -0.04	28.60 1.57 -0.26	34.85 1.32 -9.97	30.04 1.44 -2.96
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.09 1.30 0.00	29.37 1.20 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.89 1.00 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.69 2.12 -0.17	46.91 2.60 0.00	49.58 2.61 0.00	49.40 2.96 0.00	67.19 2.49 -26.62	93.95 2.20 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.57 -0.26	34.85 1.32 -9.97	30.04 1.44 -2.96
RAVENSWOOD_GT_9 24257	33.08 1.30 0.00	29.37 1.20 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.90 1.01 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.69 2.12 -0.17	46.91 2.60 0.00	49.58 2.60 0.00	49.40 2.95 0.00	67.19 2.49 -26.62	93.95 2.20 -62.37	39.41 2.31 -11.15	39.02 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.92 1.73 -3.14	27.07 1.78 -0.04	28.60 1.56 -0.26	34.85 1.32 -9.97	30.03 1.44 -2.96
RAVENSWOOD___1 23533	33.04 1.25 0.00	29.34 1.17 0.00	30.00 1.07 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.70 2.13 -0.17	46.92 2.61 0.00	49.59 2.62 0.00	49.43 2.98 0.00	67.22 2.51 -26.62	93.97 2.22 -62.37	39.44 2.33 -11.15	39.04 2.44 -10.14	68.23 2.20 -40.95	30.89 1.66 -9.31	26.95 1.76 -3.14	27.09 1.79 -0.04	28.60 1.56 -0.26	34.86 1.33 -9.97	30.06 1.46 -2.96
RAVENSWOOD___2 23534	33.04 1.25 0.00	29.34 1.17 0.00	30.00 1.07 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.70 2.13 -0.17	46.92 2.61 0.00	49.59 2.62 0.00	49.43 2.98 0.00	67.22 2.51 -26.62	93.97 2.22 -62.37	39.44 2.33 -11.15	39.04 2.44 -10.14	68.23 2.20 -40.95	30.89 1.66 -9.31	26.95 1.76 -3.14	27.09 1.79 -0.04	28.60 1.56 -0.26	34.86 1.33 -9.97	30.06 1.46 -2.96
RAVENSWOOD___3 23535	33.08 1.29 0.00	29.38 1.20 0.00	30.06 1.12 0.00	29.34 1.14 0.00	25.90 1.01 0.00	22.91 0.97 0.00	29.69 1.01 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.69 2.13 -0.17	46.92 2.61 0.00	49.58 2.60 0.00	49.41 2.96 0.00	67.20 2.49 -26.62	93.95 2.20 -62.37	39.41 2.31 -11.15	39.03 2.42 -10.14	68.23 2.20 -40.95	30.87 1.64 -9.31	26.93 1.74 -3.14	27.07 1.78 -0.04	28.60 1.56 -0.26	34.85 1.32 -9.97	30.04 1.44 -2.96
RAVENSWOOD___4 23820	33.04 1.25 0.00	29.34 1.17 0.00	30.00 1.07 0.00	29.28 1.09 0.00	25.86 0.97 0.00	22.88 0.94 0.00	29.66 0.99 -5.54	27.39 1.29 -1.68	32.58 1.56 0.00	40.70 2.13 -0.17	46.92 2.61 0.00	49.59 2.62 0.00	49.43 2.98 0.00	67.22 2.51 -26.62	93.97 2.22 -62.37	39.44 2.33 -11.15	39.04 2.44 -10.14	68.23 2.20 -40.95	30.89 1.66 -9.31	26.95 1.76 -3.14	27.09 1.79 -0.04	28.60 1.56 -0.26	34.86 1.33 -9.97	30.06 1.46 -2.96
RCPL_TRUST___DRP 24196	33.11 1.32 0.00	29.39 1.21 0.00	30.07 1.14 0.00	29.35 1.15 0.00	25.91 1.02 0.00	22.93 0.99 0.00	29.72 1.04 -5.55	27.42 1.32 -1.68	32.62 1.59 0.00	40.75 2.19 -0.17	46.98 2.67 0.00	49.64 2.66 0.00	49.48 3.03 0.00	67.26 2.54 -26.63	94.01 2.25 -62.39	39.46 2.36 -11.15	39.07 2.46 -10.14	68.27 2.25 -40.93	30.74 1.66 -9.17	26.93 1.75 -3.14	27.09 1.80 -0.04	28.62 1.58 -0.26	34.82 1.32 -9.94	30.01 1.44 -2.93
RED___ROCHESTER 323720	32.51 0.73 0.00	28.45 0.28 0.00	29.06 0.13 0.00	28.21 0.02 0.00	24.90 0.01 0.00	22.07 0.13 0.00	23.24 0.10 0.00	24.41 -0.01 0.00	31.25 0.23 0.00	38.65 0.24 -0.01	44.24 0.46 0.52	47.20 0.83 0.61	46.38 0.59 0.66	38.28 0.54 0.35	35.27 0.70 -5.19	28.39 0.83 -1.60	28.09 0.79 -0.85	27.68 0.67 -1.92	21.45 0.51 -1.03	23.10 0.61 -0.44	26.13 0.88 0.00	27.75 1.03 0.05	24.32 0.77 0.00	26.41 0.76 0.00
REGAN___SOLAR 323812	35.47 3.68 0.00	30.90 2.72 0.00	31.58 2.65 0.00	30.75 2.55 0.00	27.17 2.28 0.00	24.30 2.36 0.00	26.73 2.72 -0.88	27.39 2.71 -0.27	34.69 3.67 0.00	43.30 4.44 -0.46	48.99 4.68 0.00	52.10 5.12 0.00	51.36 4.90 -0.01	47.63 4.34 -5.21	142.78 3.29 -110.12	61.98 3.31 -32.72	47.54 3.58 -17.50	68.47 3.47 -39.91	43.47 2.76 -20.79	33.95 3.05 -8.86	28.72 3.46 -0.01	30.43 3.60 -0.05	28.66 3.04 -2.06	29.32 3.13 -0.55
RENSSELAER___COGEN 23796	32.47 0.68 0.00	28.94 0.76 0.00	29.73 0.80 0.00	29.00 0.80 0.00	25.59 0.70 0.00	22.56 0.62 0.00	24.83 0.55 -1.14	25.43 0.65 -0.36	31.78 0.76 0.00	39.80 1.07 -0.34	45.50 1.19 0.00	48.13 1.15 0.00	47.72 1.26 0.00	45.59 1.06 -6.45	112.90 0.84 -82.69	50.61 0.88 -23.77	41.14 0.92 -13.76	61.51 0.82 -35.60	35.67 0.65 -15.11	29.19 0.71 -6.44	26.06 0.79 -0.01	27.38 0.54 -0.06	26.63 0.38 -2.70	26.81 0.44 -0.72
REPUBLIC_115KV_BARTNBRK 55605	36.78 5.00 0.00	32.41 4.24 0.00	33.27 4.34 0.00	32.35 4.15 0.00	28.63 3.74 0.00	25.37 3.44 0.00	28.05 3.80 -1.12	28.83 4.07 -0.34	36.05 5.03 0.00	45.27 6.39 -0.49	51.58 7.28 0.00	54.38 7.40 0.00	53.85 7.40 -0.01	50.88 6.41 -6.39	153.02 5.36 -118.28	65.43 4.58 -34.89	50.55 4.43 -19.67	77.88 4.19 -48.61	45.45 3.37 -22.17	35.29 3.79 -9.45	29.43 4.16 -0.01	31.01 4.17 -0.06	29.65 3.50 -2.60	29.71 3.38 -0.69
REVERE_CPPR_DRP 24186	32.89 1.10 0.00	28.93 0.75 0.00	29.63 0.70 0.00	28.87 0.67 0.00	25.51 0.62 0.00	22.64 0.71 0.00	24.00 0.87 0.00	25.35 0.93 0.00	32.37 1.35 0.00	40.14 1.73 -0.02	47.09 2.04 -0.74	49.93 2.08 -0.88	49.45 2.06 -0.95	40.43 1.80 -0.54	30.78 1.39 -0.02	27.18 1.21 -0.02	27.69 1.20 -0.03	26.21 1.10 -0.02	20.82 0.91 0.00	23.18 1.14 0.00	26.65 1.39 0.00	28.26 1.42 -0.07	24.62 1.07 0.00	26.68 1.04 0.00

REYNOLDS_115KV_TB3 80639	32.75 0.96 0.00	29.19 1.02 0.00	29.99 1.06 0.00	29.26 1.06 0.00	25.82 0.93 0.00	22.73 0.80 0.00	25.02 0.71 -1.17	25.60 0.82 -0.37	32.03 1.01 0.00	40.12 1.37 -0.36	45.82 1.51 0.00	48.49 1.51 0.00	48.08 1.63 -0.01	46.10 1.40 -6.62	117.74 1.14 -87.23	52.23 1.14 -25.14	42.17 1.20 -14.52	63.56 1.07 -37.40	36.76 0.87 -15.97	29.79 0.93 -6.81	26.30 1.03 -0.01	27.66 0.82 -0.06	26.98 0.63 -2.80	27.12 0.72 -0.75
RIVERBAY____ 323610	33.15 1.36 0.00	29.37 1.19 0.00	29.96 1.03 0.00	29.26 1.07 0.00	25.85 0.96 0.00	22.98 1.04 0.00	29.78 1.11 -5.54	27.46 1.36 -1.68	32.56 1.54 0.00	40.68 2.11 -0.17	46.87 2.57 0.00	49.62 2.64 0.00	49.43 2.98 0.00	67.17 2.46 -26.62	93.91 2.16 -62.37	39.43 2.32 -11.15	39.02 2.41 -10.14	68.21 2.18 -40.95	30.89 1.67 -9.31	26.92 1.73 -3.14	27.06 1.76 -0.04	28.61 1.57 -0.26	34.86 1.34 -9.97	30.06 1.46 -2.96
RIVERSDE_115KV_TB3 55908	32.66 0.87 0.00	29.10 0.93 0.00	29.89 0.96 0.00	29.16 0.97 0.00	25.74 0.85 0.00	22.68 0.74 0.00	24.96 0.68 -1.15	25.56 0.78 -0.36	31.97 0.94 0.00	40.06 1.30 -0.36	45.77 1.46 0.00	48.43 1.45 0.00	48.04 1.59 -0.01	45.97 1.35 -6.53	118.66 1.09 -88.19	52.52 1.10 -25.47	42.29 1.15 -14.67	63.80 1.04 -37.68	36.92 0.83 -16.18	29.83 0.89 -6.89	26.26 0.99 -0.01	27.58 0.75 -0.06	26.86 0.57 -2.74	27.01 0.64 -0.73
ROARING____BROOK_WT_PWR 323790	31.35 -0.44 0.00	27.62 -0.55 0.00	28.50 -0.44 0.00	27.75 -0.45 0.00	24.57 -0.32 0.00	21.61 -0.33 0.00	22.86 -0.28 0.00	24.08 -0.34 0.00	30.63 -0.39 0.00	37.83 -0.56 0.00	43.36 -0.95 0.00	46.05 -0.93 0.00	45.50 -0.95 0.00	37.26 -0.82 0.00	28.63 -0.75 0.00	-14.21 -0.88 39.28	-39.00 -0.81 64.65	-39.00 -0.94 63.15	-5.11 -0.75 24.28	21.24 -0.81 0.00	24.53 -0.72 0.00	26.24 -0.54 0.00	22.88 -0.67 0.00	24.88 -0.76 0.00
ROCHESRG_115KV_T4 355643	32.12 0.33 0.00	28.13 -0.05 0.00	28.73 -0.20 0.00	27.91 -0.29 0.00	24.63 -0.26 0.00	21.83 -0.11 0.00	22.98 -0.16 0.00	24.13 -0.29 0.00	30.87 -0.15 0.00	38.16 -0.25 -0.01	43.59 -0.14 0.58	46.41 0.10 0.67	45.57 -0.15 0.73	37.60 -0.10 0.39	34.69 0.16 -5.15	27.91 0.36 -1.59	27.64 0.34 -0.84	27.26 0.27 -1.90	21.13 0.20 -1.02	22.76 0.28 -0.43	25.76 0.51 0.00	27.36 0.64 0.05	24.01 0.45 0.00	26.10 0.45 0.00
ROCHESTER_9_IC 23652	32.34 0.55 0.00	28.31 0.13 0.00	28.91 -0.02 0.00	28.08 -0.12 0.00	24.78 -0.11 0.00	21.97 0.03 0.00	23.12 -0.01 0.00	24.29 -0.13 0.00	31.09 0.06 0.00	38.43 0.02 -0.01	43.98 0.20 0.52	46.87 0.50 0.61	46.04 0.25 0.66	37.99 0.26 0.35	35.02 0.45 -5.19	28.17 0.61 -1.60	27.89 0.58 -0.85	27.48 0.48 -1.92	21.30 0.36 -1.03	22.94 0.46 -0.44	25.96 0.71 0.00	27.58 0.85 0.05	24.18 0.62 0.00	26.27 0.62 0.00
ROCKVIEW_13_KV_LD 356306	33.22 1.44 0.00	29.49 1.32 0.00	30.17 1.24 0.00	29.45 1.26 0.00	25.99 1.10 0.00	22.97 1.04 0.00	29.76 1.09 -5.54	27.46 1.36 -1.68	32.67 1.64 0.00	40.79 2.23 -0.17	47.03 2.72 0.00	49.73 2.75 0.00	49.51 3.07 0.00	67.28 2.59 -26.60	93.98 2.25 -62.35	39.49 2.38 -11.15	39.09 2.49 -10.14	68.03 2.28 -40.66	29.43 1.71 -7.81	26.92 1.81 -3.06	27.17 1.87 -0.04	28.67 1.67 -0.23	34.57 1.39 -9.64	29.82 1.51 -2.67
ROME____115KV_TB2 80656	32.89 1.10 0.00	28.93 0.75 0.00	29.63 0.70 0.00	28.87 0.67 0.00	25.51 0.62 0.00	22.64 0.71 0.00	24.00 0.87 0.00	25.35 0.93 0.00	32.37 1.35 0.00	40.14 1.73 -0.02	47.09 2.04 -0.74	49.93 2.08 -0.88	49.45 2.06 -0.95	40.43 1.80 -0.54	30.78 1.39 -0.02	27.18 1.21 -0.02	27.69 1.20 -0.03	26.21 1.10 -0.02	20.82 0.91 0.00	23.18 1.14 0.00	26.65 1.39 0.00	28.26 1.42 -0.07	24.62 1.07 0.00	26.68 1.04 0.00
ROSETON____1 23587	32.85 1.06 0.00	29.19 1.02 0.00	29.92 0.99 0.00	29.20 1.01 0.00	25.77 0.89 0.00	22.75 0.81 0.00	23.95 0.81 0.00	25.45 1.03 0.00	32.24 1.21 0.00	40.23 1.67 -0.17	46.35 2.04 0.00	49.01 2.04 0.00	48.76 2.31 0.00	40.26 1.96 -0.21	66.88 1.73 -35.78	38.89 1.84 -11.09	34.33 1.93 -5.94	41.89 1.79 -15.02	28.30 1.34 -7.05	26.46 1.41 -3.00	26.67 1.44 0.02	27.89 1.24 0.12	19.03 1.02 5.55	25.29 1.13 1.48
ROSETON____2 23588	32.85 1.06 0.00	29.19 1.02 0.00	29.92 0.99 0.00	29.20 1.01 0.00	25.77 0.89 0.00	22.75 0.81 0.00	23.95 0.81 0.00	25.45 1.03 0.00	32.24 1.21 0.00	40.23 1.67 -0.17	46.35 2.04 0.00	49.01 2.04 0.00	48.76 2.31 0.00	40.26 1.96 -0.21	66.88 1.73 -35.78	38.89 1.84 -11.09	34.33 1.93 -5.94	41.89 1.79 -15.02	28.30 1.34 -7.05	26.46 1.41 -3.00	26.67 1.44 0.02	27.89 1.24 0.12	19.03 1.02 5.55	25.29 1.13 1.48
ROTTSDAM_115KV_TB3 80664	33.14 1.35 0.00	29.44 1.26 0.00	30.23 1.30 0.00	29.47 1.28 0.00	26.01 1.12 0.00	22.91 0.98 0.00	25.19 0.99 -1.07	25.86 1.11 -0.33	32.39 1.37 0.00	40.73 1.82 -0.52	46.36 2.06 0.00	49.08 2.10 0.00	48.67 2.22 -0.01	46.22 1.91 -6.22	155.50 1.55 -124.58	64.37 1.51 -36.91	48.71 1.54 -20.71	77.31 1.44 -50.79	44.51 1.15 -23.45	33.29 1.25 -9.99	26.61 1.35 -0.01	28.06 1.23 -0.06	27.03 1.00 -2.48	27.39 1.08 -0.66
RUSSELL____1 23602	32.51 0.72 0.00	28.45 0.28 0.00	29.06 0.12 0.00	28.21 0.02 0.00	24.90 0.01 0.00	22.07 0.13 0.00	23.24 0.10 0.00	24.41 -0.01 0.00	31.25 0.22 0.00	38.65 0.24 -0.01	44.25 0.46 0.52	47.18 0.82 0.61	46.38 0.59 0.66	38.27 0.54 0.35	35.27 0.71 -5.19	28.38 0.82 -1.60	28.08 0.77 -0.85	27.66 0.66 -1.92	21.44 0.51 -1.03	23.10 0.61 -0.44	26.13 0.88 0.00	27.75 1.03 0.05	24.32 0.77 0.00	26.41 0.76 0.00
RUSSELL____2 23532	32.51 0.72 0.00	28.45 0.28 0.00	29.06 0.12 0.00	28.21 0.02 0.00	24.90 0.01 0.00	22.07 0.13 0.00	23.24 0.10 0.00	24.41 -0.01 0.00	31.25 0.22 0.00	38.65 0.24 -0.01	44.25 0.46 0.52	47.18 0.82 0.61	46.38 0.59 0.66	38.27 0.54 0.35	35.27 0.71 -5.19	28.38 0.82 -1.60	28.08 0.77 -0.85	27.66 0.66 -1.92	21.44 0.51 -1.03	23.10 0.61 -0.44	26.13 0.88 0.00	27.75 1.03 0.05	24.32 0.77 0.00	26.41 0.76 0.00
RUSSELL____3 23549	32.51 0.72 0.00	28.45 0.28 0.00	29.06 0.12 0.00	28.21 0.02 0.00	24.90 0.01 0.00	22.07 0.13 0.00	23.24 0.10 0.00	24.41 -0.01 0.00	31.25 0.22 0.00	38.65 0.24 -0.01	44.25 0.46 0.52	47.18 0.82 0.61	46.38 0.59 0.66	38.27 0.54 0.35	35.27 0.71 -5.19	28.38 0.82 -1.60	28.08 0.77 -0.85	27.66 0.66 -1.92	21.44 0.51 -1.03	23.10 0.61 -0.44	26.13 0.88 0.00	27.75 1.03 0.05	24.32 0.77 0.00	26.41 0.76 0.00
RUSSELL____4 23556	32.51 0.72 0.00	28.45 0.28 0.00	29.06 0.12 0.00	28.21 0.02 0.00	24.90 0.01 0.00	22.07 0.13 0.00	23.24 0.10 0.00	24.41 -0.01 0.00	31.25 0.22 0.00	38.65 0.24 -0.01	44.25 0.46 0.52	47.18 0.82 0.61	46.38 0.59 0.66	38.27 0.54 0.35	35.27 0.71 -5.19	28.38 0.82 -1.60	28.08 0.77 -0.85	27.66 0.66 -1.92	21.44 0.51 -1.03	23.10 0.61 -0.44	26.13 0.88 0.00	27.75 1.03 0.05	24.32 0.77 0.00	26.41 0.76 0.00

RUSSELL___STATION 23914	32.51 0.72 0.00	28.45 0.28 0.00	29.06 0.12 0.00	28.21 0.02 0.00	24.90 0.01 0.00	22.07 0.13 0.00	23.24 0.10 0.00	24.41 -0.01 0.00	31.25 0.22 0.00	38.65 0.24 -0.01	44.25 0.46 0.52	47.18 0.82 0.61	46.38 0.59 0.66	38.27 0.54 0.35	35.27 0.71 -5.19	28.38 0.82 -1.60	28.08 0.77 -0.85	27.66 0.66 -1.92	21.44 0.51 -1.03	23.10 0.61 -0.44	26.13 0.88 0.00	27.75 1.03 0.05	24.32 0.77 0.00	26.41 0.76 0.00
S SALMON___HYD 24043	31.54 -0.25 0.00	27.80 -0.37 0.00	28.46 -0.47 0.00	27.69 -0.51 0.00	24.49 -0.40 0.00	21.63 -0.31 0.00	22.80 -0.33 0.00	24.05 -0.37 0.00	30.72 -0.30 0.00	38.17 -0.30 -0.08	47.63 -0.39 -3.71	50.98 -0.53 -4.54	50.64 -0.72 -4.91	40.22 -0.70 -2.83	29.08 -0.39 -0.09	23.36 -0.38 2.21	22.31 -0.51 3.63	20.98 -0.53 3.58	18.19 -0.31 1.42	21.89 -0.15 0.00	25.11 -0.14 0.00	27.10 -0.03 -0.35	23.31 -0.25 0.00	25.29 -0.36 0.00
S.PERRY___115KV_TB1 80734	33.31 1.52 0.00	29.07 0.89 0.00	29.70 0.76 0.00	28.75 0.56 0.00	25.36 0.48 0.00	22.33 0.40 0.00	23.22 0.09 0.00	24.64 0.22 0.00	31.02 -0.01 0.00	37.91 -0.52 -0.03	43.75 -0.56 0.00	46.61 -0.37 0.00	45.78 -0.67 0.00	37.56 -0.56 -0.04	36.17 -0.40 -7.19	28.34 0.16 -2.23	28.04 0.38 -1.20	28.17 0.41 -2.67	21.54 0.21 -1.42	22.98 0.33 -0.60	25.93 0.68 0.00	27.71 0.93 0.00	24.16 0.61 0.00	26.13 0.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.29 0.51 0.00	28.10 -0.08 0.00	28.65 -0.29 0.00	27.77 -0.43 0.00	24.49 -0.40 0.00	21.78 -0.16 0.00	22.91 -0.23 0.00	23.94 -0.48 0.00	30.76 -0.26 0.00	37.98 -0.45 -0.03	43.87 -0.44 0.00	46.69 -0.29 0.00	45.72 -0.73 0.00	37.42 -0.70 -0.04	35.81 -0.26 -6.69	28.11 0.08 -2.08	27.68 0.11 -1.11	27.71 0.14 -2.48	21.29 0.06 -1.32	22.83 0.21 -0.56	25.80 0.54 0.00	27.59 0.82 0.00	24.21 0.66 0.00	26.38 0.73 0.00
SAWYER___23_KV_LOAD 55526	32.29 0.51 0.00	28.10 -0.08 0.00	28.65 -0.29 0.00	27.77 -0.43 0.00	24.49 -0.40 0.00	21.78 -0.16 0.00	22.91 -0.23 0.00	23.94 -0.48 0.00	30.76 -0.26 0.00	37.98 -0.45 -0.03	43.87 -0.44 0.00	46.69 -0.29 0.00	45.72 -0.73 0.00	37.42 -0.70 -0.04	35.81 -0.26 -6.69	28.11 0.08 -2.08	27.68 0.11 -1.11	27.71 0.14 -2.48	21.29 0.06 -1.32	22.83 0.21 -0.56	25.80 0.54 0.00	27.59 0.82 0.00	24.21 0.66 0.00	26.38 0.73 0.00
SELKIRK___I 23801	32.79 1.01 0.00	29.23 1.06 0.00	30.06 1.12 0.00	29.33 1.13 0.00	25.88 0.99 0.00	22.79 0.85 0.00	24.97 0.80 -1.04	25.63 0.88 -0.33	32.09 1.06 0.00	40.11 1.42 -0.29	45.86 1.55 0.00	48.48 1.50 0.00	48.00 1.55 0.00	45.33 1.30 -5.94	101.41 1.01 -71.02	47.29 1.04 -20.29	39.34 1.06 -11.82	56.99 0.97 -30.93	33.58 0.77 -12.90	28.38 0.84 -5.49	26.21 0.94 -0.01	27.57 0.75 -0.05	26.54 0.57 -2.41	26.96 0.67 -0.64
SELKIRK___II 23799	32.56 0.77 0.00	29.01 0.84 0.00	29.82 0.88 0.00	29.08 0.89 0.00	25.67 0.78 0.00	22.60 0.67 0.00	24.85 0.60 -1.11	25.47 0.71 -0.34	31.85 0.82 0.00	39.84 1.15 -0.30	45.59 1.28 0.00	48.22 1.25 0.00	47.73 1.28 0.00	45.32 0.99 -6.25	104.26 0.76 -74.13	47.93 0.80 -21.17	39.61 0.81 -12.34	58.11 0.73 -32.30	33.94 0.57 -13.45	28.41 0.63 -5.73	25.96 0.69 -0.01	27.30 0.47 -0.06	26.47 0.34 -2.58	26.73 0.39 -0.69
SENECA OSWGO___HYD 24041	31.26 -0.53 0.00	27.61 -0.56 0.00	28.31 -0.63 0.00	27.57 -0.62 0.00	24.35 -0.54 0.00	21.50 -0.44 0.00	22.61 -0.52 0.00	23.87 -0.55 0.00	30.42 -0.61 0.00	37.81 -0.73 -0.15	49.12 -0.74 -5.54	52.60 -0.74 -6.37	52.58 -0.76 -6.89	41.43 -0.62 -3.97	32.52 -0.38 -3.53	26.92 -0.20 -1.17	26.96 -0.25 -0.75	26.29 -0.21 -1.41	20.46 -0.12 -0.67	22.24 -0.09 -0.29	25.12 -0.13 0.00	27.06 -0.21 -0.49	23.27 -0.28 0.00	25.25 -0.39 0.00
SENECA___115KV_TB3 355854	32.58 0.79 0.00	28.34 0.16 0.00	28.90 -0.04 0.00	27.99 -0.21 0.00	24.69 -0.20 0.00	21.94 0.00 0.00	23.08 -0.05 0.00	24.19 -0.23 0.00	31.13 0.11 0.00	38.44 0.01 -0.03	44.42 0.11 0.00	47.29 0.32 0.00	46.33 -0.12 0.00	37.86 -0.27 -0.04	36.43 0.08 -6.97	28.50 0.38 -2.16	28.02 0.40 -1.16	28.13 0.46 -2.59	21.59 0.30 -1.37	23.09 0.46 -0.59	26.08 0.82 0.00	27.87 1.10 0.00	24.44 0.88 0.00	26.58 0.93 0.00
SENECA___ENERGY 23797	31.98 0.20 0.00	28.17 -0.01 0.00	28.83 -0.11 0.00	27.99 -0.21 0.00	24.70 -0.18 0.00	21.85 -0.08 0.00	23.06 -0.07 0.00	24.35 -0.06 0.00	31.06 0.04 0.00	38.43 -0.04 -0.07	46.57 0.12 -2.14	49.75 0.31 -2.47	49.37 0.26 -2.67	39.82 0.17 -1.56	35.19 0.33 -5.49	28.17 0.48 -1.73	27.98 0.54 -0.98	27.67 0.51 -2.08	21.37 0.38 -1.08	22.87 0.37 -0.46	25.72 0.47 0.00	27.48 0.52 -0.19	23.87 0.32 0.00	25.86 0.21 0.00
SHOEMAKER___GT 23640	32.72 0.94 0.00	29.09 0.92 0.00	29.82 0.88 0.00	29.10 0.90 0.00	25.68 0.79 0.00	22.63 0.70 0.00	18.49 0.71 5.36	23.67 0.89 1.64	32.08 1.06 0.00	40.03 1.47 -0.15	46.16 1.85 0.00	48.87 1.90 0.00	48.56 2.12 0.00	17.86 1.74 21.96	40.78 1.51 -9.90	37.48 1.58 -9.94	29.72 1.73 -1.54	11.06 1.62 15.64	27.44 1.21 -6.32	26.00 1.26 -2.69	26.52 1.30 0.03	27.73 1.13 0.17	16.78 0.93 7.70	24.57 0.99 2.06
SHOEMAKR_138KV_BK 111 55601	32.70 0.92 0.00	29.06 0.88 0.00	29.78 0.84 0.00	29.06 0.86 0.00	25.65 0.76 0.00	22.62 0.68 0.00	18.74 0.69 5.09	23.74 0.87 1.56	32.06 1.04 0.00	40.00 1.45 -0.15	46.13 1.82 0.00	48.84 1.86 0.00	48.53 2.09 0.00	19.06 1.72 20.74	41.73 1.50 -10.85	37.40 1.59 -9.86	29.88 1.72 -1.70	8.68 1.61 18.01	27.38 1.21 -6.26	25.97 1.26 -2.67	26.52 1.30 0.03	27.73 1.13 0.17	17.01 0.90 7.45	24.63 0.98 1.99
SHOREHAM_IC_1 23715	34.92 2.52 -0.61	31.93 2.57 -1.18	31.39 2.45 0.00	30.57 2.37 0.00	26.96 2.07 0.00	23.81 1.87 0.00	30.51 1.89 -5.49	28.17 2.09 -1.66	33.54 2.51 0.00	42.07 3.50 -0.17	48.34 4.03 0.00	50.67 3.70 0.00	50.86 4.41 0.00	68.51 3.82 -26.60	100.30 2.38 -68.55	97.65 3.05 -68.64	154.22 3.22 -124.54	81.81 3.03 -53.70	347.54 2.21 -325.41	67.48 2.49 -42.94	30.28 2.75 -2.29	31.36 2.69 -1.90	62.67 2.42 -36.70	43.15 2.65 -14.86
SHOREHAM_IC_2 23716	34.92 2.52 -0.61	31.93 2.57 -1.18	31.39 2.45 0.00	30.57 2.37 0.00	26.96 2.07 0.00	23.81 1.87 0.00	30.51 1.89 -5.49	28.17 2.09 -1.66	33.54 2.51 0.00	42.07 3.50 -0.17	48.34 4.03 0.00	50.67 3.70 0.00	50.86 4.41 0.00	68.51 3.82 -26.60	100.30 2.38 -68.55	97.65 3.05 -68.64	154.22 3.22 -124.54	81.81 3.03 -53.70	347.54 2.21 -325.41	67.48 2.49 -42.94	30.28 2.75 -2.29	31.36 2.69 -1.90	62.67 2.42 -36.70	43.15 2.65 -14.86
SISSONVILLE___ 23735	32.06 0.28 0.00	28.28 0.10 0.00	29.05 0.11 0.00	28.32 0.12 0.00	25.02 0.13 0.00	22.08 0.15 0.00	23.41 0.28 0.00	24.63 0.21 0.00	31.32 0.29 0.00	38.65 0.25 -0.31	44.49 0.25 -0.49	47.39 -0.28 -0.69	46.61 -0.58 -0.74	37.70 -0.81 -0.43	28.60 -0.79 -0.01	2.97 -1.46 21.53	-10.56 -1.60 35.43	-11.15 -1.63 34.61	5.38 -1.22 13.31	20.77 -1.28 0.00	24.01 -1.25 0.00	26.27 -0.56 -0.05	23.43 -0.12 0.00	25.51 -0.13 0.00

SITHE_IND_GS1 24169	30.83 -0.96 0.00	27.25 -0.92 0.00	27.96 -0.98 0.00	27.22 -0.98 0.00	24.03 -0.86 0.00	21.21 -0.72 0.00	22.32 -0.81 0.00	23.55 -0.86 0.00	29.99 -1.04 0.00	36.74 -1.28 0.39	25.85 -1.41 17.05	25.82 -1.43 19.73	23.66 -1.44 21.35	24.64 -1.19 12.25	28.12 -0.84 0.41	24.95 -0.64 0.36	25.19 -0.68 0.59	23.99 -0.63 0.46	19.43 -0.48 0.00	21.54 -0.51 0.00	24.68 -0.57 0.00	24.59 -0.66 1.53	22.91 -0.64 0.00	24.89 -0.75 0.00
SITHE_IND_GS2 24170	30.83 -0.96 0.00	27.25 -0.92 0.00	27.96 -0.98 0.00	27.22 -0.98 0.00	24.03 -0.86 0.00	21.21 -0.72 0.00	22.32 -0.81 0.00	23.55 -0.86 0.00	29.99 -1.04 0.00	36.74 -1.28 0.39	25.85 -1.41 17.05	25.82 -1.43 19.73	23.66 -1.44 21.35	24.64 -1.19 12.25	28.12 -0.84 0.41	24.95 -0.64 0.36	25.19 -0.68 0.59	23.99 -0.63 0.46	19.43 -0.48 0.00	21.54 -0.51 0.00	24.68 -0.57 0.00	24.59 -0.66 1.53	22.91 -0.64 0.00	24.89 -0.75 0.00
SITHE_IND_GS3 24171	30.83 -0.96 0.00	27.25 -0.92 0.00	27.96 -0.98 0.00	27.22 -0.98 0.00	24.03 -0.86 0.00	21.21 -0.72 0.00	22.32 -0.81 0.00	23.55 -0.86 0.00	29.99 -1.04 0.00	36.74 -1.28 0.39	25.85 -1.41 17.05	25.82 -1.43 19.73	23.66 -1.44 21.35	24.64 -1.19 12.25	28.12 -0.84 0.41	24.95 -0.64 0.36	25.19 -0.68 0.59	23.99 -0.63 0.46	19.43 -0.48 0.00	21.54 -0.51 0.00	24.68 -0.57 0.00	24.59 -0.66 1.53	22.91 -0.64 0.00	24.89 -0.75 0.00
SITHE_IND_GS4 24172	30.83 -0.96 0.00	27.25 -0.92 0.00	27.96 -0.98 0.00	27.22 -0.98 0.00	24.03 -0.86 0.00	21.21 -0.72 0.00	22.32 -0.81 0.00	23.55 -0.86 0.00	29.99 -1.04 0.00	36.74 -1.28 0.39	25.85 -1.41 17.05	25.82 -1.43 19.73	23.66 -1.44 21.35	24.64 -1.19 12.25	28.12 -0.84 0.41	24.95 -0.64 0.36	25.19 -0.68 0.59	23.99 -0.63 0.46	19.43 -0.48 0.00	21.54 -0.51 0.00	24.68 -0.57 0.00	24.59 -0.66 1.53	22.91 -0.64 0.00	24.89 -0.75 0.00
SITHE___BATAVIA 24024	33.05 1.27 0.00	28.72 0.54 0.00	29.28 0.34 0.00	28.41 0.21 0.00	25.06 0.17 0.00	22.32 0.39 0.00	23.55 0.42 0.00	24.66 0.24 0.00	31.59 0.56 0.00	38.99 0.56 -0.03	45.12 0.81 0.00	48.28 1.30 0.00	47.12 0.67 0.00	38.73 0.61 -0.04	36.19 0.89 -5.93	28.79 1.00 -1.84	28.49 1.04 -0.98	28.18 0.90 -2.20	21.84 0.76 -1.17	23.45 0.91 -0.50	26.62 1.37 0.00	28.41 1.63 0.00	24.84 1.29 0.00	27.00 1.36 0.00
SITHE___INDEPEND 23800	30.83 -0.96 0.00	27.25 -0.92 0.00	27.96 -0.98 0.00	27.21 -0.98 0.00	24.02 -0.86 0.00	21.21 -0.72 0.00	22.32 -0.81 0.00	23.55 -0.86 0.00	29.98 -1.04 0.00	36.74 -1.28 0.39	25.85 -1.40 17.05	25.82 -1.43 19.73	23.66 -1.44 21.35	24.64 -1.19 12.25	28.12 -0.84 0.41	24.95 -0.64 0.36	25.19 -0.69 0.59	23.99 -0.63 0.46	19.43 -0.48 0.00	21.54 -0.51 0.00	24.68 -0.57 0.00	24.59 -0.66 1.53	22.91 -0.64 0.00	24.89 -0.75 0.00
SITHE___MASSENA 23902	31.99 0.20 0.00	28.27 0.09 0.00	29.07 0.13 0.00	28.33 0.13 0.00	25.01 0.12 0.00	22.07 0.13 0.00	23.36 0.23 0.00	24.59 0.17 0.00	31.22 0.20 0.00	38.54 0.14 0.00	44.09 -0.22 0.00	46.82 -0.16 0.00	46.07 -0.37 0.00	37.65 -0.43 0.00	28.87 -0.50 0.00	-0.88 -1.07 25.77	-17.06 -1.11 42.41	-17.39 -1.06 41.42	3.18 -0.81 15.93	21.18 -0.87 0.00	24.40 -0.86 0.00	26.42 -0.35 0.00	23.47 -0.08 0.00	25.53 -0.12 0.00
SITHE___OGDNSBRG 24021	32.53 0.74 0.00	28.68 0.50 0.00	29.49 0.55 0.00	28.75 0.55 0.00	25.39 0.51 0.00	22.43 0.50 0.00	23.80 0.67 0.00	25.04 0.62 0.00	31.72 0.70 0.00	39.17 0.77 0.00	44.75 0.44 0.00	47.54 0.56 0.00	46.67 0.22 0.00	38.06 -0.03 0.00	29.18 -0.19 0.00	1.89 -0.89 23.18	-12.63 -0.94 38.15	-13.16 -0.98 37.26	4.91 -0.67 14.33	21.37 -0.68 0.00	24.69 -0.56 0.00	26.85 0.08 0.00	23.89 0.34 0.00	25.97 0.33 0.00
SITHE___STERLING 23777	32.59 0.80 0.00	28.71 0.54 0.00	29.43 0.49 0.00	28.65 0.46 0.00	25.32 0.43 0.00	22.44 0.50 0.00	23.74 0.60 0.00	25.08 0.66 0.00	32.01 0.99 0.00	39.68 1.26 -0.02	46.62 1.51 -0.81	49.54 1.61 -0.95	49.09 1.62 -1.03	40.04 1.37 -0.59	30.45 1.05 -0.02	26.94 0.97 -0.02	27.47 0.98 -0.03	26.00 0.89 -0.02	20.64 0.72 0.00	22.96 0.91 0.00	26.39 1.14 0.00	27.96 1.11 -0.07	24.37 0.82 0.00	26.43 0.78 0.00
SLEIGHT__34_KV_TB1 80719	32.57 0.78 0.00	28.66 0.48 0.00	29.31 0.38 0.00	28.48 0.29 0.00	25.13 0.25 0.00	22.26 0.33 0.00	23.54 0.41 0.00	24.88 0.47 0.00	31.75 0.73 0.00	39.41 0.95 -0.06	47.28 1.30 -1.68	50.49 1.58 -1.93	50.01 1.48 -2.09	40.50 1.19 -1.23	35.68 1.13 -5.18	28.73 1.15 -1.63	28.57 1.20 -0.91	28.24 1.21 -1.95	21.86 0.94 -1.01	23.39 0.91 -0.43	26.41 1.15 0.00	28.13 1.21 -0.15	24.42 0.87 0.00	26.38 0.74 0.00
SOUTH CAIRO___GT 23612	33.86 2.07 0.00	30.11 1.93 0.00	30.94 2.01 0.00	30.17 1.97 0.00	26.63 1.74 0.00	23.45 1.52 0.00	25.49 1.55 -0.81	26.38 1.69 -0.27	33.17 2.15 0.00	41.46 2.78 -0.27	47.23 2.91 0.00	49.95 2.97 0.00	49.41 2.96 0.00	45.77 2.66 -5.03	97.77 1.95 -66.45	46.94 1.83 -19.15	38.59 1.88 -10.25	50.67 1.83 -23.76	33.54 1.46 -12.17	28.85 1.62 -5.19	27.14 1.88 -0.01	28.47 1.65 -0.04	26.68 1.23 -1.89	27.45 1.30 -0.51
SOUTH HAMPTN___IC 23720	35.42 3.02 -0.61	32.37 3.02 -1.18	31.85 2.91 0.00	31.01 2.81 0.00	27.34 2.45 0.00	24.13 2.19 0.00	30.86 2.23 -5.49	28.56 2.48 -1.66	34.09 3.07 0.00	42.82 4.25 -0.17	49.25 4.94 0.00	51.73 4.75 0.00	51.90 5.45 0.00	69.39 4.70 -26.60	101.36 3.44 -68.55	98.30 3.70 -68.64	153.97 3.81 -123.70	82.41 3.62 -53.70	342.53 2.78 -319.83	66.59 3.05 -41.49	30.77 3.31 -2.21	31.90 3.23 -1.89	62.70 2.83 -36.32	43.57 3.07 -14.86
SOUTHDOW__115KV_TB1 355954	32.85 1.06 0.00	28.71 0.53 0.00	29.13 0.19 0.00	28.10 -0.10 0.00	24.77 -0.11 0.00	21.98 0.05 0.00	23.39 0.26 0.00	24.86 0.44 0.00	32.02 1.00 0.00	39.85 1.42 -0.04	46.34 2.03 0.00	49.17 2.20 0.00	48.19 1.74 0.00	39.34 1.21 -0.04	38.16 1.34 -7.45	29.40 1.08 -2.36	28.81 1.09 -1.27	29.05 1.13 -2.83	22.05 0.63 -1.50	23.42 0.73 -0.64	26.20 0.95 0.00	27.99 1.21 0.00	24.58 1.03 0.00	26.80 1.16 0.00
SOUTHOLD_69_KV_BK 2 55809	36.08 3.68 -0.61	33.01 3.65 -1.18	32.50 3.57 0.00	31.65 3.46 0.00	27.87 2.99 0.00	24.57 2.64 0.00	31.35 2.72 -5.49	29.07 2.99 -1.66	34.80 3.78 0.00	43.76 5.20 -0.17	50.35 6.05 0.00	52.95 5.97 0.00	53.17 6.72 0.00	70.43 5.74 -26.60	101.51 3.59 -68.55	98.68 4.09 -68.64	154.66 4.49 -123.71	83.16 4.38 -53.70	343.11 3.31 -319.89	67.25 3.69 -41.51	31.51 4.04 -2.21	32.62 3.96 -1.89	63.29 3.42 -36.32	44.15 3.65 -14.86
SOUTHOLD___IC 23719	36.07 3.67 -0.61	33.02 3.66 -1.18	32.50 3.56 0.00	31.65 3.46 0.00	27.88 2.99 0.00	24.57 2.64 0.00	31.34 2.72 -5.49	29.07 2.99 -1.66	34.80 3.78 0.00	43.77 5.20 -0.17	50.37 6.06 0.00	52.93 5.95 0.00	53.17 6.72 0.00	70.43 5.74 -26.60	101.51 3.59 -68.55	98.68 4.08 -68.64	154.66 4.49 -123.71	83.16 4.38 -53.70	343.11 3.31 -319.89	67.24 3.69 -41.51	31.51 4.04 -2.21	32.62 3.96 -1.89	63.29 3.42 -36.32	44.15 3.65 -14.86

SPIERFLS_115KV_TB 1 80737	34.63 2.84 0.00	30.71 2.53 0.00	31.51 2.58 0.00	30.69 2.49 0.00	27.10 2.21 0.00	23.89 1.96 0.00	26.32 2.07 -1.12	27.02 2.27 -0.34	33.80 2.77 0.00	42.56 3.67 -0.49	48.27 3.96 0.00	51.10 4.12 0.00	50.71 4.26 -0.01	48.12 3.66 -6.37	150.93 2.64 -118.92	63.31 2.26 -35.10	48.30 2.07 -19.77	75.79 1.87 -48.83	43.85 1.63 -22.30	33.49 1.95 -9.50	27.36 2.09 -0.01	28.76 1.93 -0.06	27.71 1.57 -2.59	27.90 1.56 -0.69
ST LAWRENCE____ 23600	31.51 -0.28 0.00	27.89 -0.29 0.00	28.68 -0.25 0.00	27.95 -0.25 0.00	24.68 -0.21 0.00	21.75 -0.18 0.00	23.01 -0.13 0.00	24.21 -0.21 0.00	30.74 -0.28 0.00	37.91 -0.48 0.00	43.57 -0.74 0.00	46.24 -0.73 0.00	45.54 -0.90 0.00	37.26 -0.82 0.00	28.57 -0.80 0.00	-1.76 -1.07 26.64	-18.49 -1.11 43.84	-18.77 -1.03 42.82	2.65 -0.79 16.47	21.18 -0.87 0.00	24.37 -0.89 0.00	26.11 -0.67 0.00	23.11 -0.44 0.00	25.18 -0.46 0.00
STATE_CA_115KV_115_LB 55624	32.73 0.94 0.00	29.14 0.96 0.00	29.93 0.99 0.00	29.19 1.00 0.00	25.77 0.88 0.00	22.71 0.78 0.00	24.99 0.72 -1.14	25.62 0.85 -0.35	32.05 1.03 0.00	40.18 1.40 -0.38	45.92 1.61 0.00	48.58 1.60 0.00	48.20 1.74 -0.01	46.00 1.47 -6.45	124.01 1.17 -93.46	54.28 1.19 -27.13	43.24 1.23 -15.55	65.75 1.11 -39.55	38.03 0.87 -17.24	30.33 0.94 -7.35	26.31 1.05 -0.01	27.63 0.79 -0.06	26.83 0.60 -2.68	27.03 0.67 -0.72
STATE_ST_34_KV_LOAD 55959	32.21 0.43 0.00	28.58 0.40 0.00	29.36 0.42 0.00	28.53 0.33 0.00	25.18 0.30 0.00	22.11 0.18 0.00	23.32 0.19 0.00	24.64 0.22 0.00	31.39 0.36 0.00	38.90 0.41 -0.08	47.54 0.62 -2.61	50.78 0.79 -3.02	50.33 0.62 -3.26	40.49 0.51 -1.90	35.36 0.55 -5.44	28.35 0.67 -1.72	28.16 0.71 -0.98	27.86 0.71 -2.07	21.56 0.59 -1.06	23.06 0.56 -0.45	25.96 0.71 0.00	27.72 0.71 -0.23	24.02 0.47 0.00	26.02 0.37 0.00
STATION 5_MISC_HYD 23604	32.34 0.55 0.00	28.31 0.13 0.00	28.92 -0.02 0.00	28.08 -0.12 0.00	24.78 -0.11 0.00	21.97 0.03 0.00	23.12 -0.01 0.00	24.29 -0.13 0.00	31.10 0.07 0.00	38.43 0.02 -0.01	43.98 0.19 0.52	46.88 0.52 0.61	46.04 0.25 0.66	37.99 0.26 0.35	35.02 0.46 -5.19	28.17 0.62 -1.60	27.89 0.59 -0.85	27.50 0.49 -1.92	21.31 0.37 -1.03	22.95 0.46 -0.44	25.96 0.71 0.00	27.58 0.85 0.05	24.18 0.62 0.00	26.27 0.63 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.36 0.57 0.00	28.37 0.19 0.00	29.01 0.08 0.00	28.17 -0.03 0.00	24.88 -0.01 0.00	22.06 0.13 0.00	23.27 0.14 0.00	24.52 0.10 0.00	31.36 0.33 0.00	38.83 0.41 -0.03	44.92 0.61 0.00	47.90 0.93 0.00	47.18 0.74 0.00	38.76 0.65 -0.03	35.36 0.77 -5.22	28.43 0.85 -1.62	28.18 0.85 -0.87	27.80 0.77 -1.94	21.58 0.64 -1.03	23.14 0.66 -0.44	26.11 0.86 0.00	27.71 0.94 0.00	24.22 0.67 0.00	26.25 0.61 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.11 0.32 0.00	28.12 -0.05 0.00	28.72 -0.22 0.00	27.90 -0.30 0.00	24.62 -0.27 0.00	21.82 -0.12 0.00	22.98 -0.16 0.00	24.15 -0.27 0.00	30.90 -0.12 0.00	38.25 -0.18 -0.02	44.28 -0.03 0.00	47.24 0.27 0.00	46.49 0.05 0.00	37.93 0.11 0.26	34.89 0.34 -5.17	28.04 0.49 -1.60	27.75 0.45 -0.84	27.35 0.35 -1.91	21.20 0.26 -1.02	22.81 0.33 -0.43	25.79 0.54 0.00	27.39 0.66 0.04	24.00 0.45 0.00	26.06 0.42 0.00
STA_56____34_KV_BUS2 355983	32.11 0.32 0.00	28.12 -0.05 0.00	28.72 -0.22 0.00	27.90 -0.30 0.00	24.62 -0.27 0.00	21.82 -0.12 0.00	22.98 -0.16 0.00	24.15 -0.27 0.00	30.90 -0.12 0.00	38.25 -0.18 -0.02	44.28 -0.03 0.00	47.24 0.27 0.00	46.49 0.05 0.00	37.93 0.11 0.26	34.89 0.34 -5.17	28.04 0.49 -1.60	27.75 0.45 -0.84	27.35 0.35 -1.91	21.20 0.26 -1.02	22.81 0.33 -0.43	25.79 0.54 0.00	27.39 0.66 0.04	24.00 0.45 0.00	26.06 0.42 0.00
STA_67____115KV_BK2 355882	32.26 0.47 0.00	28.23 0.06 0.00	28.85 -0.09 0.00	28.02 -0.18 0.00	24.72 -0.17 0.00	21.92 -0.02 0.00	23.07 -0.06 0.00	24.23 -0.19 0.00	31.00 -0.02 0.00	38.33 -0.09 -0.01	43.84 0.07 0.53	46.70 0.34 0.62	45.88 0.10 0.67	37.85 0.12 0.36	34.90 0.34 -5.19	28.07 0.51 -1.60	27.79 0.48 -0.84	27.40 0.40 -1.92	21.24 0.30 -1.02	22.88 0.39 -0.44	25.89 0.63 0.00	27.50 0.77 0.05	24.12 0.56 0.00	26.20 0.56 0.00
STA_7____115KV_9TRANS 80674	32.51 0.72 0.00	28.45 0.28 0.00	29.06 0.12 0.00	28.21 0.02 0.00	24.90 0.01 0.00	22.07 0.13 0.00	23.24 0.10 0.00	24.41 -0.01 0.00	31.25 0.22 0.00	38.65 0.24 -0.01	44.25 0.46 0.52	47.18 0.82 0.61	46.38 0.59 0.66	38.27 0.54 0.35	35.27 0.71 -5.19	28.38 0.82 -1.60	28.08 0.77 -0.85	27.66 0.66 -1.92	21.44 0.51 -1.03	23.10 0.61 -0.44	26.13 0.88 0.00	27.75 1.03 0.05	24.32 0.77 0.00	26.41 0.76 0.00
STA_82____115KV_TB1 80780	32.28 0.49 0.00	28.26 0.09 0.00	28.86 -0.07 0.00	28.04 -0.15 0.00	24.74 -0.15 0.00	21.93 0.00 0.00	23.08 -0.05 0.00	24.24 -0.18 0.00	31.03 0.00 0.00	38.36 -0.06 -0.03	44.00 0.09 0.40	46.79 0.38 0.57	45.96 0.13 0.61	37.91 0.15 0.33	34.96 0.36 -5.22	28.10 0.53 -1.61	27.82 0.51 -0.85	27.43 0.42 -1.93	21.27 0.32 -1.03	22.90 0.41 -0.44	25.90 0.65 0.00	27.52 0.79 0.04	24.13 0.57 0.00	26.22 0.57 0.00
STEEL____WIND 323596	32.55 0.76 0.00	28.31 0.14 0.00	28.88 -0.06 0.00	27.97 -0.23 0.00	24.66 -0.22 0.00	21.92 -0.01 0.00	23.07 -0.06 0.00	24.17 -0.25 0.00	31.11 0.08 0.00	38.36 -0.07 -0.03	44.34 0.03 0.00	47.26 0.28 0.00	46.24 -0.20 0.00	37.78 -0.35 -0.04	36.40 0.06 -6.97	28.47 0.36 -2.16	28.01 0.39 -1.16	28.10 0.43 -2.59	21.57 0.28 -1.37	23.08 0.44 -0.59	26.06 0.81 0.00	27.85 1.08 0.00	24.42 0.86 0.00	26.56 0.91 0.00
STEPHTWN_115KV_BK_2 55603	32.74 0.95 0.00	29.10 0.93 0.00	29.95 1.01 0.00	29.15 0.95 0.00	25.70 0.81 0.00	22.70 0.77 0.00	25.04 0.76 -1.14	25.70 0.92 -0.36	32.04 1.02 0.00	40.29 1.56 -0.34	45.98 1.67 0.00	48.69 1.71 0.00	48.36 1.91 0.00	46.02 1.49 -6.45	113.29 1.22 -82.69	50.98 1.25 -23.77	41.50 1.28 -13.76	61.93 1.24 -35.60	35.91 0.90 -15.11	29.50 1.01 -6.44	26.37 1.11 -0.01	27.74 0.90 -0.06	26.85 0.60 -2.70	27.12 0.76 -0.72
STEBEN_REC_LFGE 323667	32.56 0.77 0.00	28.49 0.31 0.00	29.18 0.24 0.00	28.14 -0.06 0.00	24.74 -0.15 0.00	21.90 -0.03 0.00	22.80 -0.33 0.00	24.14 -0.28 0.00	31.27 0.24 0.00	38.59 0.14 -0.06	45.04 0.12 -0.62	48.52 0.83 -0.71	47.89 0.68 -0.77	38.50 -0.07 -0.49	38.27 -0.10 -8.99	29.02 0.27 -2.80	28.35 0.38 -1.51	29.19 0.76 -3.35	22.33 0.65 -1.77	23.63 0.83 -0.75	26.30 1.05 0.00	28.23 1.40 -0.05	24.56 1.01 0.00	26.60 0.96 0.00
STONY____BROOK 24151	34.88 2.48 -0.61	31.77 2.41 -1.18	31.24 2.31 0.00	30.42 2.23 0.00	26.83 1.95 0.00	23.68 1.75 0.00	30.36 1.73 -5.49	28.04 1.96 -1.66	33.49 2.46 0.00	41.90 3.34 -0.17	48.22 3.92 0.00	50.69 3.71 0.00	50.80 4.35 0.00	68.61 3.92 -26.60	101.07 3.15 -68.55	97.80 3.20 -68.64	159.01 3.26 -129.29	81.83 3.05 -53.70	379.32 2.42 -356.99	75.81 2.62 -51.15	30.74 2.79 -2.70	31.43 2.70 -1.95	64.72 2.32 -38.84	43.06 2.56 -14.86

STURGEON_POOL_HYD 23609	32.84 1.05 0.00	29.16 0.99 0.00	29.87 0.94 0.00	29.16 0.97 0.00	25.72 0.84 0.00	22.71 0.78 0.00	23.92 0.79 0.00	25.47 1.05 0.00	32.27 1.24 0.00	40.30 1.71 -0.19	46.51 2.20 0.00	49.18 2.20 0.00	48.95 2.51 0.00	40.46 2.14 -0.24	72.74 1.93 -41.44	40.83 2.02 -12.85	35.46 2.12 -6.88	43.03 2.02 -15.92	29.56 1.48 -8.17	27.05 1.53 -3.48	26.81 1.56 0.00	28.14 1.36 0.00	24.65 1.10 0.00	26.88 1.24 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.77 0.99 0.00	29.06 0.89 0.00	29.76 0.83 0.00	29.05 0.85 0.00	25.63 0.74 0.00	22.67 0.73 0.00	17.63 0.74 6.25	23.47 0.96 1.90	32.16 1.14 0.00	40.16 1.60 -0.16	46.30 1.99 0.00	49.00 2.02 0.00	48.75 2.30 0.00	13.97 1.92 26.03	37.78 1.68 -6.73	37.99 1.81 -10.22	29.41 1.94 -1.01	19.16 1.80 7.72	27.76 1.35 -6.49	26.23 1.41 -2.77	26.65 1.44 0.04	27.82 1.24 0.19	16.02 1.00 8.54	24.44 1.08 2.28
SWANROAD_115KV_TB1 355699	31.78 -0.01 0.00	27.61 -0.56 0.00	28.17 -0.77 0.00	27.32 -0.87 0.00	24.09 -0.80 0.00	21.43 -0.50 0.00	22.53 -0.61 0.00	23.46 -0.96 0.00	30.10 -0.92 0.00	37.13 -1.30 -0.03	42.83 -1.47 0.00	45.68 -1.29 0.00	44.70 -1.75 0.00	36.64 -1.48 -0.04	34.97 -0.83 -6.42	27.46 -0.49 -1.99	27.07 -0.46 -1.07	27.05 -0.42 -2.39	20.85 -0.33 -1.27	22.40 -0.19 -0.54	25.38 0.13 0.00	27.15 0.38 0.00	23.80 0.25 0.00	25.98 0.34 0.00
SYNERGY___BIOGAS 323694	33.05 1.27 0.00	28.72 0.54 0.00	29.28 0.34 0.00	28.41 0.21 0.00	25.06 0.17 0.00	22.32 0.39 0.00	23.55 0.42 0.00	24.66 0.24 0.00	31.59 0.56 0.00	38.99 0.56 -0.03	45.12 0.81 0.00	48.28 1.30 0.00	47.12 0.67 0.00	38.73 0.61 -0.04	36.19 0.89 -5.93	28.79 1.00 -1.84	28.49 1.04 -0.98	28.18 0.90 -2.20	21.84 0.76 -1.17	23.45 0.91 -0.50	26.62 1.37 0.00	28.41 1.63 0.00	24.84 1.29 0.00	27.00 1.36 0.00
SYRACUSE___ENERGY_ST1 323597	31.75 -0.04 0.00	28.07 -0.10 0.00	28.78 -0.16 0.00	28.00 -0.20 0.00	24.72 -0.17 0.00	21.81 -0.13 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.89 -0.14 0.00	38.32 -0.16 -0.09	47.18 -0.07 -2.94	50.38 0.02 -3.39	50.12 0.00 -3.67	40.20 -0.01 -2.13	33.85 0.11 -4.37	27.58 0.23 -1.40	27.50 0.22 -0.81	27.00 0.24 -1.68	20.98 0.21 -0.85	22.65 0.25 -0.36	25.53 0.28 0.00	27.25 0.21 -0.26	23.62 0.07 0.00	25.62 -0.02 0.00
SYRACUSE___ENERGY_ST2 323598	31.75 -0.04 0.00	28.07 -0.10 0.00	28.78 -0.16 0.00	28.00 -0.20 0.00	24.72 -0.17 0.00	21.81 -0.13 0.00	22.94 -0.19 0.00	24.24 -0.18 0.00	30.89 -0.14 0.00	38.32 -0.16 -0.09	47.18 -0.07 -2.94	50.38 0.02 -3.39	50.12 0.00 -3.67	40.20 -0.01 -2.13	33.85 0.11 -4.37	27.58 0.23 -1.40	27.50 0.22 -0.81	27.00 0.24 -1.68	20.98 0.21 -0.85	22.65 0.25 -0.36	25.53 0.28 0.00	27.25 0.21 -0.26	23.62 0.07 0.00	25.62 -0.02 0.00
SYRACUSE___POWER 24017	31.72 -0.07 0.00	28.01 -0.17 0.00	28.72 -0.22 0.00	27.94 -0.25 0.00	24.67 -0.22 0.00	21.78 -0.15 0.00	22.92 -0.22 0.00	24.21 -0.21 0.00	30.86 -0.17 0.00	38.26 -0.20 -0.06	46.02 -0.11 -1.82	49.04 -0.05 -2.11	48.72 -0.01 -2.28	39.37 -0.05 -1.33	33.96 0.09 -4.50	27.58 0.20 -1.42	27.45 0.19 -0.80	26.99 0.21 -1.70	20.99 0.20 -0.88	22.68 0.26 -0.38	25.54 0.29 0.00	27.17 0.23 -0.16	23.64 0.08 0.00	25.64 -0.01 0.00
TALLMAN___138KV_BK151 55660	32.82 1.03 0.00	29.13 0.95 0.00	29.82 0.88 0.00	29.11 0.91 0.00	25.68 0.80 0.00	22.71 0.77 0.00	15.93 0.78 7.99	23.02 1.03 2.43	32.24 1.21 0.00	40.27 1.71 -0.16	46.43 2.12 0.00	49.12 2.14 0.00	48.90 2.46 0.00	6.21 2.07 33.94	31.19 1.84 0.02	38.53 1.99 -10.58	28.63 2.12 -0.05	10.71 1.95 16.32	28.11 1.47 -6.72	26.45 1.54 -2.87	26.76 1.55 0.04	27.87 1.32 0.23	14.61 1.08 10.02	24.14 1.17 2.68
TEALLAVE_115KV_TB7 355573	31.54 -0.25 0.00	27.85 -0.33 0.00	28.55 -0.39 0.00	27.78 -0.41 0.00	24.53 -0.36 0.00	21.66 -0.27 0.00	22.78 -0.35 0.00	24.06 -0.36 0.00	30.65 -0.37 0.00	38.01 -0.43 -0.05	45.35 -0.39 -1.43	48.30 -0.34 -1.66	47.92 -0.32 -1.80	38.85 -0.28 -1.05	33.03 -0.10 -3.76	27.18 0.04 -1.19	27.15 0.02 -0.67	26.54 0.03 -1.42	20.72 0.07 -0.73	22.49 0.13 -0.31	25.38 0.13 0.00	26.96 0.06 -0.13	23.50 -0.05 0.00	25.50 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	32.47 0.68 0.00	28.23 0.05 0.00	28.78 -0.16 0.00	27.92 -0.28 0.00	24.62 -0.27 0.00	21.90 -0.03 0.00	23.06 -0.08 0.00	24.08 -0.34 0.00	30.90 -0.13 0.00	38.13 -0.30 -0.03	44.07 -0.24 0.00	47.01 0.03 0.00	46.01 -0.44 0.00	37.74 -0.38 -0.04	35.57 0.06 -6.14	28.13 0.28 -1.90	27.78 0.30 -1.02	27.64 0.27 -2.28	21.35 0.23 -1.21	22.95 0.39 -0.52	26.03 0.78 0.00	27.79 1.02 0.00	24.36 0.81 0.00	26.53 0.88 0.00
TEMPLE___115KV_TB 2 55572	31.56 -0.23 0.00	27.87 -0.31 0.00	28.57 -0.37 0.00	27.80 -0.39 0.00	24.55 -0.34 0.00	21.68 -0.25 0.00	22.80 -0.33 0.00	24.07 -0.35 0.00	30.68 -0.35 0.00	38.03 -0.41 -0.05	45.39 -0.35 -1.43	48.33 -0.30 -1.66	47.96 -0.27 -1.79	38.88 -0.25 -1.05	33.12 -0.07 -3.81	27.23 0.07 -1.20	27.18 0.05 -0.68	26.59 0.07 -1.44	20.75 0.10 -0.74	22.51 0.15 -0.32	25.40 0.15 0.00	26.98 0.08 -0.13	23.52 -0.04 0.00	25.52 -0.12 0.00
TIANA___69_KV_BK 1 55817	35.27 2.87 -0.61	32.22 2.87 -1.18	31.68 2.74 0.00	30.86 2.66 0.00	27.20 2.32 0.00	24.02 2.08 0.00	30.75 2.12 -5.49	28.43 2.35 -1.66	33.94 2.91 0.00	42.59 4.02 -0.17	48.95 4.64 0.00	51.43 4.46 0.00	51.58 5.13 0.00	69.14 4.46 -26.60	101.22 3.30 -68.55	98.14 3.55 -68.64	153.82 3.66 -123.70	82.25 3.46 -53.70	342.45 2.65 -319.88	66.47 2.92 -41.50	30.62 3.15 -2.21	31.75 3.09 -1.89	62.59 2.71 -36.32	43.44 2.94 -14.86
TILDEN___115KV_TB1 80814	31.72 -0.07 0.00	28.01 -0.17 0.00	28.72 -0.22 0.00	27.94 -0.25 0.00	24.67 -0.22 0.00	21.78 -0.15 0.00	22.92 -0.22 0.00	24.21 -0.21 0.00	30.86 -0.17 0.00	38.26 -0.20 -0.06	46.02 -0.11 -1.82	49.04 -0.05 -2.11	48.72 -0.01 -2.28	39.37 -0.05 -1.33	33.96 0.09 -4.50	27.58 0.20 -1.42	27.45 0.19 -0.80	26.99 0.21 -1.70	20.99 0.20 -0.88	22.68 0.26 -0.38	25.54 0.29 0.00	27.17 0.23 -0.16	23.64 0.08 0.00	25.64 -0.01 0.00
TRIGEN___CC 323695	34.18 1.78 -0.61	31.01 1.66 -1.18	30.49 1.55 0.00	29.73 1.53 0.00	26.22 1.33 0.00	23.20 1.26 0.00	29.88 1.25 -5.49	27.58 1.50 -1.66	32.87 1.85 0.00	41.05 2.48 -0.17	47.29 2.98 0.00	49.91 2.93 0.00	49.79 3.34 0.00	67.65 2.96 -26.60	100.36 2.45 -68.53	97.15 2.56 -68.63	132.62 2.65 -103.51	81.23 2.44 -53.70	207.40 1.86 -185.62	30.66 2.02 -6.59	27.78 2.11 -0.42	30.36 1.94 -1.65	52.36 1.60 -27.20	42.32 1.82 -14.86
TRINITY___115KV___ 4 BK 55933	32.56 0.77 0.00	29.01 0.84 0.00	29.80 0.86 0.00	29.08 0.88 0.00	25.66 0.77 0.00	22.61 0.67 0.00	24.88 0.61 -1.15	25.48 0.71 -0.36	31.87 0.84 0.00	39.91 1.17 -0.34	45.63 1.32 0.00	48.27 1.29 0.00	47.88 1.42 -0.01	45.76 1.22 -6.46	114.82 0.97 -84.47	51.28 1.00 -24.33	41.56 1.05 -14.06	62.29 0.94 -36.26	36.12 0.75 -15.46	29.44 0.81 -6.58	26.16 0.90 -0.01	27.49 0.65 -0.06	26.74 0.48 -2.70	26.91 0.54 -0.72

UNION___PROCESSING_DRP 323587	32.29 0.51 0.00	28.27 0.09 0.00	28.88 -0.06 0.00	28.05 -0.15 0.00	24.75 -0.14 0.00	21.94 0.00 0.00	23.10 -0.04 0.00	24.26 -0.16 0.00	31.03 0.01 0.00	38.37 -0.05 -0.03	44.42 0.11 0.00	47.38 0.40 0.00	46.59 0.15 0.00	38.02 0.16 0.23	34.98 0.38 -5.23	28.11 0.54 -1.61	27.84 0.52 -0.85	27.45 0.43 -1.93	21.28 0.33 -1.03	22.90 0.42 -0.44	25.92 0.67 0.00	27.54 0.81 0.04	24.14 0.59 0.00	26.23 0.58 0.00
UPPER HUDSON___HYD 24058	34.63 2.84 0.00	30.71 2.53 0.00	31.51 2.58 0.00	30.69 2.49 0.00	27.10 2.21 0.00	23.89 1.96 0.00	26.32 2.07 -1.12	27.02 2.27 -0.34	33.80 2.77 0.00	42.56 3.67 -0.49	48.27 3.96 0.00	51.10 4.12 0.00	50.71 4.25 -0.01	48.12 3.66 -6.37	150.93 2.64 -118.92	63.31 2.26 -35.10	48.30 2.07 -19.77	75.79 1.87 -48.83	43.85 1.63 -22.30	33.49 1.94 -9.50	27.36 2.09 -0.01	28.76 1.93 -0.06	27.71 1.57 -2.59	27.90 1.56 -0.69
UPPER RAQUET___HYD 24056	32.06 0.28 0.00	28.28 0.10 0.00	29.05 0.11 0.00	28.32 0.13 0.00	25.02 0.13 0.00	22.08 0.15 0.00	23.41 0.28 0.00	24.63 0.21 0.00	31.32 0.29 0.00	38.65 0.25 0.00	44.49 -0.31 -0.49	47.39 -0.28 -0.69	46.62 -0.57 -0.74	37.70 -0.81 -0.43	28.60 -0.79 -0.01	2.97 -1.45 21.53	-10.56 -1.60 35.43	-11.15 -1.63 34.61	5.38 -1.22 13.31	20.77 -1.27 0.00	24.01 -1.25 0.00	26.27 -0.56 -0.05	23.43 -0.12 0.00	25.52 -0.13 0.00
VALLEY44_115KV_TB2 355964	32.28 0.49 0.00	28.23 0.06 0.00	28.82 -0.11 0.00	27.92 -0.28 0.00	24.61 -0.28 0.00	21.85 -0.09 0.00	23.09 -0.04 0.00	24.36 -0.06 0.00	31.37 0.34 0.00	38.76 0.32 -0.04	44.58 0.27 0.00	47.18 0.20 0.00	46.13 -0.32 0.00	37.57 -0.56 -0.05	37.07 -0.04 -7.73	28.68 0.33 -2.40	28.09 0.34 -1.28	28.38 0.43 -2.87	21.64 0.20 -1.52	22.96 0.26 -0.65	25.78 0.52 0.00	27.49 0.72 0.00	24.15 0.60 0.00	26.32 0.67 0.00
VALLEY___115KV_TB 1-4 80826	31.95 0.17 0.00	28.23 0.05 0.00	28.96 0.02 0.00	28.26 0.06 0.00	24.95 0.06 0.00	22.09 0.16 0.00	23.28 0.15 0.00	24.67 0.25 0.00	31.30 0.27 0.00	38.96 0.57 0.00	44.92 0.61 0.00	47.57 0.59 0.00	47.09 0.65 0.00	38.62 0.53 0.00	29.62 0.25 0.00	28.33 0.74 -1.64	29.85 0.69 -2.69	28.29 0.57 -2.63	21.21 0.28 -1.01	22.31 0.26 0.00	25.55 0.30 0.00	27.09 0.31 0.00	23.66 0.10 0.00	25.63 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.77 0.99 0.00	29.17 0.99 0.00	30.00 1.07 0.00	29.23 1.04 0.00	25.80 0.91 0.00	22.60 0.67 0.00	23.81 0.68 0.00	25.25 0.84 0.00	32.14 1.12 0.00	40.01 1.48 -0.14	46.63 1.76 -0.56	49.44 1.82 -0.65	49.03 1.88 -0.70	40.17 1.54 -0.54	57.71 1.33 -27.01	35.69 1.35 -8.38	32.32 1.36 -4.50	36.44 1.32 -10.04	26.25 1.02 -5.32	25.43 1.12 -2.27	26.46 1.21 0.00	27.99 1.17 -0.05	24.49 0.94 0.00	26.61 0.97 0.00
VISCHER___FERRY HYD 24020	33.27 1.48 0.00	29.62 1.44 0.00	30.41 1.47 0.00	29.67 1.47 0.00	26.17 1.29 0.00	23.06 1.12 0.00	25.43 1.10 -1.21	25.99 1.21 -0.36	32.50 1.48 0.00	40.81 1.97 -0.44	46.53 2.22 0.00	49.23 2.26 0.00	48.82 2.37 -0.01	46.76 2.03 -6.65	136.85 1.61 -105.87	58.43 1.54 -30.94	45.66 1.59 -17.61	70.83 1.48 -44.26	40.77 1.20 -19.66	31.77 1.34 -8.38	26.73 1.47 -0.01	28.14 1.30 -0.06	27.38 1.05 -2.78	27.52 1.14 -0.74
V_A_10_SYNC_DSASP 323832	31.94 0.15 0.00	27.88 -0.30 0.00	28.45 -0.48 0.00	27.61 -0.58 0.00	24.36 -0.53 0.00	21.63 -0.31 0.00	22.76 -0.38 0.00	23.81 -0.61 0.00	30.52 -0.50 0.00	37.67 -0.74 -0.02	43.00 -0.76 0.55	45.71 -0.63 0.64	44.74 -1.01 0.69	36.84 -0.88 0.37	34.72 -0.42 -5.78	27.65 -0.09 -1.78	27.32 -0.08 -0.94	27.14 -0.07 -2.13	20.96 -0.09 -1.14	22.54 0.01 -0.49	25.52 0.27 0.00	27.21 0.48 0.05	23.90 0.35 0.00	26.05 0.40 0.00
V_CMM_10_SYNC_DSASP 323787	31.63 -0.15 0.00	27.98 -0.19 0.00	28.78 -0.16 0.00	28.04 -0.15 0.00	24.76 -0.13 0.00	21.84 -0.10 0.00	23.11 -0.03 0.00	24.31 -0.11 0.00	30.87 -0.15 0.00	38.07 -0.33 0.00	43.76 -0.55 0.00	46.45 -0.53 0.00	45.73 -0.71 0.00	37.42 -0.66 0.00	28.70 -0.68 0.00	-1.65 -0.96 26.64	-18.37 -0.99 43.84	-18.66 -0.92 42.82	2.74 -0.71 16.47	21.27 -0.77 0.00	24.48 -0.78 0.00	26.22 -0.56 0.00	23.20 -0.35 0.00	25.28 -0.37 0.00
V_CMP_10_SYNC_DSASP 323788	32.20 0.41 0.00	28.40 0.23 0.00	29.16 0.22 0.00	28.36 0.16 0.00	24.99 0.10 0.00	21.88 -0.06 0.00	23.05 -0.08 0.00	24.38 -0.04 0.00	31.04 0.02 0.00	37.90 -0.49 0.00	43.33 -0.98 0.00	46.17 -0.80 0.00	45.69 -0.75 0.00	37.31 -0.77 0.00	28.74 -0.63 0.00	-1.21 -0.86 26.30	-17.42 -0.61 43.28	-17.80 -0.62 42.27	3.09 -0.57 16.26	21.47 -0.58 0.00	25.22 -0.03 0.00	27.09 0.31 0.00	23.52 -0.04 0.00	25.30 -0.35 0.00
V_E_10_SYNC_DSASP 323830	34.04 2.25 0.00	29.83 1.66 0.00	30.65 1.72 0.00	29.82 1.63 0.00	26.35 1.46 0.00	23.33 1.39 0.00	24.69 1.55 0.00	26.21 1.79 0.00	33.65 2.62 0.00	41.62 3.13 -0.10	49.04 3.58 -1.16	52.31 4.00 -1.34	51.93 4.04 -1.45	41.89 2.89 -0.91	47.26 2.45 -15.44	32.91 2.15 -4.80	31.08 2.03 -2.60	32.89 2.06 -5.75	24.52 1.57 -3.04	25.29 1.94 -1.29	27.94 2.69 0.00	29.69 2.81 -0.10	25.77 2.22 0.00	27.75 2.11 0.00
V_F_30_NSYNC___DSASP 323816	34.00 2.21 0.00	30.20 2.02 0.00	31.00 2.06 0.00	30.20 2.00 0.00	26.66 1.76 0.00	23.50 1.56 0.00	25.87 1.61 -1.13	26.53 1.77 -0.34	33.21 2.19 0.00	41.79 2.90 -0.49	47.55 3.24 0.00	50.37 3.40 0.00	49.92 3.47 -0.01	47.47 2.97 -6.42	149.04 2.31 -117.36	62.67 2.12 -34.59	48.09 2.12 -19.51	75.36 1.98 -48.29	43.51 1.61 -21.98	33.22 1.81 -9.37	27.24 1.98 -0.01	28.67 1.84 -0.06	27.67 1.50 -2.61	27.92 1.58 -0.70
V_F_30_SYNC_DSASP 323786	32.73 0.94 0.00	29.14 0.96 0.00	29.92 0.99 0.00	29.19 1.00 0.00	25.76 0.88 0.00	22.71 0.78 0.00	24.99 0.72 -1.14	25.62 0.84 -0.35	32.05 1.03 0.00	40.17 1.39 -0.38	45.91 1.60 0.00	48.58 1.60 0.00	48.19 1.74 -0.01	46.00 1.47 -6.45	123.28 1.17 -92.74	54.05 1.18 -26.91	43.12 1.23 -15.43	65.49 1.11 -39.29	37.89 0.87 -17.10	30.27 0.94 -7.29	26.31 1.05 -0.01	27.63 0.79 -0.06	26.83 0.60 -2.68	27.03 0.67 -0.72
V_XM_10_SYNC_DSASP 323789	32.20 0.41 0.00	28.40 0.23 0.00	29.16 0.22 0.00	28.36 0.16 0.00	24.99 0.10 0.00	21.88 -0.06 0.00	23.05 -0.08 0.00	24.38 -0.04 0.00	31.04 0.02 0.00	37.90 -0.49 0.00	43.33 -0.98 0.00	46.17 -0.80 0.00	45.69 -0.75 0.00	37.31 -0.77 0.00	28.74 -0.63 0.00	-1.21 -0.86 26.30	-17.42 -0.61 43.28	-17.80 -0.62 42.27	3.09 -0.57 16.26	21.47 -0.58 0.00	25.22 -0.03 0.00	27.09 0.31 0.00	23.52 -0.04 0.00	25.30 -0.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.96 1.17 0.00	29.26 1.08 0.00	29.94 1.01 0.00	29.22 1.03 0.00	25.78 0.90 0.00	22.81 0.87 0.00	15.57 0.90 8.46	22.99 1.14 2.57	32.40 1.38 0.00	40.48 1.92 -0.16	46.66 2.35 0.00	49.39 2.42 0.00	49.17 2.72 0.00	4.28 2.29 36.09	29.47 2.01 1.92	38.76 2.14 -10.66	28.76 2.28 -0.02	9.86 2.09 17.31	28.27 1.58 -6.77	26.59 1.65 -2.89	26.89 1.69 0.05	28.00 1.46 0.23	14.34 1.19 10.41	24.15 1.28 2.78

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.12 1.33 0.00	29.40 1.22 0.00	30.08 1.15 0.00	29.36 1.16 0.00	25.92 1.03 0.00	22.93 0.99 0.00	29.73 1.05 -5.55	27.44 1.34 -1.68	32.63 1.61 0.00	40.76 2.20 -0.17	47.01 2.70 0.00	49.66 2.69 0.00	49.50 3.05 0.00	67.27 2.55 -26.63	94.01 2.25 -62.39	39.47 2.36 -11.15	39.08 2.47 -10.14	68.28 2.26 -40.93	30.75 1.67 -9.17	26.93 1.75 -3.14	27.10 1.80 -0.04	28.62 1.59 -0.26	34.83 1.33 -9.94	30.03 1.45 -2.93
W50THST__13_KV_LOAD 356117	33.33 1.55 0.00	29.58 1.40 0.00	30.26 1.33 0.00	29.54 1.34 0.00	26.07 1.18 0.00	23.08 1.15 0.00	29.91 1.24 -5.55	27.64 1.55 -1.68	32.91 1.89 0.00	41.12 2.56 -0.17	47.41 3.10 0.00	50.09 3.11 0.00	49.93 3.48 0.00	67.61 2.89 -26.63	94.30 2.54 -62.39	39.72 2.62 -11.15	39.32 2.72 -10.14	68.50 2.48 -40.93	30.91 1.83 -9.17	27.10 1.92 -3.14	27.28 1.98 -0.04	28.79 1.76 -0.26	34.97 1.47 -9.94	30.17 1.60 -2.93
WADING RIVER_IC_1 23522	34.90 2.50 -0.61	31.96 2.60 -1.18	31.42 2.48 0.00	30.60 2.40 0.00	26.98 2.10 0.00	23.81 1.88 0.00	30.52 1.89 -5.49	28.18 2.10 -1.66	33.54 2.51 0.00	42.08 3.52 -0.17	48.36 4.05 0.00	50.70 3.72 0.00	50.86 4.41 0.00	68.51 3.82 -26.60	100.72 2.80 -68.55	97.69 3.10 -68.64	153.31 3.19 -123.66	81.79 3.00 -53.70	341.79 2.30 -319.58	66.01 2.54 -41.42	30.20 2.74 -2.21	31.35 2.69 -1.89	62.28 2.42 -36.30	43.15 2.65 -14.86
WADING RIVER_IC_2 23547	34.90 2.50 -0.61	31.96 2.60 -1.18	31.42 2.48 0.00	30.60 2.40 0.00	26.98 2.10 0.00	23.81 1.88 0.00	30.52 1.89 -5.49	28.18 2.10 -1.66	33.54 2.51 0.00	42.08 3.52 -0.17	48.36 4.05 0.00	50.70 3.72 0.00	50.86 4.41 0.00	68.51 3.82 -26.60	100.72 2.80 -68.55	97.69 3.10 -68.64	153.31 3.19 -123.66	81.79 3.00 -53.70	341.79 2.30 -319.58	66.01 2.54 -41.42	30.20 2.74 -2.21	31.35 2.69 -1.89	62.28 2.42 -36.30	43.15 2.65 -14.86
WADING RIVER_IC_3 23601	34.90 2.50 -0.61	31.96 2.60 -1.18	31.42 2.48 0.00	30.60 2.40 0.00	26.98 2.10 0.00	23.81 1.88 0.00	30.52 1.89 -5.49	28.18 2.10 -1.66	33.54 2.51 0.00	42.08 3.52 -0.17	48.36 4.05 0.00	50.70 3.72 0.00	50.86 4.41 0.00	68.51 3.82 -26.60	100.72 2.80 -68.55	97.69 3.10 -68.64	153.31 3.19 -123.66	81.79 3.00 -53.70	341.79 2.30 -319.58	66.01 2.54 -41.42	30.20 2.74 -2.21	31.35 2.69 -1.89	62.28 2.42 -36.30	43.15 2.65 -14.86
WALDENNY_12_KV_BK2 80841	32.59 0.80 0.00	28.33 0.16 0.00	28.89 -0.05 0.00	27.99 -0.21 0.00	24.68 -0.21 0.00	21.94 0.01 0.00	23.09 -0.04 0.00	24.18 -0.24 0.00	31.13 0.11 0.00	38.46 0.03 -0.03	44.45 0.14 0.00	47.33 0.35 0.00	46.36 -0.08 0.00	37.91 -0.21 -0.04	36.40 0.11 -6.91	28.49 0.39 -2.14	28.03 0.42 -1.15	28.11 0.47 -2.57	21.59 0.31 -1.36	23.10 0.48 -0.58	26.10 0.85 0.00	27.89 1.11 0.00	24.45 0.89 0.00	26.59 0.94 0.00
WALDEN__HYDRO 24148	33.10 1.31 0.00	29.38 1.20 0.00	30.08 1.15 0.00	29.35 1.15 0.00	25.90 1.01 0.00	22.87 0.93 0.00	22.74 0.98 1.36	25.75 1.34 0.00	32.63 1.60 0.00	40.62 2.06 -0.16	46.71 2.40 0.00	49.48 2.50 0.00	49.17 2.72 0.00	36.08 2.27 4.27	61.92 1.97 -30.58	38.84 2.01 -10.87	34.46 2.19 -5.81	39.71 2.08 -12.55	28.40 1.58 -6.91	26.66 1.67 -2.94	27.00 1.76 0.01	28.31 1.57 0.04	23.15 1.27 1.68	26.55 1.35 0.45
WARRENSBURG____ 23737	34.63 2.84 0.00	30.71 2.53 0.00	31.51 2.58 0.00	30.69 2.49 0.00	27.10 2.21 0.00	23.89 1.96 0.00	26.32 2.07 -1.12	27.02 2.27 -0.34	33.80 2.77 0.00	42.56 3.67 -0.49	48.27 3.96 0.00	51.10 4.12 0.00	50.71 4.25 -0.01	48.12 3.66 -6.37	150.93 2.64 -118.92	63.31 2.26 -35.10	48.30 2.07 -19.77	75.79 1.87 -48.83	43.85 1.63 -22.30	33.49 1.94 -9.50	27.36 2.09 -0.01	28.76 1.93 -0.06	27.71 1.57 -2.59	27.90 1.56 -0.69
WATERSIDE____6 8 9 23538	33.04 1.25 0.00	29.34 1.17 0.00	30.00 1.07 0.00	29.28 1.09 0.00	25.85 0.96 0.00	22.88 0.95 0.00	29.67 0.99 -5.54	27.39 1.29 -1.68	32.59 1.56 0.00	40.70 2.14 -0.17	46.91 2.60 0.00	49.60 2.62 0.00	49.43 2.98 0.00	67.22 2.52 -26.62	93.97 2.22 -62.37	39.44 2.34 -11.15	39.04 2.44 -10.14	68.23 2.20 -40.95	30.89 1.66 -9.31	26.95 1.76 -3.14	27.09 1.79 -0.04	28.61 1.57 -0.26	34.86 1.33 -9.97	30.06 1.46 -2.96
WATKINRD_115KV_LN8_ILLION 55919	31.90 0.12 0.00	28.26 0.09 0.00	29.02 0.08 0.00	28.29 0.10 0.00	24.97 0.08 0.00	22.06 0.13 0.00	23.28 0.15 0.00	24.63 0.21 0.00	31.26 0.23 0.00	38.83 0.43 0.00	44.82 0.51 0.00	47.45 0.48 0.00	47.00 0.56 0.00	38.57 0.48 0.00	29.71 0.33 0.00	28.17 0.58 -1.64	29.71 0.55 -2.69	28.22 0.51 -2.63	21.24 0.31 -1.01	22.37 0.33 0.00	25.63 0.38 0.00	27.08 0.30 0.00	23.68 0.13 0.00	25.72 0.07 0.00
WATSON____69_KV_BK 1 55734	35.13 2.73 -0.61	31.88 2.52 -1.18	31.33 2.40 0.00	30.52 2.32 0.00	26.91 2.02 0.00	23.82 1.88 0.00	30.53 1.90 -5.49	28.24 2.16 -1.66	33.78 2.75 0.00	42.20 3.64 -0.17	48.60 4.29 0.00	51.12 4.15 0.00	51.10 4.66 0.00	68.92 4.23 -26.60	101.28 3.37 -68.54	98.06 3.47 -68.64	143.59 3.53 -113.60	82.05 3.27 -53.70	275.18 2.57 -252.70	48.87 2.78 -24.03	29.56 2.99 -1.32	31.48 2.94 -1.77	57.81 2.50 -31.76	43.26 2.77 -14.86
WDELAWARE__HYD 323627	32.20 0.41 0.00	28.68 0.51 0.00	29.39 0.46 0.00	28.67 0.47 0.00	25.30 0.41 0.00	22.23 0.29 0.00	22.22 0.29 1.20	24.66 0.55 0.31	31.65 0.62 0.00	39.55 1.00 -0.16	45.96 1.65 0.00	48.74 1.77 0.00	48.52 2.07 0.00	36.60 1.75 3.23	60.80 1.57 -29.86	37.94 1.66 -10.33	33.74 1.75 -5.52	38.74 1.71 -11.94	27.74 1.27 -6.56	26.14 1.30 -2.80	26.54 1.30 0.01	27.84 1.11 0.04	22.76 0.86 1.66	26.08 0.88 0.44
WEST BABYLON__IC 23714	34.96 2.55 -0.61	31.70 2.34 -1.18	31.18 2.25 0.00	30.37 2.17 0.00	26.78 1.89 0.00	23.71 1.77 0.00	30.40 1.77 -5.49	28.12 2.04 -1.66	33.60 2.58 0.00	41.98 3.42 -0.17	48.33 4.02 0.00	50.88 3.91 0.00	50.76 4.31 0.00	68.60 3.91 -26.60	101.04 3.13 -68.54	97.82 3.24 -68.63	135.70 3.30 -105.94	81.83 3.05 -53.70	224.06 2.38 -201.77	35.43 2.60 -10.79	28.68 2.79 -0.64	31.21 2.76 -1.68	54.18 2.32 -28.30	43.09 2.59 -14.86
WEST CANADA__HYD 24049	31.81 0.02 0.00	28.19 0.01 0.00	28.96 0.02 0.00	28.22 0.03 0.00	24.91 0.03 0.00	21.96 0.02 0.00	23.23 0.10 0.00	24.54 0.13 0.00	31.18 0.16 0.00	38.64 0.25 0.00	44.61 0.30 0.00	47.26 0.28 0.00	46.77 0.33 0.00	38.37 0.29 0.00	29.60 0.23 0.00	27.87 0.28 -1.64	29.43 0.28 -2.69	27.97 0.25 -2.63	21.10 0.18 -1.01	22.24 0.20 0.00	25.47 0.22 0.00	26.96 0.18 0.00	23.66 0.11 0.00	25.75 0.10 0.00
WESTERN_NY_WIND 24143	33.02 1.23 0.00	28.69 0.51 0.00	29.25 0.31 0.00	28.38 0.18 0.00	25.03 0.14 0.00	22.29 0.36 0.00	23.52 0.39 0.00	24.62 0.20 0.00	31.55 0.53 0.00	38.93 0.51 -0.03	45.05 0.74 0.00	48.21 1.23 0.00	47.03 0.58 0.00	38.67 0.55 -0.04	36.21 0.84 -6.00	28.77 0.96 -1.86	28.46 1.01 -1.00	28.17 0.86 -2.23	21.81 0.72 -1.18	23.43 0.88 -0.50	26.59 1.34 0.00	28.38 1.61 0.00	24.82 1.27 0.00	26.98 1.33 0.00

WESTOVER___LESR 323668	32.15 0.36 0.00	28.36 0.19 0.00	29.10 0.17 0.00	28.26 0.07 0.00	24.96 0.07 0.00	22.04 0.10 0.00	23.23 0.10 0.00	24.59 0.17 0.00	31.41 0.39 0.00	38.95 0.46 -0.08	45.98 0.62 -1.05	48.85 0.66 -1.21	48.41 0.65 -1.31	39.29 0.38 -0.82	43.15 0.50 -13.28	30.72 0.63 -4.13	29.31 0.61 -2.24	30.68 0.65 -4.95	22.94 0.41 -2.61	23.69 0.52 -1.11	25.89 0.64 0.00	27.52 0.65 -0.09	24.03 0.48 0.00	26.05 0.41 0.00
WETHRSFD_WT_PWR 323626	32.18 0.39 0.00	28.07 -0.10 0.00	28.67 -0.27 0.00	27.72 -0.48 0.00	24.41 -0.48 0.00	21.63 -0.31 0.00	22.62 -0.51 0.00	23.81 -0.61 0.00	30.76 -0.26 0.00	37.92 -0.51 -0.04	43.85 -0.45 0.00	46.93 -0.04 0.00	45.91 -0.54 0.00	37.20 -0.93 -0.05	36.59 -0.51 -7.72	28.25 -0.09 -2.40	27.81 0.06 -1.28	28.16 0.21 -2.87	21.58 0.14 -1.52	22.93 0.23 -0.65	25.78 0.53 0.00	27.60 0.83 0.00	24.14 0.58 0.00	26.19 0.54 0.00
WHAVSTOR_138KV_BK127 55557	32.76 0.97 0.00	29.10 0.92 0.00	29.77 0.84 0.00	29.07 0.87 0.00	25.65 0.76 0.00	22.68 0.75 0.00	15.33 0.75 8.56	22.81 0.99 2.60	32.18 1.16 0.00	40.19 1.63 -0.16	46.32 2.02 0.00	49.01 2.03 0.00	48.80 2.35 0.00	3.55 1.98 36.52	28.84 1.76 2.29	38.55 1.92 -10.68	28.52 2.05 -0.01	9.47 1.87 17.49	28.11 1.41 -6.78	26.41 1.47 -2.89	26.69 1.48 0.05	27.79 1.25 0.24	14.10 1.03 10.48	23.96 1.12 2.80
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.76 0.97 0.00	29.10 0.92 0.00	29.77 0.84 0.00	29.07 0.87 0.00	25.65 0.76 0.00	22.68 0.75 0.00	15.33 0.75 8.56	22.81 0.99 2.60	32.18 1.16 0.00	40.19 1.63 -0.16	46.32 2.02 0.00	49.01 2.03 0.00	48.80 2.35 0.00	3.55 1.98 36.52	28.84 1.76 2.29	38.55 1.92 -10.68	28.52 2.05 -0.01	9.47 1.87 17.49	28.11 1.41 -6.78	26.41 1.47 -2.89	26.69 1.48 0.05	27.79 1.25 0.24	14.10 1.03 10.48	23.96 1.12 2.80
WHITEHAL_115KV_TB1 80871	35.66 3.87 0.00	31.57 3.39 0.00	32.44 3.50 0.00	31.55 3.35 0.00	27.91 3.03 0.00	24.62 2.69 0.00	27.20 2.95 -1.12	27.85 3.09 -0.34	34.70 3.68 0.00	43.55 4.66 -0.49	49.49 5.18 0.00	52.15 5.18 0.00	51.82 5.36 -0.01	49.19 4.71 -6.39	151.72 4.07 -118.28	64.26 3.42 -34.89	49.32 3.19 -19.67	76.75 3.06 -48.61	44.58 2.49 -22.17	34.31 2.82 -9.45	28.29 3.03 -0.01	29.88 3.04 -0.06	28.71 2.56 -2.60	28.75 2.41 -0.69
WHITEPLN_13_KV_LOAD 356215	33.40 1.61 0.00	29.53 1.35 0.00	30.21 1.27 0.00	29.48 1.28 0.00	26.02 1.13 0.00	23.08 1.14 0.00	30.26 1.22 -5.91	27.72 1.51 -1.79	32.88 1.85 0.00	41.07 2.51 -0.17	47.37 3.06 0.00	50.11 3.13 0.00	49.87 3.42 0.00	69.25 2.88 -28.28	95.79 2.47 -63.94	39.64 2.56 -11.12	39.66 2.69 -10.51	70.44 2.49 -42.87	28.85 1.87 -7.07	27.01 1.95 -3.01	27.32 2.03 -0.04	28.82 1.83 -0.22	34.78 1.51 -9.71	29.88 1.64 -2.60
WM_FLOYD_69_KV_BK2 356380	34.96 2.56 -0.61	31.86 2.51 -1.18	31.33 2.39 0.00	30.50 2.31 0.00	26.90 2.01 0.00	23.78 1.85 0.00	30.49 1.86 -5.49	28.16 2.08 -1.66	33.57 2.55 0.00	42.05 3.49 -0.17	48.31 4.00 0.00	50.73 3.75 0.00	50.84 4.39 0.00	68.57 3.88 -26.60	100.93 3.01 -68.55	97.79 3.20 -68.64	153.72 3.28 -123.98	81.88 3.09 -53.70	344.03 2.40 -321.71	66.66 2.63 -41.98	30.32 2.83 -2.24	31.42 2.76 -1.89	62.41 2.41 -36.44	43.15 2.65 -14.86
WOODARD__115KV_TB2 355635	31.47 -0.32 0.00	27.79 -0.39 0.00	28.48 -0.45 0.00	27.72 -0.47 0.00	24.48 -0.41 0.00	21.62 -0.31 0.00	22.73 -0.40 0.00	24.01 -0.41 0.00	30.58 -0.44 0.00	37.93 -0.53 -0.06	45.68 -0.48 -1.85	48.68 -0.44 -2.15	48.34 -0.43 -2.32	39.07 -0.37 -1.35	33.04 -0.17 -3.84	27.14 -0.03 -1.22	27.10 -0.05 -0.69	26.51 -0.04 -1.46	20.67 0.01 -0.75	22.41 0.05 -0.32	25.29 0.04 0.00	26.91 -0.03 -0.17	23.42 -0.13 0.00	25.42 -0.23 0.00
YORK___WARBASSE 23770	33.11 1.32 0.00	29.40 1.22 0.00	30.02 1.09 0.00	29.30 1.10 0.00	25.87 0.99 0.00	22.91 0.97 0.00	29.69 1.02 -5.54	27.43 1.33 -1.68	32.66 1.63 0.00	40.81 2.25 -0.17	47.05 2.74 0.00	49.77 2.80 0.00	49.56 3.12 0.00	67.38 2.67 -26.62	94.06 2.32 -62.37	39.53 2.43 -11.15	39.14 2.54 -10.14	68.33 2.30 -40.95	30.99 1.77 -9.31	27.08 1.89 -3.14	27.24 1.94 -0.04	28.78 1.75 -0.26	34.98 1.45 -9.97	30.18 1.58 -2.96