







ASTORIA_GT4_4 24105	31.69 1.27 -0.17	26.60 1.36 0.00	24.57 1.39 0.00	22.37 1.25 0.00	25.01 1.33 0.00	26.11 1.24 0.00	27.24 1.12 0.00	28.22 1.14 0.00	28.11 1.18 0.00	28.58 1.28 0.00	29.16 1.30 -0.19	28.38 1.43 0.00	28.09 1.41 0.00	26.97 1.48 -0.03	26.91 1.47 -0.15	27.64 1.53 -0.19	30.01 1.48 -0.59	33.67 1.69 0.00	39.37 1.91 0.00	44.55 1.88 0.00	47.53 2.00 0.00	41.43 1.63 0.00	33.94 1.49 0.00	29.31 1.39 -0.12
ASTORIA_GT_1 23523	31.75 1.33 -0.17	26.63 1.39 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.13 1.27 0.00	27.27 1.15 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.63 1.34 0.00	29.22 1.36 -0.19	28.40 1.46 0.00	28.15 1.47 0.00	26.99 1.50 -0.03	26.96 1.52 -0.15	27.67 1.56 -0.19	30.06 1.54 -0.59	33.71 1.73 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.62 2.09 0.00	41.51 1.71 0.00	34.01 1.56 0.00	29.34 1.42 -0.12
ASTORIA_GT_10 24110	31.61 1.36 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.44 1.51 0.00	33.71 1.73 0.00	39.45 1.99 0.00	44.68 2.01 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.01 1.56 0.00	29.24 1.45 0.00
ASTORIA_GT_11 24225	31.61 1.36 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.44 1.51 0.00	33.71 1.73 0.00	39.45 1.99 0.00	44.68 2.01 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.01 1.56 0.00	29.24 1.45 0.00
ASTORIA_GT_12 24226	31.61 1.36 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.44 1.51 0.00	33.71 1.73 0.00	39.45 1.99 0.00	44.68 2.01 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.01 1.56 0.00	29.24 1.45 0.00
ASTORIA_GT_13 24227	31.61 1.36 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.44 1.51 0.00	33.71 1.73 0.00	39.45 1.99 0.00	44.68 2.01 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.01 1.56 0.00	29.24 1.45 0.00
ASTORIA_GT_5 24106	31.75 1.33 -0.17	26.63 1.39 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.13 1.27 0.00	27.27 1.15 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.63 1.34 0.00	29.22 1.36 -0.19	28.40 1.46 0.00	28.15 1.47 0.00	26.99 1.50 -0.03	26.96 1.52 -0.15	27.67 1.56 -0.19	30.06 1.54 -0.59	33.71 1.73 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.62 2.09 0.00	41.51 1.71 0.00	34.01 1.56 0.00	29.34 1.42 -0.12
ASTORIA_GT_7 24107	31.75 1.33 -0.17	26.63 1.39 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.13 1.27 0.00	27.27 1.15 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.63 1.34 0.00	29.22 1.36 -0.19	28.40 1.46 0.00	28.15 1.47 0.00	26.99 1.50 -0.03	26.96 1.52 -0.15	27.67 1.56 -0.19	30.06 1.54 -0.59	33.71 1.73 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.62 2.09 0.00	41.51 1.71 0.00	34.01 1.56 0.00	29.34 1.42 -0.12
ASTORIA_GT_8 24108	31.75 1.33 -0.17	26.63 1.39 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.13 1.27 0.00	27.27 1.15 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.63 1.34 0.00	29.22 1.36 -0.19	28.40 1.46 0.00	28.15 1.47 0.00	26.99 1.50 -0.03	26.96 1.52 -0.15	27.67 1.56 -0.19	30.06 1.54 -0.59	33.71 1.73 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.62 2.09 0.00	41.51 1.71 0.00	34.01 1.56 0.00	29.34 1.42 -0.12
ASTORIA___2 24149	31.68 1.27 -0.16	26.59 1.36 0.01	24.55 1.37 0.00	22.37 1.25 0.00	25.01 1.33 0.00	26.10 1.24 0.01	27.24 1.12 0.01	28.21 1.14 0.01	28.10 1.18 0.01	28.57 1.28 0.01	29.18 1.33 -0.18	28.37 1.43 0.01	28.08 1.41 0.01	26.96 1.48 -0.03	26.91 1.47 -0.15	27.45 1.47 -0.18	29.97 1.45 -0.59	33.63 1.66 0.01	39.36 1.91 0.01	44.50 1.83 0.01	47.52 2.00 0.01	41.46 1.67 0.01	33.97 1.53 0.01	29.16 1.25 -0.12
ASTORIA___3 23516	31.61 1.36 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.40 1.48 0.00	29.47 1.54 0.00	33.71 1.73 0.00	39.44 1.98 0.00	44.60 1.92 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.01 1.56 0.00	29.10 1.31 0.00
ASTORIA___4 23517	31.61 1.36 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.44 1.51 0.00	33.71 1.73 0.00	39.45 1.99 0.00	44.68 2.01 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.01 1.56 0.00	29.24 1.45 0.00
ASTORIA___5 23518	31.61 1.36 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.40 1.48 0.00	29.47 1.54 0.00	33.71 1.73 0.00	39.44 1.98 0.00	44.60 1.92 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.01 1.56 0.00	29.10 1.31 0.00
AST_ENERGY_2_CC3 323677	31.61 1.36 0.00	26.65 1.41 0.00	24.55 1.37 0.00	22.37 1.25 0.00	24.98 1.30 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.25 1.16 0.00	28.17 1.24 0.00	28.58 1.28 0.00	29.00 1.33 0.00	28.32 1.37 0.00	28.07 1.39 0.00	26.86 1.40 0.00	26.76 1.47 0.00	27.42 1.50 0.00	29.41 1.48 0.00	32.07 1.73 1.64	36.10 1.98 3.34	32.89 2.01 11.79	34.58 2.19 13.14	37.37 1.75 4.18	32.07 1.56 1.94	29.08 1.28 0.00
AST_ENERGY_2_CC4 323678	31.61 1.36 0.00	26.65 1.41 0.00	24.55 1.37 0.00	22.37 1.25 0.00	24.98 1.30 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.25 1.16 0.00	28.17 1.24 0.00	28.58 1.28 0.00	29.00 1.33 0.00	28.32 1.37 0.00	28.07 1.39 0.00	26.86 1.40 0.00	26.76 1.47 0.00	27.42 1.50 0.00	29.41 1.48 0.00	32.07 1.73 1.64	36.10 1.98 3.34	32.89 2.01 11.79	34.58 2.19 13.14	37.37 1.75 4.18	32.07 1.56 1.94	29.08 1.28 0.00











BRENTWOD_69_KV_W. BRTWOOD 56703	35.88 2.36 -3.28	30.66 2.20 -3.23	28.20 2.16 -2.87	24.73 1.96 -1.64	26.70 2.11 -0.91	29.17 2.09 -2.22	30.58 2.04 -2.43	31.40 2.06 -2.26	31.98 2.05 -3.01	32.31 2.07 -2.94	32.65 2.13 -2.85	31.06 2.07 -2.04	30.79 2.03 -2.09	29.88 1.99 -2.44	30.39 2.05 -3.05	30.99 2.10 -2.97	34.59 2.12 -4.53	37.73 2.72 -3.03	43.51 3.18 -2.87	48.18 3.46 -2.05	51.65 3.78 -2.34	45.08 3.06 -2.22	37.74 2.69 -2.59	32.60 2.25 -2.55
BRISTLHL_115KV_TB1 79998	28.89 -1.36 0.00	24.20 -1.03 0.00	22.28 -0.90 0.00	20.30 -0.82 0.00	22.69 -0.99 0.00	23.82 -1.04 0.00	25.00 -1.12 0.00	25.97 -1.11 0.00	25.90 -1.02 0.00	26.28 -1.01 0.00	26.67 -1.00 0.00	25.90 -1.05 0.00	25.64 -1.04 0.00	24.44 -1.02 0.00	24.33 -0.96 0.00	24.94 -0.99 0.00	26.93 -1.01 0.00	30.80 -1.18 0.00	36.04 -1.42 0.00	41.14 -1.54 0.00	43.94 -1.59 0.00	38.36 -1.43 0.00	31.12 -1.33 0.00	26.63 -1.17 0.00
BROOKHAVEN___DRP 24191	35.03 2.30 -2.49	29.89 2.12 -2.53	27.52 2.09 -2.25	24.33 1.92 -1.28	26.47 2.08 -0.70	28.65 2.04 -1.74	29.98 1.96 -1.90	30.81 1.95 -1.78	31.26 1.97 -2.36	31.57 1.97 -2.31	31.80 1.99 -2.14	30.41 1.86 -1.60	30.18 1.87 -1.64	29.13 1.78 -1.89	29.45 1.85 -2.31	30.06 1.89 -2.24	33.11 1.93 -3.25	36.95 2.59 -2.38	42.82 3.11 -2.25	47.70 3.41 -1.61	51.06 3.69 -1.84	44.53 2.98 -1.75	37.09 2.60 -2.04	31.91 2.17 -1.94
BROOKLYN_NAVY_YARD 23515	31.71 1.33 -0.13	26.60 1.36 0.00	24.50 1.32 0.00	22.33 1.20 0.00	24.94 1.25 0.00	26.08 1.22 0.00	27.27 1.15 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.58 1.28 0.00	29.12 1.30 -0.15	28.32 1.37 0.00	28.07 1.39 0.00	26.83 1.35 -0.03	26.94 1.44 -0.21	27.55 1.48 -0.15	29.85 1.45 -0.46	33.71 1.73 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.67 2.14 0.00	41.51 1.71 0.00	33.98 1.53 0.00	29.11 1.22 -0.10
BROOKLYN___ARMY_DRP 323595	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.57 1.63 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.22 1.75 -0.02	29.41 1.61 0.00
BROOME_2_LFGE 323671	29.70 -0.54 0.00	24.86 -0.38 0.00	22.95 -0.23 0.00	20.91 -0.21 0.00	23.33 -0.35 0.00	24.52 -0.35 0.00	25.68 -0.44 0.00	26.62 -0.46 0.00	26.55 -0.38 0.00	26.89 -0.41 0.00	27.31 -0.36 0.00	26.54 -0.40 0.00	26.28 -0.40 0.00	25.05 -0.41 0.00	24.94 -0.35 0.00	25.51 -0.42 0.00	27.48 -0.45 0.00	31.50 -0.48 0.00	36.94 -0.52 0.00	42.25 -0.43 0.00	45.12 -0.41 0.00	39.32 -0.48 0.00	31.93 -0.52 0.00	27.43 -0.36 0.00
BROOME___LFGE 323600	29.70 -0.54 0.00	24.86 -0.38 0.00	22.95 -0.23 0.00	20.91 -0.21 0.00	23.33 -0.35 0.00	24.52 -0.35 0.00	25.68 -0.44 0.00	26.62 -0.46 0.00	26.55 -0.38 0.00	26.89 -0.41 0.00	27.31 -0.36 0.00	26.54 -0.40 0.00	26.28 -0.40 0.00	25.05 -0.41 0.00	24.94 -0.35 0.00	25.51 -0.42 0.00	27.48 -0.45 0.00	31.50 -0.48 0.00	36.94 -0.52 0.00	42.25 -0.43 0.00	45.12 -0.41 0.00	39.32 -0.48 0.00	31.93 -0.52 0.00	27.43 -0.36 0.00
BROWNFLS_115KV_TB 3_5 80003	30.01 -0.24 0.00	24.83 -0.40 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.23 -0.45 0.00	24.39 -0.47 0.00	25.81 -0.31 0.00	26.76 -0.32 0.00	26.47 -0.46 0.00	26.72 -0.57 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.01 -0.67 0.00	24.74 -0.71 0.00	24.56 -0.73 0.00	25.20 -0.73 0.00	27.32 -0.61 0.00	31.24 -0.74 0.00	36.75 -0.71 0.00	42.08 -0.60 0.00	44.76 -0.77 0.00	39.48 -0.32 0.00	32.09 -0.36 0.00	27.32 -0.47 0.00
BROWNSV1_27_KV_LOAD 356125	31.85 1.60 0.00	26.83 1.59 0.00	24.71 1.53 0.00	22.52 1.39 0.00	25.15 1.47 0.00	26.31 1.44 0.00	27.51 1.38 0.00	28.49 1.41 0.00	28.38 1.45 0.00	28.82 1.53 0.00	29.25 1.58 0.00	28.56 1.62 0.00	28.31 1.63 0.00	27.06 1.60 0.00	26.96 1.67 0.00	27.63 1.71 0.00	29.61 1.68 0.00	33.99 2.01 0.00	39.78 2.32 0.00	45.11 2.43 0.00	48.12 2.60 0.00	41.91 2.11 0.00	34.30 1.85 0.00	29.38 1.58 0.00
BURROWS___LYONSDAL 23803	30.34 0.09 0.00	25.36 0.13 0.00	23.27 0.09 0.00	21.21 0.08 0.00	23.78 0.09 0.00	24.96 0.10 0.00	26.25 0.13 0.00	27.19 0.11 0.00	26.87 -0.05 0.00	27.16 -0.14 0.00	27.56 -0.11 0.00	26.79 -0.16 0.00	26.41 -0.27 0.00	25.15 -0.31 0.00	24.99 -0.30 0.00	25.64 -0.29 0.00	27.71 -0.22 0.00	31.76 -0.22 0.00	37.35 -0.11 0.00	42.76 0.09 0.00	45.71 0.18 0.00	40.04 0.24 0.00	32.52 0.06 0.00	27.77 -0.03 0.00
CAITHNESS_CC_1 323624	34.92 2.21 -2.47	29.83 2.07 -2.52	27.43 2.02 -2.24	24.27 1.88 -1.27	26.42 2.04 -0.70	28.56 1.96 -1.73	29.92 1.91 -1.89	30.74 1.90 -1.77	31.22 1.94 -2.35	31.50 1.91 -2.30	31.73 1.94 -2.13	30.37 1.83 -1.59	30.12 1.82 -1.63	29.09 1.76 -1.88	29.41 1.82 -2.30	30.01 1.87 -2.23	33.08 1.93 -3.22	36.87 2.53 -2.37	42.70 3.00 -2.24	47.48 3.20 -1.60	50.91 3.55 -1.83	44.44 2.90 -1.74	36.98 2.50 -2.03	31.75 2.03 -1.93
CALPINE BETH_PAGE_GT4 24209	43.45 2.03 -11.17	37.36 1.94 -10.18	34.13 1.90 -9.05	28.10 1.73 -5.24	28.50 1.85 -2.97	33.72 1.84 -7.01	35.56 1.78 -7.66	36.02 1.79 -7.15	38.16 1.78 -9.45	38.38 1.83 -9.26	39.48 1.88 -9.93	35.28 1.89 -6.45	35.16 1.89 -6.59	35.18 1.86 -7.86	37.59 1.87 -10.42	38.10 1.92 -10.26	47.17 1.96 -17.29	43.77 2.27 -9.52	49.02 2.55 -9.01	51.85 2.73 -6.45	55.84 2.96 -7.35	49.21 2.43 -6.99	42.78 2.17 -8.16	38.40 1.95 -8.66
CALPINE_BETH_PAGE_GT_4 323586	43.45 2.03 -11.17	37.36 1.94 -10.18	34.13 1.90 -9.05	28.10 1.73 -5.24	28.50 1.85 -2.97	33.72 1.84 -7.01	35.56 1.78 -7.66	36.02 1.79 -7.15	38.18 1.80 -9.45	38.38 1.83 -9.26	39.48 1.88 -9.93	35.28 1.89 -6.45	35.16 1.89 -6.59	35.18 1.86 -7.86	37.59 1.87 -10.42	38.10 1.92 -10.26	47.17 1.95 -17.29	43.77 2.27 -9.52	49.02 2.55 -9.01	51.86 2.73 -6.45	55.84 2.96 -7.35	49.21 2.43 -6.99	42.78 2.17 -8.16	38.32 1.86 -8.66
CALPINE_BP_GT1 23823	43.45 2.03 -11.17	37.36 1.94 -10.18	34.13 1.90 -9.05	28.10 1.73 -5.24	28.50 1.85 -2.97	33.72 1.84 -7.01	35.56 1.78 -7.66	36.02 1.79 -7.15	38.18 1.80 -9.45	38.38 1.83 -9.26	39.48 1.88 -9.93	35.28 1.89 -6.45	35.16 1.89 -6.59	35.18 1.86 -7.86	37.59 1.87 -10.42	38.10 1.92 -10.26	47.17 1.95 -17.29	43.77 2.27 -9.52	49.02 2.55 -9.01	51.86 2.73 -6.45	55.84 2.96 -7.35	49.21 2.43 -6.99	42.78 2.17 -8.16	38.32 1.86 -8.66
CALSPAN___DRP 24200	27.71 -2.54 0.00	22.99 -2.25 0.00	21.35 -1.83 0.00	19.48 -1.65 0.00	21.55 -2.13 0.00	22.83 -2.04 0.00	23.82 -2.30 0.00	24.59 -2.49 0.00	24.61 -2.32 0.00	24.78 -2.51 0.00	25.24 -2.44 0.00	24.41 -2.53 0.00	24.31 -2.37 0.00	23.17 -2.29 0.00	23.04 -2.25 0.00	23.48 -2.44 0.00	25.36 -2.57 0.00	29.13 -2.85 0.00	34.20 -3.26 0.00	39.26 -3.41 0.00	42.02 -3.51 0.00	36.49 -3.30 0.00	29.47 -2.99 0.00	25.60 -2.20 0.00

CALVERTON___SOLAR 323806	35.10 2.36 -2.49	29.95 2.17 -2.54	27.54 2.11 -2.25	24.39 1.99 -1.28	26.52 2.13 -0.71	28.70 2.09 -1.75	30.07 2.04 -1.91	30.86 2.00 -1.78	31.34 2.05 -2.37	31.60 1.99 -2.32	31.83 2.02 -2.15	30.44 1.89 -1.60	30.21 1.89 -1.64	29.16 1.81 -1.90	29.48 1.87 -2.32	30.11 1.95 -2.25	33.20 2.01 -3.26	37.02 2.65 -2.38	42.94 3.22 -2.26	47.79 3.50 -1.62	51.20 3.82 -1.84	44.65 3.11 -1.75	37.16 2.66 -2.04	31.94 2.20 -1.95
CANDIGU_WT_PWR 323617	28.40 -1.85 0.00	23.70 -1.54 0.00	21.93 -1.25 0.00	19.98 -1.14 0.00	22.24 -1.45 0.00	23.45 -1.42 0.00	24.58 -1.54 0.00	25.46 -1.62 0.00	25.45 -1.48 0.00	25.71 -1.58 0.00	26.09 -1.58 0.00	25.25 -1.70 0.00	25.03 -1.65 0.00	23.80 -1.65 0.00	23.67 -1.62 0.00	24.16 -1.76 0.00	26.09 -1.84 0.00	29.97 -2.01 0.00	35.25 -2.21 0.00	40.58 -2.09 0.00	43.39 -2.14 0.00	37.77 -2.03 0.00	30.57 -1.88 0.00	26.46 -1.33 0.00
CARR STREET_E_SYR 24060	29.31 -0.94 0.00	24.56 -0.68 0.00	22.62 -0.56 0.00	20.62 -0.51 0.00	23.02 -0.66 0.00	24.19 -0.67 0.00	25.36 -0.76 0.00	26.35 -0.73 0.00	26.28 -0.65 0.00	26.64 -0.66 0.00	27.06 -0.61 0.00	26.27 -0.67 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.71 -0.58 0.00	25.30 -0.62 0.00	27.29 -0.64 0.00	31.25 -0.73 0.00	36.49 -0.97 0.00	41.52 -1.15 0.00	44.35 -1.18 0.00	38.68 -1.11 0.00	31.48 -0.97 0.00	27.07 -0.72 0.00
CARTHAGE___PAPER 23857	30.07 -0.18 0.00	25.09 -0.15 0.00	22.95 -0.23 0.00	20.91 -0.21 0.00	23.47 -0.21 0.00	24.64 -0.22 0.00	25.97 -0.16 0.00	26.86 -0.22 0.00	26.52 -0.40 0.00	26.72 -0.57 0.00	27.12 -0.55 0.00	26.30 -0.65 0.00	25.96 -0.72 0.00	24.67 -0.79 0.00	24.51 -0.78 0.00	25.17 -0.75 0.00	27.29 -0.64 0.00	31.34 -0.64 0.00	36.97 -0.49 0.00	42.46 -0.21 0.00	45.44 -0.09 0.00	39.88 0.08 0.00	32.29 -0.16 0.00	27.52 -0.28 0.00
CASSADAGA_WT_PWR 323784	27.71 -2.54 0.00	22.99 -2.25 0.00	21.37 -1.81 0.00	19.46 -1.67 0.00	21.60 -2.08 0.00	22.87 -1.99 0.00	23.93 -2.19 0.00	24.75 -2.33 0.00	24.77 -2.16 0.00	25.00 -2.29 0.00	25.51 -2.16 0.00	24.63 -2.32 0.00	24.38 -2.29 0.00	23.14 -2.32 0.00	22.96 -2.33 0.00	23.38 -2.54 0.00	25.14 -2.79 0.00	28.91 -3.07 0.00	34.09 -3.37 0.00	39.52 -3.16 0.00	42.21 -3.32 0.00	36.73 -3.06 0.00	29.85 -2.60 0.00	26.21 -1.58 0.00
CE_DUNWOOD___DRP 24194	31.55 1.30 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.08 1.22 0.00	27.22 1.10 0.00	28.19 1.11 0.00	28.06 1.13 0.00	28.49 1.20 0.00	28.92 1.25 0.00	28.24 1.29 0.00	27.96 1.27 0.00	26.73 1.32 0.00	26.61 1.32 0.00	27.27 1.35 0.00	29.27 1.34 0.00	33.58 1.60 0.00	39.30 1.84 0.00	44.59 1.92 0.00	47.62 2.09 0.00	41.47 1.67 0.00	33.94 1.49 0.00	29.10 1.31 0.00
CE_MILLWOOD___DRP 24193	31.52 1.27 0.00	26.53 1.29 0.00	24.43 1.25 0.00	22.27 1.14 0.00	24.87 1.18 0.00	26.03 1.17 0.00	27.19 1.07 0.00	28.14 1.06 0.00	28.01 1.08 0.00	28.44 1.15 0.00	28.86 1.19 0.00	28.19 1.24 0.00	27.91 1.23 0.00	26.68 1.22 0.00	26.56 1.26 0.00	27.22 1.30 0.00	29.22 1.28 0.00	33.48 1.50 0.00	39.22 1.76 0.00	44.51 1.83 0.00	47.53 2.00 0.00	41.39 1.59 0.00	33.88 1.43 0.00	29.05 1.25 0.00
CE_NYC2_DRP 24202	31.64 1.39 0.00	26.68 1.44 0.00	24.59 1.41 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.44 1.51 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.72 2.05 0.00	47.72 2.19 0.00	41.59 1.79 0.00	34.04 1.59 0.00	29.27 1.47 0.00
CE_NYC_DRP 24195	31.70 1.45 0.00	26.73 1.49 0.00	24.62 1.44 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.08 1.41 0.00	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.83 1.54 0.00	27.50 1.58 0.00	29.47 1.54 0.00	33.80 1.82 0.00	39.59 2.14 0.00	44.85 2.18 0.00	47.90 2.37 0.00	41.71 1.91 0.00	34.14 1.69 0.00	29.24 1.45 0.00
CHAFFEE___LFGE 323603	27.80 -2.45 0.00	23.04 -2.20 0.00	21.44 -1.74 0.00	19.54 -1.58 0.00	21.65 -2.04 0.00	22.90 -1.96 0.00	23.87 -2.25 0.00	24.64 -2.44 0.00	24.64 -2.29 0.00	24.84 -2.46 0.00	25.32 -2.35 0.00	24.50 -2.45 0.00	24.36 -2.32 0.00	23.22 -2.24 0.00	23.09 -2.20 0.00	23.54 -2.38 0.00	25.36 -2.57 0.00	29.20 -2.78 0.00	34.28 -3.18 0.00	39.56 -3.11 0.00	42.16 -3.37 0.00	36.57 -3.22 0.00	29.63 -2.82 0.00	25.93 -1.86 0.00
CHATEAUG_35_KV_LOAD 355732	30.85 0.60 0.00	25.44 0.20 0.00	23.20 0.02 0.00	21.19 0.06 0.00	23.80 0.12 0.00	25.01 0.15 0.00	26.43 0.31 0.00	27.43 0.35 0.00	27.28 0.35 0.00	27.62 0.33 0.00	27.97 0.30 0.00	27.16 0.22 0.00	26.92 0.24 0.00	25.66 0.20 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.18 0.25 0.00	32.20 0.22 0.00	37.72 0.26 0.00	43.10 0.43 0.00	45.85 0.32 0.00	40.31 0.52 0.00	32.84 0.39 0.00	28.02 0.22 0.00
CHATEAUG_WT_PWR 323614	30.79 0.55 0.00	25.42 0.18 0.00	23.18 0.00 0.00	21.17 0.04 0.00	23.78 0.10 0.00	24.96 0.10 0.00	26.41 0.29 0.00	27.38 0.30 0.00	27.22 0.30 0.00	27.59 0.30 0.00	27.95 0.28 0.00	27.16 0.21 0.00	26.92 0.24 0.00	25.64 0.18 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.15 0.22 0.00	32.17 0.19 0.00	37.65 0.19 0.00	43.01 0.34 0.00	45.76 0.23 0.00	40.28 0.48 0.00	32.81 0.36 0.00	27.99 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	30.85 0.60 0.00	25.44 0.20 0.00	23.20 0.02 0.00	21.19 0.06 0.00	23.80 0.12 0.00	25.01 0.15 0.00	26.43 0.31 0.00	27.43 0.35 0.00	27.28 0.35 0.00	27.62 0.33 0.00	27.97 0.30 0.00	27.16 0.22 0.00	26.92 0.24 0.00	25.66 0.20 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.18 0.25 0.00	32.20 0.22 0.00	37.72 0.26 0.00	43.10 0.43 0.00	45.85 0.32 0.00	40.31 0.52 0.00	32.84 0.39 0.00	28.02 0.22 0.00
CHAUTAUQUA___LFGE 323629	27.92 -2.33 0.00	23.17 -2.07 0.00	21.53 -1.65 0.00	19.63 -1.50 0.00	21.76 -1.92 0.00	23.02 -1.84 0.00	24.06 -2.06 0.00	24.83 -2.25 0.00	24.85 -2.07 0.00	25.06 -2.24 0.00	25.54 -2.13 0.00	24.68 -2.26 0.00	24.49 -2.19 0.00	23.29 -2.16 0.00	23.14 -2.15 0.00	23.59 -2.33 0.00	25.39 -2.54 0.00	29.20 -2.78 0.00	34.39 -3.07 0.00	39.77 -2.90 0.00	42.43 -3.10 0.00	36.85 -2.94 0.00	29.89 -2.56 0.00	26.18 -1.61 0.00
CHERRYST_13_KV_LD 356241	31.79 1.54 0.00	26.78 1.54 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.26 1.39 0.00	27.43 1.31 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.23 1.55 0.00	27.01 1.55 0.00	26.88 1.59 0.00	27.55 1.63 0.00	29.55 1.62 0.00	33.90 1.92 0.00	39.67 2.21 0.00	44.98 2.30 0.00	47.99 2.46 0.00	41.79 1.99 0.00	34.20 1.75 0.00	29.30 1.50 0.00

CHESTROR_138KV_BK263 355645	31.22 0.97 0.00	26.25 1.01 0.00	24.18 1.00 0.00	22.01 0.89 0.00	24.61 0.92 0.00	25.78 0.92 0.00	26.91 0.78 0.00	27.87 0.79 0.00	27.71 0.78 0.00	28.11 0.82 0.00	28.50 0.83 0.00	27.84 0.89 0.00	27.56 0.88 0.00	26.35 0.89 0.00	26.23 0.94 0.00	26.88 0.96 0.00	28.88 0.95 0.00	33.10 1.12 0.00	38.77 1.31 0.00	44.04 1.37 0.00	47.03 1.50 0.00	40.95 1.15 0.00	33.52 1.07 0.00	28.77 0.97 0.00
CH_MIDHUDSON___DRP 24192	31.46 1.21 0.00	26.48 1.24 0.00	24.39 1.21 0.00	22.20 1.08 0.00	24.82 1.14 0.00	26.01 1.14 0.00	27.11 0.99 0.00	28.06 0.97 0.00	27.92 1.00 0.00	28.30 1.01 0.00	28.72 1.05 0.00	28.05 1.10 0.00	27.77 1.09 0.00	26.55 1.09 0.00	26.40 1.11 0.00	27.09 1.17 0.00	29.11 1.17 0.00	33.39 1.41 0.00	39.11 1.65 0.00	44.38 1.71 0.00	47.40 1.87 0.00	41.27 1.47 0.00	33.81 1.36 0.00	28.99 1.20 0.00
CH_MISC_IPPS 23765	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.14 1.06 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.22 1.29 0.00	33.48 1.50 0.00	39.26 1.80 0.00	44.47 1.79 0.00	47.58 2.05 0.00	41.43 1.63 0.00	33.95 1.49 0.00	29.05 1.25 0.00
CH_RES_BVR_FALLS 23983	30.13 -0.12 0.00	25.09 -0.15 0.00	23.02 -0.16 0.00	21.00 -0.13 0.00	23.54 -0.14 0.00	24.72 -0.15 0.00	26.02 -0.10 0.00	26.97 -0.11 0.00	26.82 -0.11 0.00	27.16 -0.14 0.00	27.51 -0.17 0.00	26.79 -0.16 0.00	26.49 -0.19 0.00	25.25 -0.20 0.00	25.06 -0.23 0.00	25.69 -0.23 0.00	27.68 -0.25 0.00	31.69 -0.29 0.00	37.12 -0.34 0.00	42.33 -0.34 0.00	45.16 -0.37 0.00	39.52 -0.28 0.00	32.23 -0.23 0.00	27.57 -0.22 0.00
CH_RES_NIAGARA 23895	27.01 -3.24 0.00	22.41 -2.83 0.00	20.82 -2.36 0.00	19.01 -2.11 0.00	21.01 -2.68 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.97 -2.96 0.00	24.07 -3.22 0.00	24.52 -3.15 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.78 -3.16 0.00	28.40 -3.58 0.00	33.30 -4.16 0.00	38.15 -4.52 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.59 -3.86 0.00	24.82 -2.97 0.00
CH_RES_SYRACUSE 23985	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.60 -0.53 0.00	23.02 -0.66 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.34 -0.59 0.00	31.28 -0.70 0.00	36.60 -0.86 0.00	41.78 -0.90 0.00	44.62 -0.91 0.00	38.92 -0.88 0.00	31.58 -0.87 0.00	27.07 -0.72 0.00
CLINTON_WT_PWR 323605	30.79 0.55 0.00	25.42 0.18 0.00	23.18 0.00 0.00	21.17 0.04 0.00	23.78 0.10 0.00	24.96 0.10 0.00	26.41 0.29 0.00	27.38 0.30 0.00	27.22 0.30 0.00	27.59 0.30 0.00	27.95 0.28 0.00	27.16 0.21 0.00	26.92 0.24 0.00	25.64 0.18 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.15 0.22 0.00	32.17 0.19 0.00	37.65 0.19 0.00	43.01 0.34 0.00	45.76 0.23 0.00	40.28 0.48 0.00	32.81 0.36 0.00	27.99 0.20 0.00
CLINTON___LFGE 323618	31.24 1.00 0.00	25.77 0.53 0.00	23.50 0.32 0.00	21.48 0.36 0.00	24.08 0.40 0.00	25.29 0.42 0.00	26.75 0.63 0.00	27.76 0.68 0.00	27.60 0.67 0.00	28.00 0.71 0.00	28.33 0.66 0.00	27.51 0.57 0.00	27.29 0.61 0.00	25.99 0.54 0.00	25.75 0.46 0.00	26.41 0.49 0.00	28.58 0.64 0.00	32.62 0.64 0.00	38.17 0.71 0.00	43.66 0.98 0.00	46.44 0.91 0.00	40.87 1.07 0.00	33.26 0.81 0.00	28.35 0.56 0.00
COBBLENY_34_KV_TB1 80064	27.80 -2.45 0.00	23.04 -2.20 0.00	21.42 -1.76 0.00	19.54 -1.58 0.00	21.62 -2.06 0.00	22.90 -1.96 0.00	23.87 -2.25 0.00	24.64 -2.44 0.00	24.67 -2.26 0.00	24.84 -2.46 0.00	25.32 -2.35 0.00	24.50 -2.45 0.00	24.36 -2.32 0.00	23.22 -2.24 0.00	23.09 -2.20 0.00	23.56 -2.36 0.00	25.42 -2.51 0.00	29.20 -2.78 0.00	34.28 -3.18 0.00	39.39 -3.29 0.00	42.16 -3.37 0.00	36.57 -3.22 0.00	29.53 -2.92 0.00	25.68 -2.11 0.00
COFFEEN___115KV_TB3 355620	30.13 -0.12 0.00	25.21 -0.03 0.00	23.09 -0.09 0.00	21.04 -0.08 0.00	23.59 -0.09 0.00	24.76 -0.10 0.00	26.04 -0.08 0.00	26.95 -0.14 0.00	26.63 -0.30 0.00	26.83 -0.46 0.00	27.26 -0.42 0.00	26.44 -0.51 0.00	26.07 -0.61 0.00	24.80 -0.66 0.00	24.63 -0.66 0.00	25.30 -0.62 0.00	27.49 -0.45 0.00	31.56 -0.42 0.00	37.31 -0.15 0.00	42.93 0.26 0.00	46.03 0.50 0.00	40.35 0.56 0.00	32.58 0.13 0.00	27.69 -0.11 0.00
COLDSPRG_115KV_BK1 355956	28.31 -1.94 0.00	23.52 -1.72 0.00	21.86 -1.32 0.00	19.92 -1.20 0.00	22.07 -1.61 0.00	23.40 -1.47 0.00	24.42 -1.70 0.00	25.24 -1.84 0.00	25.20 -1.72 0.00	25.44 -1.86 0.00	25.93 -1.74 0.00	25.06 -1.89 0.00	24.84 -1.84 0.00	23.60 -1.86 0.00	23.47 -1.82 0.00	23.90 -2.02 0.00	25.73 -2.21 0.00	29.58 -2.40 0.00	34.84 -2.62 0.00	40.20 -2.48 0.00	43.03 -2.50 0.00	37.37 -2.43 0.00	30.21 -2.24 0.00	26.38 -1.42 0.00
COLONIE_LFGE___ 323577	30.82 0.57 0.00	25.92 0.68 0.00	23.92 0.74 0.00	21.76 0.63 0.00	24.27 0.59 0.00	25.51 0.65 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.39 0.46 0.00	27.79 0.49 0.00	28.11 0.44 0.00	27.41 0.46 0.00	27.11 0.43 0.00	25.89 0.43 0.00	25.64 0.35 0.00	26.31 0.39 0.00	28.32 0.39 0.00	32.49 0.51 0.00	38.10 0.64 0.00	43.40 0.72 0.00	46.30 0.77 0.00	40.39 0.60 0.00	33.00 0.55 0.00	28.35 0.56 0.00
COOPERNY_115KV_TB1 80082	30.88 0.64 0.00	25.95 0.71 0.00	23.90 0.72 0.00	21.76 0.63 0.00	24.32 0.64 0.00	25.49 0.62 0.00	26.67 0.55 0.00	27.60 0.51 0.00	27.47 0.54 0.00	27.84 0.55 0.00	28.25 0.58 0.00	27.57 0.62 0.00	27.29 0.61 0.00	26.07 0.61 0.00	25.95 0.66 0.00	26.60 0.67 0.00	28.57 0.64 0.00	32.75 0.77 0.00	38.36 0.90 0.00	43.61 0.94 0.00	46.58 1.05 0.00	40.59 0.80 0.00	33.17 0.71 0.00	28.44 0.64 0.00
COPENHAGEN_WT_PWR 323753	29.95 -0.30 0.00	25.04 -0.20 0.00	22.95 -0.23 0.00	20.91 -0.21 0.00	23.45 -0.24 0.00	24.62 -0.25 0.00	25.86 -0.26 0.00	26.78 -0.30 0.00	26.50 -0.43 0.00	26.72 -0.57 0.00	27.14 -0.53 0.00	26.33 -0.62 0.00	25.99 -0.69 0.00	24.72 -0.74 0.00	24.56 -0.73 0.00	25.22 -0.70 0.00	27.34 -0.59 0.00	31.41 -0.57 0.00	37.05 -0.41 0.00	42.55 -0.13 0.00	45.58 0.05 0.00	39.96 0.16 0.00	32.32 -0.13 0.00	27.52 -0.28 0.00
CORNELL_____ 23752	30.01 -0.24 0.00	25.14 -0.10 0.00	23.18 0.00 0.00	21.13 0.00 0.00	23.56 -0.12 0.00	24.76 -0.10 0.00	25.99 -0.13 0.00	27.00 -0.08 0.00	26.93 0.00 0.00	27.24 -0.05 0.00	27.64 -0.03 0.00	26.81 -0.13 0.00	26.52 -0.16 0.00	25.25 -0.20 0.00	25.16 -0.13 0.00	25.82 -0.10 0.00	27.90 -0.03 0.00	31.98 0.00 0.00	37.54 0.07 0.00	42.93 0.26 0.00	45.89 0.36 0.00	40.04 0.24 0.00	32.39 -0.06 0.00	27.71 -0.08 0.00

CORONA V_69_KV_TB1 355595	78.75 1.85 -46.66	68.60 1.87 -41.49	61.88 1.83 -36.87	43.28 1.67 -20.49	36.48 1.78 -11.02	55.24 1.79 -28.59	59.03 1.70 -31.21	57.92 1.71 -29.13	67.05 1.67 -38.46	66.65 1.69 -37.67	71.13 1.74 -41.72	55.06 1.83 -26.28	55.33 1.79 -26.86	59.50 1.76 -32.28	70.61 1.77 -43.55	70.75 1.81 -43.01	104.22 1.82 -74.48	72.92 2.21 -38.73	76.65 2.51 -36.68	71.59 2.69 -26.23	78.29 2.87 -29.89	70.61 2.39 -28.43	67.74 2.11 -33.18	65.67 1.78 -36.10
CORTLAND_115KV_TB3 80093	29.88 -0.36 0.00	25.04 -0.20 0.00	23.09 -0.09 0.00	21.02 -0.11 0.00	23.47 -0.21 0.00	24.67 -0.20 0.00	25.89 -0.24 0.00	26.86 -0.22 0.00	26.77 -0.16 0.00	27.10 -0.19 0.00	27.50 -0.17 0.00	26.71 -0.24 0.00	26.44 -0.24 0.00	25.20 -0.25 0.00	25.09 -0.20 0.00	25.71 -0.21 0.00	27.74 -0.20 0.00	31.79 -0.19 0.00	37.27 -0.19 0.00	42.59 -0.09 0.00	45.48 -0.05 0.00	39.68 -0.12 0.00	32.19 -0.26 0.00	27.57 -0.22 0.00
COXSACKIE___GT 23611	31.24 1.00 0.00	26.30 1.06 0.00	24.18 1.00 0.00	21.97 0.85 0.00	24.58 0.90 0.00	25.93 1.07 0.00	26.96 0.84 0.00	27.84 0.76 0.00	27.52 0.59 0.00	27.73 0.44 0.00	28.06 0.39 0.00	27.35 0.40 0.00	27.08 0.40 0.00	25.84 0.38 0.00	25.64 0.35 0.00	26.31 0.39 0.00	28.49 0.56 0.00	32.81 0.83 0.00	38.55 1.09 0.00	43.74 1.07 0.00	46.85 1.32 0.00	40.87 1.07 0.00	33.59 1.14 0.00	28.85 1.06 0.00
CPV_VALLEY___CC1 323721	31.00 0.76 0.00	26.07 0.83 0.00	24.01 0.83 0.00	21.87 0.74 0.00	24.46 0.78 0.00	25.61 0.75 0.00	26.75 0.63 0.00	27.70 0.62 0.00	27.57 0.65 0.00	27.95 0.65 0.00	28.36 0.69 0.00	27.68 0.73 0.00	27.43 0.75 0.00	26.20 0.74 0.00	26.08 0.78 0.00	26.73 0.80 0.00	28.71 0.78 0.00	32.87 0.89 0.00	38.51 1.05 0.00	43.74 1.07 0.00	46.71 1.18 0.00	40.71 0.92 0.00	33.29 0.84 0.00	28.52 0.72 0.00
CPV_VALLEY___CC2 323722	31.00 0.76 0.00	26.07 0.83 0.00	24.01 0.83 0.00	21.87 0.74 0.00	24.46 0.78 0.00	25.61 0.75 0.00	26.75 0.63 0.00	27.70 0.62 0.00	27.57 0.65 0.00	27.95 0.65 0.00	28.36 0.69 0.00	27.68 0.73 0.00	27.43 0.75 0.00	26.20 0.74 0.00	26.08 0.78 0.00	26.73 0.80 0.00	28.71 0.78 0.00	32.87 0.89 0.00	38.51 1.05 0.00	43.74 1.07 0.00	46.71 1.18 0.00	40.71 0.92 0.00	33.29 0.84 0.00	28.52 0.72 0.00
CRESCENT___HYD 24018	30.82 0.57 0.00	25.92 0.68 0.00	23.92 0.74 0.00	21.76 0.63 0.00	24.27 0.59 0.00	25.51 0.65 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.39 0.46 0.00	27.79 0.49 0.00	28.11 0.44 0.00	27.41 0.46 0.00	27.11 0.43 0.00	25.89 0.43 0.00	25.64 0.35 0.00	26.31 0.39 0.00	28.32 0.39 0.00	32.49 0.51 0.00	38.10 0.64 0.00	43.40 0.72 0.00	46.30 0.77 0.00	40.39 0.60 0.00	33.00 0.55 0.00	28.35 0.56 0.00
CRICKET___VALLEY_CC1 323756	31.24 1.00 0.00	26.35 1.11 0.00	24.27 1.09 0.00	22.12 0.99 0.00	24.70 1.02 0.00	25.86 1.00 0.00	27.01 0.89 0.00	27.92 0.84 0.00	27.79 0.86 0.00	28.19 0.90 0.00	28.61 0.94 0.00	27.92 0.97 0.00	27.67 0.99 0.00	26.45 0.99 0.00	26.30 1.01 0.00	26.96 1.04 0.00	28.97 1.03 0.00	33.19 1.21 0.00	38.88 1.42 0.00	44.08 1.41 0.00	47.12 1.59 0.00	41.03 1.24 0.00	33.59 1.14 0.00	28.74 0.95 0.00
CRICKET___VALLEY_CC2 323757	31.24 1.00 0.00	26.35 1.11 0.00	24.27 1.09 0.00	22.12 0.99 0.00	24.70 1.02 0.00	25.86 1.00 0.00	27.01 0.89 0.00	27.92 0.84 0.00	27.79 0.86 0.00	28.19 0.90 0.00	28.61 0.94 0.00	27.92 0.97 0.00	27.67 0.99 0.00	26.45 0.99 0.00	26.30 1.01 0.00	26.96 1.04 0.00	28.97 1.03 0.00	33.19 1.21 0.00	38.88 1.42 0.00	44.08 1.41 0.00	47.12 1.59 0.00	41.03 1.24 0.00	33.59 1.14 0.00	28.74 0.95 0.00
CRICKET___VALLEY_CC3 323758	31.24 1.00 0.00	26.35 1.11 0.00	24.27 1.09 0.00	22.12 0.99 0.00	24.70 1.02 0.00	25.86 1.00 0.00	27.01 0.89 0.00	27.92 0.84 0.00	27.79 0.86 0.00	28.19 0.90 0.00	28.61 0.94 0.00	27.92 0.97 0.00	27.67 0.99 0.00	26.45 0.99 0.00	26.30 1.01 0.00	26.96 1.04 0.00	28.97 1.03 0.00	33.19 1.21 0.00	38.88 1.42 0.00	44.08 1.41 0.00	47.12 1.59 0.00	41.03 1.24 0.00	33.59 1.14 0.00	28.74 0.95 0.00
CRUCIBLE_METL_DRP 24180	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.60 -0.53 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.60 -0.86 0.00	41.73 -0.94 0.00	44.62 -0.91 0.00	38.96 -0.84 0.00	31.58 -0.88 0.00	27.02 -0.78 0.00
DAHOWA___HYDRO 323763	31.31 1.06 0.00	26.35 1.11 0.00	24.25 1.07 0.00	21.93 0.80 0.00	24.53 0.85 0.00	25.78 0.92 0.00	26.98 0.86 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.42 0.75 0.00	27.68 0.73 0.00	27.32 0.64 0.00	26.09 0.64 0.00	25.87 0.58 0.00	26.52 0.60 0.00	28.60 0.67 0.00	32.81 0.83 0.00	38.55 1.09 0.00	44.00 1.32 0.00	46.94 1.41 0.00	40.99 1.19 0.00	33.46 1.01 0.00	28.71 0.92 0.00
DANC___LFGE 323619	29.58 -0.67 0.00	24.73 -0.50 0.00	22.72 -0.46 0.00	20.70 -0.42 0.00	23.16 -0.52 0.00	24.32 -0.55 0.00	25.52 -0.60 0.00	26.46 -0.62 0.00	26.26 -0.67 0.00	26.56 -0.74 0.00	26.98 -0.69 0.00	26.19 -0.75 0.00	25.88 -0.80 0.00	24.62 -0.84 0.00	24.46 -0.83 0.00	25.09 -0.83 0.00	27.15 -0.78 0.00	31.15 -0.83 0.00	36.64 -0.82 0.00	41.99 -0.68 0.00	44.94 -0.59 0.00	39.36 -0.44 0.00	31.90 -0.55 0.00	27.24 -0.56 0.00
DANSKAMMER___1 23586	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.14 1.06 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.22 1.29 0.00	33.48 1.50 0.00	39.26 1.80 0.00	44.47 1.79 0.00	47.58 2.05 0.00	41.43 1.63 0.00	33.95 1.49 0.00	29.05 1.25 0.00
DANSKAMMER___2 23589	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.14 1.06 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.22 1.29 0.00	33.48 1.50 0.00	39.26 1.80 0.00	44.47 1.79 0.00	47.58 2.05 0.00	41.43 1.63 0.00	33.95 1.49 0.00	29.05 1.25 0.00
DANSKAMMER___3 23590	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.14 1.06 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.22 1.29 0.00	33.48 1.50 0.00	39.26 1.80 0.00	44.47 1.79 0.00	47.58 2.05 0.00	41.43 1.63 0.00	33.95 1.49 0.00	29.05 1.25 0.00

DANSKAMMER___4 23591	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.14 1.06 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.22 1.29 0.00	33.48 1.50 0.00	39.26 1.80 0.00	44.47 1.79 0.00	47.58 2.05 0.00	41.43 1.63 0.00	33.95 1.49 0.00	29.05 1.25 0.00
DANSKAMMER___DIESEL 23592	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.14 1.06 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.75 1.08 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.19 1.26 0.00	33.48 1.50 0.00	39.26 1.80 0.00	44.51 1.83 0.00	47.58 2.05 0.00	41.43 1.63 0.00	33.94 1.49 0.00	29.10 1.31 0.00
DARBY___SOLAR 323810	31.22 0.97 0.00	26.27 1.04 0.00	24.20 1.02 0.00	21.91 0.78 0.00	24.49 0.81 0.00	25.73 0.87 0.00	26.93 0.81 0.00	27.87 0.79 0.00	27.63 0.70 0.00	28.00 0.71 0.00	28.36 0.69 0.00	27.62 0.67 0.00	27.29 0.61 0.00	26.04 0.59 0.00	25.82 0.53 0.00	26.47 0.55 0.00	28.58 0.64 0.00	32.75 0.77 0.00	38.47 1.01 0.00	43.87 1.19 0.00	46.85 1.32 0.00	40.87 1.07 0.00	33.39 0.94 0.00	28.66 0.86 0.00
DASHVILLE___HYD 23610	31.55 1.30 0.00	26.55 1.31 0.00	24.43 1.25 0.00	22.25 1.12 0.00	24.87 1.18 0.00	26.13 1.27 0.00	27.19 1.07 0.00	28.11 1.03 0.00	27.95 1.02 0.00	28.30 1.01 0.00	28.72 1.05 0.00	28.05 1.10 0.00	27.80 1.12 0.00	26.58 1.12 0.00	26.45 1.16 0.00	27.11 1.19 0.00	29.16 1.23 0.00	33.48 1.50 0.00	39.22 1.76 0.00	44.47 1.79 0.00	47.58 2.05 0.00	41.39 1.59 0.00	33.98 1.53 0.00	29.13 1.33 0.00
DELAWARE___LFGE 323621	30.67 0.42 0.00	25.74 0.50 0.00	23.74 0.56 0.00	21.61 0.49 0.00	24.18 0.50 0.00	25.34 0.47 0.00	26.54 0.42 0.00	27.46 0.38 0.00	27.36 0.43 0.00	27.70 0.41 0.00	28.14 0.47 0.00	27.41 0.46 0.00	27.11 0.43 0.00	25.86 0.41 0.00	25.72 0.43 0.00	26.36 0.44 0.00	28.38 0.45 0.00	32.49 0.51 0.00	38.14 0.67 0.00	43.44 0.77 0.00	46.44 0.91 0.00	40.51 0.72 0.00	33.00 0.55 0.00	28.27 0.47 0.00
DERFIELD_115KV_TB7 355931	30.19 -0.06 0.00	25.24 0.00 0.00	23.23 0.05 0.00	21.15 0.02 0.00	23.68 0.00 0.00	24.86 0.00 0.00	26.10 -0.03 0.00	27.03 -0.05 0.00	26.87 -0.05 0.00	27.24 -0.05 0.00	27.62 -0.06 0.00	26.89 -0.05 0.00	26.60 -0.08 0.00	25.41 -0.05 0.00	25.24 -0.05 0.00	25.84 -0.08 0.00	27.85 -0.08 0.00	31.88 -0.10 0.00	37.39 -0.07 0.00	42.59 -0.09 0.00	45.44 -0.09 0.00	39.72 -0.08 0.00	32.39 -0.06 0.00	27.74 -0.06 0.00
DOGLEVILLE___HYD 23807	30.37 0.12 0.00	25.42 0.18 0.00	23.37 0.19 0.00	21.30 0.17 0.00	23.85 0.17 0.00	25.04 0.17 0.00	26.30 0.18 0.00	27.27 0.19 0.00	27.12 0.19 0.00	27.48 0.19 0.00	27.86 0.19 0.00	27.11 0.16 0.00	26.79 0.11 0.00	25.51 0.05 0.00	25.34 0.05 0.00	25.95 0.03 0.00	27.96 0.03 0.00	32.04 0.06 0.00	37.61 0.15 0.00	42.93 0.26 0.00	45.89 0.36 0.00	40.08 0.28 0.00	32.65 0.19 0.00	27.99 0.19 0.00
DUNKIRK___115KV_TB_200 55889	27.95 -2.30 0.00	23.19 -2.04 0.00	21.53 -1.65 0.00	19.65 -1.48 0.00	21.76 -1.92 0.00	23.05 -1.82 0.00	24.06 -2.06 0.00	24.86 -2.22 0.00	24.88 -2.05 0.00	25.06 -2.24 0.00	25.54 -2.13 0.00	24.68 -2.26 0.00	24.52 -2.16 0.00	23.32 -2.14 0.00	23.19 -2.10 0.00	23.64 -2.28 0.00	25.47 -2.46 0.00	29.26 -2.72 0.00	34.43 -3.03 0.00	39.64 -3.03 0.00	42.48 -3.05 0.00	36.89 -2.91 0.00	29.82 -2.63 0.00	25.93 -1.86 0.00
DUNKIRK___1 23563	27.95 -2.30 0.00	23.19 -2.04 0.00	21.53 -1.65 0.00	19.65 -1.48 0.00	21.76 -1.92 0.00	23.05 -1.82 0.00	24.06 -2.06 0.00	24.86 -2.22 0.00	24.88 -2.05 0.00	25.06 -2.24 0.00	25.54 -2.13 0.00	24.68 -2.26 0.00	24.52 -2.16 0.00	23.32 -2.14 0.00	23.19 -2.10 0.00	23.64 -2.28 0.00	25.47 -2.46 0.00	29.26 -2.72 0.00	34.43 -3.03 0.00	39.64 -3.03 0.00	42.48 -3.05 0.00	36.89 -2.91 0.00	29.82 -2.63 0.00	25.93 -1.86 0.00
DUNKIRK___2 23564	27.95 -2.30 0.00	23.19 -2.04 0.00	21.53 -1.65 0.00	19.65 -1.48 0.00	21.76 -1.92 0.00	23.05 -1.82 0.00	24.06 -2.06 0.00	24.86 -2.22 0.00	24.88 -2.05 0.00	25.06 -2.24 0.00	25.54 -2.13 0.00	24.68 -2.26 0.00	24.52 -2.16 0.00	23.32 -2.14 0.00	23.19 -2.10 0.00	23.64 -2.28 0.00	25.47 -2.46 0.00	29.26 -2.72 0.00	34.43 -3.03 0.00	39.64 -3.03 0.00	42.48 -3.05 0.00	36.89 -2.91 0.00	29.82 -2.63 0.00	25.93 -1.86 0.00
DUNKIRK___3 23565	27.89 -2.36 0.00	23.17 -2.07 0.00	21.51 -1.67 0.00	19.63 -1.50 0.00	21.72 -1.97 0.00	23.00 -1.86 0.00	24.01 -2.12 0.00	24.81 -2.27 0.00	24.83 -2.10 0.00	25.00 -2.29 0.00	25.46 -2.21 0.00	24.63 -2.32 0.00	24.49 -2.19 0.00	23.29 -2.16 0.00	23.17 -2.12 0.00	23.61 -2.31 0.00	25.47 -2.46 0.00	29.26 -2.72 0.00	34.39 -3.07 0.00	39.56 -3.12 0.00	42.39 -3.14 0.00	36.77 -3.02 0.00	29.73 -2.73 0.00	25.85 -1.95 0.00
DUNKIRK___4 23566	27.89 -2.36 0.00	23.17 -2.07 0.00	21.51 -1.67 0.00	19.63 -1.50 0.00	21.72 -1.97 0.00	23.00 -1.86 0.00	24.01 -2.12 0.00	24.81 -2.27 0.00	24.83 -2.10 0.00	25.00 -2.29 0.00	25.46 -2.21 0.00	24.63 -2.32 0.00	24.49 -2.19 0.00	23.29 -2.16 0.00	23.17 -2.12 0.00	23.61 -2.31 0.00	25.47 -2.46 0.00	29.26 -2.72 0.00	34.39 -3.07 0.00	39.56 -3.12 0.00	42.39 -3.14 0.00	36.77 -3.02 0.00	29.73 -2.73 0.00	25.85 -1.95 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.64 1.39 0.00	26.63 1.39 0.00	24.55 1.37 0.00	22.35 1.23 0.00	24.96 1.28 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.55 1.26 0.00	28.97 1.30 0.00	28.29 1.35 0.00	28.04 1.36 0.00	26.83 1.37 0.00	26.68 1.39 0.00	27.35 1.43 0.00	29.36 1.42 0.00	33.67 1.69 0.00	39.41 1.95 0.00	44.68 2.01 0.00	47.72 2.19 0.00	41.55 1.75 0.00	34.04 1.59 0.00	29.16 1.36 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.40 1.15 0.00	26.43 1.19 0.00	24.34 1.16 0.00	22.16 1.04 0.00	24.77 1.09 0.00	25.96 1.09 0.00	27.06 0.94 0.00	28.00 0.92 0.00	27.84 0.92 0.00	28.22 0.93 0.00	28.64 0.97 0.00	27.97 1.02 0.00	27.72 1.04 0.00	26.50 1.04 0.00	26.35 1.06 0.00	27.01 1.09 0.00	29.05 1.12 0.00	33.29 1.31 0.00	39.03 1.57 0.00	44.25 1.58 0.00	47.35 1.82 0.00	41.19 1.39 0.00	33.75 1.30 0.00	28.94 1.14 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.52 1.27 0.00	26.58 1.34 0.00	24.50 1.32 0.00	22.33 1.20 0.00	24.94 1.26 0.00	26.03 1.17 0.00	27.22 1.10 0.00	28.19 1.11 0.00	28.09 1.16 0.00	28.55 1.26 0.00	28.94 1.27 0.00	28.29 1.35 0.00	28.04 1.36 0.00	26.83 1.37 0.00	26.71 1.42 0.00	27.37 1.45 0.00	29.33 1.40 0.00	33.61 1.63 0.00	39.30 1.84 0.00	44.51 1.83 0.00	47.49 1.96 0.00	41.39 1.59 0.00	33.91 1.46 0.00	29.16 1.36 0.00

E179THST_13_KV_LOAD 356214	31.64 1.39 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.11 1.24 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.44 1.51 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.68 2.01 0.00	47.72 2.19 0.00	41.55 1.75 0.00	34.04 1.59 0.00	29.24 1.45 0.00
EAST HAMPTON___GT 23717	35.05 2.30 -2.50	29.91 2.12 -2.55	27.58 2.13 -2.26	24.48 2.07 -1.29	26.67 2.27 -0.71	28.86 2.24 -1.75	30.18 2.14 -1.92	30.90 2.03 -1.79	31.38 2.07 -2.38	31.59 1.97 -2.33	31.52 1.69 -2.16	30.07 1.51 -1.61	29.79 1.47 -1.65	28.74 1.37 -1.91	29.06 1.44 -2.33	29.68 1.50 -2.26	32.77 1.56 -3.28	36.65 2.27 -2.39	42.84 3.11 -2.27	47.84 3.54 -1.62	51.25 3.87 -1.85	44.58 3.02 -1.76	36.97 2.47 -2.05	32.00 2.25 -1.96
EAST RIVER___6 23660	31.67 1.42 0.00	26.70 1.46 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.15 1.47 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.47 1.54 0.00	33.80 1.82 0.00	39.56 2.10 0.00	44.81 2.13 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.07 1.62 0.00	29.13 1.33 0.00
EAST RIVER___7 23524	31.67 1.42 0.00	26.70 1.46 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.15 1.47 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.47 1.54 0.00	33.80 1.82 0.00	39.56 2.10 0.00	44.81 2.13 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.07 1.62 0.00	29.13 1.33 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.55 1.30 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.08 1.22 0.00	27.22 1.10 0.00	28.19 1.11 0.00	28.06 1.13 0.00	28.49 1.20 0.00	28.92 1.25 0.00	28.24 1.29 0.00	27.96 1.28 0.00	26.73 1.27 0.00	26.61 1.32 0.00	27.27 1.35 0.00	29.27 1.34 0.00	33.58 1.60 0.00	39.30 1.84 0.00	44.59 1.92 0.00	47.62 2.09 0.00	41.47 1.67 0.00	33.94 1.49 0.00	29.10 1.31 0.00
EAST_HAMPTON___DIESEL 23722	34.99 2.24 -2.50	29.86 2.07 -2.55	27.53 2.09 -2.26	24.44 2.03 -1.29	26.64 2.25 -0.71	28.83 2.21 -1.75	30.15 2.11 -1.92	30.87 2.00 -1.79	31.33 2.02 -2.38	31.53 1.91 -2.33	31.43 1.60 -2.16	29.99 1.43 -1.61	29.71 1.39 -1.65	28.69 1.32 -1.91	28.99 1.36 -2.33	29.60 1.42 -2.26	32.72 1.51 -3.28	36.55 2.18 -2.39	42.76 3.03 -2.27	47.75 3.46 -1.62	51.16 3.78 -1.85	44.46 2.90 -1.76	36.91 2.40 -2.05	31.95 2.20 -1.96
EAST_POINT___SOLAR 323840	31.61 1.36 0.00	26.55 1.31 0.00	24.41 1.23 0.00	22.14 1.01 0.00	24.82 1.14 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.00 0.92 0.00	27.66 0.73 0.00	28.00 0.71 0.00	28.47 0.80 0.00	27.70 0.75 0.00	27.24 0.56 0.00	25.94 0.48 0.00	25.85 0.56 0.00	26.49 0.57 0.00	28.60 0.67 0.00	32.87 0.89 0.00	38.88 1.42 0.00	44.72 2.05 0.00	47.85 2.32 0.00	41.79 1.99 0.00	34.14 1.69 0.00	29.24 1.44 0.00
EAST_PULASKI___ESR 323781	29.22 -1.03 0.00	24.46 -0.78 0.00	22.49 -0.69 0.00	20.49 -0.63 0.00	22.92 -0.76 0.00	24.04 -0.82 0.00	25.23 -0.89 0.00	26.19 -0.89 0.00	26.04 -0.89 0.00	26.39 -0.90 0.00	26.81 -0.86 0.00	26.03 -0.92 0.00	25.77 -0.91 0.00	24.54 -0.92 0.00	24.40 -0.89 0.00	25.01 -0.91 0.00	27.01 -0.92 0.00	30.96 -1.02 0.00	36.30 -1.16 0.00	41.52 -1.15 0.00	44.39 -1.14 0.00	38.80 -0.99 0.00	31.48 -0.97 0.00	26.96 -0.83 0.00
EAST_RIVER___1 323558	31.70 1.45 0.00	26.73 1.49 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.06 1.37 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.11 1.44 0.00	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.83 1.54 0.00	27.48 1.56 0.00	29.50 1.56 0.00	33.83 1.85 0.00	39.60 2.13 0.00	44.81 2.13 0.00	47.90 2.37 0.00	41.71 1.91 0.00	34.11 1.65 0.00	29.16 1.36 0.00
EAST_RIVER___2 323559	31.67 1.42 0.00	26.70 1.46 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.15 1.47 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.47 1.54 0.00	33.80 1.82 0.00	39.56 2.10 0.00	44.81 2.13 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.07 1.62 0.00	29.13 1.33 0.00
EAST___DELAWARE_HYD 23607	31.33 1.09 0.00	26.38 1.14 0.00	24.25 1.07 0.00	22.08 0.95 0.00	24.70 1.02 0.00	25.91 1.04 0.00	26.96 0.84 0.00	27.89 0.81 0.00	27.73 0.81 0.00	28.09 0.79 0.00	28.47 0.80 0.00	27.84 0.89 0.00	27.56 0.88 0.00	26.35 0.89 0.00	26.20 0.91 0.00	26.88 0.96 0.00	28.94 1.00 0.00	33.19 1.21 0.00	38.96 1.50 0.00	44.13 1.45 0.00	47.30 1.77 0.00	41.15 1.35 0.00	33.72 1.26 0.00	28.83 1.03 0.00
EIGHT_POINT___WT_PWR 323820	28.13 -2.12 0.00	23.45 -1.79 0.00	21.70 -1.48 0.00	19.77 -1.35 0.00	22.02 -1.66 0.00	23.27 -1.59 0.00	24.40 -1.72 0.00	25.32 -1.76 0.00	25.34 -1.59 0.00	25.60 -1.69 0.00	26.01 -1.66 0.00	25.11 -1.83 0.00	24.86 -1.82 0.00	23.62 -1.83 0.00	23.47 -1.82 0.00	23.93 -2.00 0.00	25.87 -2.07 0.00	29.74 -2.24 0.00	35.06 -2.40 0.00	40.41 -2.26 0.00	43.25 -2.28 0.00	37.69 -2.11 0.00	30.44 -2.01 0.00	26.35 -1.45 0.00
ELBRIDGE_115KV_TB2 80188	29.04 -1.21 0.00	24.30 -0.93 0.00	22.39 -0.79 0.00	20.41 -0.72 0.00	22.78 -0.90 0.00	23.94 -0.92 0.00	25.13 -0.99 0.00	26.13 -0.95 0.00	26.04 -0.89 0.00	26.42 -0.87 0.00	26.79 -0.89 0.00	26.00 -0.94 0.00	25.77 -0.91 0.00	24.57 -0.89 0.00	24.46 -0.83 0.00	25.07 -0.86 0.00	27.07 -0.87 0.00	30.99 -0.99 0.00	36.26 -1.20 0.00	41.35 -1.32 0.00	44.21 -1.32 0.00	38.60 -1.19 0.00	31.28 -1.17 0.00	26.80 -1.00 0.00
ELEC_TRO_TEK 24086	55.96 1.72 -23.98	48.51 1.74 -21.53	44.03 1.72 -19.13	33.47 1.56 -10.78	31.24 1.66 -5.90	41.36 1.67 -14.83	43.88 1.57 -16.20	43.80 1.60 -15.12	48.46 1.56 -19.97	48.47 1.61 -19.56	50.69 1.63 -21.39	42.28 1.70 -13.63	42.30 1.68 -13.94	43.82 1.65 -16.70	49.34 1.67 -22.38	49.71 1.71 -22.07	67.45 1.70 -37.82	54.14 2.05 -20.11	58.83 2.32 -19.05	58.73 2.43 -13.62	63.70 2.64 -15.53	56.71 2.15 -14.77	51.63 1.95 -17.23	48.03 1.67 -18.57
ELLENBURG_WT_PWR 323604	30.79 0.55 0.00	25.42 0.18 0.00	23.18 0.00 0.00	21.17 0.04 0.00	23.78 0.10 0.00	24.96 0.10 0.00	26.41 0.29 0.00	27.38 0.30 0.00	27.22 0.30 0.00	27.59 0.30 0.00	27.95 0.28 0.00	27.16 0.21 0.00	26.92 0.24 0.00	25.64 0.18 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.15 0.22 0.00	32.17 0.19 0.00	37.65 0.19 0.00	43.01 0.34 0.00	45.76 0.23 0.00	40.28 0.48 0.00	32.81 0.36 0.00	27.99 0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.62 -2.63 0.00	22.89 -2.35 0.00	21.26 -1.92 0.00	19.39 -1.73 0.00	21.46 -2.23 0.00	22.73 -2.14 0.00	23.72 -2.40 0.00	24.48 -2.60 0.00	24.53 -2.40 0.00	24.67 -2.62 0.00	25.12 -2.55 0.00	24.31 -2.64 0.00	24.20 -2.48 0.00	23.06 -2.39 0.00	22.94 -2.35 0.00	23.41 -2.51 0.00	25.28 -2.65 0.00	29.01 -2.97 0.00	34.05 -3.41 0.00	39.09 -3.58 0.00	41.84 -3.69 0.00	36.33 -3.46 0.00	29.34 -3.12 0.00	25.46 -2.33 0.00
EMPIRE_CC_1 323656	30.49 0.24 0.00	25.67 0.43 0.00	23.74 0.56 0.00	21.61 0.49 0.00	24.06 0.38 0.00	25.24 0.37 0.00	26.41 0.29 0.00	27.35 0.27 0.00	27.09 0.16 0.00	27.49 0.19 0.00	27.78 0.11 0.00	27.11 0.16 0.00	26.81 0.13 0.00	25.64 0.18 0.00	25.39 0.10 0.00	26.05 0.13 0.00	28.02 0.08 0.00	32.11 0.13 0.00	37.57 0.11 0.00	42.76 0.09 0.00	45.62 0.09 0.00	39.84 0.04 0.00	32.58 0.13 0.00	28.05 0.25 0.00
EMPIRE_CC_2 323658	30.49 0.24 0.00	25.67 0.43 0.00	23.74 0.56 0.00	21.61 0.49 0.00	24.06 0.38 0.00	25.24 0.37 0.00	26.41 0.29 0.00	27.35 0.27 0.00	27.09 0.16 0.00	27.49 0.19 0.00	27.78 0.11 0.00	27.11 0.16 0.00	26.81 0.13 0.00	25.64 0.18 0.00	25.39 0.10 0.00	26.05 0.13 0.00	28.02 0.08 0.00	32.11 0.13 0.00	37.57 0.11 0.00	42.76 0.09 0.00	45.62 0.09 0.00	39.84 0.04 0.00	32.58 0.13 0.00	28.05 0.25 0.00
ENORWICH_115KV_TB1 80156	31.19 0.94 0.00	26.22 0.98 0.00	24.11 0.93 0.00	21.99 0.87 0.00	24.58 0.90 0.00	25.88 1.02 0.00	27.17 1.04 0.00	28.16 1.08 0.00	28.03 1.10 0.00	28.22 0.93 0.00	28.69 1.02 0.00	27.89 0.94 0.00	27.40 0.72 0.00	26.09 0.64 0.00	26.00 0.71 0.00	26.65 0.73 0.00	28.88 0.95 0.00	33.13 1.15 0.00	39.11 1.65 0.00	44.89 2.22 0.00	48.22 2.69 0.00	42.07 2.27 0.00	33.91 1.46 0.00	28.91 1.11 0.00
ERIE_ST__34_KV_TB1-2 80199	27.89 -2.36 0.00	23.14 -2.09 0.00	21.51 -1.67 0.00	19.60 -1.52 0.00	21.72 -1.97 0.00	22.97 -1.89 0.00	23.98 -2.14 0.00	24.73 -2.36 0.00	24.75 -2.18 0.00	24.92 -2.37 0.00	25.37 -2.30 0.00	24.55 -2.40 0.00	24.44 -2.24 0.00	23.27 -2.19 0.00	23.14 -2.15 0.00	23.61 -2.31 0.00	25.47 -2.46 0.00	29.26 -2.72 0.00	34.35 -3.11 0.00	39.52 -3.16 0.00	42.30 -3.23 0.00	36.69 -3.10 0.00	29.63 -2.82 0.00	25.77 -2.03 0.00
ERIE_WT_PWR 323693	27.71 -2.54 0.00	22.99 -2.25 0.00	21.37 -1.81 0.00	19.48 -1.65 0.00	21.57 -2.11 0.00	22.83 -2.04 0.00	23.82 -2.30 0.00	24.59 -2.49 0.00	24.58 -2.34 0.00	24.78 -2.51 0.00	25.24 -2.44 0.00	24.41 -2.53 0.00	24.30 -2.37 0.00	23.14 -2.32 0.00	23.01 -2.28 0.00	23.48 -2.44 0.00	25.31 -2.63 0.00	29.10 -2.88 0.00	34.20 -3.26 0.00	39.43 -3.24 0.00	42.02 -3.50 0.00	36.49 -3.30 0.00	29.56 -2.89 0.00	25.88 -1.92 0.00
ESPRGFLD_115KV_TB1 80157	31.00 0.76 0.00	26.02 0.78 0.00	23.92 0.74 0.00	21.78 0.65 0.00	24.37 0.69 0.00	25.59 0.72 0.00	26.77 0.65 0.00	27.70 0.62 0.00	27.52 0.59 0.00	27.87 0.57 0.00	28.36 0.69 0.00	27.59 0.65 0.00	27.21 0.53 0.00	25.94 0.48 0.00	25.82 0.53 0.00	26.44 0.52 0.00	28.52 0.59 0.00	32.68 0.70 0.00	38.51 1.05 0.00	44.08 1.41 0.00	47.12 1.59 0.00	41.11 1.31 0.00	33.46 1.01 0.00	28.63 0.83 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.98 -0.27 0.00	25.11 -0.13 0.00	23.16 -0.02 0.00	21.10 -0.02 0.00	23.54 -0.14 0.00	24.74 -0.12 0.00	25.96 -0.16 0.00	26.97 -0.11 0.00	26.90 -0.03 0.00	27.21 -0.08 0.00	27.59 -0.08 0.00	26.79 -0.16 0.00	26.49 -0.19 0.00	25.23 -0.23 0.00	25.14 -0.15 0.00	25.77 -0.16 0.00	27.85 -0.08 0.00	31.92 -0.06 0.00	37.46 0.00 0.00	42.84 0.17 0.00	45.80 0.27 0.00	39.96 0.16 0.00	32.35 -0.10 0.00	27.69 -0.11 0.00
ETNA____115KV_TB2 80207	29.98 -0.27 0.00	25.11 -0.13 0.00	23.16 -0.02 0.00	21.10 -0.02 0.00	23.54 -0.14 0.00	24.74 -0.12 0.00	25.96 -0.16 0.00	26.97 -0.11 0.00	26.90 -0.03 0.00	27.21 -0.08 0.00	27.59 -0.08 0.00	26.79 -0.16 0.00	26.49 -0.19 0.00	25.23 -0.23 0.00	25.14 -0.15 0.00	25.77 -0.16 0.00	27.85 -0.08 0.00	31.92 -0.06 0.00	37.46 0.00 0.00	42.84 0.17 0.00	45.80 0.27 0.00	39.96 0.16 0.00	32.35 -0.10 0.00	27.69 -0.11 0.00
EUCLID__115KV_TB2 356179	29.22 -1.03 0.00	24.46 -0.78 0.00	22.53 -0.65 0.00	20.53 -0.59 0.00	22.95 -0.73 0.00	24.09 -0.77 0.00	25.29 -0.84 0.00	26.27 -0.81 0.00	26.17 -0.75 0.00	26.56 -0.74 0.00	26.92 -0.75 0.00	26.17 -0.78 0.00	25.93 -0.75 0.00	24.72 -0.74 0.00	24.61 -0.68 0.00	25.20 -0.73 0.00	27.21 -0.73 0.00	31.15 -0.83 0.00	36.41 -1.05 0.00	41.52 -1.15 0.00	44.35 -1.18 0.00	38.76 -1.03 0.00	31.48 -0.97 0.00	26.93 -0.86 0.00
E_CANADA_CAP_HY 24051	31.24 1.00 0.00	26.25 1.01 0.00	24.13 0.95 0.00	21.91 0.78 0.00	24.53 0.85 0.00	25.78 0.92 0.00	26.88 0.76 0.00	27.78 0.70 0.00	27.52 0.59 0.00	27.84 0.55 0.00	28.36 0.69 0.00	27.59 0.65 0.00	27.19 0.51 0.00	25.92 0.46 0.00	25.77 0.48 0.00	26.41 0.49 0.00	28.44 0.50 0.00	32.68 0.70 0.00	38.55 1.09 0.00	44.17 1.49 0.00	47.22 1.69 0.00	41.23 1.43 0.00	33.68 1.23 0.00	28.85 1.06 0.00
E_CANADA_MHWK_HY 24050	30.37 0.12 0.00	25.42 0.18 0.00	23.36 0.18 0.00	21.29 0.17 0.00	23.85 0.17 0.00	25.04 0.18 0.00	26.31 0.18 0.00	27.27 0.19 0.00	27.12 0.19 0.00	27.49 0.19 0.00	27.87 0.20 0.00	27.11 0.16 0.00	26.79 0.11 0.00	25.51 0.05 0.00	25.34 0.05 0.00	25.95 0.03 0.00	27.96 0.03 0.00	32.04 0.06 0.00	37.61 0.15 0.00	42.93 0.26 0.00	45.89 0.36 0.00	40.08 0.28 0.00	32.68 0.23 0.00	27.99 0.20 0.00
E_FISHKILL__LBMP 23776	31.37 1.12 0.00	26.40 1.16 0.00	24.34 1.16 0.00	22.16 1.04 0.00	24.77 1.09 0.00	25.93 1.07 0.00	27.09 0.97 0.00	28.03 0.95 0.00	27.90 0.97 0.00	28.30 1.01 0.00	28.69 1.02 0.00	28.03 1.08 0.00	27.75 1.07 0.00	26.55 1.09 0.00	26.40 1.11 0.00	27.06 1.14 0.00	29.05 1.12 0.00	33.32 1.34 0.00	39.03 1.57 0.00	44.29 1.62 0.00	47.31 1.78 0.00	41.19 1.39 0.00	33.72 1.27 0.00	28.91 1.11 0.00
FALCON__SEABRD_CC1 323796	31.15 0.91 0.00	25.72 0.48 0.00	23.46 0.28 0.00	21.42 0.30 0.00	24.04 0.36 0.00	25.24 0.37 0.00	26.67 0.55 0.00	27.68 0.60 0.00	27.52 0.59 0.00	27.92 0.63 0.00	28.25 0.58 0.00	27.46 0.51 0.00	27.24 0.56 0.00	25.94 0.48 0.00	25.69 0.40 0.00	26.36 0.44 0.00	28.49 0.56 0.00	32.52 0.54 0.00	38.10 0.64 0.00	43.48 0.81 0.00	46.30 0.77 0.00	40.71 0.92 0.00	33.16 0.71 0.00	28.30 0.50 0.00
FALCON__SEABRD_CC2 323797	31.15 0.91 0.00	25.72 0.48 0.00	23.46 0.28 0.00	21.42 0.30 0.00	24.04 0.36 0.00	25.24 0.37 0.00	26.67 0.55 0.00	27.68 0.60 0.00	27.52 0.59 0.00	27.92 0.63 0.00	28.25 0.58 0.00	27.46 0.51 0.00	27.24 0.56 0.00	25.94 0.48 0.00	25.69 0.40 0.00	26.36 0.44 0.00	28.49 0.56 0.00	32.52 0.54 0.00	38.10 0.64 0.00	43.48 0.81 0.00	46.30 0.77 0.00	40.71 0.92 0.00	33.16 0.71 0.00	28.30 0.50 0.00

FAR ROCKAWAY___4 23548	80.50 2.09 -48.16	70.09 2.04 -42.81	63.22 1.99 -38.05	44.08 1.84 -21.12	36.99 1.97 -11.34	56.33 1.96 -29.50	60.21 1.88 -32.21	59.04 1.90 -30.06	68.46 1.86 -39.68	68.07 1.91 -38.86	72.67 1.94 -43.06	56.08 2.02 -27.11	56.40 2.00 -27.71	60.73 1.96 -33.31	72.22 1.97 -44.96	72.35 2.02 -44.40	106.88 2.04 -76.91	74.37 2.43 -39.96	78.11 2.81 -37.84	72.77 3.03 -27.06	79.65 3.28 -30.84	71.83 2.71 -29.33	69.05 2.37 -34.23	67.06 2.00 -37.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.69 1.45 0.01	26.70 1.46 0.00	24.62 1.44 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.07 1.41 0.01	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.50 1.58 0.01	29.45 1.54 0.02	33.80 1.82 0.00	39.56 2.10 0.00	44.85 2.18 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.14 1.69 0.00	29.24 1.45 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.70 1.45 0.00	26.73 1.49 0.00	24.62 1.44 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.08 1.41 0.00	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.50 1.58 0.00	29.47 1.54 0.00	33.80 1.82 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.90 2.37 0.00	41.67 1.87 0.00	34.14 1.69 0.00	29.24 1.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.70 1.45 0.00	26.70 1.46 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.08 1.41 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.44 1.51 0.00	33.80 1.82 0.00	39.56 2.10 0.00	44.81 2.13 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.11 1.66 0.00	29.21 1.42 0.00
FARRAGUT___LBMP 323566	31.67 1.42 0.00	26.70 1.46 0.00	24.59 1.41 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.18 1.32 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.12 1.44 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.44 1.51 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.81 2.13 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.11 1.66 0.00	29.21 1.42 0.00
FENNER___WINDPWR 24204	30.25 0.00 0.00	25.34 0.10 0.00	23.32 0.14 0.00	21.23 0.11 0.00	23.75 0.07 0.00	24.96 0.10 0.00	26.20 0.08 0.00	27.16 0.08 0.00	27.04 0.11 0.00	27.35 0.05 0.00	27.78 0.11 0.00	27.00 0.05 0.00	26.71 0.03 0.00	25.43 -0.03 0.00	25.32 0.03 0.00	25.95 0.03 0.00	28.02 0.08 0.00	32.08 0.10 0.00	37.65 0.19 0.00	42.97 0.30 0.00	45.94 0.41 0.00	40.11 0.32 0.00	32.55 0.10 0.00	27.88 0.08 0.00
FIBERTEK___ENERGY 23856	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.60 -0.53 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.60 -0.86 0.00	41.73 -0.94 0.00	44.62 -0.91 0.00	38.96 -0.84 0.00	31.58 -0.88 0.00	27.02 -0.78 0.00
FITZPATRICK___ 23598	28.74 -1.51 0.00	24.03 -1.21 0.00	22.11 -1.07 0.00	20.15 -0.97 0.00	22.52 -1.16 0.00	23.67 -1.19 0.00	24.84 -1.28 0.00	25.78 -1.30 0.00	25.69 -1.24 0.00	26.04 -1.26 0.00	26.40 -1.27 0.00	25.65 -1.29 0.00	25.43 -1.25 0.00	24.24 -1.22 0.00	24.13 -1.16 0.00	24.70 -1.22 0.00	26.65 -1.28 0.00	30.51 -1.47 0.00	35.74 -1.72 0.00	40.75 -1.92 0.00	43.53 -2.00 0.00	37.97 -1.83 0.00	30.86 -1.59 0.00	26.49 -1.31 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.64 1.39 0.00	26.63 1.39 0.00	24.50 1.32 0.00	22.31 1.18 0.00	24.94 1.26 0.00	26.13 1.27 0.00	27.22 1.10 0.00	28.16 1.08 0.00	28.01 1.08 0.00	28.39 1.09 0.00	28.78 1.11 0.00	28.13 1.19 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.50 1.21 0.00	27.17 1.24 0.00	29.22 1.28 0.00	33.51 1.54 0.00	39.30 1.84 0.00	44.55 1.88 0.00	47.67 2.14 0.00	41.47 1.67 0.00	33.98 1.53 0.00	29.13 1.33 0.00
FORT ORANGE___ 23900	30.49 0.24 0.00	25.64 0.40 0.00	23.67 0.49 0.00	21.53 0.40 0.00	24.04 0.36 0.00	25.24 0.37 0.00	26.41 0.29 0.00	27.32 0.24 0.00	27.09 0.16 0.00	27.46 0.16 0.00	27.78 0.11 0.00	27.11 0.16 0.00	26.79 0.11 0.00	25.61 0.15 0.00	25.39 0.10 0.00	26.05 0.13 0.00	28.07 0.14 0.00	32.17 0.19 0.00	37.65 0.19 0.00	42.84 0.17 0.00	45.67 0.14 0.00	39.88 0.08 0.00	32.71 0.26 0.00	28.10 0.31 0.00
FORT_DRUM_COGEN 23780	30.04 -0.21 0.00	25.11 -0.13 0.00	22.99 -0.19 0.00	20.96 -0.17 0.00	23.49 -0.19 0.00	24.67 -0.20 0.00	25.94 -0.18 0.00	26.86 -0.22 0.00	26.55 -0.38 0.00	26.75 -0.55 0.00	27.17 -0.50 0.00	26.38 -0.57 0.00	26.01 -0.67 0.00	24.74 -0.71 0.00	24.58 -0.71 0.00	25.25 -0.67 0.00	27.37 -0.56 0.00	31.44 -0.54 0.00	37.12 -0.34 0.00	42.67 0.00 0.00	45.71 0.18 0.00	40.12 0.32 0.00	32.42 -0.03 0.00	27.57 -0.22 0.00
FOX_HILLS___ESR 323835	31.86 1.60 -0.01	26.88 1.64 0.00	24.73 1.55 0.00	22.54 1.42 0.00	25.17 1.49 0.00	26.26 1.39 0.00	27.43 1.31 0.00	28.44 1.35 0.00	28.33 1.40 0.00	28.79 1.50 0.00	29.19 1.52 0.00	28.54 1.59 0.00	28.28 1.60 0.00	27.06 1.60 0.00	26.93 1.62 -0.02	27.60 1.66 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.54 2.06 -0.02	44.83 2.13 -0.02	47.83 2.28 -0.02	41.81 1.99 -0.02	34.26 1.78 -0.02	29.46 1.67 0.00
FPL_FAR_ROCK_GT1 24212	80.49 2.09 -48.16	70.09 2.04 -42.81	63.22 1.99 -38.05	44.08 1.84 -21.12	36.99 1.96 -11.34	56.33 1.96 -29.50	60.21 1.88 -32.21	59.04 1.90 -30.06	68.46 1.86 -39.68	68.07 1.91 -38.86	72.67 1.94 -43.06	56.08 2.02 -27.11	56.40 2.00 -27.71	60.73 1.96 -33.31	72.22 1.97 -44.96	72.35 2.02 -44.40	106.88 2.04 -76.91	74.40 2.46 -39.96	78.11 2.81 -37.84	72.77 3.03 -27.06	79.65 3.28 -30.84	71.83 2.71 -29.33	69.09 2.40 -34.23	66.97 1.92 -37.26
FPL_FAR_ROCK_GT2 23815	80.49 2.09 -48.16	70.09 2.04 -42.81	63.22 1.99 -38.05	44.08 1.84 -21.12	36.99 1.96 -11.34	56.33 1.96 -29.50	60.21 1.88 -32.21	59.04 1.90 -30.06	68.46 1.86 -39.68	68.07 1.91 -38.86	72.67 1.94 -43.06	56.08 2.02 -27.11	56.40 2.00 -27.71	60.73 1.96 -33.31	72.22 1.97 -44.96	72.35 2.02 -44.40	106.88 2.04 -76.91	74.40 2.46 -39.96	78.11 2.81 -37.84	72.77 3.03 -27.06	79.65 3.28 -30.84	71.83 2.71 -29.33	69.09 2.40 -34.23	66.97 1.92 -37.26
FRANKLIN_FALL_HYD 24054	31.03 0.79 0.00	25.54 0.30 0.00	23.27 0.09 0.00	21.27 0.15 0.00	23.87 0.19 0.00	25.09 0.22 0.00	26.57 0.44 0.00	27.57 0.49 0.00	27.44 0.51 0.00	27.81 0.52 0.00	28.17 0.50 0.00	27.32 0.38 0.00	27.13 0.45 0.00	25.81 0.36 0.00	25.57 0.28 0.00	26.26 0.34 0.00	28.41 0.47 0.00	32.43 0.45 0.00	37.95 0.49 0.00	43.40 0.73 0.00	46.08 0.55 0.00	40.63 0.84 0.00	33.07 0.62 0.00	28.16 0.36 0.00



FREEPORT_EQUS_GT1 23764	51.20 1.96 -18.99	44.20 1.92 -17.05	40.20 1.88 -15.15	31.54 1.71 -8.71	30.40 1.82 -4.89	38.45 1.84 -11.74	40.69 1.75 -12.82	40.81 1.76 -11.97	44.49 1.75 -15.81	44.58 1.80 -15.49	46.43 1.83 -16.93	39.60 1.86 -10.79	39.58 1.87 -11.03	40.51 1.83 -13.22	44.85 1.85 -17.72	45.29 1.89 -17.48	59.80 1.93 -29.94	50.21 2.30 -15.92	55.16 2.62 -15.08	56.27 2.82 -10.79	60.87 3.05 -12.29	53.99 2.51 -11.69	48.33 2.24 -13.64	44.33 1.83 -14.70
FREEPORT___CT2 23818	51.20 1.96 -18.99	44.20 1.92 -17.05	40.20 1.88 -15.15	31.54 1.71 -8.71	30.40 1.82 -4.89	38.45 1.84 -11.74	40.69 1.75 -12.82	40.81 1.76 -11.97	44.49 1.75 -15.81	44.58 1.80 -15.49	46.43 1.83 -16.93	39.60 1.86 -10.79	39.58 1.87 -11.03	40.51 1.83 -13.22	44.85 1.85 -17.72	45.29 1.89 -17.48	59.80 1.93 -29.94	50.21 2.30 -15.92	55.16 2.62 -15.08	56.27 2.82 -10.79	60.87 3.05 -12.29	53.99 2.51 -11.69	48.33 2.24 -13.64	44.33 1.83 -14.70
FRESHKLS_33_KV_LOAD 356253	31.95 1.69 -0.01	26.98 1.74 0.00	24.83 1.65 0.00	22.63 1.50 0.00	25.27 1.59 0.00	26.33 1.47 0.00	27.51 1.38 0.00	28.49 1.41 0.00	28.38 1.45 0.00	28.85 1.56 0.00	29.25 1.58 0.00	28.59 1.64 0.00	28.33 1.65 0.00	27.11 1.65 0.00	26.98 1.67 -0.02	27.63 1.68 -0.02	29.63 1.68 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.89 2.07 -0.02	34.35 1.88 -0.02	29.58 1.78 0.00
FULTON COGEN____ 23766	28.89 -1.36 0.00	24.20 -1.03 0.00	22.28 -0.90 0.00	20.30 -0.82 0.00	22.69 -0.99 0.00	23.82 -1.04 0.00	25.00 -1.12 0.00	25.97 -1.11 0.00	25.90 -1.02 0.00	26.28 -1.01 0.00	26.67 -1.00 0.00	25.90 -1.05 0.00	25.64 -1.04 0.00	24.44 -1.02 0.00	24.33 -0.96 0.00	24.94 -0.99 0.00	26.93 -1.01 0.00	30.80 -1.18 0.00	36.04 -1.42 0.00	41.14 -1.54 0.00	43.94 -1.59 0.00	38.36 -1.43 0.00	31.12 -1.33 0.00	26.63 -1.17 0.00
FULTON___LFGE 323630	31.43 1.18 0.00	26.40 1.16 0.00	24.25 1.07 0.00	22.01 0.89 0.00	24.68 0.99 0.00	25.93 1.07 0.00	27.09 0.97 0.00	28.00 0.92 0.00	27.73 0.81 0.00	28.09 0.79 0.00	28.50 0.83 0.00	27.76 0.81 0.00	27.35 0.67 0.00	26.07 0.61 0.00	25.90 0.61 0.00	26.57 0.65 0.00	28.66 0.73 0.00	32.91 0.93 0.00	38.81 1.35 0.00	44.42 1.75 0.00	47.49 1.96 0.00	41.47 1.67 0.00	33.85 1.39 0.00	29.02 1.22 0.00
G.F.CEMENT___DRP 24184	31.52 1.27 0.00	26.53 1.29 0.00	24.41 1.23 0.00	21.99 0.87 0.00	24.63 0.95 0.00	25.88 1.02 0.00	27.06 0.94 0.00	28.03 0.95 0.00	27.79 0.86 0.00	28.17 0.87 0.00	28.56 0.89 0.00	27.81 0.86 0.00	27.45 0.77 0.00	26.20 0.74 0.00	25.97 0.68 0.00	26.60 0.67 0.00	28.74 0.81 0.00	32.94 0.96 0.00	38.73 1.27 0.00	44.21 1.54 0.00	47.17 1.64 0.00	41.19 1.39 0.00	33.62 1.17 0.00	28.85 1.06 0.00
GARDENVILLE___LBMP 24039	27.62 -2.63 0.00	22.92 -2.32 0.00	21.28 -1.90 0.00	19.41 -1.71 0.00	21.48 -2.20 0.00	22.75 -2.11 0.00	23.77 -2.35 0.00	24.54 -2.55 0.00	24.59 -2.34 0.00	24.76 -2.54 0.00	25.18 -2.49 0.00	24.36 -2.59 0.00	24.25 -2.43 0.00	23.12 -2.34 0.00	22.96 -2.33 0.00	23.43 -2.49 0.00	25.31 -2.63 0.00	29.04 -2.94 0.00	34.09 -3.37 0.00	39.17 -3.50 0.00	41.93 -3.60 0.00	36.41 -3.38 0.00	29.40 -3.05 0.00	25.54 -2.25 0.00
GARDNVLA_35_KV_LD 355827	27.77 -2.48 0.00	23.02 -2.22 0.00	21.37 -1.81 0.00	19.50 -1.63 0.00	21.57 -2.11 0.00	22.85 -2.01 0.00	23.85 -2.27 0.00	24.62 -2.46 0.00	24.67 -2.26 0.00	24.84 -2.46 0.00	25.29 -2.38 0.00	24.47 -2.48 0.00	24.36 -2.32 0.00	23.19 -2.27 0.00	23.07 -2.23 0.00	23.54 -2.38 0.00	25.42 -2.51 0.00	29.17 -2.81 0.00	34.24 -3.22 0.00	39.30 -3.37 0.00	42.07 -3.46 0.00	36.53 -3.26 0.00	29.50 -2.95 0.00	25.63 -2.17 0.00
GELCKHM___115KV_LOAD 80723	29.25 -1.00 0.00	24.48 -0.76 0.00	22.55 -0.63 0.00	20.56 -0.57 0.00	22.97 -0.71 0.00	24.12 -0.75 0.00	25.31 -0.81 0.00	26.30 -0.79 0.00	26.23 -0.70 0.00	26.58 -0.71 0.00	26.98 -0.69 0.00	26.22 -0.73 0.00	25.96 -0.72 0.00	24.74 -0.71 0.00	24.66 -0.63 0.00	25.25 -0.67 0.00	27.26 -0.67 0.00	31.18 -0.80 0.00	36.49 -0.97 0.00	41.61 -1.07 0.00	44.44 -1.09 0.00	38.84 -0.96 0.00	31.51 -0.94 0.00	26.96 -0.83 0.00
GENERAL___MILLS 23808	27.71 -2.54 0.00	22.99 -2.25 0.00	21.35 -1.83 0.00	19.48 -1.65 0.00	21.55 -2.13 0.00	22.83 -2.04 0.00	23.82 -2.30 0.00	24.59 -2.49 0.00	24.61 -2.32 0.00	24.78 -2.51 0.00	25.24 -2.44 0.00	24.41 -2.53 0.00	24.31 -2.37 0.00	23.17 -2.29 0.00	23.04 -2.25 0.00	23.48 -2.44 0.00	25.36 -2.57 0.00	29.13 -2.85 0.00	34.20 -3.26 0.00	39.26 -3.41 0.00	42.02 -3.51 0.00	36.49 -3.30 0.00	29.47 -2.99 0.00	25.60 -2.20 0.00
GE_PLASTICS___DRP 24183	30.46 0.21 0.00	25.62 0.38 0.00	23.62 0.44 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.21 0.35 0.00	26.38 0.26 0.00	27.30 0.22 0.00	27.09 0.16 0.00	27.46 0.16 0.00	27.84 0.17 0.00	27.14 0.19 0.00	26.84 0.16 0.00	25.64 0.18 0.00	25.44 0.15 0.00	26.10 0.18 0.00	28.10 0.17 0.00	32.17 0.19 0.00	37.65 0.19 0.00	42.84 0.17 0.00	45.71 0.18 0.00	39.92 0.12 0.00	32.68 0.23 0.00	28.07 0.28 0.00
GILBOA___1 23756	30.61 0.36 0.00	25.69 0.45 0.00	23.76 0.58 0.00	21.63 0.51 0.00	24.18 0.50 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.41 0.33 0.00	27.22 0.30 0.00	27.62 0.33 0.00	28.00 0.33 0.00	27.30 0.35 0.00	27.03 0.35 0.00	25.79 0.33 0.00	25.64 0.35 0.00	26.28 0.36 0.00	28.27 0.34 0.00	32.39 0.41 0.00	37.95 0.49 0.00	43.10 0.43 0.00	45.99 0.46 0.00	40.19 0.40 0.00	32.84 0.39 0.00	28.16 0.36 0.00
GILBOA___2 23757	30.61 0.36 0.00	25.69 0.45 0.00	23.76 0.58 0.00	21.63 0.51 0.00	24.18 0.50 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.41 0.33 0.00	27.22 0.30 0.00	27.62 0.33 0.00	28.00 0.33 0.00	27.30 0.35 0.00	27.03 0.35 0.00	25.79 0.33 0.00	25.64 0.35 0.00	26.28 0.36 0.00	28.27 0.34 0.00	32.39 0.41 0.00	37.95 0.49 0.00	43.10 0.43 0.00	45.99 0.46 0.00	40.19 0.40 0.00	32.84 0.39 0.00	28.16 0.36 0.00
GILBOA___3 23758	30.61 0.36 0.00	25.69 0.45 0.00	23.76 0.58 0.00	21.63 0.51 0.00	24.18 0.50 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.41 0.33 0.00	27.22 0.30 0.00	27.62 0.33 0.00	28.00 0.33 0.00	27.30 0.35 0.00	27.03 0.35 0.00	25.79 0.33 0.00	25.64 0.35 0.00	26.28 0.36 0.00	28.27 0.34 0.00	32.39 0.41 0.00	37.95 0.49 0.00	43.10 0.43 0.00	45.99 0.46 0.00	40.19 0.40 0.00	32.84 0.39 0.00	28.16 0.36 0.00
GILBOA___4 23759	30.61 0.36 0.00	25.69 0.45 0.00	23.76 0.58 0.00	21.63 0.51 0.00	24.18 0.50 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.41 0.33 0.00	27.22 0.30 0.00	27.62 0.33 0.00	28.00 0.33 0.00	27.30 0.35 0.00	27.03 0.35 0.00	25.79 0.33 0.00	25.64 0.35 0.00	26.28 0.36 0.00	28.27 0.34 0.00	32.39 0.41 0.00	37.95 0.49 0.00	43.10 0.43 0.00	45.99 0.46 0.00	40.19 0.40 0.00	32.84 0.39 0.00	28.16 0.36 0.00

GILBOA____ 23599	30.61 0.36 0.00	25.69 0.45 0.00	23.76 0.58 0.00	21.63 0.51 0.00	24.18 0.50 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.41 0.32 0.00	27.22 0.30 0.00	27.62 0.33 0.00	28.00 0.33 0.00	27.30 0.35 0.00	27.03 0.35 0.00	25.79 0.33 0.00	25.64 0.35 0.00	26.28 0.36 0.00	28.27 0.34 0.00	32.40 0.42 0.00	37.95 0.49 0.00	43.19 0.51 0.00	45.99 0.46 0.00	40.19 0.40 0.00	32.84 0.39 0.00	28.19 0.39 0.00
GINNA____ 23603	27.28 -2.96 0.00	22.72 -2.52 0.00	20.95 -2.23 0.00	19.14 -1.99 0.00	21.31 -2.37 0.00	22.45 -2.41 0.00	23.48 -2.64 0.00	24.45 -2.63 0.00	24.37 -2.56 0.00	24.70 -2.59 0.00	25.07 -2.60 0.00	24.36 -2.59 0.00	24.20 -2.48 0.00	23.06 -2.39 0.00	22.94 -2.35 0.00	23.46 -2.46 0.00	25.47 -2.46 0.00	29.13 -2.85 0.00	34.13 -3.33 0.00	39.17 -3.50 0.00	41.80 -3.73 0.00	36.45 -3.34 0.00	29.30 -3.15 0.00	25.29 -2.50 0.00
GLEN PARK____ 23778	30.07 -0.18 0.00	25.16 -0.08 0.00	23.04 -0.14 0.00	21.00 -0.13 0.00	23.54 -0.14 0.00	24.72 -0.15 0.00	25.99 -0.13 0.00	26.89 -0.19 0.00	26.58 -0.35 0.00	26.77 -0.52 0.00	27.20 -0.47 0.00	26.38 -0.57 0.00	26.04 -0.64 0.00	24.74 -0.71 0.00	24.58 -0.71 0.00	25.25 -0.67 0.00	27.43 -0.50 0.00	31.50 -0.48 0.00	37.24 -0.22 0.00	42.84 0.17 0.00	45.89 0.36 0.00	40.24 0.44 0.00	32.52 0.07 0.00	27.66 -0.14 0.00
GLENDALE_27_KV_LOAD 356172	31.76 1.51 0.00	26.78 1.54 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.21 1.34 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.91 1.62 0.00	27.58 1.66 0.00	29.55 1.62 0.00	33.87 1.89 0.00	39.63 2.17 0.00	44.89 2.22 0.00	47.90 2.37 0.00	41.75 1.95 0.00	34.17 1.72 0.00	29.35 1.56 0.00
GLENWOOD_IC_1_G5 23712	47.83 1.72 -15.85	41.18 1.72 -14.22	37.49 1.67 -12.64	29.86 1.50 -7.24	29.31 1.59 -4.04	36.25 1.59 -9.80	38.33 1.52 -10.70	38.58 1.52 -9.98	41.67 1.53 -13.20	41.81 1.58 -12.93	43.44 1.63 -14.14	37.62 1.67 -9.00	37.56 1.68 -9.20	38.14 1.65 -11.03	41.77 1.69 -14.78	42.24 1.74 -14.58	54.66 1.73 -25.00	47.23 1.95 -13.30	52.26 2.21 -12.59	54.03 2.35 -9.01	58.34 2.55 -10.27	51.63 2.07 -9.76	45.69 1.85 -11.39	41.74 1.67 -12.28
GLENWOOD_IC_2_G1 23688	32.22 1.54 -0.43	27.17 1.54 -0.39	25.03 1.51 -0.34	22.69 1.37 -0.19	25.23 1.44 -0.11	26.57 1.44 -0.27	27.74 1.33 -0.29	28.71 1.35 -0.27	28.66 1.37 -0.36	29.06 1.42 -0.35	29.52 1.47 -0.39	28.70 1.51 -0.24	28.42 1.49 -0.25	27.26 1.50 -0.30	27.21 1.52 -0.40	27.87 1.56 -0.40	30.18 1.56 -0.68	34.20 1.85 -0.36	39.90 2.10 -0.34	45.09 2.18 -0.25	48.22 2.41 -0.28	42.01 1.95 -0.27	34.51 1.75 -0.31	29.58 1.44 -0.33
GLENWOOD_IC_3_G1 23689	32.22 1.54 -0.43	27.17 1.54 -0.39	25.03 1.51 -0.34	22.69 1.37 -0.19	25.23 1.44 -0.11	26.57 1.44 -0.27	27.74 1.33 -0.29	28.71 1.35 -0.27	28.66 1.37 -0.36	29.06 1.42 -0.35	29.52 1.47 -0.39	28.70 1.51 -0.24	28.42 1.49 -0.25	27.26 1.50 -0.30	27.21 1.52 -0.40	27.87 1.56 -0.40	30.18 1.56 -0.68	34.20 1.85 -0.36	39.90 2.10 -0.34	45.09 2.18 -0.25	48.22 2.41 -0.28	42.01 1.95 -0.27	34.51 1.75 -0.31	29.58 1.44 -0.33
GLENWOOD____4 23550	47.83 1.72 -15.85	41.18 1.72 -14.22	37.49 1.67 -12.64	29.86 1.50 -7.24	29.31 1.59 -4.04	36.25 1.59 -9.80	38.33 1.52 -10.70	38.58 1.52 -9.98	41.67 1.53 -13.20	41.81 1.58 -12.93	43.44 1.63 -14.14	37.62 1.67 -9.00	37.56 1.68 -9.20	38.14 1.65 -11.03	41.77 1.69 -14.78	42.24 1.74 -14.58	54.66 1.73 -25.00	47.26 1.98 -13.30	52.34 2.29 -12.59	54.07 2.39 -9.01	58.39 2.60 -10.27	51.67 2.11 -9.76	45.73 1.88 -11.39	41.74 1.67 -12.28
GLENWOOD____5 23614	47.83 1.72 -15.85	41.18 1.72 -14.22	37.49 1.67 -12.64	29.86 1.50 -7.24	29.31 1.59 -4.04	36.25 1.59 -9.80	38.33 1.52 -10.70	38.58 1.52 -9.98	41.67 1.53 -13.20	41.81 1.58 -12.93	43.44 1.63 -14.14	37.62 1.67 -9.00	37.56 1.68 -9.20	38.14 1.65 -11.03	41.77 1.69 -14.78	42.24 1.74 -14.58	54.66 1.73 -25.00	47.26 1.98 -13.30	52.34 2.29 -12.59	54.07 2.39 -9.01	58.39 2.60 -10.27	51.67 2.11 -9.76	45.73 1.88 -11.39	41.74 1.67 -12.28
GLOBAL GREEN_PORT_GT1 23814	35.26 2.51 -2.50	30.06 2.27 -2.55	27.69 2.25 -2.27	24.57 2.16 -1.29	26.76 2.37 -0.71	28.96 2.34 -1.75	30.31 2.27 -1.92	31.06 2.19 -1.79	31.54 2.23 -2.38	31.78 2.16 -2.33	31.77 1.94 -2.16	30.34 1.78 -1.61	30.09 1.76 -1.65	29.02 1.65 -1.91	29.34 1.72 -2.33	29.97 1.79 -2.26	33.09 1.87 -3.28	36.96 2.59 -2.40	43.17 3.44 -2.27	48.18 3.88 -1.62	51.62 4.23 -1.85	44.90 3.34 -1.76	37.26 2.76 -2.05	32.17 2.42 -1.96
GLOBE____DSASP 323697	26.92 -3.33 0.00	22.36 -2.88 0.00	20.77 -2.41 0.00	18.97 -2.15 0.00	20.96 -2.72 0.00	22.20 -2.66 0.00	23.09 -3.03 0.00	23.80 -3.28 0.00	23.91 -3.02 0.00	24.02 -3.28 0.00	24.43 -3.24 0.00	23.66 -3.29 0.00	23.61 -3.07 0.00	22.50 -2.95 0.00	22.38 -2.91 0.00	22.86 -3.06 0.00	24.72 -3.21 0.00	28.30 -3.68 0.00	33.23 -4.23 0.00	38.02 -4.65 0.00	40.70 -4.83 0.00	35.34 -4.46 0.00	28.53 -3.93 0.00	24.74 -3.06 0.00
GOETHSLN____LBMP 323567	31.52 1.27 0.00	26.60 1.36 0.00	24.50 1.32 0.00	22.31 1.18 0.00	24.91 1.23 0.00	26.06 1.19 0.00	27.24 1.12 0.00	28.22 1.14 0.00	28.09 1.16 0.00	28.52 1.23 0.00	28.94 1.27 0.00	28.27 1.32 0.00	28.01 1.33 0.00	26.81 1.35 0.00	26.68 1.39 0.00	27.35 1.43 0.00	29.33 1.40 0.00	33.67 1.69 0.00	39.41 1.95 0.00	44.59 1.92 0.00	47.62 2.09 0.00	41.47 1.67 0.00	33.94 1.49 0.00	29.07 1.28 0.00
GOLAH____69_KV_TB 1_2 80279	28.22 -2.03 0.00	23.45 -1.79 0.00	21.70 -1.48 0.00	19.84 -1.29 0.00	22.05 -1.63 0.00	23.27 -1.59 0.00	24.32 -1.80 0.00	25.19 -1.90 0.00	25.15 -1.78 0.00	25.41 -1.88 0.00	25.76 -1.91 0.00	25.01 -1.94 0.00	24.87 -1.81 0.00	23.70 -1.76 0.00	23.57 -1.72 0.00	24.11 -1.81 0.00	26.09 -1.84 0.00	29.87 -2.11 0.00	35.06 -2.40 0.00	40.28 -2.39 0.00	43.07 -2.46 0.00	37.53 -2.27 0.00	30.18 -2.27 0.00	26.05 -1.75 0.00
GOODYEAR_LAKE_HYD 323669	30.85 0.60 0.00	25.90 0.66 0.00	23.85 0.67 0.00	21.72 0.59 0.00	24.30 0.62 0.00	25.49 0.62 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.52 0.59 0.00	27.87 0.57 0.00	28.33 0.66 0.00	27.59 0.65 0.00	27.27 0.59 0.00	26.02 0.56 0.00	25.87 0.58 0.00	26.49 0.57 0.00	28.55 0.61 0.00	32.72 0.74 0.00	38.40 0.94 0.00	43.87 1.19 0.00	46.85 1.32 0.00	40.87 1.07 0.00	33.26 0.81 0.00	28.49 0.69 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.73 -0.51 0.00	24.89 -0.35 0.00	22.97 -0.21 0.00	20.94 -0.19 0.00	23.35 -0.33 0.00	24.54 -0.32 0.00	25.70 -0.42 0.00	26.65 -0.43 0.00	26.58 -0.35 0.00	26.91 -0.38 0.00	27.31 -0.36 0.00	26.54 -0.40 0.00	26.28 -0.40 0.00	25.05 -0.41 0.00	24.94 -0.35 0.00	25.53 -0.39 0.00	27.51 -0.42 0.00	31.50 -0.48 0.00	36.97 -0.49 0.00	42.25 -0.43 0.00	45.17 -0.36 0.00	39.36 -0.44 0.00	31.93 -0.52 0.00	27.43 -0.36 0.00

GOUDEY___7 23579	29.73 -0.51 0.00	24.89 -0.35 0.00	22.97 -0.21 0.00	20.94 -0.19 0.00	23.35 -0.33 0.00	24.54 -0.32 0.00	25.70 -0.42 0.00	26.65 -0.43 0.00	26.58 -0.35 0.00	26.91 -0.38 0.00	27.31 -0.36 0.00	26.54 -0.40 0.00	26.28 -0.40 0.00	25.05 -0.41 0.00	24.94 -0.35 0.00	25.53 -0.39 0.00	27.51 -0.42 0.00	31.50 -0.48 0.00	36.97 -0.49 0.00	42.25 -0.43 0.00	45.17 -0.36 0.00	39.36 -0.44 0.00	31.93 -0.52 0.00	27.43 -0.36 0.00
GOUDEY___8 23580	29.73 -0.51 0.00	24.89 -0.35 0.00	22.97 -0.21 0.00	20.94 -0.19 0.00	23.35 -0.33 0.00	24.54 -0.32 0.00	25.70 -0.42 0.00	26.65 -0.43 0.00	26.58 -0.35 0.00	26.91 -0.38 0.00	27.31 -0.36 0.00	26.54 -0.40 0.00	26.28 -0.40 0.00	25.05 -0.41 0.00	24.94 -0.35 0.00	25.53 -0.39 0.00	27.51 -0.42 0.00	31.50 -0.48 0.00	36.97 -0.49 0.00	42.25 -0.43 0.00	45.17 -0.36 0.00	39.36 -0.44 0.00	31.93 -0.52 0.00	27.43 -0.36 0.00
GOWANUS_GT1_1 24077	31.77 1.51 -0.01	26.80 1.56 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.14 1.47 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.56 1.63 -0.01	29.53 1.59 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.81 2.13 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.21 1.75 -0.01	29.41 1.61 0.00
GOWANUS_GT1_2 24078	31.77 1.51 -0.01	26.80 1.56 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.14 1.47 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.56 1.63 -0.01	29.53 1.59 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.81 2.13 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.21 1.75 -0.01	29.41 1.61 0.00
GOWANUS_GT1_3 24079	31.77 1.51 -0.01	26.80 1.56 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.14 1.47 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.56 1.63 -0.01	29.53 1.59 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.81 2.13 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.21 1.75 -0.01	29.41 1.61 0.00
GOWANUS_GT1_4 24080	31.77 1.51 -0.01	26.80 1.56 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.14 1.47 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.56 1.63 -0.01	29.53 1.59 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.81 2.13 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.21 1.75 -0.01	29.41 1.61 0.00
GOWANUS_GT1_5 24084	31.77 1.51 -0.01	26.80 1.56 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.14 1.47 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.56 1.63 -0.01	29.53 1.59 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.81 2.13 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.21 1.75 -0.01	29.41 1.61 0.00
GOWANUS_GT1_6 24111	31.77 1.51 -0.01	26.80 1.56 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.10 1.42 0.00	26.21 1.																		

GOWANUS_GT2_6 24119	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
GOWANUS_GT2_7 24120	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
GOWANUS_GT2_8 24121	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
GOWANUS_GT3_1 24122	31.77 1.51 -0.01	26.80 1.57 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.13 1.44 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.51 1.58 -0.01	29.56 1.62 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.77 2.09 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.19 1.72 -0.02	29.27 1.47 0.00
GOWANUS_GT3_2 24123	31.77 1.51 -0.01	26.80 1.57 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.13 1.44 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.51 1.58 -0.01	29.56 1.62 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.77 2.09 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.19 1.72 -0.02	29.27 1.47 0.00
GOWANUS_GT3_3 24124	31.77 1.51 -0.01	26.80 1.57 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.13 1.44 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.51 1.58 -0.01	29.56 1.62 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.77 2.09 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.19 1.72 -0.02	29.27 1.47 0.00
GOWANUS_GT3_4 24125	31.77 1.51 -0.01	26.80 1.57 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.13 1.44 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.38 1.30 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.89 1.59 -0.01	27.51 1.58 -0.01	29.56 1.62 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.77 2.09 -0.01	47.81 2.28 -0.01	41.71 1.91 -0.01	34.19 1.72 -0.02	29.27 1.47 0.00
GOWANUS_GT3_5 24126	31.77 1.51 -0.01	26.80 1.57 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.13 1.44 0.00	26.21 1.34 0.00	27.38 1.25																	

GOWANUS_GT4_5 24134	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.57 1.63 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.22 1.75 -0.02	29.41 1.61 0.00
GOWANUS_GT4_6 24135	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.57 1.63 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.22 1.75 -0.02	29.41 1.61 0.00
GOWANUS_GT4_7 24136	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.57 1.63 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.22 1.75 -0.02	29.41 1.61 0.00
GOWANUS_GT4_8 24137	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.57 1.63 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.22 1.75 -0.02	29.41 1.61 0.00
GREATVRV_69_KV_BK1 356245	36.60 2.57 -3.78	31.26 2.35 -3.67	28.71 2.27 -3.26	25.06 2.07 -1.86	26.95 2.23 -1.04	29.63 2.24 -2.53	31.07 2.19 -2.76	31.85 2.19 -2.57	32.55 2.21 -3.42	32.88 2.24 -3.35	33.27 2.30 -3.30	31.45 2.18 -2.32	31.21 2.16 -2.37	30.35 2.11 -2.78	30.96 2.15 -3.52	31.59 2.23 -3.43	35.56 2.29 -5.34	38.36 2.94 -3.44	44.20 3.48 -3.26	48.85 3.84 -2.33	52.33 4.14 -2.66	45.71 3.38 -2.53	38.32 2.92 -2.95	33.18 2.45 -2.94
GREENBSH_115KV_TB3 55895	30.34 0.09 0.00	25.54 0.30 0.00	23.55 0.37 0.00	21.44 0.32 0.00	23.94 0.26 0.00	25.11 0.25 0.00	26.28 0.16 0.00	27.22 0.14 0.00	26.98 0.05 0.00	27.38 0.08 0.00	27.73 0.06 0.00	27.03 0.08 0.00	26.73 0.05 0.00	25.53 0.08 0.00	25.34 0.05 0.00	25.97 0.05 0.00	27.96 0.03 0.00	32.04 0.06 0.00	37.46 0.00 0.00	42.59 0.00 0.00	45.44 -0.09 0.00	39.68 -0.12 0.00	32.52 0.06 0.00	27.96 0.17 0.00
GREENDGE_115KV_TB5 80291	29.13 -1.12 0.00	24.33 -0.91 0.00	22.46 -0.72 0.00	20.49 -0.63 0.00	22.81 -0.88 0.00	24.04 -0.82 0.00	25.23 -0.89 0.00	26.21 -0.87 0.00	26.17 -0.75 0.00	26.50 -0.79 0.00	26.87 -0.80 0.00	26.00 -0.94 0.00	25.77 -0.91 0.00	24.54 -0.92 0.00	24.43 -0.86 0.00	24.99 -0.93 0.00	27.07 -0.87 0.00	31.02 -0.96 0.00	36.45 -1.01 0.00	41.48 -1.19 0.00	44.39 -1.14 0.00	38.92 -0.88 0.00	31.38 -1.07 0.00	26.93 -0.86 0.00
GREENIDGE___3 23582	29.13 -1.12 0.00	24.33 -0.91 0.00	22.46 -0.72 0.00	20.49 -0.63 0.00	22.81 -0.88 0.00	24.04 -0.82 0.00	25.23 -0.89 0.00	26.21 -0.87 0.00	26.17 -0.75 0.00	26.50 -0.79 0.00	26.87 -0.80 0.00	26.00 -0.94 0.00	25.77 -0.91 0.00	24.54 -0.92 0.00	24.43 -0.86 0.00	24.99 -0.93 0.00	27.07 -0.87 0.00	31.02 -0.96 0.00	36.45 -1.01 0.00	41.48 -1.19 0.00	44.39 -1.14 0.00	38.92 -0.88 0.00	31.38 -1.07 0.00	26.93 -0.86 0.00
GREENIDGE___4 23583	29.13 -1.12 0.00	24.33 -0.91 0.00	22.49 -0.69 0.00	20.49 -0.63 0.00	22.83 -0.85 0.00	24.04 -0.82 0.00	25.23 -0.89 0.00	26.21 -0.87 0.00	26.17 -0.75 0.00	26.50 -0.79 0.00	26.87 -0.80 0.00	26.00 -0.94 0.00	25.77 -0.91 0.00	24.54 -0.92 0.00	24.43 -0.86 0.00	24.99 -0.93 0.00	27.04 -0.89 0.00	31.02 -0.96 0.00	36.45 -1.01 0.00	41.56 -1.11 0.00	44.39 -1.14 0.00	38.92 -0.88 0.00	31.41 -1.04 0.00	27.05 -0.75 0.00
GREENLWN_69_KV_BK 3 55738	35.38 1.78 -3.35	30.30 1.77 -3.30	27.85 1.74 -2.93	24.38 1.58 -1.67	26.29 1.68 -0.93	28.80 1.67 -2.27	30.19 1.59 -2.48	30.99 1.60 -2.31	31.59 1.59 -3.07	31.94 1.64 -3.01	32.25 1.66 -2.92	30.73 1.70 -2.09	30.52 1.71 -2.13	29.63 1.68 -2.49	30.11 1.69 -3.12	30.70 1.74 -3.04	34.31 1.73 -4.64	37.22 2.14 -3.09	42.52 2.14 -2.93	46.99 2.22 -2.10	50.29 2.37 -2.39	44.02 1.95 -2.27	37.15 2.04 -2.65	32.13 1.72 -2.61
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.57 1.63 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.22 1.75 -0.02	29.41 1.61 0.00
GRISSOM___SOLAR 323813	31.37 1.12 0.00	26.38 1.14 0.00	24.22 1.04 0.00	21.99 0.87 0.00	24.65 0.97 0.00	25.91 1.04 0.00	27.06 0.94 0.00	28.00 0.92 0.00	27.73 0.81 0.00	28.09 0.79 0.00	28.50 0.83 0.00	27.73 0.78 0.00	27.35 0.67 0.00	26.09 0.64 0.00	25.92 0.63 0.00	26.57 0.65 0.00	28.66 0.73 0.00	32.91 0.93 0.00	38.77 1.31 0.00	44.34 1.66 0.00	47.40 1.87 0.00	41.39 1.59 0.00	33.78 1.33 0.00	28.96 1.17 0.00
GROVEVILLE___HYD 323602	31.64 1.39 0.00	26.63 1.39 0.00	24.50 1.32 0.00	22.31 1.18 0.00	24.94 1.26 0.00	26.13 1.27 0.00	27.22 1.10 0.00	28.16 1.08 0.00	28.01 1.08 0.00	28.39 1.09 0.00	28.78 1.11 0.00	28.13 1.19 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.50 1.21 0.00	27.17 1.24 0.00	29.22 1.28 0.00	33.51 1.54 0.00	39.30 1.84 0.00	44.55 1.88 0.00	47.67 2.14 0.00	41.47 1.67 0.00	33.98 1.53 0.00	29.13 1.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.60 -0.53 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.60 -0.86 0.00	41.73 -0.94 0.00	44.62 -0.91 0.00	38.96 -0.84 0.00	31.58 -0.88 0.00	27.02 -0.78 0.00
HAMLTNNY_34_KV_TB 80303	29.19 -1.06 0.00	24.41 -0.83 0.00	22.48 -0.70 0.00	20.51 -0.61 0.00	22.88 -0.81 0.00	24.07 -0.80 0.00	25.26 -0.86 0.00	26.27 -0.81 0.00	26.20 -0.73 0.00	26.56 -0.74 0.00	26.95 -0.72 0.00	26.17 -0.78 0.00	25.93 -0.75 0.00	24.69 -0.76 0.00	24.61 -0.68 0.00	25.20 -0.73 0.00	27.23 -0.70 0.00	31.15 -0.83 0.00	36.45 -1.01 0.00	41.65 -1.02 0.00	44.48 -1.05 0.00	38.80 -0.99 0.00	31.41 -1.04 0.00	26.91 -0.89 0.00

HAMPSHIRE___PAPER_HYD 323593	30.00 -0.24 0.00	24.83 -0.40 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.23 -0.45 0.00	24.39 -0.47 0.00	25.81 -0.31 0.00	26.76 -0.32 0.00	26.47 -0.46 0.00	26.72 -0.57 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.01 -0.67 0.00	24.74 -0.71 0.00	24.56 -0.73 0.00	25.20 -0.73 0.00	27.32 -0.61 0.00	31.25 -0.73 0.00	36.75 -0.71 0.00	42.08 -0.60 0.00	44.76 -0.77 0.00	39.48 -0.32 0.00	32.06 -0.39 0.00	27.32 -0.47 0.00
HARDSCRABBLE_WT_PWR 323673	30.25 0.00 0.00	25.31 0.08 0.00	23.27 0.09 0.00	21.21 0.08 0.00	23.75 0.07 0.00	24.94 0.07 0.00	26.23 0.10 0.00	27.16 0.08 0.00	27.04 0.11 0.00	27.40 0.11 0.00	27.78 0.11 0.00	27.03 0.08 0.00	26.71 0.03 0.00	25.43 -0.03 0.00	25.27 -0.03 0.00	25.87 -0.05 0.00	27.88 -0.06 0.00	31.92 -0.06 0.00	37.46 0.00 0.00	42.76 0.09 0.00	45.71 0.18 0.00	39.96 0.16 0.00	32.55 0.10 0.00	27.88 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.43 1.18 0.00	26.45 1.21 0.00	24.36 1.18 0.00	22.18 1.06 0.00	24.80 1.11 0.00	25.98 1.12 0.00	27.09 0.97 0.00	28.03 0.95 0.00	27.90 0.97 0.00	28.28 0.98 0.00	28.67 1.00 0.00	28.03 1.08 0.00	27.75 1.07 0.00	26.53 1.07 0.00	26.40 1.11 0.00	27.06 1.14 0.00	29.08 1.15 0.00	33.36 1.38 0.00	39.07 1.61 0.00	44.34 1.66 0.00	47.40 1.87 0.00	41.23 1.43 0.00	33.78 1.33 0.00	28.96 1.17 0.00
HARSNRAD_115KV_TB1 81005	27.25 -2.99 0.00	22.59 -2.65 0.00	20.98 -2.20 0.00	19.16 -1.96 0.00	21.17 -2.51 0.00	22.43 -2.44 0.00	23.40 -2.72 0.00	24.16 -2.92 0.00	24.21 -2.72 0.00	24.35 -2.95 0.00	24.77 -2.91 0.00	23.98 -2.96 0.00	23.90 -2.77 0.00	22.78 -2.67 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	25.03 -2.90 0.00	28.69 -3.29 0.00	33.68 -3.78 0.00	38.62 -4.05 0.00	41.34 -4.19 0.00	35.90 -3.90 0.00	28.95 -3.50 0.00	25.10 -2.70 0.00
HARZA MOOSE___RIVER 24016	30.34 0.09 0.00	25.36 0.13 0.00	23.27 0.09 0.00	21.21 0.08 0.00	23.78 0.09 0.00	24.96 0.10 0.00	26.25 0.13 0.00	27.19 0.11 0.00	26.87 -0.05 0.00	27.16 -0.14 0.00	27.56 -0.11 0.00	26.79 -0.16 0.00	26.41 -0.27 0.00	25.15 -0.31 0.00	24.99 -0.30 0.00	25.64 -0.29 0.00	27.71 -0.22 0.00	31.76 -0.22 0.00	37.35 -0.11 0.00	42.76 0.09 0.00	45.71 0.18 0.00	40.04 0.24 0.00	32.52 0.06 0.00	27.77 -0.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.31 -0.94 0.00	24.53 -0.71 0.00	22.62 -0.56 0.00	20.60 -0.53 0.00	23.02 -0.66 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.35 -0.73 0.00	26.28 -0.65 0.00	26.64 -0.66 0.00	27.03 -0.64 0.00	26.27 -0.67 0.00	26.01 -0.67 0.00	24.80 -0.66 0.00	24.68 -0.61 0.00	25.30 -0.62 0.00	27.29 -0.64 0.00	31.24 -0.74 0.00	36.52 -0.94 0.00	41.61 -1.07 0.00	44.48 -1.05 0.00	38.84 -0.96 0.00	31.54 -0.91 0.00	27.02 -0.78 0.00
HELLGATE_13_KV_LD 55870	31.73 1.48 0.00	26.75 1.51 0.00	24.64 1.46 0.00	22.46 1.33 0.00	25.08 1.40 0.00	26.21 1.34 0.00	27.40 1.28 0.00	28.38 1.30 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.88 1.59 0.00	27.55 1.63 0.00	29.55 1.62 0.00	33.83 1.85 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.85 2.32 0.00	41.71 1.91 0.00	34.14 1.69 0.00	29.33 1.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.73 1.48 0.00	26.75 1.51 0.00	24.64 1.46 0.00	22.46 1.33 0.00	25.08 1.40 0.00	26.21 1.34 0.00	27.40 1.28 0.00	28.38 1.30 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.01 1.55 0.00	26.88 1.59 0.00	27.55 1.63 0.00	29.55 1.62 0.00	33.83 1.85 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.85 2.32 0.00	41.71 1.91 0.00	34.14 1.69 0.00	29.33 1.53 0.00
HEMPSTEAD___ 23647	47.81 1.72 -15.84	41.17 1.72 -14.21	37.48 1.67 -12.63	30.00 1.54 -7.33	29.48 1.63 -4.17	36.27 1.62 -9.79	38.35 1.54 -10.69	38.60 1.54 -9.98	41.67 1.56 -13.19	41.79 1.58 -12.91	43.43 1.63 -14.12	37.62 1.67 -9.00	37.53 1.65 -9.20	38.13 1.65 -11.02	41.73 1.67 -14.77	42.20 1.71 -14.57	54.63 1.73 -24.97	47.28 2.02 -13.28	52.32 2.29 -12.57	54.10 2.43 -9.00	58.42 2.64 -10.25	51.69 2.15 -9.75	45.74 1.91 -11.38	41.67 1.61 -12.26
HICKLING___1 23621	29.16 -1.09 0.00	24.41 -0.83 0.00	22.55 -0.63 0.00	20.56 -0.57 0.00	22.85 -0.83 0.00	24.09 -0.77 0.00	25.26 -0.86 0.00	26.19 -0.89 0.00	26.17 -0.75 0.00	26.47 -0.82 0.00	26.90 -0.77 0.00	26.03 -0.92 0.00	25.80 -0.88 0.00	24.57 -0.89 0.00	24.43 -0.86 0.00	24.99 -0.93 0.00	26.95 -0.98 0.00	30.89 -1.09 0.00	36.30 -1.16 0.00	41.65 -1.02 0.00	44.57 -0.96 0.00	38.80 -0.99 0.00	31.35 -1.10 0.00	26.99 -0.81 0.00
HICKLING___2 23622	29.16 -1.09 0.00	24.41 -0.83 0.00	22.55 -0.63 0.00	20.56 -0.57 0.00	22.85 -0.83 0.00	24.09 -0.77 0.00	25.26 -0.86 0.00	26.19 -0.89 0.00	26.17 -0.75 0.00	26.47 -0.82 0.00	26.90 -0.77 0.00	26.03 -0.92 0.00	25.80 -0.88 0.00	24.57 -0.89 0.00	24.43 -0.86 0.00	24.99 -0.93 0.00	26.95 -0.98 0.00	30.89 -1.09 0.00	36.30 -1.16 0.00	41.65 -1.02 0.00	44.57 -0.96 0.00	38.80 -0.99 0.00	31.35 -1.10 0.00	26.99 -0.81 0.00
HIGH FALLS___HY 23754	31.67 1.42 0.00	26.65 1.41 0.00	24.52 1.34 0.00	22.33 1.20 0.00	24.96 1.28 0.00	26.16 1.29 0.00	27.24 1.12 0.00	28.16 1.08 0.00	28.03 1.10 0.00	28.39 1.09 0.00	28.78 1.11 0.00	28.13 1.19 0.00	27.88 1.20 0.00	26.65 1.20 0.00	26.53 1.24 0.00	27.22 1.30 0.00	29.27 1.34 0.00	33.61 1.63 0.00	39.41 1.95 0.00	44.68 2.01 0.00	47.85 2.32 0.00	41.59 1.79 0.00	34.07 1.62 0.00	29.19 1.39 0.00
HIGH_RIVER___SOLAR 323847	30.97 0.72 0.00	26.00 0.76 0.00	23.94 0.76 0.00	21.76 0.63 0.00	24.34 0.66 0.00	25.56 0.70 0.00	26.75 0.63 0.00	27.65 0.57 0.00	27.33 0.40 0.00	27.68 0.38 0.00	28.03 0.36 0.00	27.30 0.35 0.00	26.97 0.29 0.00	25.74 0.28 0.00	25.57 0.28 0.00	26.23 0.31 0.00	28.29 0.36 0.00	32.49 0.51 0.00	38.25 0.79 0.00	43.70 1.02 0.00	46.67 1.14 0.00	40.75 0.95 0.00	33.26 0.81 0.00	28.55 0.75 0.00
HILLBURN___GT 23639	31.46 1.21 0.00	26.50 1.26 0.00	24.38 1.20 0.00	22.22 1.10 0.00	24.84 1.16 0.00	26.01 1.14 0.00	27.14 1.02 0.00	28.08 1.00 0.00	27.98 1.05 0.00	28.39 1.09 0.00	28.81 1.13 0.00	28.13 1.18 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.50 1.21 0.00	27.17 1.24 0.00	29.16 1.23 0.00	33.42 1.44 0.00	39.11 1.65 0.00	44.42 1.75 0.00	47.49 1.96 0.00	41.31 1.51 0.00	33.81 1.36 0.00	28.94 1.14 0.00
HILLSIDE_115KV_TB1 80332	29.01 -1.24 0.00	24.25 -0.98 0.00	22.44 -0.74 0.00	20.45 -0.68 0.00	22.76 -0.92 0.00	23.97 -0.90 0.00	25.10 -1.02 0.00	26.00 -1.08 0.00	25.99 -0.94 0.00	26.26 -1.04 0.00	26.67 -1.00 0.00	25.87 -1.08 0.00	25.64 -1.04 0.00	24.41 -1.04 0.00	24.28 -1.01 0.00	24.83 -1.09 0.00	26.76 -1.17 0.00	30.70 -1.28 0.00	36.04 -1.42 0.00	41.31 -1.37 0.00	44.21 -1.32 0.00	38.44 -1.35 0.00	31.12 -1.33 0.00	26.82 -0.97 0.00

HISHELDN_WT_PWR 323625	27.62 -2.63 0.00	22.94 -2.30 0.00	21.28 -1.90 0.00	19.35 -1.77 0.00	21.50 -2.18 0.00	22.75 -2.11 0.00	23.82 -2.30 0.00	24.64 -2.44 0.00	24.67 -2.26 0.00	24.86 -2.43 0.00	25.32 -2.35 0.00	24.50 -2.45 0.00	24.36 -2.32 0.00	23.19 -2.27 0.00	23.04 -2.25 0.00	23.46 -2.46 0.00	25.31 -2.63 0.00	29.10 -2.88 0.00	34.20 -3.26 0.00	39.43 -3.24 0.00	42.07 -3.46 0.00	36.57 -3.22 0.00	29.63 -2.82 0.00	25.85 -1.95 0.00
HOLTSVILLE_IC_1 23690	34.89 2.21 -2.44	29.80 2.07 -2.49	27.41 2.02 -2.21	24.26 1.88 -1.25	26.39 2.01 -0.69	28.57 1.99 -1.71	29.90 1.91 -1.87	30.75 1.92 -1.75	31.19 1.94 -2.32	31.48 1.91 -2.28	31.73 1.96 -2.10	30.38 1.86 -1.57	30.13 1.84 -1.61	29.10 1.78 -1.86	29.41 1.85 -2.27	30.01 1.89 -2.20	33.06 1.95 -3.17	36.84 2.53 -2.34	42.63 2.96 -2.22	47.46 3.20 -1.59	50.84 3.51 -1.81	44.38 2.87 -1.72	36.92 2.47 -2.01	31.73 2.03 -1.90
HOLTSVILLE_IC_10 23699	35.36 2.36 -2.76	30.20 2.19 -2.77	27.75 2.11 -2.46	24.49 1.97 -1.40	26.56 2.11 -0.77	28.86 2.09 -1.91	30.24 2.04 -2.08	31.06 2.03 -1.94	31.58 2.07 -2.58	31.87 2.05 -2.53	32.13 2.08 -2.38	30.67 1.97 -1.75	30.42 1.95 -1.79	29.42 1.88 -2.08	29.81 1.95 -2.57	30.41 2.00 -2.49	33.69 2.07 -3.69	37.30 2.72 -2.60	43.11 3.18 -2.46	47.89 3.46 -1.76	51.32 3.78 -2.01	44.81 3.11 -1.91	37.34 2.66 -2.23	32.12 2.17 -2.15
HOLTSVILLE_IC_2 23691	34.89 2.21 -2.44	29.80 2.07 -2.49	27.41 2.02 -2.21	24.26 1.88 -1.25	26.39 2.01 -0.69	28.57 1.99 -1.71	29.90 1.91 -1.87	30.75 1.92 -1.75	31.19 1.94 -2.32	31.48 1.91 -2.28	31.73 1.96 -2.10	30.38 1.86 -1.57	30.13 1.84 -1.61	29.10 1.78 -1.86	29.41 1.85 -2.27	30.01 1.89 -2.20	33.06 1.95 -3.17	36.84 2.53 -2.34	42.63 2.96 -2.22	47.46 3.20 -1.59	50.84 3.51 -1.81	44.38 2.87 -1.72	36.92 2.47 -2.01	31.73 2.03 -1.90
HOLTSVILLE_IC_3 23692	34.89 2.21 -2.44	29.80 2.07 -2.49	27.41 2.02 -2.21	24.26 1.88 -1.25	26.39 2.01 -0.69	28.57 1.99 -1.71	29.90 1.91 -1.87	30.75 1.92 -1.75	31.19 1.94 -2.32	31.48 1.91 -2.28	31.73 1.96 -2.10	30.38 1.86 -1.57	30.13 1.84 -1.61	29.10 1.78 -1.86	29.41 1.85 -2.27	30.01 1.89 -2.20	33.06 1.95 -3.17	36.84 2.53 -2.34	42.63 2.96 -2.22	47.46 3.20 -1.59	50.84 3.51 -1.81	44.38 2.87 -1.72	36.92 2.47 -2.01	31.73 2.03 -1.90
HOLTSVILLE_IC_4 23693	34.89 2.21 -2.44	29.80 2.07 -2.49	27.41 2.02 -2.21	24.26 1.88 -1.25	26.39 2.01 -0.69	28.57 1.99 -1.71	29.90 1.91 -1.87	30.75 1.92 -1.75	31.19 1.94 -2.32	31.48 1.91 -2.28	31.73 1.96 -2.10	30.38 1.86 -1.57	30.13 1.84 -1.61	29.10 1.78 -1.86	29.41 1.85 -2.27	30.01 1.89 -2.20	33.06 1.95 -3.17	36.84 2.53 -2.34	42.63 2.96 -2.22	47.46 3.20 -1.59	50.84 3.51 -1.81	44.38 2.87 -1.72	36.92 2.47 -2.01	31.73 2.03 -1.90
HOLTSVILLE_IC_5 23694	34.89 2.21 -2.44	29.80 2.07 -2.49	27.41 2.02 -2.21	24.26 1.88 -1.25	26.39 2.01 -0.69	28.57 1.99 -1.71	29.90 1.91 -1.87	30.75 1.92 -1.75	31.19 1.94 -2.32	31.48 1.91 -2.28	31.73 1.96 -2.10	30.38 1.86 -1.57	30.13 1.84 -1.61	29.10 1.78 -1.86	29.41 1.85 -2.27	30.01 1.89 -2.20	33.06 1.95 -3.17	36.84 2.53 -2.34	42.63 2.96 -2.22	47.46 3.20 -1.59	50.84 3.51 -1.81	44.38 2.87 -1.72	36.92 2.47 -2.01	31.73 2.03 -1.90
HOLTSVILLE_IC_6 23695	35.36 2.36 -2.76	30.20 2.19 -2.77	27.75 2.11 -2.46	24.49 1.97 -1.40	26.56 2.11 -0.77	28.86 2.09 -1.91	30.24 2.04 -2.08	31.06 2.03 -1.94	31.58 2.07 -2.58	31.87 2.05 -2.53	32.13 2.08 -2.38	30.67 1.97 -1.75	30.42 1.95 -1.79	29.42 1.88 -2.08	29.81 1.95 -2.57	30.41 2.00 -2.49	33.69 2.07 -3.69	37.30 2.72 -2.60	43.11 3.18 -2.46	47.89 3.46 -1.76	51.32 3.78 -2.01	44.81 3.11 -1.91	37.34 2.66 -2.23	32.12 2.17 -2.15
HOLTSVILLE_IC_7 23696	35.36 2.36 -2.76	30.20 2.19 -2.77	27.75 2.11 -2.46	24.49 1.97 -1.40	26.56 2.11 -0.77	28.86 2.09 -1.91	30.24 2.04 -2.08	31.06 2.03 -1.94	31.58 2.07 -2.58	31.87 2.05 -2.53	32.13 2.08 -2.38	30.67 1.97 -1.75	30.42 1.95 -1.79	29.42 1.88 -2.08	29.81 1.95 -2.57	30.41 2.00 -2.49	33.69 2.07 -3.69	37.30 2.72 -2.60	43.11 3.18 -2.46	47.89 3.46 -1.76	51.32 3.78 -2.01	44.81 3.11 -1.91	37.34 2.66 -2.23	32.12 2.17 -2.15
HOLTSVILLE_IC_8 23697	35.36 2.36 -2.76	30.20 2.19 -2.77	27.75 2.11 -2.46	24.49 1.97 -1.40	26.56 2.11 -0.77	28.86 2.09 -1.91	30.24 2.04 -2.08	31.06 2.03 -1.94	31.58 2.07 -2.58	31.87 2.05 -2.53	32.13 2.08 -2.38	30.67 1.97 -1.75	30.42 1.95 -1.79	29.42 1.88 -2.08	29.81 1.95 -2.57	30.41 2.00 -2.49	33.69 2.07 -3.69	37.30 2.72 -2.60	43.11 3.18 -2.46	47.89 3.46 -1.76	51.32 3.78 -2.01	44.81 3.11 -1.91	37.34 2.66 -2.23	32.12 2.17 -2.15
HOLTSVILLE_IC_9 23698	35.36 2.36 -2.76	30.20 2.19 -2.77	27.75 2.11 -2.46	24.49 1.97 -1.40	26.56 2.11 -0.77	28.86 2.09 -1.91	30.24 2.04 -2.08	31.06 2.03 -1.94	31.58 2.07 -2.58	31.87 2.05 -2.53	32.13 2.08 -2.38	30.67 1.97 -1.75	30.42 1.95 -1.79	29.42 1.88 -2.08	29.81 1.95 -2.57	30.41 2.00 -2.49	33.69 2.07 -3.69	37.30 2.72 -2.60	43.11 3.18 -2.46	47.89 3.46 -1.76	51.32 3.78 -2.01	44.81 3.11 -1.91	37.34 2.66 -2.23	32.12 2.17 -2.15
HOMER_HL_115KV_TB2 355744	28.22 -2.03 0.00	23.50 -1.74 0.00	21.81 -1.37 0.00	19.90 -1.23 0.00	22.05 -1.63 0.00	23.32 -1.54 0.00	24.37 -1.75 0.00	25.10 -1.98 0.00	25.10 -1.83 0.00	25.27 -2.02 0.00	25.73 -1.94 0.00	24.93 -2.02 0.00	24.73 -1.95 0.00	23.55 -1.91 0.00	23.42 -1.87 0.00	23.90 -2.02 0.00	25.67 -2.26 0.00	29.49 -2.49 0.00	34.69 -2.77 0.00	40.03 -2.65 0.00	42.84 -2.69 0.00	37.13 -2.67 0.00	29.99 -2.47 0.00	26.13 -1.67 0.00
HOWARD_WT_PWR 323690	28.10 -2.15 0.00	23.45 -1.79 0.00	21.70 -1.48 0.00	19.77 -1.35 0.00	22.00 -1.68 0.00	23.25 -1.62 0.00	24.40 -1.72 0.00	25.32 -1.76 0.00	25.31 -1.61 0.00	25.60 -1.69 0.00	26.01 -1.66 0.00	25.11 -1.83 0.00	24.86 -1.82 0.00	23.60 -1.86 0.00	23.47 -1.82 0.00	23.93 -2.00 0.00	25.87 -2.07 0.00	29.74 -2.24 0.00	35.06 -2.40 0.00	40.41 -2.26 0.00	43.25 -2.28 0.00	37.65 -2.15 0.00	30.41 -2.04 0.00	26.32 -1.47 0.00
HQ_GEN_CEDARS 23644	30.82 0.57 0.00	25.26 0.03 0.00	23.04 -0.14 0.00	21.04 -0.08 0.00	23.63 -0.05 0.00	24.84 -0.02 0.00	26.43 0.31 0.00	27.41 0.32 0.00	27.25 0.32 0.00	27.59 0.30 0.00	27.97 0.30 0.00	27.19 0.24 0.00	26.97 0.29 0.00	25.69 0.23 0.00	25.47 0.18 0.00	26.13 0.21 0.00	28.27 0.34 0.00	32.27 0.29 0.00	37.80 0.34 0.00	43.14 0.47 0.00	45.58 0.05 0.00	40.35 0.56 0.00	32.91 0.45 0.00	28.07 0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	30.82 0.57 0.00	25.26 0.03 0.00	23.04 -0.14 0.00	21.04 -0.08 0.00	23.64 -0.05 0.00	24.84 -0.02 0.00	26.44 0.31 0.00	27.41 0.33 0.00	27.25 0.32 0.00	27.59 0.30 0.00	27.95 0.28 0.00	27.19 0.24 0.00	26.97 0.29 0.00	25.69 0.23 0.00	25.47 0.18 0.00	26.13 0.21 0.00	28.27 0.34 0.00	32.27 0.29 0.00	37.80 0.34 0.00	43.14 0.47 0.00	45.58 0.05 0.00	40.39 0.60 0.00	32.91 0.45 0.00	28.07 0.28 0.00

HQ_GEN_IMPORT 323601	30.37 0.12 0.00	25.19 -0.05 0.00	23.02 -0.16 0.00	21.00 -0.13 0.00	23.64 -0.05 0.00	24.84 -0.02 0.00	26.20 0.08 0.00	27.16 0.08 0.00	27.01 0.08 0.00	27.38 0.08 0.00	27.75 0.08 0.00	27.03 0.08 0.00	26.76 0.08 0.00	25.51 0.05 0.00	25.34 0.05 0.00	25.97 0.05 0.00	28.02 0.08 0.00	32.04 0.06 0.00	37.54 0.08 0.00	42.80 0.13 0.00	45.58 0.05 0.00	39.96 0.16 0.00	32.58 0.13 0.00	27.85 0.06 0.00
HQ_GEN_WHEEL 23651	30.37 0.12 0.00	25.19 -0.05 0.00	23.02 -0.16 0.00	21.00 -0.13 0.00	23.64 -0.05 0.00	24.84 -0.02 0.00	26.20 0.08 0.00	27.16 0.08 0.00	27.01 0.08 0.00	27.38 0.08 0.00	27.75 0.08 0.00	27.03 0.08 0.00	26.76 0.08 0.00	25.51 0.05 0.00	25.34 0.05 0.00	25.97 0.05 0.00	28.02 0.08 0.00	32.04 0.06 0.00	37.54 0.08 0.00	42.80 0.13 0.00	45.58 0.05 0.00	39.96 0.16 0.00	32.58 0.13 0.00	27.85 0.06 0.00
HUDSON AVE_GT_3 23810	31.69 1.45 0.01	26.73 1.49 0.00	24.62 1.44 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.07 1.41 0.01	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.83 1.54 0.00	27.50 1.58 0.01	29.45 1.54 0.02	33.80 1.82 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.90 2.37 0.00	41.67 1.87 0.00	34.14 1.69 0.00	29.24 1.45 0.00
HUDSON AVE_GT_4 23540	31.69 1.45 0.01	26.73 1.49 0.00	24.62 1.44 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.07 1.41 0.01	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.83 1.54 0.00	27.50 1.58 0.01	29.45 1.54 0.02	33.80 1.82 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.90 2.37 0.00	41.67 1.87 0.00	34.14 1.69 0.00	29.24 1.45 0.00
HUDSON AVE_GT_5 23657	31.69 1.45 0.01	26.73 1.49 0.00	24.62 1.44 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.07 1.41 0.01	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.83 1.54 0.00	27.50 1.58 0.01	29.45 1.54 0.02	33.80 1.82 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.90 2.37 0.00	41.67 1.87 0.00	34.14 1.69 0.00	29.24 1.45 0.00
HUDSON_AVE_10 24168	31.71 1.33 -0.13	26.60 1.36 0.00	24.50 1.32 0.00	22.33 1.20 0.00	24.94 1.26 0.00	26.08 1.22 0.00	27.27 1.15 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.58 1.28 0.00	29.12 1.30 -0.15	28.32 1.37 0.00	28.07 1.39 0.00	26.83 1.35 -0.03	26.94 1.44 -0.21	27.55 1.48 -0.15	29.79 1.40 -0.46	33.67 1.69 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.67 2.14 0.00	41.51 1.71 0.00	34.01 1.56 0.00	29.20 1.31 -0.10
HUDSON___115KV_TB 4 355613	30.82 0.57 0.00	25.92 0.68 0.00	23.90 0.72 0.00	21.72 0.59 0.00	24.30 0.62 0.00	25.54 0.67 0.00	26.67 0.55 0.00	27.57 0.49 0.00	27.30 0.38 0.00	27.62 0.33 0.00	27.95 0.28 0.00	27.24 0.30 0.00	26.95 0.27 0.00	25.74 0.28 0.00	25.54 0.25 0.00	26.21 0.29 0.00	28.27 0.34 0.00	32.46 0.48 0.00	38.06 0.60 0.00	43.27 0.60 0.00	46.26 0.73 0.00	40.35 0.56 0.00	33.10 0.65 0.00	28.46 0.67 0.00
HUNTER MOUNT___DRP 323613	30.91 0.67 0.00	26.00 0.76 0.00	23.94 0.76 0.00	21.76 0.63 0.00	24.35 0.66 0.00	25.66 0.80 0.00	26.72 0.60 0.00	27.62 0.54 0.00	27.33 0.40 0.00	27.62 0.33 0.00	27.95 0.28 0.00	27.24 0.30 0.00	26.95 0.27 0.00	25.74 0.28 0.00	25.52 0.23 0.00	26.18 0.26 0.00	28.30 0.36 0.00	32.52 0.54 0.00	38.17 0.71 0.00	43.36 0.68 0.00	46.35 0.82 0.00	40.47 0.68 0.00	33.23 0.78 0.00	28.57 0.78 0.00
HUNTINGTON_RES_REC 323705	35.15 2.03 -2.87	30.06 1.94 -2.87	27.61 1.88 -2.55	24.31 1.73 -1.45	26.34 1.85 -0.80	28.68 1.84 -1.98	30.03 1.75 -2.16	30.86 1.76 -2.01	31.41 1.80 -2.68	31.72 1.80 -2.62	31.98 1.83 -2.49	30.57 1.81 -1.82	30.32 1.79 -1.86	29.37 1.76 -2.16	29.76 1.80 -2.68	30.36 1.84 -2.60	33.68 1.87 -3.87	37.08 2.40 -2.70	42.60 2.58 -2.55	47.24 2.73 -1.83	50.62 3.00 -2.08	44.21 2.43 -1.98	37.03 2.27 -2.31	31.93 1.89 -2.24
HUNTLEY___63 23557	27.46 -2.78 0.00	22.79 -2.45 0.00	21.16 -2.02 0.00	19.33 -1.80 0.00	21.36 -2.32 0.00	22.63 -2.24 0.00	23.56 -2.56 0.00	24.32 -2.76 0.00	24.37 -2.56 0.00	24.51 -2.78 0.00	24.96 -2.71 0.00	24.15 -2.80 0.00	24.06 -2.61 0.00	22.94 -2.52 0.00	22.81 -2.48 0.00	23.28 -2.64 0.00	25.17 -2.77 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	38.88 -3.80 0.00	41.57 -3.96 0.00	36.10 -3.70 0.00	29.14 -3.31 0.00	25.32 -2.47 0.00
HUNTLEY___64 23558	27.46 -2.78 0.00	22.79 -2.45 0.00	21.16 -2.02 0.00	19.33 -1.80 0.00	21.36 -2.32 0.00	22.63 -2.24 0.00	23.56 -2.56 0.00	24.32 -2.76 0.00	24.37 -2.56 0.00	24.51 -2.78 0.00	24.96 -2.71 0.00	24.15 -2.80 0.00	24.06 -2.61 0.00	22.94 -2.52 0.00	22.81 -2.48 0.00	23.28 -2.64 0.00	25.17 -2.77 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	38.88 -3.80 0.00	41.57 -3.96 0.00	36.10 -3.70 0.00	29.14 -3.31 0.00	25.32 -2.47 0.00
HUNTLEY___65 23559	27.46 -2.78 0.00	22.79 -2.45 0.00	21.16 -2.02 0.00	19.33 -1.80 0.00	21.36 -2.32 0.00	22.63 -2.24 0.00	23.56 -2.56 0.00	24.32 -2.76 0.00	24.37 -2.56 0.00	24.51 -2.78 0.00	24.96 -2.71 0.00	24.15 -2.80 0.00	24.06 -2.61 0.00	22.94 -2.52 0.00	22.81 -2.48 0.00	23.28 -2.64 0.00	25.17 -2.77 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	38.88 -3.80 0.00	41.57 -3.96 0.00	36.10 -3.70 0.00	29.14 -3.31 0.00	25.32 -2.47 0.00
HUNTLEY___66 23560	27.46 -2.78 0.00	22.79 -2.45 0.00	21.16 -2.02 0.00	19.33 -1.80 0.00	21.36 -2.32 0.00	22.63 -2.24 0.00	23.56 -2.56 0.00	24.32 -2.76 0.00	24.37 -2.56 0.00	24.51 -2.78 0.00	24.96 -2.71 0.00	24.15 -2.80 0.00	24.06 -2.61 0.00	22.94 -2.52 0.00	22.81 -2.48 0.00	23.28 -2.64 0.00	25.17 -2.77 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	38.88 -3.80 0.00	41.57 -3.96 0.00	36.10 -3.70 0.00	29.14 -3.31 0.00	25.32 -2.47 0.00
HUNTLEY___67 23561	27.46 -2.78 0.00	22.74 -2.50 0.00	21.12 -2.06 0.00	19.29 -1.84 0.00	21.34 -2.34 0.00	22.60 -2.26 0.00	23.56 -2.56 0.00	24.32 -2.76 0.00	24.40 -2.53 0.00	24.54 -2.76 0.00	24.99 -2.68 0.00	24.17 -2.78 0.00	24.09 -2.59 0.00	22.96 -2.49 0.00	22.81 -2.48 0.00	23.30 -2.62 0.00	25.17 -2.77 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	38.88 -3.80 0.00	41.57 -3.96 0.00	36.10 -3.70 0.00	29.14 -3.31 0.00	25.29 -2.50 0.00
HUNTLEY___68 23562	27.46 -2.78 0.00	22.74 -2.50 0.00	21.12 -2.06 0.00	19.29 -1.84 0.00	21.34 -2.34 0.00	22.60 -2.26 0.00	23.56 -2.56 0.00	24.32 -2.76 0.00	24.40 -2.53 0.00	24.54 -2.76 0.00	24.99 -2.68 0.00	24.17 -2.78 0.00	24.09 -2.59 0.00	22.96 -2.49 0.00	22.81 -2.48 0.00	23.30 -2.62 0.00	25.17 -2.77 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	38.88 -3.80 0.00	41.57 -3.96 0.00	36.10 -3.70 0.00	29.14 -3.31 0.00	25.29 -2.50 0.00



HYLAND___LFGE 323620	29.25 -1.00 0.00	24.35 -0.88 0.00	22.49 -0.69 0.00	20.53 -0.59 0.00	22.85 -0.83 0.00	24.09 -0.77 0.00	25.23 -0.89 0.00	26.21 -0.87 0.00	25.96 -0.97 0.00	26.15 -1.15 0.00	26.34 -1.33 0.00	25.44 -1.51 0.00	25.21 -1.47 0.00	23.93 -1.53 0.00	23.85 -1.44 0.00	24.37 -1.55 0.00	26.56 -1.37 0.00	30.73 -1.25 0.00	36.53 -0.94 0.00	42.42 -0.25 0.00	45.44 -0.09 0.00	39.60 -0.20 0.00	31.61 -0.84 0.00	27.30 -0.50 0.00
INDECK___CORINTH 23802	31.46 1.21 0.00	26.48 1.24 0.00	24.36 1.18 0.00	21.91 0.78 0.00	24.53 0.85 0.00	25.76 0.89 0.00	26.96 0.84 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.44 0.77 0.00	27.73 0.78 0.00	27.35 0.67 0.00	26.09 0.64 0.00	25.87 0.58 0.00	26.52 0.60 0.00	28.63 0.70 0.00	32.81 0.83 0.00	38.58 1.12 0.00	44.04 1.37 0.00	46.99 1.46 0.00	41.03 1.24 0.00	33.46 1.01 0.00	28.74 0.95 0.00
INDECK___ILION 23567	30.28 0.03 0.00	25.34 0.10 0.00	23.30 0.12 0.00	21.23 0.11 0.00	23.78 0.09 0.00	24.96 0.10 0.00	26.20 0.08 0.00	27.16 0.08 0.00	27.01 0.08 0.00	27.38 0.08 0.00	27.75 0.08 0.00	27.03 0.08 0.00	26.71 0.03 0.00	25.48 0.03 0.00	25.29 0.00 0.00	25.92 0.00 0.00	27.93 0.00 0.00	31.98 0.00 0.00	37.50 0.04 0.00	42.76 0.09 0.00	45.71 0.18 0.00	39.92 0.12 0.00	32.55 0.10 0.00	27.88 0.08 0.00
INDECK___OLEAN 23982	28.22 -2.03 0.00	23.50 -1.74 0.00	21.83 -1.35 0.00	19.90 -1.23 0.00	22.07 -1.61 0.00	23.32 -1.54 0.00	24.37 -1.75 0.00	25.11 -1.98 0.00	25.07 -1.86 0.00	25.27 -2.02 0.00	25.73 -1.94 0.00	24.93 -2.02 0.00	24.73 -1.95 0.00	23.55 -1.91 0.00	23.42 -1.87 0.00	23.90 -2.02 0.00	25.61 -2.32 0.00	29.49 -2.49 0.00	34.69 -2.77 0.00	40.11 -2.56 0.00	42.84 -2.69 0.00	37.13 -2.67 0.00	30.11 -2.34 0.00	26.29 -1.50 0.00
INDECK___OSWEGO 23783	28.80 -1.45 0.00	24.10 -1.14 0.00	22.18 -1.00 0.00	20.22 -0.91 0.00	22.59 -1.09 0.00	23.72 -1.14 0.00	24.89 -1.23 0.00	25.86 -1.22 0.00	25.77 -1.16 0.00	26.12 -1.17 0.00	26.48 -1.19 0.00	25.74 -1.21 0.00	25.51 -1.17 0.00	24.31 -1.15 0.00	24.18 -1.11 0.00	24.78 -1.14 0.00	26.73 -1.20 0.00	30.64 -1.34 0.00	35.85 -1.61 0.00	40.92 -1.75 0.00	43.71 -1.82 0.00	38.16 -1.63 0.00	30.99 -1.46 0.00	26.57 -1.22 0.00
INDECK___YERKES 23781	27.50 -2.75 0.00	22.79 -2.45 0.00	21.21 -1.97 0.00	19.33 -1.80 0.00	21.41 -2.27 0.00	22.65 -2.21 0.00	23.59 -2.53 0.00	24.32 -2.76 0.00	24.34 -2.59 0.00	24.54 -2.76 0.00	24.99 -2.68 0.00	24.17 -2.78 0.00	24.07 -2.61 0.00	22.94 -2.52 0.00	22.81 -2.48 0.00	23.28 -2.64 0.00	25.11 -2.82 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	39.09 -3.58 0.00	41.61 -3.92 0.00	36.14 -3.66 0.00	29.24 -3.21 0.00	25.63 -2.17 0.00
INDIAN POINT_GT_1 24139	31.49 1.24 0.00	26.50 1.26 0.00	24.41 1.23 0.00	22.25 1.12 0.00	24.84 1.16 0.00	26.01 1.14 0.00	27.17 1.04 0.00	28.11 1.03 0.00	27.98 1.05 0.00	28.41 1.12 0.00	28.83 1.16 0.00	28.13 1.19 0.00	27.88 1.20 0.00	26.65 1.20 0.00	26.53 1.24 0.00	27.19 1.27 0.00	29.16 1.23 0.00	33.45 1.47 0.00	39.18 1.72 0.00	44.47 1.79 0.00	47.49 1.96 0.00	41.35 1.55 0.00	33.85 1.40 0.00	29.02 1.22 0.00
INDIAN POINT_GT_2 23659	31.49 1.24 0.00	26.50 1.26 0.00	24.41 1.23 0.00	22.25 1.12 0.00	24.84 1.16 0.00	26.01 1.14 0.00	27.17 1.04 0.00	28.11 1.03 0.00	27.98 1.05 0.00	28.41 1.12 0.00	28.83 1.16 0.00	28.13 1.19 0.00	27.88 1.20 0.00	26.65 1.20 0.00	26.53 1.24 0.00	27.19 1.27 0.00	29.16 1.23 0.00	33.45 1.47 0.00	39.18 1.72 0.00	44.47 1.79 0.00	47.49 1.96 0.00	41.35 1.55 0.00	33.85 1.40 0.00	29.02 1.22 0.00
INDIAN POINT_GT_3 24019	31.49 1.24 0.00	26.50 1.26 0.00	24.41 1.23 0.00	22.25 1.12 0.00	24.84 1.16 0.00	26.01 1.14 0.00	27.17 1.04 0.00	28.11 1.03 0.00	27.98 1.05 0.00	28.41 1.12 0.00	28.83 1.16 0.00	28.13 1.19 0.00	27.88 1.20 0.00	26.65 1.20 0.00	26.53 1.24 0.00	27.19 1.27 0.00	29.16 1.23 0.00	33.45 1.47 0.00	39.18 1.72 0.00	44.47 1.79 0.00	47.49 1.96 0.00	41.35 1.55 0.00	33.85 1.40 0.00	29.02 1.22 0.00
INDIAN POINT___2 23530	31.46 1.21 0.00	26.48 1.24 0.00	24.38 1.20 0.00	22.22 1.10 0.00	24.82 1.14 0.00	25.98 1.12 0.00	27.14 1.02 0.00	28.08 1.00 0.00	27.98 1.05 0.00	28.39 1.09 0.00	28.81 1.13 0.00	28.11 1.16 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.50 1.21 0.00	27.17 1.24 0.00	29.16 1.23 0.00	33.42 1.44 0.00	39.15 1.69 0.00	44.38 1.71 0.00	47.44 1.91 0.00	41.31 1.51 0.00	33.81 1.36 0.00	28.91 1.11 0.00
INDIAN POINT___3 23531	31.46 1.21 0.00	26.48 1.24 0.00	24.41 1.23 0.00	22.22 1.10 0.00	24.82 1.14 0.00	25.98 1.12 0.00	27.14 1.02 0.00	28.08 1.00 0.00	27.98 1.05 0.00	28.39 1.09 0.00	28.81 1.13 0.00	28.13 1.19 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.50 1.21 0.00	27.17 1.24 0.00	29.16 1.23 0.00	33.42 1.44 0.00	39.15 1.69 0.00	44.42 1.75 0.00	47.44 1.91 0.00	41.31 1.51 0.00	33.81 1.36 0.00	28.99 1.20 0.00
INGHAM_C_115KV_TB7 356103	30.37 0.12 0.00	25.42 0.18 0.00	23.37 0.19 0.00	21.30 0.17 0.00	23.85 0.17 0.00	25.04 0.17 0.00	26.30 0.18 0.00	27.27 0.19 0.00	27.12 0.19 0.00	27.48 0.19 0.00	27.86 0.19 0.00	27.11 0.16 0.00	26.79 0.11 0.00	25.51 0.05 0.00	25.34 0.05 0.00	25.95 0.03 0.00	27.96 0.03 0.00	32.04 0.06 0.00	37.61 0.15 0.00	42.93 0.26 0.00	45.89 0.36 0.00	40.08 0.28 0.00	32.65 0.19 0.00	27.99 0.19 0.00
IP CORINTH___1 23988	31.46 1.21 0.00	26.48 1.24 0.00	24.36 1.18 0.00	21.91 0.78 0.00	24.53 0.85 0.00	25.76 0.90 0.00	26.96 0.84 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.45 0.77 0.00	27.73 0.78 0.00	27.35 0.67 0.00	26.09 0.64 0.00	25.87 0.58 0.00	26.52 0.60 0.00	28.63 0.70 0.00	32.81 0.83 0.00	38.58 1.12 0.00	44.04 1.37 0.00	46.99 1.46 0.00	41.03 1.23 0.00	33.46 1.01 0.00	28.74 0.95 0.00
IP___TICONDEROGA 23804	32.30 2.06 0.00	27.26 2.02 0.00	25.01 1.83 0.00	22.46 1.33 0.00	25.20 1.52 0.00	26.56 1.69 0.00	27.77 1.65 0.00	28.71 1.62 0.00	28.44 1.51 0.00	28.79 1.50 0.00	29.14 1.47 0.00	28.38 1.43 0.00	27.91 1.23 0.00	26.58 1.12 0.00	26.38 1.09 0.00	27.04 1.11 0.00	29.30 1.37 0.00	33.64 1.66 0.00	39.67 2.21 0.00	45.45 2.77 0.00	48.49 2.96 0.00	42.34 2.55 0.00	34.53 2.08 0.00	29.63 1.83 0.00
ISLIP_RES_REC 323679	35.70 2.48 -2.97	30.47 2.27 -2.96	27.99 2.18 -2.63	24.65 2.03 -1.50	26.69 2.18 -0.83	29.06 2.16 -2.04	30.46 2.11 -2.22	31.27 2.11 -2.08	31.84 2.16 -2.76	32.13 2.13 -2.70	32.43 2.19 -2.57	30.87 2.05 -1.87	30.62 2.03 -1.91	29.64 1.96 -2.23	30.08 2.02 -2.77	30.68 2.07 -2.69	34.12 2.15 -4.03	37.60 2.85 -2.78	43.46 3.37 -2.63	48.18 3.63 -1.88	51.68 4.01 -2.15	45.10 3.26 -2.04	37.62 2.79 -2.38	32.39 2.28 -2.32

JAMAICA__27_KV_LOAD 355505	31.74 1.30 -0.19	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.06 1.19 0.00	27.24 1.12 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.60 1.31 0.00	29.21 1.33 -0.22	28.35 1.40 0.00	28.09 1.41 0.00	26.77 1.27 -0.04	27.03 1.47 -0.27	27.66 1.53 -0.21	29.95 1.34 -0.68	33.67 1.69 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.67 2.14 0.00	41.47 1.67 0.00	34.04 1.59 0.00	29.19 1.25 -0.14
JANIS__SOLAR 323808	30.55 0.30 0.00	25.64 0.40 0.00	23.60 0.42 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.29 0.42 0.00	26.54 0.42 0.00	27.54 0.46 0.00	27.41 0.49 0.00	27.59 0.30 0.00	28.00 0.33 0.00	27.14 0.19 0.00	26.76 0.08 0.00	25.46 0.00 0.00	25.39 0.10 0.00	26.05 0.13 0.00	28.24 0.31 0.00	32.46 0.48 0.00	38.25 0.79 0.00	43.91 1.24 0.00	47.03 1.50 0.00	40.99 1.19 0.00	33.13 0.68 0.00	28.32 0.53 0.00
JARVIS____ 23743	30.19 -0.06 0.00	25.24 0.00 0.00	23.23 0.05 0.00	21.15 0.02 0.00	23.68 0.00 0.00	24.86 0.00 0.00	26.10 -0.03 0.00	27.03 -0.05 0.00	26.87 -0.05 0.00	27.24 -0.05 0.00	27.62 -0.06 0.00	26.89 -0.05 0.00	26.60 -0.08 0.00	25.41 -0.05 0.00	25.24 -0.05 0.00	25.84 -0.08 0.00	27.85 -0.08 0.00	31.88 -0.10 0.00	37.39 -0.07 0.00	42.59 -0.09 0.00	45.44 -0.09 0.00	39.72 -0.08 0.00	32.39 -0.06 0.00	27.74 -0.06 0.00
JENNISON____1 23625	30.73 0.48 0.00	25.82 0.58 0.00	23.76 0.58 0.00	21.65 0.53 0.00	24.20 0.52 0.00	25.44 0.57 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.57 0.65 0.00	27.84 0.55 0.00	28.31 0.64 0.00	27.54 0.59 0.00	27.13 0.45 0.00	25.84 0.38 0.00	25.72 0.43 0.00	26.34 0.41 0.00	28.46 0.53 0.00	32.62 0.64 0.00	38.36 0.90 0.00	43.95 1.28 0.00	47.12 1.59 0.00	41.07 1.27 0.00	33.23 0.78 0.00	28.41 0.61 0.00
JENNISON____2 23626	30.73 0.48 0.00	25.82 0.58 0.00	23.76 0.58 0.00	21.65 0.53 0.00	24.20 0.52 0.00	25.44 0.57 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.57 0.65 0.00	27.84 0.55 0.00	28.31 0.64 0.00	27.54 0.59 0.00	27.13 0.45 0.00	25.84 0.38 0.00	25.72 0.43 0.00	26.34 0.41 0.00	28.46 0.53 0.00	32.62 0.64 0.00	38.36 0.90 0.00	43.95 1.28 0.00	47.12 1.59 0.00	41.07 1.27 0.00	33.23 0.78 0.00	28.41 0.61 0.00
JERICOHO_RISE_WT_PWR 323719	30.76 0.51 0.00	25.39 0.15 0.00	23.16 -0.02 0.00	21.15 0.02 0.00	23.73 0.05 0.00	24.94 0.07 0.00	26.38 0.26 0.00	27.38 0.30 0.00	27.20 0.27 0.00	27.57 0.27 0.00	27.92 0.25 0.00	27.14 0.19 0.00	26.92 0.24 0.00	25.64 0.18 0.00	25.39 0.10 0.00	26.05 0.13 0.00	28.15 0.22 0.00	32.14 0.16 0.00	37.65 0.19 0.00	42.97 0.30 0.00	45.71 0.18 0.00	40.24 0.44 0.00	32.78 0.32 0.00	27.94 0.14 0.00
KATONAH__115KV_46KV_TB4 355592	31.64 1.39 0.00	26.65 1.41 0.00	24.52 1.34 0.00	22.33 1.20 0.00	24.96 1.28 0.00	26.16 1.29 0.00	27.30 1.18 0.00	28.25 1.16 0.00	28.11 1.18 0.00	28.52 1.23 0.00	29.00 1.33 0.00	28.29 1.35 0.00	27.99 1.31 0.00	26.76 1.30 0.00	26.63 1.34 0.00	27.30 1.37 0.00	29.33 1.40 0.00	33.64 1.66 0.00	39.45 1.99 0.00	44.72 2.05 0.00	47.76 2.23 0.00	41.55 1.75 0.00	34.04 1.59 0.00	29.16 1.36 0.00
KCE_NY_1 323755	31.24 1.00 0.00	26.27 1.04 0.00	24.20 1.02 0.00	21.93 0.80 0.00	24.53 0.85 0.00	25.76 0.89 0.00	26.98 0.86 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.44 0.77 0.00	27.70 0.75 0.00	27.37 0.69 0.00	26.14 0.69 0.00	25.92 0.63 0.00	26.57 0.65 0.00	28.66 0.73 0.00	32.84 0.86 0.00	38.55 1.09 0.00	43.95 1.28 0.00	46.89 1.36 0.00	40.99 1.19 0.00	33.46 1.01 0.00	28.71 0.92 0.00
KCE_NY_6_ESR 323823	27.71 -2.54 0.00	22.99 -2.25 0.00	21.37 -1.81 0.00	19.48 -1.65 0.00	21.57 -2.11 0.00	22.83 -2.04 0.00	23.82 -2.30 0.00	24.59 -2.49 0.00	24.58 -2.34 0.00	24.78 -2.51 0.00	25.24 -2.44 0.00	24.41 -2.53 0.00	24.30 -2.37 0.00	23.14 -2.32 0.00	23.01 -2.28 0.00	23.48 -2.44 0.00	25.31 -2.63 0.00	29.10 -2.88 0.00	34.20 -3.26 0.00	39.43 -3.24 0.00	42.02 -3.50 0.00	36.49 -3.30 0.00	29.56 -2.89 0.00	25.88 -1.92 0.00
KEDC_PORT_JEFF_GT2 24210	35.22 2.33 -2.64	30.05 2.14 -2.67	27.64 2.09 -2.37	24.42 1.94 -1.35	26.51 2.08 -0.74	28.74 2.04 -1.84	30.11 1.98 -2.01	30.93 1.98 -1.87	31.44 2.02 -2.49	31.75 2.02 -2.44	32.00 2.05 -2.28	30.52 1.89 -1.69	30.27 1.87 -1.73	29.29 1.83 -2.00	29.62 1.87 -2.46	30.25 1.95 -2.39	33.42 1.98 -3.50	37.11 2.62 -2.51	42.91 3.07 -2.37	47.70 3.33 -1.70	51.11 3.64 -1.94	44.63 2.99 -1.84	37.16 2.56 -2.15	31.97 2.11 -2.06
KEDC_PORT_JEFF_GT3 24211	35.22 2.33 -2.64	30.05 2.14 -2.67	27.64 2.09 -2.37	24.42 1.94 -1.35	26.51 2.08 -0.74	28.74 2.04 -1.84	30.11 1.98 -2.01	30.93 1.98 -1.87	31.44 2.02 -2.49	31.75 2.02 -2.44	32.00 2.05 -2.28	30.52 1.89 -1.69	30.27 1.87 -1.73	29.29 1.83 -2.00	29.62 1.87 -2.46	30.25 1.95 -2.39	33.42 1.98 -3.50	37.11 2.62 -2.51	42.91 3.07 -2.37	47.70 3.33 -1.70	51.11 3.64 -1.94	44.63 2.99 -1.84	37.16 2.56 -2.15	31.97 2.11 -2.06
KEDC_GLWD_GT4 24219	47.83 1.72 -15.85	41.18 1.72 -14.22	37.47 1.65 -12.64	29.86 1.50 -7.24	29.34 1.61 -4.04	36.25 1.59 -9.80	38.33 1.51 -10.70	38.58 1.52 -9.98	41.66 1.53 -13.20	41.81 1.58 -12.93	43.44 1.63 -14.14	37.62 1.67 -9.00	37.57 1.68 -9.20	38.14 1.65 -11.03	41.77 1.69 -14.78	42.24 1.74 -14.58	54.66 1.73 -25.00	47.23 1.95 -13.30	52.26 2.21 -12.59	53.98 2.30 -9.01	58.34 2.55 -10.27	51.63 2.07 -9.76	45.69 1.85 -11.39	41.68 1.61 -12.28
KEDC_GLWD_GT5 24220	47.83 1.72 -15.85	41.18 1.72 -14.22	37.47 1.65 -12.64	29.86 1.50 -7.24	29.34 1.61 -4.04	36.25 1.59 -9.80	38.33 1.51 -10.70	38.58 1.52 -9.98	41.66 1.53 -13.20	41.81 1.58 -12.93	43.44 1.63 -14.14	37.62 1.67 -9.00	37.57 1.68 -9.20	38.14 1.65 -11.03	41.77 1.69 -14.78	42.24 1.74 -14.58	54.66 1.73 -25.00	47.23 1.95 -13.30	52.26 2.21 -12.59	53.98 2.30 -9.01	58.34 2.55 -10.27	51.63 2.07 -9.76	45.69 1.85 -11.39	41.68 1.61 -12.28
KENSICO____ 23655	31.55 1.30 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.08 1.22 0.00	27.22 1.10 0.00	28.19 1.11 0.00	28.06 1.13 0.00	28.49 1.20 0.00	28.92 1.25 0.00	28.24 1.29 0.00	27.96 1.28 0.00	26.73 1.27 0.00	26.61 1.32 0.00	27.27 1.35 0.00	29.27 1.34 0.00	33.58 1.60 0.00	39.30 1.84 0.00	44.59 1.92 0.00	47.62 2.09 0.00	41.47 1.67 0.00	33.94 1.49 0.00	29.10 1.31 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.61 1.36 0.00	26.60 1.36 0.00	24.45 1.27 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.11 1.03 0.00	27.98 1.05 0.00	28.30 1.01 0.00	28.69 1.02 0.00	28.05 1.10 0.00	27.80 1.12 0.00	26.58 1.12 0.00	26.45 1.16 0.00	27.11 1.19 0.00	29.19 1.26 0.00	33.51 1.54 0.00	39.30 1.84 0.00	44.55 1.88 0.00	47.72 2.19 0.00	41.51 1.71 0.00	34.01 1.56 0.00	29.13 1.33 0.00

KIAC_JFK_GT1 23816	31.59 1.15 -0.19	26.45 1.21 0.00	24.36 1.18 0.00	22.18 1.06 0.00	24.80 1.11 0.00	25.93 1.07 0.00	27.11 0.99 0.00	28.11 1.03 0.00	28.01 1.08 0.00	28.47 1.17 0.00	29.08 1.19 -0.22	28.21 1.27 0.00	27.96 1.28 0.00	26.64 1.15 -0.04	26.90 1.34 -0.27	27.53 1.40 -0.21	29.81 1.20 -0.68	33.51 1.54 0.00	39.07 1.61 0.00	44.25 1.58 0.00	47.26 1.73 0.00	41.11 1.31 0.00	33.85 1.40 0.00	29.05 1.11 -0.14
KIAC_JFK_GT2 23817	31.59 1.15 -0.19	26.45 1.21 0.00	24.36 1.18 0.00	22.18 1.06 0.00	24.80 1.11 0.00	25.93 1.07 0.00	27.11 0.99 0.00	28.11 1.03 0.00	28.01 1.08 0.00	28.47 1.17 0.00	29.08 1.19 -0.22	28.21 1.27 0.00	27.96 1.28 0.00	26.64 1.15 -0.04	26.90 1.34 -0.27	27.53 1.40 -0.21	29.81 1.20 -0.68	33.51 1.54 0.00	39.07 1.61 0.00	44.25 1.58 0.00	47.26 1.73 0.00	41.11 1.31 0.00	33.85 1.40 0.00	29.05 1.11 -0.14
KIAC_JFK____ 323774	31.59 1.15 -0.19	26.45 1.21 0.00	24.36 1.18 0.00	22.18 1.06 0.00	24.80 1.11 0.00	25.93 1.07 0.00	27.11 0.99 0.00	28.11 1.03 0.00	28.01 1.08 0.00	28.47 1.17 0.00	29.08 1.19 -0.22	28.21 1.27 0.00	27.96 1.28 0.00	26.64 1.15 -0.04	26.90 1.34 -0.27	27.56 1.42 -0.21	29.98 1.37 -0.68	33.61 1.63 0.00	39.07 1.61 0.00	44.21 1.53 0.00	47.26 1.73 0.00	41.11 1.31 0.00	33.78 1.33 0.00	28.97 1.03 -0.14
KINTIGH__24_KV_GSU 356498	27.62 -2.63 0.00	22.92 -2.32 0.00	21.26 -1.92 0.00	19.42 -1.71 0.00	21.50 -2.18 0.00	22.73 -2.14 0.00	23.74 -2.38 0.00	24.56 -2.52 0.00	24.58 -2.34 0.00	24.78 -2.51 0.00	25.21 -2.46 0.00	24.41 -2.53 0.00	24.33 -2.35 0.00	23.19 -2.27 0.00	23.06 -2.23 0.00	23.56 -2.36 0.00	25.45 -2.49 0.00	29.20 -2.78 0.00	34.24 -3.22 0.00	39.39 -3.28 0.00	41.93 -3.60 0.00	36.45 -3.34 0.00	29.47 -2.98 0.00	25.66 -2.14 0.00
KINTIGH____ 23543	27.62 -2.63 0.00	22.92 -2.32 0.00	21.23 -1.95 0.00	19.41 -1.71 0.00	21.48 -2.20 0.00	22.73 -2.14 0.00	23.74 -2.38 0.00	24.56 -2.52 0.00	24.61 -2.32 0.00	24.78 -2.51 0.00	25.18 -2.49 0.00	24.41 -2.53 0.00	24.33 -2.35 0.00	23.19 -2.27 0.00	23.07 -2.23 0.00	23.56 -2.36 0.00	25.50 -2.43 0.00	29.20 -2.78 0.00	34.24 -3.22 0.00	39.22 -3.46 0.00	41.93 -3.60 0.00	36.45 -3.34 0.00	29.40 -3.05 0.00	25.41 -2.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.25 1.00 0.00	25.77 0.53 0.00	23.50 0.32 0.00	21.49 0.36 0.00	24.08 0.40 0.00	25.29 0.42 0.00	26.75 0.63 0.00	27.76 0.68 0.00	27.60 0.67 0.00	28.00 0.71 0.00	28.36 0.69 0.00	27.51 0.57 0.00	27.29 0.61 0.00	25.99 0.53 0.00	25.75 0.46 0.00	26.41 0.49 0.00	28.57 0.64 0.00	32.62 0.64 0.00	38.17 0.71 0.00	43.65 0.98 0.00	46.44 0.91 0.00	40.87 1.07 0.00	33.26 0.81 0.00	28.35 0.56 0.00
LACHUTE____HYDRO 323717	32.31 2.06 0.00	27.26 2.02 0.00	25.01 1.83 0.00	22.46 1.33 0.00	25.20 1.52 0.00	26.56 1.69 0.00	27.77 1.65 0.00	28.71 1.62 0.00	28.43 1.51 0.00	28.79 1.50 0.00	29.16 1.49 0.00	28.37 1.43 0.00	27.91 1.23 0.00	26.58 1.12 0.00	26.38 1.09 0.00	27.04 1.11 0.00	29.30 1.37 0.00	33.64 1.66 0.00	39.67 2.21 0.00	45.49 2.82 0.00	48.49 2.96 0.00	42.35 2.55 0.00	34.53 2.08 0.00	29.63 1.83 0.00
LAWRNCALV_115KV_TB1 80681	30.46 0.21 0.00	24.99 -0.25 0.00	22.76 -0.42 0.00	20.79 -0.34 0.00	23.35 -0.33 0.00	24.54 -0.32 0.00	26.12 0.00 0.00	27.05 -0.03 0.00	26.87 -0.05 0.00	27.21 -0.08 0.00	27.56 -0.11 0.00	26.79 -0.16 0.00	26.55 -0.13 0.00	25.28 -0.18 0.00	25.04 -0.25 0.00	25.71 -0.21 0.00	27.85 -0.08 0.00	31.79 -0.19 0.00	37.27 -0.19 0.00	42.59 -0.09 0.00	45.03 -0.50 0.00	39.92 0.12 0.00	32.48 0.03 0.00	27.69 -0.11 0.00
LEDERLE____ 23769	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.89 1.21 0.00	26.08 1.22 0.00	27.22 1.10 0.00	28.16 1.08 0.00	28.03 1.10 0.00	28.44 1.15 0.00	28.86 1.19 0.00	28.19 1.24 0.00	27.93 1.25 0.00	26.70 1.25 0.00	26.58 1.29 0.00	27.24 1.32 0.00	29.25 1.31 0.00	33.51 1.54 0.00	39.26 1.80 0.00	44.55 1.88 0.00	47.62 2.09 0.00	41.43 1.63 0.00	33.94 1.49 0.00	29.07 1.28 0.00
LIGHTHSE_115KV_TB6 355974	29.31 -0.94 0.00	24.53 -0.71 0.00	22.55 -0.63 0.00	20.56 -0.57 0.00	23.00 -0.69 0.00	24.12 -0.75 0.00	25.29 -0.84 0.00	26.24 -0.84 0.00	26.09 -0.83 0.00	26.45 -0.85 0.00	26.87 -0.80 0.00	26.09 -0.86 0.00	25.83 -0.85 0.00	24.59 -0.87 0.00	24.43 -0.86 0.00	25.04 -0.88 0.00	27.07 -0.87 0.00	30.99 -0.99 0.00	36.37 -1.09 0.00	41.61 -1.07 0.00	44.48 -1.05 0.00	38.96 -0.84 0.00	31.61 -0.84 0.00	26.99 -0.81 0.00
LINDEN COGEN____ 23786	31.52 1.27 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.31 1.18 0.00	24.91 1.23 0.00	26.06 1.19 0.00	27.24 1.12 0.00	28.19 1.11 0.00	28.11 1.18 0.00	28.52 1.23 0.00	28.92 1.25 0.00	28.27 1.32 0.00	28.01 1.33 0.00	26.78 1.32 0.00	26.68 1.39 0.00	27.35 1.42 0.00	29.33 1.40 0.00	33.67 1.69 0.00	39.37 1.91 0.00	44.55 1.88 0.00	47.63 2.10 0.00	41.47 1.67 0.00	33.91 1.46 0.00	28.96 1.17 0.00
LINDHRST_69_KV_BK1 356055	41.18 2.39 -8.55	35.33 2.22 -7.87	32.31 2.13 -6.99	27.10 1.94 -4.03	28.03 2.08 -2.27	32.37 2.09 -5.42	34.08 2.04 -5.92	34.66 2.06 -5.52	36.31 2.07 -7.31	36.55 2.10 -7.16	37.40 2.16 -7.57	34.06 2.13 -4.98	33.88 2.11 -5.09	33.60 2.09 -6.06	35.39 2.12 -7.97	35.93 2.18 -7.84	43.20 2.23 -13.04	42.09 2.75 -7.36	47.62 3.18 -6.97	51.16 3.50 -4.99	54.99 3.78 -5.68	48.31 3.10 -5.40	41.45 2.69 -6.31	36.70 2.28 -6.63
LIPA_MISC_IPP 23656	35.03 2.30 -2.49	29.89 2.12 -2.53	27.52 2.09 -2.25	24.33 1.92 -1.28	26.47 2.08 -0.70	28.65 2.04 -1.74	29.98 1.96 -1.90	30.81 1.95 -1.78	31.26 1.97 -2.36	31.57 1.97 -2.31	31.80 1.99 -2.14	30.41 1.86 -1.60	30.18 1.87 -1.64	29.13 1.78 -1.89	29.45 1.85 -2.31	30.06 1.89 -2.24	33.11 1.93 -3.25	36.95 2.59 -2.38	42.82 3.11 -2.25	47.70 3.41 -1.61	51.06 3.69 -1.84	44.53 2.98 -1.75	37.09 2.60 -2.04	31.91 2.17 -1.94
LISF____SOLAR 323691	35.15 2.36 -2.54	29.99 2.17 -2.58	27.58 2.11 -2.30	24.39 1.97 -1.30	26.53 2.13 -0.72	28.70 2.06 -1.78	30.07 2.01 -1.94	30.90 2.00 -1.81	31.38 2.05 -2.41	31.65 1.99 -2.36	31.88 2.02 -2.19	30.47 1.89 -1.63	30.24 1.89 -1.67	29.20 1.81 -1.93	29.53 1.87 -2.37	30.16 1.95 -2.30	33.29 2.01 -3.34	37.06 2.65 -2.43	42.94 3.18 -2.30	47.77 3.46 -1.65	51.18 3.78 -1.88	44.69 3.11 -1.78	37.16 2.63 -2.08	31.95 2.17 -1.99
LITTLE FALLS____HYD 24013	30.37 0.12 0.00	25.42 0.18 0.00	23.37 0.19 0.00	21.30 0.17 0.00	23.85 0.17 0.00	25.04 0.17 0.00	26.30 0.18 0.00	27.27 0.19 0.00	27.12 0.19 0.00	27.48 0.19 0.00	27.86 0.19 0.00	27.11 0.16 0.00	26.79 0.11 0.00	25.51 0.05 0.00	25.34 0.05 0.00	25.95 0.03 0.00	27.96 0.03 0.00	32.04 0.06 0.00	37.61 0.15 0.00	42.93 0.26 0.00	45.89 0.36 0.00	40.08 0.28 0.00	32.65 0.19 0.00	27.99 0.19 0.00

LITTLRIV_115KV_TB1 356100	30.79 0.54 0.00	25.29 0.05 0.00	23.02 -0.16 0.00	21.02 -0.11 0.00	23.63 -0.05 0.00	24.84 -0.02 0.00	26.41 0.29 0.00	27.35 0.27 0.00	27.12 0.19 0.00	27.40 0.11 0.00	27.73 0.06 0.00	26.95 0.00 0.00	26.71 0.03 0.00	25.43 -0.03 0.00	25.19 -0.10 0.00	25.90 -0.03 0.00	28.07 0.14 0.00	32.11 0.13 0.00	37.72 0.26 0.00	43.14 0.47 0.00	45.71 0.18 0.00	40.47 0.68 0.00	32.94 0.49 0.00	28.02 0.22 0.00
LI_NEWBRDGE___DRP 323616	32.20 1.69 -0.26	27.56 1.72 -0.60	25.41 1.69 -0.53	22.95 1.54 -0.28	25.45 1.63 -0.14	26.92 1.64 -0.41	28.11 1.54 -0.45	29.05 1.54 -0.42	29.01 1.51 -0.57	29.41 1.56 -0.56	29.39 1.58 -0.14	28.97 1.64 -0.38	28.69 1.63 -0.39	27.44 1.60 -0.38	27.15 1.62 -0.24	27.77 1.66 -0.19	29.19 1.65 0.39	34.57 2.01 -0.58	40.26 2.25 -0.55	45.46 2.39 -0.39	48.53 2.55 -0.45	42.29 2.07 -0.43	34.86 1.91 -0.50	29.66 1.64 -0.23
LOCKPORT_115KV_TB60_63_64 80432	27.25 -2.99 0.00	22.56 -2.68 0.00	20.95 -2.23 0.00	19.14 -1.99 0.00	21.17 -2.51 0.00	22.40 -2.46 0.00	23.38 -2.74 0.00	24.13 -2.95 0.00	24.18 -2.75 0.00	24.32 -2.98 0.00	24.77 -2.91 0.00	23.96 -2.99 0.00	23.88 -2.80 0.00	22.76 -2.70 0.00	22.64 -2.66 0.00	23.10 -2.83 0.00	25.03 -2.90 0.00	28.69 -3.29 0.00	33.64 -3.82 0.00	38.62 -4.05 0.00	41.30 -4.23 0.00	35.90 -3.90 0.00	28.91 -3.54 0.00	25.10 -2.70 0.00
LOCKPORT___CC1 323769	27.25 -3.00 0.00	22.59 -2.65 0.00	21.00 -2.18 0.00	19.16 -1.96 0.00	21.20 -2.49 0.00	22.43 -2.44 0.00	23.40 -2.72 0.00	24.16 -2.93 0.00	24.18 -2.75 0.00	24.35 -2.95 0.00	24.79 -2.88 0.00	23.98 -2.96 0.00	23.90 -2.78 0.00	22.78 -2.67 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	24.97 -2.96 0.00	28.69 -3.29 0.00	33.68 -3.78 0.00	38.79 -3.88 0.00	41.30 -4.23 0.00	35.90 -3.90 0.00	29.01 -3.44 0.00	25.41 -2.39 0.00
LOCKPORT___CC2 323770	27.25 -3.00 0.00	22.59 -2.65 0.00	21.00 -2.18 0.00	19.16 -1.96 0.00	21.20 -2.49 0.00	22.43 -2.44 0.00	23.40 -2.72 0.00	24.16 -2.93 0.00	24.18 -2.75 0.00	24.35 -2.95 0.00	24.79 -2.88 0.00	23.98 -2.96 0.00	23.90 -2.78 0.00	22.78 -2.67 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	24.97 -2.96 0.00	28.69 -3.29 0.00	33.68 -3.78 0.00	38.79 -3.88 0.00	41.30 -4.23 0.00	35.90 -3.90 0.00	29.01 -3.44 0.00	25.41 -2.39 0.00
LOCKPORT___CC3 323771	27.25 -3.00 0.00	22.59 -2.65 0.00	21.00 -2.18 0.00	19.16 -1.96 0.00	21.20 -2.49 0.00	22.43 -2.44 0.00	23.40 -2.72 0.00	24.16 -2.93 0.00	24.18 -2.75 0.00	24.35 -2.95 0.00	24.79 -2.88 0.00	23.98 -2.96 0.00	23.90 -2.78 0.00	22.78 -2.67 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	24.97 -2.96 0.00	28.69 -3.29 0.00	33.68 -3.78 0.00	38.79 -3.88 0.00	41.30 -4.23 0.00	35.90 -3.90 0.00	29.01 -3.44 0.00	25.41 -2.39 0.00
LOCUSVLY_69_KV_BK2 55797	44.85 1.88 -12.72	38.59 1.84 -11.51	35.20 1.78 -10.23	28.62 1.63 -5.86	28.69 1.73 -3.28	34.51 1.72 -7.93	36.43 1.65 -8.66	36.81 1.65 -8.08	39.29 1.67 -10.69	39.51 1.75 -10.47	40.77 1.77 -11.32	36.04 1.81 -7.29	35.94 1.81 -7.45	36.15 1.78 -8.91	38.98 1.82 -11.86	39.48 1.87 -11.69	49.65 1.87 -19.85	44.95 2.21 -10.77	50.09 2.43 -10.19	52.57 2.60 -7.29	56.66 2.82 -8.31	50.01 2.31 -7.90	43.78 2.11 -9.22	39.49 1.83 -9.86
LONG_LAKE_PHOENIX 24014	28.89 -1.36 0.00	24.20 -1.03 0.00	22.28 -0.90 0.00	20.30 -0.82 0.00	22.69 -0.99 0.00	23.82 -1.04 0.00	25.00 -1.12 0.00	25.97 -1.11 0.00	25.90 -1.02 0.00	26.28 -1.01 0.00	26.67 -1.00 0.00	25.90 -1.05 0.00	25.64 -1.04 0.00	24.44 -1.02 0.00	24.33 -0.96 0.00	24.94 -0.99 0.00	26.93 -1.01 0.00	30.80 -1.18 0.00	36.04 -1.42 0.00	41.14 -1.54 0.00	43.94 -1.59 0.00	38.36 -1.43 0.00	31.12 -1.33 0.00	26.63 -1.17 0.00
LOVETT___3 23632	31.43 1.18 0.00	26.45 1.21 0.00	24.39 1.21 0.00	22.20 1.08 0.00	24.80 1.11 0.00	25.96 1.09 0.00	27.11 0.99 0.00	28.06 0.97 0.00	27.95 1.02 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.11 1.17 0.00	33.39 1.41 0.00	39.11 1.65 0.00	44.38 1.71 0.00	47.40 1.87 0.00	41.27 1.47 0.00	33.78 1.33 0.00	28.96 1.17 0.00
LOVETT___4 23642	31.43 1.18 0.00	26.45 1.21 0.00	24.39 1.21 0.00	22.20 1.08 0.00	24.80 1.11 0.00	25.96 1.09 0.00	27.11 0.99 0.00	28.06 0.97 0.00	27.95 1.02 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.11 1.17 0.00	33.39 1.41 0.00	39.11 1.65 0.00	44.38 1.71 0.00	47.40 1.87 0.00	41.27 1.47 0.00	33.78 1.33 0.00	28.96 1.17 0.00
LOVETT___5 23593	31.43 1.18 0.00	26.45 1.21 0.00	24.39 1.21 0.00	22.20 1.08 0.00	24.80 1.11 0.00	25.96 1.09 0.00	27.11 0.99 0.00	28.06 0.97 0.00	27.95 1.02 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.11 1.17 0.00	33.39 1.41 0.00	39.11 1.65 0.00	44.38 1.71 0.00	47.40 1.87 0.00	41.27 1.47 0.00	33.78 1.33 0.00	28.96 1.17 0.00
LOWER RAQUET___HYD 24057	30.34 0.09 0.00	24.89 -0.35 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.26 -0.43 0.00	24.44 -0.42 0.00	26.02 -0.10 0.00	26.97 -0.11 0.00	26.77 -0.16 0.00	27.07 -0.22 0.00	27.42 -0.25 0.00	26.65 -0.30 0.00	26.41 -0.27 0.00	25.15 -0.30 0.00	24.91 -0.38 0.00	25.58 -0.34 0.00	27.71 -0.22 0.00	31.66 -0.32 0.00	37.12 -0.34 0.00	42.42 -0.25 0.00	44.89 -0.64 0.00	39.80 0.00 0.00	32.39 -0.06 0.00	27.57 -0.22 0.00
LOWER___HUDSON 24059	30.82 0.57 0.00	25.92 0.68 0.00	23.92 0.74 0.00	21.76 0.63 0.00	24.27 0.59 0.00	25.51 0.65 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.39 0.46 0.00	27.79 0.49 0.00	28.11 0.44 0.00	27.41 0.46 0.00	27.11 0.43 0.00	25.89 0.43 0.00	25.64 0.35 0.00	26.31 0.39 0.00	28.32 0.39 0.00	32.49 0.51 0.00	38.10 0.64 0.00	43.40 0.72 0.00	46.30 0.77 0.00	40.39 0.60 0.00	33.00 0.55 0.00	28.35 0.56 0.00
LOWVILLE_115KV_TB2 356335	30.28 0.03 0.00	25.29 0.05 0.00	23.16 -0.02 0.00	21.13 0.00 0.00	23.68 0.00 0.00	24.86 0.00 0.00	26.17 0.05 0.00	27.11 0.03 0.00	26.69 -0.24 0.00	26.91 -0.38 0.00	27.31 -0.36 0.00	26.49 -0.46 0.00	26.12 -0.56 0.00	24.82 -0.64 0.00	24.68 -0.61 0.00	25.33 -0.60 0.00	27.43 -0.50 0.00	31.47 -0.51 0.00	37.05 -0.41 0.00	42.46 -0.21 0.00	45.44 -0.09 0.00	39.88 0.08 0.00	32.35 -0.10 0.00	27.60 -0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.25 1.00 0.00	26.27 1.03 0.00	24.20 1.02 0.00	21.93 0.80 0.00	24.53 0.85 0.00	25.76 0.90 0.00	26.96 0.84 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.42 0.75 0.00	27.70 0.75 0.00	27.37 0.69 0.00	26.12 0.66 0.00	25.90 0.61 0.00	26.54 0.62 0.00	28.63 0.70 0.00	32.81 0.83 0.00	38.55 1.09 0.00	43.91 1.24 0.00	46.90 1.37 0.00	40.95 1.15 0.00	33.43 0.97 0.00	28.71 0.92 0.00

LUTHERNY_35_KV_BK2 355980	31.25 1.00 0.00	26.27 1.03 0.00	24.20 1.02 0.00	21.93 0.80 0.00	24.53 0.85 0.00	25.76 0.90 0.00	26.98 0.86 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.45 0.77 0.00	27.70 0.75 0.00	27.37 0.69 0.00	26.14 0.69 0.00	25.92 0.63 0.00	26.57 0.65 0.00	28.66 0.73 0.00	32.84 0.86 0.00	38.55 1.09 0.00	43.95 1.28 0.00	46.90 1.37 0.00	40.95 1.15 0.00	33.46 1.01 0.00	28.74 0.95 0.00
LWR___OSWEGATCHIE_HYD 23850	30.01 -0.24 0.00	24.83 -0.40 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.23 -0.45 0.00	24.39 -0.47 0.00	25.81 -0.31 0.00	26.76 -0.32 0.00	26.47 -0.46 0.00	26.72 -0.57 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.01 -0.67 0.00	24.74 -0.71 0.00	24.56 -0.73 0.00	25.20 -0.73 0.00	27.32 -0.61 0.00	31.24 -0.74 0.00	36.75 -0.71 0.00	42.08 -0.60 0.00	44.76 -0.77 0.00	39.48 -0.32 0.00	32.09 -0.36 0.00	27.32 -0.47 0.00
LYONS_FALL_HYD 23570	30.34 0.09 0.00	25.37 0.13 0.00	23.27 0.09 0.00	21.21 0.08 0.00	23.78 0.10 0.00	24.96 0.10 0.00	26.25 0.13 0.00	27.19 0.11 0.00	26.87 -0.05 0.00	27.16 -0.14 0.00	27.56 -0.11 0.00	26.79 -0.16 0.00	26.41 -0.27 0.00	25.15 -0.30 0.00	24.99 -0.30 0.00	25.64 -0.28 0.00	27.71 -0.22 0.00	31.76 -0.22 0.00	37.35 -0.11 0.00	42.76 0.09 0.00	45.71 0.18 0.00	40.04 0.24 0.00	32.52 0.07 0.00	27.77 -0.03 0.00
MADISON___COUNTY_LFGE 323628	30.46 0.21 0.00	25.52 0.28 0.00	23.46 0.28 0.00	21.38 0.25 0.00	23.94 0.26 0.00	25.14 0.27 0.00	26.38 0.26 0.00	27.35 0.27 0.00	27.20 0.27 0.00	27.51 0.22 0.00	27.95 0.28 0.00	27.16 0.22 0.00	26.84 0.16 0.00	25.58 0.13 0.00	25.47 0.18 0.00	26.08 0.16 0.00	28.18 0.25 0.00	32.27 0.29 0.00	37.87 0.41 0.00	43.27 0.60 0.00	46.30 0.77 0.00	40.43 0.64 0.00	32.81 0.36 0.00	28.02 0.22 0.00
MALONE___115KV_TB1 356076	31.03 0.79 0.00	25.54 0.30 0.00	23.27 0.09 0.00	21.27 0.15 0.00	23.87 0.19 0.00	25.09 0.22 0.00	26.57 0.44 0.00	27.57 0.49 0.00	27.44 0.51 0.00	27.81 0.52 0.00	28.17 0.50 0.00	27.32 0.38 0.00	27.13 0.45 0.00	25.81 0.36 0.00	25.57 0.28 0.00	26.26 0.34 0.00	28.41 0.47 0.00	32.43 0.45 0.00	37.95 0.49 0.00	43.40 0.73 0.00	46.08 0.55 0.00	40.63 0.84 0.00	33.07 0.62 0.00	28.16 0.36 0.00
MAPLEWOD_115KV_TB3 80458	30.64 0.39 0.00	25.77 0.53 0.00	23.78 0.60 0.00	21.63 0.51 0.00	24.16 0.47 0.00	25.34 0.47 0.00	26.54 0.42 0.00	27.46 0.38 0.00	27.22 0.30 0.00	27.62 0.33 0.00	27.97 0.30 0.00	27.27 0.32 0.00	26.97 0.29 0.00	25.76 0.31 0.00	25.54 0.25 0.00	26.21 0.29 0.00	28.21 0.28 0.00	32.33 0.35 0.00	37.84 0.37 0.00	43.06 0.38 0.00	45.94 0.41 0.00	40.12 0.32 0.00	32.84 0.39 0.00	28.21 0.42 0.00
MAPLE_RIDGE_WT_1 323574	30.07 -0.18 0.00	25.06 -0.18 0.00	23.02 -0.16 0.00	20.98 -0.15 0.00	23.52 -0.16 0.00	24.69 -0.17 0.00	25.99 -0.13 0.00	26.95 -0.13 0.00	26.77 -0.16 0.00	27.13 -0.16 0.00	27.48 -0.19 0.00	26.73 -0.22 0.00	26.44 -0.24 0.00	25.18 -0.28 0.00	24.99 -0.30 0.00	25.58 -0.34 0.00	27.60 -0.33 0.00	31.60 -0.38 0.00	37.01 -0.45 0.00	42.20 -0.47 0.00	45.03 -0.50 0.00	39.40 -0.40 0.00	32.13 -0.32 0.00	27.52 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	30.07 -0.18 0.00	25.06 -0.18 0.00	23.02 -0.16 0.00	20.98 -0.15 0.00	23.52 -0.16 0.00	24.69 -0.17 0.00	25.99 -0.13 0.00	26.95 -0.13 0.00	26.77 -0.16 0.00	27.13 -0.16 0.00	27.48 -0.19 0.00	26.73 -0.22 0.00	26.44 -0.24 0.00	25.18 -0.28 0.00	24.99 -0.30 0.00	25.58 -0.34 0.00	27.60 -0.33 0.00	31.60 -0.38 0.00	37.01 -0.45 0.00	42.20 -0.47 0.00	45.03 -0.50 0.00	39.40 -0.40 0.00	32.13 -0.32 0.00	27.52 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	30.79 0.55 0.00	25.42 0.18 0.00	23.18 0.00 0.00	21.17 0.04 0.00	23.78 0.10 0.00	24.99 0.12 0.00	26.41 0.29 0.00	27.41 0.33 0.00	27.25 0.32 0.00	27.62 0.33 0.00	27.95 0.28 0.00	27.16 0.21 0.00	26.95 0.27 0.00	25.66 0.20 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.18 0.25 0.00	32.17 0.19 0.00	37.69 0.23 0.00	43.01 0.34 0.00	45.76 0.23 0.00	40.28 0.48 0.00	32.81 0.36 0.00	27.99 0.20 0.00
MARSHVLE_115KV_TB1 80742	31.34 1.09 0.00	26.32 1.09 0.00	24.18 1.00 0.00	21.95 0.82 0.00	24.61 0.92 0.00	25.86 0.99 0.00	26.96 0.84 0.00	27.87 0.79 0.00	27.57 0.65 0.00	27.92 0.63 0.00	28.42 0.75 0.00	27.65 0.70 0.00	27.24 0.56 0.00	25.97 0.51 0.00	25.82 0.53 0.00	26.47 0.54 0.00	28.52 0.59 0.00	32.75 0.77 0.00	38.66 1.20 0.00	44.34 1.66 0.00	47.35 1.82 0.00	41.35 1.55 0.00	33.78 1.33 0.00	28.94 1.14 0.00
MARSH_HILL_WT_PWR 323713	28.10 -2.15 0.00	23.45 -1.79 0.00	21.70 -1.48 0.00	19.77 -1.35 0.00	22.02 -1.66 0.00	23.27 -1.59 0.00	24.40 -1.72 0.00	25.32 -1.76 0.00	25.34 -1.59 0.00	25.60 -1.69 0.00	26.01 -1.66 0.00	25.11 -1.83 0.00	24.86 -1.82 0.00	23.62 -1.83 0.00	23.47 -1.82 0.00	23.93 -2.00 0.00	25.87 -2.07 0.00	29.74 -2.24 0.00	35.06 -2.40 0.00	40.41 -2.26 0.00	43.25 -2.28 0.00	37.69 -2.11 0.00	30.44 -2.01 0.00	26.35 -1.45 0.00
MCINTYRE_115KV_TB2 80467	31.09 0.85 0.00	25.54 0.30 0.00	23.23 0.05 0.00	21.23 0.11 0.00	23.87 0.19 0.00	25.09 0.22 0.00	26.67 0.55 0.00	27.62 0.54 0.00	27.36 0.43 0.00	27.62 0.33 0.00	27.95 0.28 0.00	27.14 0.19 0.00	26.92 0.24 0.00	25.61 0.15 0.00	25.39 0.10 0.00	26.10 0.18 0.00	28.32 0.39 0.00	32.40 0.42 0.00	38.10 0.64 0.00	43.61 0.94 0.00	46.21 0.68 0.00	40.95 1.15 0.00	33.30 0.84 0.00	28.32 0.53 0.00
MECO_____69_KV_BK1 80468	31.70 1.45 0.00	26.65 1.41 0.00	24.48 1.30 0.00	22.20 1.08 0.00	24.89 1.21 0.00	26.18 1.32 0.00	27.35 1.23 0.00	28.27 1.19 0.00	27.98 1.05 0.00	28.33 1.04 0.00	28.75 1.08 0.00	27.97 1.02 0.00	27.53 0.85 0.00	26.25 0.79 0.00	26.07 0.78 0.00	26.75 0.83 0.00	28.88 0.95 0.00	33.20 1.22 0.00	39.18 1.72 0.00	44.89 2.22 0.00	47.94 2.41 0.00	41.87 2.07 0.00	34.17 1.72 0.00	29.30 1.50 0.00
MENANDS___115KV_TB5 355628	30.49 0.24 0.00	25.67 0.43 0.00	23.69 0.51 0.00	21.55 0.42 0.00	24.08 0.40 0.00	25.24 0.37 0.00	26.43 0.31 0.00	27.35 0.27 0.00	27.12 0.19 0.00	27.51 0.22 0.00	27.86 0.19 0.00	27.19 0.24 0.00	26.87 0.19 0.00	25.69 0.23 0.00	25.47 0.18 0.00	26.10 0.18 0.00	28.10 0.17 0.00	32.20 0.22 0.00	37.65 0.19 0.00	42.84 0.17 0.00	45.71 0.18 0.00	39.88 0.08 0.00	32.68 0.23 0.00	28.10 0.31 0.00
MG INDUSTRY___DRP 24185	30.58 0.33 0.00	25.69 0.45 0.00	23.71 0.53 0.00	21.57 0.44 0.00	24.11 0.43 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.38 0.30 0.00	27.14 0.22 0.00	27.51 0.22 0.00	27.86 0.19 0.00	27.16 0.22 0.00	26.87 0.19 0.00	25.66 0.20 0.00	25.47 0.18 0.00	26.10 0.18 0.00	28.13 0.20 0.00	32.24 0.26 0.00	37.76 0.30 0.00	42.97 0.30 0.00	45.85 0.32 0.00	40.08 0.28 0.00	32.81 0.36 0.00	28.19 0.39 0.00

MID___OSWEGATCHIE_HYD 23849	30.01 -0.24 0.00	24.83 -0.40 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.23 -0.45 0.00	24.39 -0.47 0.00	25.81 -0.31 0.00	26.76 -0.32 0.00	26.47 -0.46 0.00	26.72 -0.57 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.01 -0.67 0.00	24.74 -0.71 0.00	24.56 -0.73 0.00	25.20 -0.73 0.00	27.32 -0.61 0.00	31.24 -0.74 0.00	36.75 -0.71 0.00	42.08 -0.60 0.00	44.76 -0.77 0.00	39.48 -0.32 0.00	32.09 -0.36 0.00	27.32 -0.47 0.00
MID___RAQUETTE_HYD 23851	30.34 0.09 0.00	24.89 -0.35 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.28 -0.40 0.00	24.44 -0.42 0.00	26.02 -0.10 0.00	26.97 -0.11 0.00	26.77 -0.16 0.00	27.08 -0.22 0.00	27.42 -0.25 0.00	26.65 -0.30 0.00	26.41 -0.27 0.00	25.15 -0.31 0.00	24.91 -0.38 0.00	25.58 -0.34 0.00	27.71 -0.22 0.00	31.66 -0.32 0.00	37.12 -0.34 0.00	42.42 -0.26 0.00	44.89 -0.64 0.00	39.76 -0.04 0.00	32.39 -0.06 0.00	27.57 -0.22 0.00
MILLIKEN___1 23584	29.91 -0.33 0.00	25.06 -0.18 0.00	23.11 -0.07 0.00	21.04 -0.08 0.00	23.49 -0.19 0.00	24.69 -0.17 0.00	25.91 -0.21 0.00	26.95 -0.14 0.00	26.87 -0.05 0.00	27.18 -0.11 0.00	27.59 -0.08 0.00	26.76 -0.19 0.00	26.47 -0.21 0.00	25.20 -0.25 0.00	25.11 -0.18 0.00	25.74 -0.18 0.00	27.85 -0.08 0.00	31.88 -0.10 0.00	37.42 -0.04 0.00	42.80 0.13 0.00	45.76 0.23 0.00	39.92 0.12 0.00	32.29 -0.16 0.00	27.63 -0.17 0.00
MILLIKEN___2 23585	29.91 -0.33 0.00	25.06 -0.18 0.00	23.11 -0.07 0.00	21.04 -0.08 0.00	23.49 -0.19 0.00	24.69 -0.17 0.00	25.91 -0.21 0.00	26.95 -0.14 0.00	26.87 -0.05 0.00	27.18 -0.11 0.00	27.59 -0.08 0.00	26.76 -0.19 0.00	26.47 -0.21 0.00	25.20 -0.25 0.00	25.11 -0.18 0.00	25.74 -0.18 0.00	27.85 -0.08 0.00	31.88 -0.10 0.00	37.42 -0.04 0.00	42.80 0.13 0.00	45.76 0.23 0.00	39.92 0.12 0.00	32.29 -0.16 0.00	27.63 -0.17 0.00
MILLIKEN___DIESEL 23629	29.91 -0.33 0.00	25.06 -0.18 0.00	23.11 -0.07 0.00	21.04 -0.08 0.00	23.49 -0.19 0.00	24.69 -0.17 0.00	25.91 -0.21 0.00	26.95 -0.14 0.00	26.87 -0.05 0.00	27.18 -0.11 0.00	27.59 -0.08 0.00	26.76 -0.19 0.00	26.47 -0.21 0.00	25.20 -0.25 0.00	25.11 -0.18 0.00	25.74 -0.18 0.00	27.85 -0.08 0.00	31.88 -0.10 0.00	37.42 -0.04 0.00	42.80 0.13 0.00	45.76 0.23 0.00	39.92 0.12 0.00	32.29 -0.16 0.00	27.63 -0.17 0.00
MILLSEAT___LFGE 323607	27.89 -2.36 0.00	23.12 -2.12 0.00	21.44 -1.74 0.00	19.58 -1.54 0.00	21.72 -1.97 0.00	22.95 -1.91 0.00	23.93 -2.19 0.00	24.81 -2.27 0.00	24.77 -2.16 0.00	24.97 -2.32 0.00	25.37 -2.30 0.00	24.60 -2.34 0.00	24.49 -2.19 0.00	23.32 -2.14 0.00	23.17 -2.12 0.00	23.67 -2.26 0.00	25.67 -2.26 0.00	29.49 -2.49 0.00	34.65 -2.81 0.00	40.03 -2.65 0.00	42.61 -2.91 0.00	37.09 -2.71 0.00	29.79 -2.66 0.00	25.96 -1.84 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.52 1.27 0.00	26.53 1.29 0.00	24.43 1.25 0.00	22.27 1.14 0.00	24.87 1.18 0.00	26.03 1.17 0.00	27.19 1.07 0.00	28.14 1.06 0.00	28.01 1.08 0.00	28.44 1.15 0.00	28.86 1.19 0.00	28.19 1.24 0.00	27.91 1.23 0.00	26.68 1.22 0.00	26.56 1.26 0.00	27.22 1.30 0.00	29.22 1.28 0.00	33.48 1.50 0.00	39.22 1.76 0.00	44.51 1.83 0.00	47.53 2.00 0.00	41.39 1.59 0.00	33.88 1.43 0.00	29.05 1.25 0.00
MILLWOOD_13_KV_LOAD 356217	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.08 1.22 0.00	27.24 1.12 0.00	28.19 1.11 0.00	28.06 1.13 0.00	28.47 1.17 0.00	28.92 1.25 0.00	28.21 1.27 0.00	27.93 1.25 0.00	26.70 1.25 0.00	26.58 1.29 0.00	27.24 1.32 0.00	29.27 1.34 0.00	33.55 1.57 0.00	39.33 1.87 0.00	44.59 1.92 0.00	47.62 2.09 0.00	41.47 1.67 0.00	33.94 1.49 0.00	29.07 1.28 0.00
MODEL_CITY_ENERGY 24167	27.01 -3.24 0.00	22.36 -2.88 0.00	20.79 -2.39 0.00	18.97 -2.16 0.00	20.98 -2.70 0.00	22.20 -2.66 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.94 -2.99 0.00	24.10 -3.19 0.00	24.52 -3.16 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.89 -3.03 0.00	24.72 -3.21 0.00	28.40 -3.58 0.00	33.34 -4.12 0.00	38.41 -4.27 0.00	40.89 -4.64 0.00	35.50 -4.30 0.00	28.72 -3.73 0.00	25.13 -2.67 0.00
MODERN_LFGE___ 323580	27.01 -3.24 0.00	22.36 -2.88 0.00	20.79 -2.39 0.00	18.97 -2.16 0.00	20.98 -2.70 0.00	22.20 -2.66 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.94 -2.99 0.00	24.10 -3.19 0.00	24.52 -3.16 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.89 -3.03 0.00	24.72 -3.21 0.00	28.40 -3.58 0.00	33.34 -4.12 0.00	38.41 -4.27 0.00	40.89 -4.64 0.00	35.50 -4.30 0.00	28.72 -3.73 0.00	25.13 -2.67 0.00
MOHAWK_PAPER___DRP 24187	30.64 0.39 0.00	25.77 0.53 0.00	23.78 0.60 0.00	21.63 0.51 0.00	24.16 0.47 0.00	25.34 0.47 0.00	26.54 0.42 0.00	27.46 0.38 0.00	27.22 0.30 0.00	27.62 0.33 0.00	27.97 0.30 0.00	27.27 0.32 0.00	26.97 0.29 0.00	25.76 0.31 0.00	25.54 0.25 0.00	26.21 0.29 0.00	28.21 0.28 0.00	32.33 0.35 0.00	37.84 0.37 0.00	43.06 0.38 0.00	45.94 0.41 0.00	40.12 0.32 0.00	32.84 0.39 0.00	28.21 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	31.52 1.27 0.00	26.53 1.29 0.00	24.41 1.23 0.00	21.99 0.87 0.00	24.63 0.95 0.00	25.88 1.02 0.00	27.06 0.94 0.00	28.03 0.95 0.00	27.79 0.86 0.00	28.17 0.87 0.00	28.56 0.89 0.00	27.81 0.86 0.00	27.45 0.77 0.00	26.20 0.74 0.00	25.97 0.68 0.00	26.60 0.67 0.00	28.74 0.81 0.00	32.94 0.96 0.00	38.73 1.27 0.00	44.21 1.54 0.00	47.17 1.64 0.00	41.19 1.39 0.00	33.62 1.17 0.00	28.85 1.06 0.00
MONGAUP___HYD 23641	31.37 1.12 0.00	26.38 1.14 0.00	24.27 1.09 0.00	22.10 0.97 0.00	24.70 1.02 0.00	25.91 1.04 0.00	26.98 0.86 0.00	27.92 0.84 0.00	27.71 0.78 0.00	28.03 0.74 0.00	28.42 0.75 0.00	27.76 0.81 0.00	27.48 0.80 0.00	26.27 0.81 0.00	26.12 0.83 0.00	26.83 0.91 0.00	28.85 0.92 0.00	32.94 0.96 0.00	38.66 1.20 0.00	43.87 1.19 0.00	46.99 1.46 0.00	41.15 1.35 0.00	33.72 1.26 0.00	28.85 1.06 0.00
MONTAUK___DIESEL 23721	35.05 2.30 -2.50	29.91 2.12 -2.55	27.60 2.16 -2.26	24.48 2.07 -1.29	26.67 2.27 -0.71	28.86 2.24 -1.75	30.20 2.17 -1.92	30.90 2.03 -1.79	31.35 2.05 -2.38	31.59 1.97 -2.33	31.52 1.69 -2.16	30.07 1.51 -1.61	29.79 1.47 -1.65	28.74 1.37 -1.91	29.06 1.44 -2.33	29.68 1.50 -2.26	32.75 1.54 -3.28	36.64 2.27 -2.39	42.84 3.11 -2.27	47.92 3.63 -1.62	51.25 3.87 -1.85	44.54 2.98 -1.76	37.00 2.50 -2.05	32.06 2.31 -1.96
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.71 -2.54 0.00	22.99 -2.25 0.00	21.35 -1.83 0.00	19.46 -1.67 0.00	21.57 -2.11 0.00	22.88 -1.99 0.00	23.93 -2.19 0.00	24.78 -2.30 0.00	24.80 -2.13 0.00	25.00 -2.29 0.00	25.51 -2.16 0.00	24.63 -2.32 0.00	24.39 -2.29 0.00	23.14 -2.32 0.00	22.96 -2.33 0.00	23.38 -2.54 0.00	25.20 -2.74 0.00	28.94 -3.04 0.00	34.09 -3.37 0.00	39.39 -3.29 0.00	42.21 -3.32 0.00	36.73 -3.06 0.00	29.76 -2.69 0.00	25.99 -1.81 0.00

MORRIS_RIDGE___SOLAR 323848	28.04 -2.21 0.00	23.35 -1.89 0.00	21.63 -1.55 0.00	19.69 -1.44 0.00	21.91 -1.78 0.00	23.12 -1.74 0.00	24.27 -1.85 0.00	25.11 -1.98 0.00	25.10 -1.83 0.00	25.33 -1.97 0.00	25.73 -1.94 0.00	24.90 -2.05 0.00	24.68 -2.00 0.00	23.47 -1.99 0.00	23.34 -1.95 0.00	23.80 -2.13 0.00	25.70 -2.24 0.00	29.55 -2.43 0.00	34.76 -2.70 0.00	40.07 -2.60 0.00	42.84 -2.69 0.00	37.29 -2.51 0.00	30.18 -2.27 0.00	26.21 -1.58 0.00
MORTIMER_115KV_TB3 55949	28.37 -1.88 0.00	23.60 -1.64 0.00	21.79 -1.39 0.00	19.90 -1.23 0.00	22.12 -1.56 0.00	23.32 -1.54 0.00	24.42 -1.70 0.00	25.35 -1.73 0.00	25.34 -1.59 0.00	25.60 -1.69 0.00	25.98 -1.69 0.00	25.25 -1.70 0.00	25.11 -1.57 0.00	23.93 -1.53 0.00	23.77 -1.52 0.00	24.31 -1.61 0.00	26.40 -1.54 0.00	30.19 -1.79 0.00	35.40 -2.06 0.00	40.54 -2.13 0.00	43.34 -2.19 0.00	37.77 -2.03 0.00	30.37 -2.08 0.00	26.13 -1.67 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.37 1.25 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.03 1.36 0.00	28.38 1.43 0.00	28.09 1.41 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.42 1.50 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.59 1.79 0.00	34.07 1.62 0.00	29.21 1.42 0.00
MUNSVILLE_WIND_PWR 323609	31.31 1.06 0.00	26.32 1.08 0.00	24.20 1.02 0.00	22.08 0.95 0.00	24.70 1.02 0.00	25.98 1.12 0.00	27.30 1.18 0.00	28.27 1.19 0.00	28.17 1.24 0.00	28.33 1.04 0.00	28.86 1.19 0.00	28.03 1.08 0.00	27.53 0.85 0.00	26.20 0.74 0.00	26.10 0.81 0.00	26.75 0.83 0.00	28.99 1.06 0.00	33.23 1.25 0.00	39.26 1.80 0.00	45.15 2.47 0.00	48.49 2.96 0.00	42.27 2.47 0.00	34.07 1.62 0.00	29.08 1.28 0.00
N SALMON___HYD 24042	31.03 0.79 0.00	25.54 0.30 0.00	23.27 0.09 0.00	21.27 0.15 0.00	23.87 0.19 0.00	25.09 0.22 0.00	26.57 0.44 0.00	27.57 0.49 0.00	27.44 0.51 0.00	27.81 0.52 0.00	28.14 0.47 0.00	27.32 0.38 0.00	27.13 0.45 0.00	25.81 0.36 0.00	25.57 0.28 0.00	26.26 0.34 0.00	28.41 0.47 0.00	32.43 0.45 0.00	37.95 0.49 0.00	43.40 0.72 0.00	46.08 0.55 0.00	40.63 0.84 0.00	33.07 0.62 0.00	28.16 0.36 0.00
N.AKRON__115KV_KNAPP 355671	27.83 -2.42 0.00	23.07 -2.17 0.00	21.37 -1.81 0.00	19.54 -1.58 0.00	21.62 -2.06 0.00	22.88 -1.99 0.00	23.87 -2.25 0.00	24.73 -2.36 0.00	24.72 -2.21 0.00	24.92 -2.37 0.00	25.32 -2.35 0.00	24.52 -2.43 0.00	24.41 -2.27 0.00	23.24 -2.21 0.00	23.12 -2.17 0.00	23.61 -2.31 0.00	25.67 -2.26 0.00	29.39 -2.59 0.00	34.54 -2.92 0.00	39.69 -2.99 0.00	42.48 -3.05 0.00	36.93 -2.87 0.00	29.63 -2.82 0.00	25.63 -2.17 0.00
N.E_GEN_SANDY PD 24062	30.76 0.60 0.09	25.94 0.71 0.00	25.15 0.83 -1.14	23.93 0.74 -2.07	24.34 0.66 0.00	25.77 0.72 -0.18	30.14 0.65 -3.37	31.00 0.65 -3.27	27.44 0.51 0.00	27.81 0.52 0.00	28.01 0.44 0.10	27.43 0.49 0.00	27.13 0.45 0.00	25.90 0.46 0.02	25.59 0.38 0.08	26.24 0.41 0.09	28.01 0.39 0.31	32.49 0.51 0.00	38.06 0.60 0.00	43.35 0.68 0.00	46.26 0.73 0.00	40.35 0.56 0.00	32.97 0.52 0.00	28.26 0.53 0.06
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.49 1.24 0.00	26.50 1.26 0.00	24.41 1.23 0.00	22.22 1.10 0.00	24.84 1.16 0.00	26.01 1.14 0.00	27.14 1.02 0.00	28.08 1.00 0.00	27.95 1.02 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.50 1.21 0.00	27.17 1.24 0.00	29.13 1.20 0.00	33.42 1.44 0.00	39.15 1.69 0.00	44.42 1.75 0.00	47.44 1.91 0.00	41.31 1.51 0.00	33.81 1.36 0.00	28.99 1.20 0.00
N.QUEENS_27_KV_LOAD 356247	31.75 1.33 -0.17	26.63 1.39 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.13 1.27 0.00	27.27 1.15 0.00	28.25 1.16 0.00	28.14 1.21 0.00	28.63 1.34 0.00	29.22 1.36 -0.19	28.40 1.46 0.00	28.15 1.47 0.00	26.99 1.50 -0.03	26.96 1.52 -0.15	27.67 1.56 -0.19	30.06 1.54 -0.59	33.71 1.73 0.00	39.41 1.95 0.00	44.64 1.96 0.00	47.62 2.09 0.00	41.51 1.71 0.00	34.01 1.56 0.00	29.34 1.42 -0.12
N.TROY___115KV_TB1 355778	30.82 0.57 0.00	25.92 0.68 0.00	23.92 0.74 0.00	21.76 0.63 0.00	24.30 0.62 0.00	25.51 0.65 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.39 0.46 0.00	27.79 0.49 0.00	28.11 0.44 0.00	27.41 0.46 0.00	27.11 0.43 0.00	25.89 0.43 0.00	25.64 0.35 0.00	26.31 0.39 0.00	28.32 0.39 0.00	32.49 0.51 0.00	38.10 0.64 0.00	43.36 0.68 0.00	46.30 0.77 0.00	40.39 0.60 0.00	33.00 0.55 0.00	28.35 0.56 0.00
NARROWS_GT1_1 24228	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT1_2 24229	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT1_3 24230	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT1_4 24231	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT1_5 24232	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00

NARROWS_GT1_6 24233	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT1_7 24234	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT1_8 24235	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_1 24236	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_2 24237	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_3 24238	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_4 24239	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_5 24240	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_6 24241	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_7 24242	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NARROWS_GT2_8 24243	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.91 0.67 0.00	26.00 0.76 0.00	23.94 0.76 0.00	21.76 0.63 0.00	24.35 0.66 0.00	25.66 0.80 0.00	26.72 0.60 0.00	27.62 0.54 0.00	27.33 0.40 0.00	27.62 0.33 0.00	27.95 0.28 0.00	27.24 0.30 0.00	26.95 0.27 0.00	25.74 0.28 0.00	25.52 0.23 0.00	26.18 0.26 0.00	28.30 0.36 0.00	32.52 0.54 0.00	38.17 0.71 0.00	43.36 0.68 0.00	46.35 0.82 0.00	40.47 0.68 0.00	33.23 0.78 0.00	28.57 0.78 0.00
NCHELSEA_115KV_TR2 355582	31.58 1.33 0.00	26.60 1.36 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.11 1.24 0.00	27.19 1.07 0.00	28.14 1.06 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.19 1.26 0.00	33.51 1.54 0.00	39.26 1.80 0.00	44.51 1.83 0.00	47.62 2.09 0.00	41.43 1.63 0.00	33.94 1.49 0.00	29.10 1.31 0.00
NEG CAPITAL____MECHNVIL 23645	31.24 1.00 0.00	26.27 1.04 0.00	24.20 1.02 0.00	21.95 0.82 0.00	24.53 0.85 0.00	25.78 0.92 0.00	27.01 0.89 0.00	27.95 0.87 0.00	27.71 0.78 0.00	28.11 0.82 0.00	28.47 0.80 0.00	27.76 0.81 0.00	27.43 0.75 0.00	26.17 0.71 0.00	25.95 0.66 0.00	26.59 0.67 0.00	28.69 0.75 0.00	32.87 0.89 0.00	38.58 1.12 0.00	44.00 1.32 0.00	46.94 1.41 0.00	40.99 1.19 0.00	33.49 1.04 0.00	28.74 0.95 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.10 -2.15 0.00	23.40 -1.84 0.00	21.60 -1.58 0.00	19.73 -1.39 0.00	21.95 -1.73 0.00	23.12 -1.74 0.00	24.22 -1.91 0.00	25.18 -1.90 0.00	25.12 -1.80 0.00	25.47 -1.83 0.00	25.84 -1.83 0.00	25.09 -1.86 0.00	24.92 -1.76 0.00	23.75 -1.71 0.00	23.62 -1.67 0.00	24.16 -1.76 0.00	26.17 -1.76 0.00	29.97 -2.01 0.00	35.14 -2.32 0.00	40.28 -2.39 0.00	42.98 -2.55 0.00	37.45 -2.35 0.00	30.15 -2.30 0.00	26.02 -1.78 0.00



NEG CENTRAL___DRP 24199	29.10 -1.15 0.00	24.36 -0.88 0.00	22.44 -0.74 0.00	20.47 -0.65 0.00	22.83 -0.85 0.00	24.02 -0.85 0.00	25.21 -0.91 0.00	26.21 -0.87 0.00	26.15 -0.78 0.00	26.50 -0.79 0.00	26.87 -0.80 0.00	26.06 -0.89 0.00	25.83 -0.85 0.00	24.59 -0.87 0.00	24.48 -0.81 0.00	25.07 -0.86 0.00	27.12 -0.81 0.00	31.05 -0.93 0.00	36.45 -1.01 0.00	41.61 -1.07 0.00	44.48 -1.05 0.00	38.84 -0.96 0.00	31.38 -1.07 0.00	26.88 -0.92 0.00
NEG CENTRAL___INDECK 23768	28.98 -1.27 0.00	24.13 -1.11 0.00	22.30 -0.88 0.00	20.37 -0.76 0.00	22.64 -1.04 0.00	23.89 -0.97 0.00	25.03 -1.10 0.00	26.02 -1.06 0.00	25.90 -1.02 0.00	26.15 -1.15 0.00	26.45 -1.22 0.00	25.57 -1.37 0.00	25.37 -1.31 0.00	24.13 -1.32 0.00	24.00 -1.29 0.00	24.52 -1.40 0.00	26.68 -1.26 0.00	30.67 -1.31 0.00	36.23 -1.24 0.00	41.91 -0.77 0.00	44.85 -0.68 0.00	39.04 -0.76 0.00	31.28 -1.17 0.00	27.02 -0.78 0.00
NEG CENTRAL___SENECA 23627	29.13 -1.12 0.00	24.36 -0.88 0.00	22.46 -0.72 0.00	20.49 -0.63 0.00	22.83 -0.85 0.00	24.04 -0.82 0.00	25.23 -0.89 0.00	26.24 -0.84 0.00	26.17 -0.75 0.00	26.50 -0.79 0.00	26.90 -0.77 0.00	26.06 -0.89 0.00	25.83 -0.85 0.00	24.59 -0.87 0.00	24.48 -0.81 0.00	25.04 -0.88 0.00	27.12 -0.81 0.00	31.08 -0.90 0.00	36.49 -0.97 0.00	41.65 -1.02 0.00	44.53 -1.00 0.00	38.96 -0.84 0.00	31.38 -1.07 0.00	26.93 -0.86 0.00
NEG CENTRAL___STATE_STREET 24147	29.28 -0.97 0.00	24.48 -0.76 0.00	22.58 -0.60 0.00	20.58 -0.55 0.00	22.95 -0.73 0.00	24.14 -0.72 0.00	25.34 -0.78 0.00	26.35 -0.73 0.00	26.31 -0.62 0.00	26.67 -0.63 0.00	27.03 -0.64 0.00	26.25 -0.70 0.00	25.99 -0.69 0.00	24.80 -0.66 0.00	24.68 -0.61 0.00	25.30 -0.62 0.00	27.37 -0.56 0.00	31.34 -0.64 0.00	36.71 -0.75 0.00	41.91 -0.77 0.00	44.76 -0.77 0.00	39.08 -0.72 0.00	31.61 -0.84 0.00	27.02 -0.78 0.00
NEG MILLWOOD___DRP 24198	31.73 1.48 0.00	26.73 1.49 0.00	24.59 1.41 0.00	22.37 1.25 0.00	25.03 1.35 0.00	26.23 1.37 0.00	27.35 1.23 0.00	28.27 1.19 0.00	28.14 1.21 0.00	28.55 1.26 0.00	29.00 1.33 0.00	28.32 1.37 0.00	28.01 1.33 0.00	26.76 1.30 0.00	26.63 1.34 0.00	27.30 1.37 0.00	29.38 1.45 0.00	33.67 1.69 0.00	39.52 2.06 0.00	44.81 2.13 0.00	47.90 2.37 0.00	41.67 1.87 0.00	34.14 1.69 0.00	29.21 1.42 0.00
NEG NORTH_FLCN_SEA 23793	31.16 0.91 0.00	25.72 0.48 0.00	23.46 0.28 0.00	21.42 0.30 0.00	24.04 0.36 0.00	25.24 0.37 0.00	26.67 0.55 0.00	27.68 0.60 0.00	27.52 0.59 0.00	27.92 0.63 0.00	28.28 0.61 0.00	27.46 0.51 0.00	27.24 0.56 0.00	25.94 0.48 0.00	25.70 0.40 0.00	26.36 0.44 0.00	28.49 0.56 0.00	32.52 0.54 0.00	38.10 0.64 0.00	43.48 0.81 0.00	46.30 0.77 0.00	40.71 0.92 0.00	33.17 0.71 0.00	28.30 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	30.85 0.60 0.00	25.44 0.20 0.00	23.20 0.02 0.00	21.19 0.06 0.00	23.80 0.12 0.00	25.01 0.15 0.00	26.43 0.31 0.00	27.43 0.35 0.00	27.28 0.35 0.00	27.62 0.33 0.00	27.97 0.30 0.00	27.16 0.22 0.00	26.92 0.24 0.00	25.66 0.20 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.18 0.25 0.00	32.20 0.22 0.00	37.72 0.26 0.00	43.10 0.43 0.00	45.85 0.32 0.00	40.31 0.52 0.00	32.84 0.39 0.00	28.02 0.22 0.00
NEG NORTH___ALICE_FALLS 23915	31.25 1.00 0.00	25.77 0.53 0.00	23.50 0.32 0.00	21.49 0.36 0.00	24.08 0.40 0.00	25.29 0.42 0.00	26.75 0.63 0.00	27.76 0.68 0.00	27.60 0.67 0.00	28.00 0.71 0.00	28.36 0.69 0.00	27.51 0.57 0.00	27.29 0.61 0.00	25.99 0.53 0.00	25.75 0.46 0.00	26.41 0.49 0.00	28.57 0.64 0.00	32.62 0.64 0.00	38.17 0.71 0.00	43.65 0.98 0.00	46.44 0.91 0.00	40.87 1.07 0.00	33.26 0.81 0.00	28.35 0.56 0.00
NEG NORTH___LWR_SARANAC 23913	31.25 1.00 0.00	25.77 0.53 0.00	23.50 0.32 0.00	21.49 0.36 0.00	24.08 0.40 0.00	25.29 0.42 0.00	26.75 0.63 0.00	27.76 0.68 0.00	27.60 0.67 0.00	28.00 0.71 0.00	28.36 0.69 0.00	27.51 0.57 0.00	27.29 0.61 0.00	25.99 0.53 0.00	25.75 0.46 0.00	26.41 0.49 0.00	28.57 0.64 0.00	32.62 0.64 0.00	38.17 0.71 0.00	43.65 0.98 0.00	46.44 0.91 0.00	40.87 1.07 0.00	33.26 0.81 0.00	28.35 0.56 0.00
NEG NORTH___PLATTSBURG 23628	31.24 1.00 0.00	25.77 0.53 0.00	23.50 0.32 0.00	21.48 0.36 0.00	24.08 0.40 0.00	25.29 0.42 0.00	26.75 0.63 0.00	27.76 0.68 0.00	27.60 0.67 0.00	28.00 0.71 0.00	28.33 0.66 0.00	27.51 0.57 0.00	27.29 0.61 0.00	25.99 0.54 0.00	25.75 0.46 0.00	26.41 0.49 0.00	28.58 0.64 0.00	32.62 0.64 0.00	38.17 0.71 0.00	43.66 0.98 0.00	46.44 0.91 0.00	40.87 1.07 0.00	33.26 0.81 0.00	28.35 0.56 0.00
NEG WEST_LEA_LOCKPORT 23791	27.25 -2.99 0.00	22.59 -2.65 0.00	20.98 -2.20 0.00	19.16 -1.96 0.00	21.17 -2.51 0.00	22.43 -2.44 0.00	23.40 -2.72 0.00	24.16 -2.92 0.00	24.21 -2.72 0.00	24.35 -2.95 0.00	24.77 -2.91 0.00	23.98 -2.96 0.00	23.90 -2.77 0.00	22.78 -2.67 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	25.03 -2.90 0.00	28.69 -3.29 0.00	33.68 -3.78 0.00	38.62 -4.05 0.00	41.34 -4.19 0.00	35.90 -3.90 0.00	28.95 -3.50 0.00	25.10 -2.70 0.00
NEG WEST___LANCASTR 23811	27.95 -2.30 0.00	23.22 -2.02 0.00	21.56 -1.62 0.00	19.67 -1.46 0.00	21.76 -1.92 0.00	23.05 -1.82 0.00	24.06 -2.06 0.00	24.78 -2.30 0.00	24.80 -2.13 0.00	24.97 -2.32 0.00	25.43 -2.24 0.00	24.63 -2.32 0.00	24.47 -2.21 0.00	23.32 -2.14 0.00	23.19 -2.10 0.00	23.67 -2.26 0.00	25.47 -2.46 0.00	29.26 -2.72 0.00	34.39 -3.07 0.00	39.56 -3.12 0.00	42.34 -3.19 0.00	36.73 -3.06 0.00	29.66 -2.79 0.00	25.82 -1.97 0.00
NEG_PENN_ALLEGHNY 23528	29.73 -0.51 0.00	24.89 -0.35 0.00	22.97 -0.21 0.00	20.94 -0.19 0.00	23.35 -0.33 0.00	24.52 -0.35 0.00	25.70 -0.42 0.00	26.65 -0.43 0.00	26.58 -0.35 0.00	26.94 -0.36 0.00	27.37 -0.30 0.00	26.57 -0.38 0.00	26.31 -0.37 0.00	25.08 -0.38 0.00	24.96 -0.33 0.00	25.56 -0.36 0.00	27.54 -0.39 0.00	31.53 -0.45 0.00	36.97 -0.49 0.00	42.29 -0.38 0.00	45.16 -0.37 0.00	39.36 -0.44 0.00	31.97 -0.49 0.00	27.46 -0.33 0.00
NEG___GEN_MONROE 24207	28.22 -2.03 0.00	23.45 -1.79 0.00	21.70 -1.48 0.00	19.84 -1.29 0.00	22.05 -1.63 0.00	23.27 -1.59 0.00	24.32 -1.80 0.00	25.19 -1.90 0.00	25.15 -1.78 0.00	25.41 -1.88 0.00	25.76 -1.91 0.00	25.01 -1.94 0.00	24.87 -1.81 0.00	23.70 -1.76 0.00	23.57 -1.72 0.00	24.11 -1.81 0.00	26.09 -1.84 0.00	29.87 -2.11 0.00	35.06 -2.40 0.00	40.28 -2.39 0.00	43.07 -2.46 0.00	37.53 -2.27 0.00	30.18 -2.27 0.00	26.05 -1.75 0.00
NEPA___ENERGY 23901	28.16 -2.09 0.00	23.40 -1.84 0.00	21.72 -1.46 0.00	19.82 -1.31 0.00	21.95 -1.73 0.00	23.22 -1.64 0.00	24.27 -1.85 0.00	25.05 -2.03 0.00	25.07 -1.86 0.00	25.25 -2.05 0.00	25.71 -1.96 0.00	24.90 -2.05 0.00	24.73 -1.95 0.00	23.55 -1.91 0.00	23.39 -1.90 0.00	23.87 -2.05 0.00	25.70 -2.23 0.00	29.52 -2.46 0.00	34.69 -2.77 0.00	39.94 -2.73 0.00	42.80 -2.73 0.00	37.09 -2.71 0.00	29.99 -2.47 0.00	26.07 -1.72 0.00

NEVERSINK___HYD 23608	31.40 1.15 0.00	26.40 1.16 0.00	24.29 1.11 0.00	22.12 0.99 0.00	24.75 1.07 0.00	25.93 1.07 0.00	27.01 0.89 0.00	27.92 0.84 0.00	27.79 0.86 0.00	28.11 0.82 0.00	28.53 0.86 0.00	27.86 0.92 0.00	27.61 0.93 0.00	26.37 0.92 0.00	26.25 0.96 0.00	26.91 0.98 0.00	28.99 1.06 0.00	33.26 1.28 0.00	39.00 1.54 0.00	44.21 1.53 0.00	47.35 1.82 0.00	41.23 1.43 0.00	33.75 1.30 0.00	28.88 1.08 0.00
NEWKRMKL_115KV_TB1 55635	30.37 0.12 0.00	25.57 0.33 0.00	23.60 0.42 0.00	21.46 0.34 0.00	23.99 0.31 0.00	25.14 0.27 0.00	26.33 0.21 0.00	27.24 0.16 0.00	27.04 0.11 0.00	27.40 0.11 0.00	27.78 0.11 0.00	27.08 0.13 0.00	26.79 0.11 0.00	25.58 0.13 0.00	25.39 0.10 0.00	26.03 0.10 0.00	28.02 0.08 0.00	32.08 0.10 0.00	37.50 0.04 0.00	42.67 0.00 0.00	45.48 -0.05 0.00	39.72 -0.08 0.00	32.58 0.13 0.00	28.02 0.22 0.00
NEWTON___FALLS_HYD 23847	30.01 -0.24 0.00	24.83 -0.40 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.23 -0.45 0.00	24.39 -0.47 0.00	25.81 -0.31 0.00	26.76 -0.32 0.00	26.47 -0.46 0.00	26.72 -0.57 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.01 -0.67 0.00	24.74 -0.71 0.00	24.56 -0.73 0.00	25.20 -0.73 0.00	27.32 -0.61 0.00	31.24 -0.74 0.00	36.75 -0.71 0.00	42.08 -0.60 0.00	44.76 -0.77 0.00	39.48 -0.32 0.00	32.09 -0.36 0.00	27.32 -0.47 0.00
NGRID_A1_DSASP 323792	27.01 -3.24 0.00	22.41 -2.83 0.00	20.86 -2.32 0.00	19.03 -2.09 0.00	21.03 -2.65 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.94 -2.99 0.00	24.07 -3.22 0.00	24.52 -3.16 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.72 -3.21 0.00	28.37 -3.61 0.00	33.30 -4.16 0.00	38.32 -4.35 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.69 -3.76 0.00	25.13 -2.67 0.00
NGRID_A2_DSASP 323793	27.01 -3.24 0.00	22.41 -2.83 0.00	20.86 -2.32 0.00	19.03 -2.09 0.00	21.03 -2.65 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.94 -2.99 0.00	24.07 -3.22 0.00	24.52 -3.16 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.72 -3.21 0.00	28.37 -3.61 0.00	33.30 -4.16 0.00	38.32 -4.35 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.69 -3.76 0.00	25.13 -2.67 0.00
NGRID_A4_DSASP 323807	27.01 -3.24 0.00	22.41 -2.83 0.00	20.86 -2.32 0.00	19.03 -2.09 0.00	21.03 -2.65 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.94 -2.99 0.00	24.07 -3.22 0.00	24.52 -3.16 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.72 -3.21 0.00	28.37 -3.61 0.00	33.30 -4.16 0.00	38.32 -4.35 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.69 -3.76 0.00	25.13 -2.67 0.00
NIAGARA_115E_LBMP 323715	26.86 -3.39 0.00	22.23 -3.00 0.00	20.68 -2.50 0.00	18.87 -2.26 0.00	20.86 -2.82 0.00	22.08 -2.78 0.00	23.04 -3.08 0.00	23.75 -3.33 0.00	23.80 -3.12 0.00	23.96 -3.33 0.00	24.38 -3.29 0.00	23.61 -3.34 0.00	23.53 -3.15 0.00	22.43 -3.03 0.00	22.31 -2.98 0.00	22.78 -3.14 0.00	24.58 -3.35 0.00	28.24 -3.74 0.00	33.15 -4.31 0.00	38.15 -4.52 0.00	40.61 -4.92 0.00	35.26 -4.54 0.00	28.52 -3.93 0.00	24.99 -2.81 0.00
NIAGARA_115W_LBMP 323714	26.92 -3.33 0.00	22.36 -2.88 0.00	20.79 -2.39 0.00	18.97 -2.16 0.00	20.98 -2.70 0.00	22.20 -2.66 0.00	23.09 -3.03 0.00	23.80 -3.28 0.00	23.88 -3.04 0.00	24.02 -3.28 0.00	24.43 -3.24 0.00	23.66 -3.29 0.00	23.61 -3.07 0.00	22.50 -2.95 0.00	22.38 -2.91 0.00	22.86 -3.06 0.00	24.64 -3.30 0.00	28.30 -3.68 0.00	33.23 -4.23 0.00	38.23 -4.44 0.00	40.70 -4.83 0.00	35.34 -4.46 0.00	28.59 -3.86 0.00	25.04 -2.75 0.00
NIAGARA_230_LBMP 323716	27.22 -3.02 0.00	22.54 -2.70 0.00	20.95 -2.23 0.00	19.14 -1.99 0.00	21.15 -2.53 0.00	22.38 -2.49 0.00	23.35 -2.77 0.00	24.10 -2.98 0.00	24.15 -2.77 0.00	24.32 -2.97 0.00	24.74 -2.93 0.00	23.96 -2.99 0.00	23.90 -2.78 0.00	22.78 -2.67 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	24.94 -2.99 0.00	28.62 -3.36 0.00	33.60 -3.86 0.00	38.71 -3.97 0.00	41.16 -4.37 0.00	35.78 -4.02 0.00	28.95 -3.51 0.00	25.32 -2.47 0.00
NIAGARA___115KV_198_GIBSON 55903	26.92 -3.33 0.00	22.36 -2.88 0.00	20.77 -2.41 0.00	18.97 -2.15 0.00	20.96 -2.72 0.00	22.20 -2.66 0.00	23.09 -3.03 0.00	23.80 -3.28 0.00	23.91 -3.02 0.00	24.02 -3.28 0.00	24.43 -3.24 0.00	23.66 -3.29 0.00	23.61 -3.07 0.00	22.50 -2.95 0.00	22.38 -2.91 0.00	22.86 -3.06 0.00	24.72 -3.21 0.00	28.30 -3.68 0.00	33.23 -4.23 0.00	38.02 -4.65 0.00	40.70 -4.83 0.00	35.34 -4.46 0.00	28.53 -3.93 0.00	24.74 -3.06 0.00
NIAGARA____ 23760	27.22 -3.02 0.00	22.54 -2.70 0.00	20.95 -2.23 0.00	19.14 -1.99 0.00	21.15 -2.53 0.00	22.38 -2.49 0.00	23.35 -2.77 0.00	24.10 -2.98 0.00	24.15 -2.77 0.00	24.32 -2.97 0.00	24.74 -2.93 0.00	23.96 -2.99 0.00	23.90 -2.78 0.00	22.78 -2.67 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	24.94 -2.99 0.00	28.62 -3.36 0.00	33.60 -3.86 0.00	38.71 -3.97 0.00	41.16 -4.37 0.00	35.78 -4.02 0.00	28.95 -3.51 0.00	25.32 -2.47 0.00
NINE_MILE_1 23575	28.71 -1.54 0.00	24.00 -1.24 0.00	22.11 -1.07 0.00	20.15 -0.97 0.00	22.52 -1.16 0.00	23.65 -1.22 0.00	24.84 -1.28 0.00	25.78 -1.30 0.00	25.66 -1.27 0.00	26.01 -1.28 0.00	26.37 -1.30 0.00	25.65 -1.29 0.00	25.40 -1.28 0.00	24.24 -1.22 0.00	24.13 -1.16 0.00	24.70 -1.22 0.00	26.65 -1.28 0.00	30.51 -1.47 0.00	35.70 -1.76 0.00	40.75 -1.92 0.00	43.53 -2.00 0.00	37.97 -1.83 0.00	30.86 -1.59 0.00	26.49 -1.31 0.00
NINE_MILE_2 23744	28.74 -1.51 0.00	24.00 -1.24 0.00	22.11 -1.07 0.00	20.15 -0.97 0.00	22.52 -1.16 0.00	23.65 -1.22 0.00	24.84 -1.28 0.00	25.78 -1.30 0.00	25.66 -1.27 0.00	26.01 -1.28 0.00	26.37 -1.30 0.00	25.65 -1.29 0.00	25.40 -1.28 0.00	24.24 -1.22 0.00	24.13 -1.16 0.00	24.70 -1.22 0.00	26.65 -1.28 0.00	30.51 -1.47 0.00	35.70 -1.76 0.00	40.75 -1.92 0.00	43.53 -2.00 0.00	37.97 -1.83 0.00	30.86 -1.59 0.00	26.49 -1.31 0.00
NM_CAPITAL___DRP 24208	30.46 0.21 0.00	25.62 0.38 0.00	23.64 0.46 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.21 0.35 0.00	26.38 0.26 0.00	27.30 0.22 0.00	27.09 0.16 0.00	27.46 0.16 0.00	27.81 0.14 0.00	27.14 0.19 0.00	26.84 0.16 0.00	25.64 0.18 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.04 0.11 0.00	32.14 0.16 0.00	37.57 0.11 0.00	42.76 0.09 0.00	45.62 0.09 0.00	39.80 0.00 0.00	32.61 0.16 0.00	28.05 0.25 0.00
NM_CENTRAL___DRP 24181	29.34 -0.91 0.00	24.56 -0.68 0.00	22.65 -0.53 0.00	20.62 -0.51 0.00	23.04 -0.64 0.00	24.19 -0.67 0.00	25.39 -0.73 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.67 -0.63 0.00	27.06 -0.61 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.71 -0.58 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.56 -0.90 0.00	41.65 -1.02 0.00	44.53 -1.00 0.00	38.92 -0.88 0.00	31.61 -0.84 0.00	27.05 -0.75 0.00

NM_FRONTIER___DRP 24179	26.92 -3.33 0.00	22.36 -2.88 0.00	20.77 -2.41 0.00	18.97 -2.15 0.00	20.96 -2.72 0.00	22.20 -2.66 0.00	23.09 -3.03 0.00	23.80 -3.28 0.00	23.91 -3.02 0.00	24.02 -3.28 0.00	24.43 -3.24 0.00	23.66 -3.29 0.00	23.61 -3.07 0.00	22.50 -2.95 0.00	22.38 -2.91 0.00	22.86 -3.06 0.00	24.72 -3.21 0.00	28.30 -3.68 0.00	33.23 -4.23 0.00	38.02 -4.65 0.00	40.70 -4.83 0.00	35.34 -4.46 0.00	28.53 -3.93 0.00	24.74 -3.06 0.00
NM_ST_REGIS___HYD 24053	30.55 0.30 0.00	25.09 -0.15 0.00	22.83 -0.35 0.00	20.87 -0.25 0.00	23.45 -0.24 0.00	24.64 -0.22 0.00	26.17 0.05 0.00	27.14 0.05 0.00	26.95 0.03 0.00	27.29 0.00 0.00	27.64 -0.03 0.00	26.84 -0.11 0.00	26.63 -0.05 0.00	25.33 -0.13 0.00	25.09 -0.20 0.00	25.77 -0.16 0.00	27.90 -0.03 0.00	31.85 -0.13 0.00	37.35 -0.11 0.00	42.72 0.04 0.00	45.21 -0.32 0.00	40.04 0.24 0.00	32.58 0.13 0.00	27.74 -0.06 0.00
NORTHPORT___1 23551	34.31 2.09 -1.97	29.30 1.99 -2.07	26.97 1.95 -1.84	23.96 1.79 -1.04	26.17 1.92 -0.57	28.20 1.91 -1.42	29.50 1.83 -1.56	30.38 1.84 -1.45	30.72 1.86 -1.93	31.05 1.86 -1.89	31.26 1.91 -1.68	30.14 1.89 -1.31	29.88 1.87 -1.34	28.83 1.83 -1.54	29.00 1.87 -1.84	29.61 1.92 -1.77	32.30 1.93 -2.45	36.36 2.43 -1.95	42.08 2.77 -1.84	46.98 2.99 -1.32	50.27 3.23 -1.51	43.90 2.67 -1.43	36.46 2.34 -1.67	31.26 1.92 -1.55
NORTHPORT___2 23552	34.31 2.09 -1.97	29.30 1.99 -2.07	26.97 1.95 -1.84	23.96 1.79 -1.04	26.17 1.92 -0.57	28.20 1.91 -1.42	29.50 1.83 -1.56	30.38 1.84 -1.45	30.72 1.86 -1.93	31.05 1.86 -1.89	31.26 1.91 -1.68	30.14 1.89 -1.31	29.88 1.87 -1.34	28.83 1.83 -1.54	29.00 1.87 -1.84	29.61 1.92 -1.77	32.30 1.93 -2.45	36.36 2.43 -1.95	42.08 2.77 -1.84	46.98 2.99 -1.32	50.27 3.23 -1.51	43.90 2.67 -1.43	36.46 2.34 -1.67	31.26 1.92 -1.55
NORTHPORT___3 23553	34.19 1.72 -2.22	29.25 1.72 -2.30	26.89 1.67 -2.04	23.82 1.54 -1.15	25.95 1.63 -0.63	28.06 1.62 -1.58	29.39 1.54 -1.73	30.24 1.54 -1.61	30.61 1.53 -2.15	30.98 1.58 -2.10	31.17 1.60 -1.90	30.04 1.64 -1.45	29.79 1.63 -1.48	28.77 1.60 -1.71	28.97 1.62 -2.06	29.58 1.66 -1.99	32.42 1.68 -2.81	36.19 2.05 -2.16	41.42 1.91 -2.05	46.10 1.96 -1.47	49.34 2.14 -1.67	43.13 1.75 -1.59	36.22 1.91 -1.85	31.11 1.58 -1.73
NORTHPORT___4 23650	34.19 1.72 -2.22	29.25 1.72 -2.30	26.89 1.67 -2.04	23.82 1.54 -1.15	25.95 1.63 -0.63	28.06 1.62 -1.58	29.39 1.54 -1.73	30.24 1.54 -1.61	30.61 1.53 -2.15	30.98 1.58 -2.10	31.17 1.60 -1.90	30.04 1.64 -1.45	29.79 1.63 -1.48	28.77 1.60 -1.71	28.97 1.62 -2.06	29.58 1.66 -1.99	32.42 1.68 -2.81	36.19 2.05 -2.16	41.42 1.91 -2.05	46.10 1.96 -1.47	49.34 2.14 -1.67	43.13 1.75 -1.59	36.22 1.91 -1.85	31.11 1.58 -1.73
NORTHPORT___IC 23718	34.31 2.09 -1.97	29.30 1.99 -2.07	26.99 1.97 -1.84	23.96 1.80 -1.04	26.17 1.92 -0.57	28.20 1.91 -1.42	29.51 1.83 -1.56	30.37 1.84 -1.45	30.69 1.83 -1.93	31.04 1.86 -1.89	31.26 1.91 -1.68	30.14 1.89 -1.31	29.88 1.87 -1.34	28.83 1.83 -1.54	29.00 1.87 -1.84	29.61 1.92 -1.77	32.31 1.93 -2.45	36.36 2.43 -1.95	42.08 2.77 -1.84	46.98 2.99 -1.32	50.27 3.23 -1.51	43.86 2.63 -1.43	36.49 2.37 -1.67	31.34 2.00 -1.55
NORTH___COUNTRY_ESR 323785	30.76 0.51 0.00	25.39 0.15 0.00	23.16 -0.02 0.00	21.15 0.02 0.00	23.73 0.05 0.00	24.94 0.07 0.00	26.38 0.26 0.00	27.38 0.30 0.00	27.20 0.27 0.00	27.57 0.27 0.00	27.92 0.25 0.00	27.14 0.19 0.00	26.92 0.24 0.00	25.64 0.18 0.00	25.39 0.10 0.00	26.05 0.13 0.00	28.15 0.22 0.00	32.14 0.16 0.00	37.65 0.19 0.00	42.97 0.30 0.00	45.71 0.18 0.00	40.24 0.44 0.00	32.78 0.32 0.00	27.94 0.14 0.00
NPX_GEN_1385_PROXY 323591	34.31 2.09 -1.97	29.25 1.94 -2.07	26.97 1.95 -1.84	23.96 1.79 -1.04	26.17 1.92 -0.57	28.20 1.91 -1.42	29.50 1.83 -1.56	30.38 1.84 -1.45	30.69 1.83 -1.93	30.96 1.77 -1.89	31.26 1.91 -1.68	30.11 1.86 -1.31	29.83 1.82 -1.34	28.83 1.83 -1.54	28.97 1.85 -1.84	29.56 1.87 -1.77	32.08 1.87 -2.28	32.89 2.30 1.39	41.97 2.66 -1.84	46.94 2.94 -1.32	50.27 3.23 -1.51	43.81 2.59 -1.43	36.04 2.24 -1.35	31.26 1.92 -1.55
NPX_GEN_CSC 323557	35.12 2.39 -2.49	29.97 2.19 -2.54	27.56 2.13 -2.25	24.39 1.99 -1.28	26.54 2.15 -0.71	28.70 2.09 -1.74	30.07 2.04 -1.91	30.89 2.03 -1.78	31.37 2.07 -2.36	31.63 2.02 -2.32	31.86 2.05 -2.14	30.46 1.91 -1.60	30.24 1.92 -1.64	29.19 1.83 -1.90	29.51 1.90 -2.32	30.13 1.97 -2.24	33.22 2.04 -3.25	37.05 2.69 -2.38	42.94 3.22 -2.26	47.79 3.50 -1.62	51.24 3.87 -1.84	44.69 3.14 -1.75	37.16 2.66 -2.04	31.94 2.20 -1.94
NSINS_S_GLNS_FALLS 23858	31.55 1.30 0.00	26.55 1.31 0.00	24.41 1.23 0.00	21.99 0.87 0.00	24.63 0.95 0.00	25.88 1.02 0.00	27.06 0.94 0.00	28.03 0.95 0.00	27.79 0.86 0.00	28.17 0.87 0.00	28.56 0.89 0.00	27.81 0.86 0.00	27.45 0.77 0.00	26.20 0.74 0.00	25.97 0.68 0.00	26.60 0.67 0.00	28.74 0.81 0.00	32.94 0.96 0.00	38.73 1.27 0.00	44.21 1.54 0.00	47.17 1.64 0.00	41.19 1.39 0.00	33.59 1.14 0.00	28.85 1.06 0.00
NUCOR_STEEL___DRP 24197	29.34 -0.91 0.00	24.58 -0.66 0.00	22.65 -0.53 0.00	20.64 -0.49 0.00	23.04 -0.64 0.00	24.22 -0.65 0.00	25.42 -0.71 0.00	26.43 -0.65 0.00	26.36 -0.57 0.00	26.75 -0.55 0.00	27.12 -0.55 0.00	26.30 -0.65 0.00	26.07 -0.61 0.00	24.85 -0.61 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.40 -0.53 0.00	31.37 -0.61 0.00	36.71 -0.75 0.00	41.95 -0.73 0.00	44.85 -0.68 0.00	39.12 -0.68 0.00	31.67 -0.78 0.00	27.10 -0.69 0.00
NUMBER_THREE_WT_PWR 323818	30.25 0.00 0.00	25.24 0.00 0.00	23.13 -0.05 0.00	21.08 -0.04 0.00	23.64 -0.05 0.00	24.84 -0.02 0.00	26.12 0.00 0.00	27.05 -0.03 0.00	26.66 -0.27 0.00	26.89 -0.41 0.00	27.26 -0.41 0.00	26.46 -0.48 0.00	26.09 -0.59 0.00	24.80 -0.66 0.00	24.63 -0.66 0.00	25.27 -0.65 0.00	27.37 -0.56 0.00	31.41 -0.57 0.00	36.97 -0.49 0.00	42.42 -0.25 0.00	45.35 -0.18 0.00	39.80 0.00 0.00	32.29 -0.16 0.00	27.55 -0.25 0.00
NYISO_LBMP_REFERENCE 24008	30.25 0.00 0.00	25.24 0.00 0.00	23.18 0.00 0.00	21.13 0.00 0.00	23.68 0.00 0.00	24.86 0.00 0.00	26.12 0.00 0.00	27.08 0.00 0.00	26.93 0.00 0.00	27.29 0.00 0.00	27.67 0.00 0.00	26.95 0.00 0.00	26.68 0.00 0.00	25.46 0.00 0.00	25.29 0.00 0.00	25.92 0.00 0.00	27.93 0.00 0.00	31.98 0.00 0.00	37.46 0.00 0.00	42.67 0.00 0.00	45.53 0.00 0.00	39.80 0.00 0.00	32.45 0.00 0.00	27.80 0.00 0.00
NYPA_BRENTWD____GT 24164	35.88 2.36 -3.28	30.66 2.19 -3.23	28.18 2.13 -2.87	24.73 1.97 -1.64	26.70 2.11 -0.91	29.17 2.09 -2.22	30.59 2.04 -2.43	31.40 2.06 -2.26	32.01 2.07 -3.01	32.31 2.07 -2.94	32.65 2.13 -2.85	31.06 2.08 -2.04	30.79 2.03 -2.09	29.88 1.99 -2.44	30.39 2.05 -3.05	30.99 2.10 -2.97	34.62 2.15 -4.53	37.72 2.72 -3.03	43.51 3.18 -2.87	48.18 3.46 -2.05	51.64 3.78 -2.34	45.13 3.11 -2.22	37.71 2.66 -2.59	32.54 2.20 -2.55

NYPA_GOWANUS____GT5 24156	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NYPA_GOWANUS____GT6 24157	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.52 1.58 -0.02	29.60 1.65 -0.02	33.85 1.85 -0.02	39.58 2.10 -0.02	44.78 2.09 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.19 1.72 -0.02	29.27 1.47 0.00
NYPA_HARLEM__RVR__GT1 24160	31.51 1.27 0.01	26.59 1.36 0.01	24.55 1.37 0.00	22.37 1.25 0.00	24.98 1.30 0.00	26.07 1.22 0.01	27.21 1.10 0.01	28.21 1.14 0.01	28.10 1.18 0.01	28.57 1.28 0.01	28.96 1.30 0.01	28.34 1.40 0.01	28.08 1.41 0.01	26.90 1.45 0.01	26.76 1.47 0.00	27.26 1.35 0.01	29.38 1.45 0.01	33.63 1.66 0.01	39.33 1.87 0.01	44.46 1.79 0.01	47.52 2.00 0.01	41.42 1.63 0.01	33.94 1.49 0.01	29.04 1.25 0.01
NYPA_HARLEM__RVR__GT2 24161	31.51 1.27 0.01	26.59 1.36 0.01	24.55 1.37 0.00	22.37 1.25 0.00	24.98 1.30 0.00	26.07 1.22 0.01	27.21 1.10 0.01	28.21 1.14 0.01	28.10 1.18 0.01	28.57 1.28 0.01	28.96 1.30 0.01	28.34 1.40 0.01	28.08 1.41 0.01	26.90 1.45 0.01	26.76 1.47 0.00	27.26 1.35 0.01	29.38 1.45 0.01	33.63 1.66 0.01	39.33 1.87 0.01	44.46 1.79 0.01	47.52 2.00 0.01	41.42 1.63 0.01	33.94 1.49 0.01	29.04 1.25 0.01
NYPA_KENT____GT 24152	31.73 1.48 0.00	26.75 1.51 0.00	24.64 1.46 0.00	22.46 1.33 0.00	25.08 1.40 0.00	26.18 1.32 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.27 1.35 0.00	28.74 1.45 0.00	29.14 1.47 0.00	28.48 1.54 0.00	28.23 1.55 0.00	26.98 1.53 0.00	26.87 1.57 -0.01	27.49 1.56 -0.01	29.54 1.59 -0.01	33.81 1.82 -0.01	39.53 2.06 -0.01	44.73 2.05 -0.01	47.82 2.28 -0.01	41.68 1.87 -0.01	34.15 1.69 -0.01	29.21 1.42 0.00
NYPA_POUCHI____GT 24155	31.86 1.60 -0.01	26.88 1.64 0.00	24.73 1.55 0.00	22.54 1.42 0.00	25.18 1.49 0.00	26.26 1.39 0.00	27.43 1.31 0.00	28.43 1.35 0.00	28.33 1.40 0.00	28.79 1.50 0.00	29.19 1.52 0.00	28.54 1.59 0.00	28.28 1.60 0.00	27.06 1.60 0.00	26.93 1.62 -0.02	27.55 1.61 -0.02	29.60 1.65 -0.02	33.82 1.82 -0.02	39.54 2.06 -0.02	44.78 2.09 -0.02	47.83 2.28 -0.02	41.81 1.99 -0.02	34.26 1.78 -0.02	29.35 1.56 0.00
NYPA_VERNON____GT2 24162	31.67 1.42 0.00	26.70 1.46 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.08 1.41 0.00	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.45 1.53 0.00	29.50 1.56 0.00	33.77 1.79 0.00	39.49 2.02 0.00	44.68 2.01 0.00	47.76 2.23 0.00	41.63 1.83 0.00	34.08 1.62 0.00	29.16 1.36 0.00
NYPA_VERNON____GT3 24163	31.67 1.42 0.00	26.70 1.46 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.33 1																

OAKDALE___35_KV_LOAD 356122	29.70 -0.54 0.00	24.86 -0.38 0.00	22.95 -0.23 0.00	20.89 -0.23 0.00	23.30 -0.38 0.00	24.49 -0.37 0.00	25.68 -0.44 0.00	26.62 -0.46 0.00	26.55 -0.38 0.00	26.86 -0.44 0.00	27.28 -0.39 0.00	26.52 -0.43 0.00	26.25 -0.43 0.00	25.02 -0.43 0.00	24.91 -0.38 0.00	25.51 -0.41 0.00	27.49 -0.45 0.00	31.47 -0.51 0.00	36.90 -0.56 0.00	42.16 -0.51 0.00	45.07 -0.46 0.00	39.28 -0.52 0.00	31.87 -0.58 0.00	27.38 -0.42 0.00
OCC_CHEM___DRP 24175	27.01 -3.24 0.00	22.41 -2.83 0.00	20.82 -2.36 0.00	19.01 -2.11 0.00	21.01 -2.68 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.97 -2.96 0.00	24.07 -3.22 0.00	24.52 -3.15 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.78 -3.16 0.00	28.40 -3.58 0.00	33.30 -4.16 0.00	38.15 -4.52 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.59 -3.86 0.00	24.82 -2.97 0.00
OH_GEN_PROXY 24063	27.28 -2.96 0.00	22.59 -2.65 0.00	21.00 -2.18 0.00	19.16 -1.96 0.00	21.20 -2.49 0.00	22.43 -2.44 0.00	23.40 -2.72 0.00	24.18 -2.90 0.00	24.24 -2.69 0.00	24.40 -2.89 0.00	24.82 -2.85 0.00	24.04 -2.91 0.00	23.96 -2.72 0.00	22.84 -2.62 0.00	22.71 -2.58 0.00	23.20 -2.72 0.00	25.00 -2.93 0.00	28.72 -3.26 0.00	33.72 -3.75 0.00	38.79 -3.88 0.00	41.30 -4.23 0.00	35.86 -3.94 0.00	29.01 -3.44 0.00	25.35 -2.45 0.00
OLIN_CORP_DRP 24177	26.92 -3.33 0.00	22.29 -2.95 0.00	20.70 -2.48 0.00	18.91 -2.22 0.00	20.89 -2.79 0.00	22.13 -2.74 0.00	23.09 -3.03 0.00	23.83 -3.25 0.00	23.89 -3.04 0.00	24.02 -3.28 0.00	24.43 -3.24 0.00	23.66 -3.29 0.00	23.61 -3.07 0.00	22.50 -2.95 0.00	22.36 -2.93 0.00	22.84 -3.08 0.00	24.72 -3.21 0.00	28.30 -3.68 0.00	33.23 -4.23 0.00	38.06 -4.61 0.00	40.75 -4.78 0.00	35.38 -4.42 0.00	28.53 -3.93 0.00	24.77 -3.03 0.00
OLIN_CORP_DSASP 323712	27.01 -3.24 0.00	22.41 -2.83 0.00	20.86 -2.32 0.00	19.03 -2.09 0.00	21.03 -2.65 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.94 -2.99 0.00	24.07 -3.22 0.00	24.52 -3.16 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.72 -3.21 0.00	28.37 -3.61 0.00	33.30 -4.16 0.00	38.32 -4.35 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.69 -3.76 0.00	25.13 -2.67 0.00
ONEIDA_HERK_LFGE 323681	30.43 0.18 0.00	25.47 0.23 0.00	23.36 0.18 0.00	21.29 0.17 0.00	23.87 0.19 0.00	25.06 0.20 0.00	26.33 0.21 0.00	27.27 0.19 0.00	27.04 0.11 0.00	27.32 0.03 0.00	27.73 0.06 0.00	26.97 0.03 0.00	26.63 -0.05 0.00	25.36 -0.10 0.00	25.21 -0.08 0.00	25.84 -0.08 0.00	27.90 -0.03 0.00	31.98 0.00 0.00	37.61 0.15 0.00	42.97 0.30 0.00	45.94 0.41 0.00	40.19 0.40 0.00	32.65 0.20 0.00	27.91 0.11 0.00
ONEIDA___115KV_TB4 55905	30.46 0.21 0.00	25.52 0.28 0.00	23.46 0.28 0.00	21.38 0.25 0.00	23.94 0.26 0.00	25.14 0.27 0.00	26.38 0.26 0.00	27.35 0.27 0.00	27.20 0.27 0.00	27.51 0.22 0.00	27.95 0.28 0.00	27.16 0.22 0.00	26.84 0.16 0.00	25.58 0.13 0.00	25.47 0.18 0.00	26.08 0.16 0.00	28.18 0.25 0.00	32.27 0.29 0.00	37.87 0.41 0.00	43.27 0.60 0.00	46.30 0.77 0.00	40.43 0.64 0.00	32.81 0.36 0.00	28.02 0.22 0.00
ONONDAGA_REF_OCCRA 23987	29.43 -0.82 0.00	24.66 -0.58 0.00	22.72 -0.46 0.00	20.70 -0.42 0.00	23.11 -0.57 0.00	24.27 -0.60 0.00	25.47 -0.65 0.00	26.46 -0.62 0.00	26.39 -0.54 0.00	26.75 -0.55 0.00	27.14 -0.53 0.00	26.38 -0.57 0.00	26.12 -0.56 0.00	24.90 -0.56 0.00	24.78 -0.51 0.00	25.40 -0.52 0.00	27.43 -0.50 0.00	31.37 -0.61 0.00	36.71 -0.75 0.00	41.86 -0.81 0.00	44.76 -0.77 0.00	39.08 -0.72 0.00	31.71 -0.75 0.00	27.16 -0.64 0.00
ONONDAGA___COGEN 23986	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.60 -0.53 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.60 -0.86 0.00	41.73 -0.94 0.00	44.62 -0.91 0.00	38.96 -0.84 0.00	31.58 -0.88 0.00	27.02 -0.78 0.00
ONTARIO___LFGE 23819	29.13 -1.12 0.00	24.35 -0.88 0.00	22.49 -0.69 0.00	20.49 -0.63 0.00	22.83 -0.85 0.00	24.04 -0.82 0.00	25.23 -0.89 0.00	26.21 -0.87 0.00	26.17 -0.75 0.00	26.50 -0.79 0.00	26.90 -0.77 0.00	26.06 -0.89 0.00	25.82 -0.85 0.00	24.59 -0.87 0.00	24.48 -0.81 0.00	25.04 -0.88 0.00	27.10 -0.84 0.00	31.08 -0.90 0.00	36.49 -0.97 0.00	41.69 -0.98 0.00	44.53 -1.00 0.00	38.92 -0.88 0.00	31.41 -1.04 0.00	27.02 -0.78 0.00
ORANGEVILLE_WT_PWR 323706	27.65 -2.60 0.00	22.99 -2.25 0.00	21.30 -1.88 0.00	19.39 -1.73 0.00	21.55 -2.13 0.00	22.80 -2.06 0.00	23.93 -2.19 0.00	24.75 -2.33 0.00	24.77 -2.16 0.00	24.97 -2.32 0.00	25.40 -2.27 0.00	24.58 -2.37 0.00	24.41 -2.27 0.00	23.24 -2.21 0.00	23.09 -2.20 0.00	23.54 -2.38 0.00	25.39 -2.54 0.00	29.17 -2.81 0.00	34.28 -3.18 0.00	39.52 -3.16 0.00	42.25 -3.28 0.00	36.73 -3.06 0.00	29.76 -2.69 0.00	25.91 -1.89 0.00
ORANGEVILLE___ESR 323794	27.65 -2.60 0.00	22.99 -2.25 0.00	21.30 -1.88 0.00	19.39 -1.73 0.00	21.55 -2.13 0.00	22.80 -2.06 0.00	23.93 -2.19 0.00	24.75 -2.33 0.00	24.77 -2.16 0.00	24.97 -2.32 0.00	25.40 -2.27 0.00	24.58 -2.37 0.00	24.41 -2.27 0.00	23.24 -2.21 0.00	23.09 -2.20 0.00	23.54 -2.38 0.00	25.39 -2.54 0.00	29.17 -2.81 0.00	34.28 -3.18 0.00	39.52 -3.16 0.00	42.25 -3.28 0.00	36.73 -3.06 0.00	29.76 -2.69 0.00	25.91 -1.89 0.00
OSWEGATCHIE___HYD 24044	30.00 -0.24 0.00	24.83 -0.40 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.23 -0.45 0.00	24.39 -0.47 0.00	25.81 -0.31 0.00	26.76 -0.32 0.00	26.47 -0.46 0.00	26.72 -0.57 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.01 -0.67 0.00	24.74 -0.71 0.00	24.56 -0.73 0.00	25.20 -0.73 0.00	27.32 -0.61 0.00	31.25 -0.73 0.00	36.75 -0.71 0.00	42.08 -0.60 0.00	44.76 -0.77 0.00	39.48 -0.32 0.00	32.06 -0.39 0.00	27.32 -0.47 0.00
OSWEGO___5 23606	28.83 -1.42 0.00	24.10 -1.14 0.00	22.21 -0.97 0.00	20.24 -0.89 0.00	22.59 -1.09 0.00	23.75 -1.12 0.00	24.92 -1.20 0.00	25.86 -1.22 0.00	25.77 -1.16 0.00	26.12 -1.17 0.00	26.48 -1.19 0.00	25.76 -1.19 0.00	25.51 -1.17 0.00	24.34 -1.12 0.00	24.20 -1.09 0.00	24.81 -1.11 0.00	26.76 -1.17 0.00	30.64 -1.34 0.00	35.85 -1.61 0.00	40.92 -1.75 0.00	43.71 -1.82 0.00	38.13 -1.67 0.00	30.99 -1.46 0.00	26.60 -1.19 0.00
OSWEGO___6 23613	28.83 -1.42 0.00	24.10 -1.14 0.00	22.21 -0.97 0.00	20.24 -0.89 0.00	22.59 -1.09 0.00	23.75 -1.12 0.00	24.92 -1.20 0.00	25.86 -1.22 0.00	25.77 -1.16 0.00	26.12 -1.17 0.00	26.48 -1.19 0.00	25.76 -1.19 0.00	25.51 -1.17 0.00	24.34 -1.12 0.00	24.20 -1.09 0.00	24.81 -1.11 0.00	26.76 -1.17 0.00	30.64 -1.34 0.00	35.85 -1.61 0.00	40.92 -1.75 0.00	43.71 -1.82 0.00	38.13 -1.67 0.00	30.99 -1.46 0.00	26.60 -1.19 0.00

OUTOKUMPU-AB___DRP 24206	27.46 -2.78 0.00	22.79 -2.45 0.00	21.16 -2.02 0.00	19.33 -1.80 0.00	21.36 -2.32 0.00	22.63 -2.24 0.00	23.56 -2.56 0.00	24.32 -2.76 0.00	24.37 -2.56 0.00	24.51 -2.78 0.00	24.96 -2.71 0.00	24.15 -2.80 0.00	24.06 -2.61 0.00	22.94 -2.52 0.00	22.81 -2.48 0.00	23.28 -2.64 0.00	25.17 -2.77 0.00	28.88 -3.10 0.00	33.90 -3.56 0.00	38.88 -3.80 0.00	41.57 -3.96 0.00	36.10 -3.70 0.00	29.14 -3.31 0.00	25.32 -2.47 0.00
OXBOW___BTM 323836	27.25 -3.00 0.00	22.61 -2.63 0.00	21.05 -2.13 0.00	19.20 -1.92 0.00	21.22 -2.46 0.00	22.48 -2.39 0.00	23.38 -2.74 0.00	24.13 -2.95 0.00	24.15 -2.77 0.00	24.32 -2.97 0.00	24.77 -2.91 0.00	23.96 -2.99 0.00	23.88 -2.80 0.00	22.76 -2.70 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	24.94 -2.99 0.00	28.65 -3.33 0.00	33.64 -3.82 0.00	38.75 -3.93 0.00	41.25 -4.28 0.00	35.82 -3.98 0.00	28.98 -3.47 0.00	25.38 -2.42 0.00
OXBOW___ 24026	27.25 -2.99 0.00	22.61 -2.62 0.00	21.02 -2.16 0.00	19.20 -1.92 0.00	21.22 -2.46 0.00	22.48 -2.39 0.00	23.38 -2.74 0.00	24.13 -2.95 0.00	24.18 -2.75 0.00	24.32 -2.98 0.00	24.77 -2.91 0.00	23.96 -2.99 0.00	23.88 -2.80 0.00	22.76 -2.70 0.00	22.64 -2.66 0.00	23.12 -2.80 0.00	25.00 -2.93 0.00	28.65 -3.33 0.00	33.64 -3.82 0.00	38.53 -4.14 0.00	41.25 -4.28 0.00	35.82 -3.98 0.00	28.91 -3.54 0.00	25.10 -2.70 0.00
OXY_CHEM_DSASP 323612	27.01 -3.24 0.00	22.41 -2.83 0.00	20.82 -2.36 0.00	19.01 -2.11 0.00	21.01 -2.68 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.97 -2.96 0.00	24.07 -3.22 0.00	24.52 -3.15 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.78 -3.16 0.00	28.40 -3.58 0.00	33.30 -4.16 0.00	38.15 -4.52 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.59 -3.86 0.00	24.82 -2.97 0.00
OZONE_PARK_ESR 323760	31.85 1.60 0.00	26.85 1.62 0.00	24.71 1.53 0.00	22.52 1.39 0.00	25.15 1.47 0.00	26.31 1.44 0.00	27.51 1.38 0.00	28.49 1.41 0.00	28.38 1.45 0.00	28.82 1.53 0.00	29.25 1.58 0.00	28.56 1.62 0.00	28.31 1.63 0.00	27.06 1.60 0.00	26.96 1.67 0.00	27.63 1.71 0.00	29.61 1.68 0.00	33.99 2.01 0.00	39.78 2.32 0.00	45.11 2.43 0.00	48.17 2.64 0.00	41.91 2.11 0.00	34.30 1.85 0.00	29.38 1.58 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.01 -3.24 0.00	22.41 -2.83 0.00	20.82 -2.36 0.00	19.01 -2.11 0.00	21.01 -2.68 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.97 -2.96 0.00	24.07 -3.22 0.00	24.52 -3.15 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.78 -3.16 0.00	28.40 -3.58 0.00	33.30 -4.16 0.00	38.15 -4.52 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.59 -3.86 0.00	24.82 -2.97 0.00
PACKARD___115KV_DUPONT_184 80571	27.01 -3.24 0.00	22.41 -2.83 0.00	20.82 -2.36 0.00	19.01 -2.11 0.00	21.01 -2.68 0.00	22.25 -2.61 0.00	23.14 -2.98 0.00	23.89 -3.20 0.00	23.97 -2.96 0.00	24.07 -3.22 0.00	24.52 -3.15 0.00	23.74 -3.21 0.00	23.66 -3.01 0.00	22.55 -2.90 0.00	22.43 -2.86 0.00	22.91 -3.01 0.00	24.78 -3.16 0.00	28.40 -3.58 0.00	33.30 -4.16 0.00	38.15 -4.52 0.00	40.79 -4.74 0.00	35.42 -4.38 0.00	28.59 -3.86 0.00	24.82 -2.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.52 1.27 0.00	26.58 1.34 0.00	24.50 1.32 0.00	22.33 1.20 0.00	24.94 1.26 0.00	26.03 1.17 0.00	27.19 1.07 0.00	28.19 1.11 0.00	28.09 1.16 0.00	28.55 1.26 0.00	28.94 1.27 0.00	28.29 1.35 0.00	28.04 1.36 0.00	26.81 1.35 0.00	26.68 1.39 0.00	27.35 1.43 0.00	29.33 1.40 0.00	33.58 1.60 0.00	39.30 1.84 0.00	44.51 1.83 0.00	47.49 1.96 0.00	41.39 1.59 0.00	33.91 1.46 0.00	29.13 1.33 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.70 1.45 0.00	26.75 1.51 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.38 1.30 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.08 1.41 0.00	28.46 1.51 0.00	28.17 1.49 0.00	26.96 1.50 0.00	26.83 1.54 0.00	27.50 1.58 0.00	29.50 1.56 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.14 1.69 0.00	29.35 1.56 0.00
PATROON___115KV_TB1 80586	30.46 0.21 0.00	25.64 0.40 0.00	23.64 0.46 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.21 0.35 0.00	26.38 0.26 0.00	27.33 0.24 0.00	27.09 0.16 0.00	27.48 0.19 0.00	27.84 0.17 0.00	27.16 0.22 0.00	26.84 0.16 0.00	25.66 0.20 0.00	25.44 0.15 0.00	26.08 0.16 0.00	28.07 0.14 0.00	32.14 0.16 0.00	37.61 0.15 0.00	42.76 0.09 0.00	45.62 0.09 0.00	39.84 0.04 0.00	32.68 0.23 0.00	28.07 0.28 0.00
PATTRSNVILLE___SOLAR 323815	30.91 0.66 0.00	25.94 0.71 0.00	23.90 0.72 0.00	21.72 0.59 0.00	24.30 0.61 0.00	25.51 0.65 0.00	26.70 0.57 0.00	27.62 0.54 0.00	27.39 0.46 0.00	27.73 0.44 0.00	28.11 0.44 0.00	27.38 0.43 0.00	27.05 0.37 0.00	25.81 0.36 0.00	25.64 0.35 0.00	26.28 0.36 0.00	28.35 0.42 0.00	32.52 0.54 0.00	38.21 0.75 0.00	43.61 0.94 0.00	46.58 1.05 0.00	40.67 0.87 0.00	33.20 0.75 0.00	28.46 0.67 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.89 -2.36 0.00	23.14 -2.09 0.00	21.49 -1.69 0.00	19.60 -1.52 0.00	21.72 -1.97 0.00	22.97 -1.89 0.00	23.98 -2.14 0.00	24.73 -2.36 0.00	24.75 -2.18 0.00	24.92 -2.37 0.00	25.37 -2.30 0.00	24.55 -2.40 0.00	24.41 -2.27 0.00	23.27 -2.19 0.00	23.14 -2.15 0.00	23.61 -2.31 0.00	25.45 -2.49 0.00	29.23 -2.75 0.00	34.35 -3.11 0.00	39.47 -3.20 0.00	42.25 -3.28 0.00	36.65 -3.14 0.00	29.60 -2.86 0.00	25.77 -2.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.73 1.48 0.00	26.73 1.49 0.00	24.59 1.41 0.00	22.37 1.25 0.00	25.03 1.35 0.00	26.23 1.37 0.00	27.35 1.23 0.00	28.27 1.19 0.00	28.14 1.21 0.00	28.55 1.26 0.00	29.00 1.33 0.00	28.32 1.37 0.00	28.01 1.33 0.00	26.76 1.30 0.00	26.63 1.34 0.00	27.30 1.37 0.00	29.38 1.45 0.00	33.67 1.69 0.00	39.52 2.06 0.00	44.81 2.13 0.00	47.90 2.37 0.00	41.67 1.87 0.00	34.14 1.69 0.00	29.21 1.42 0.00
PEEKSKILL___ 23653	31.49 1.24 0.00	26.50 1.26 0.00	24.41 1.23 0.00	22.24 1.12 0.00	24.84 1.16 0.00	26.01 1.14 0.00	27.17 1.05 0.00	28.11 1.03 0.00	27.98 1.05 0.00	28.41 1.12 0.00	28.83 1.16 0.00	28.13 1.18 0.00	27.88 1.20 0.00	26.65 1.20 0.00	26.53 1.24 0.00	27.19 1.27 0.00	29.19 1.26 0.00	33.45 1.47 0.00	39.19 1.72 0.00	44.42 1.75 0.00	47.49 1.96 0.00	41.35 1.55 0.00	33.85 1.39 0.00	28.94 1.14 0.00
PGE MADISON___WINDPWR 24146	31.31 1.06 0.00	26.32 1.08 0.00	24.20 1.02 0.00	22.08 0.95 0.00	24.70 1.02 0.00	25.98 1.12 0.00	27.30 1.18 0.00	28.27 1.19 0.00	28.17 1.24 0.00	28.33 1.04 0.00	28.86 1.19 0.00	28.03 1.08 0.00	27.53 0.85 0.00	26.20 0.74 0.00	26.10 0.81 0.00	26.75 0.83 0.00	28.99 1.06 0.00	33.23 1.25 0.00	39.26 1.80 0.00	45.15 2.47 0.00	48.49 2.96 0.00	42.27 2.47 0.00	34.07 1.62 0.00	29.08 1.28 0.00

PIERCEFIELD___HYD 23852	30.34 0.09 0.00	24.89 -0.35 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.28 -0.40 0.00	24.44 -0.42 0.00	26.02 -0.10 0.00	26.97 -0.11 0.00	26.77 -0.16 0.00	27.08 -0.22 0.00	27.42 -0.25 0.00	26.65 -0.30 0.00	26.41 -0.27 0.00	25.15 -0.31 0.00	24.91 -0.38 0.00	25.58 -0.34 0.00	27.71 -0.22 0.00	31.66 -0.32 0.00	37.12 -0.34 0.00	42.42 -0.26 0.00	44.89 -0.64 0.00	39.76 -0.04 0.00	32.39 -0.06 0.00	27.57 -0.22 0.00
PINELAWN_CC_1 323563	38.66 2.12 -6.30	33.14 2.02 -5.88	30.35 1.95 -5.23	25.88 1.79 -2.96	27.23 1.92 -1.63	30.83 1.91 -4.05	32.37 1.83 -4.42	33.05 1.84 -4.13	34.25 1.86 -5.47	34.51 1.86 -5.36	35.14 1.91 -5.56	32.56 1.89 -3.72	32.35 1.87 -3.81	31.80 1.83 -4.51	33.03 1.87 -5.87	33.60 1.92 -5.76	39.33 1.98 -9.42	39.95 2.46 -5.51	45.49 2.81 -5.21	49.44 3.03 -3.73	53.06 3.28 -4.25	46.55 2.71 -4.04	39.57 2.40 -4.72	34.66 1.97 -4.89
PJM_GEN_HTTP_PROXY 323702	31.67 1.42 0.00	26.70 1.46 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.12 1.44 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.47 1.54 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.76 2.09 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.07 1.62 0.00	29.13 1.33 0.00
PJM_GEN_KEystone 24065	29.76 -0.49 0.00	24.94 -0.30 0.00	23.04 -0.14 0.00	21.00 -0.13 0.00	23.40 -0.28 0.00	24.57 -0.30 0.00	25.68 -0.44 0.00	26.54 -0.54 0.00	26.47 -0.46 0.00	26.80 -0.49 0.00	27.20 -0.47 0.00	26.49 -0.46 0.00	26.28 -0.40 0.00	25.08 -0.38 0.00	24.96 -0.33 0.00	25.56 -0.36 0.00	27.43 -0.50 0.00	31.47 -0.51 0.00	36.90 -0.56 0.00	42.16 -0.51 0.00	45.03 -0.50 0.00	39.12 -0.68 0.00	31.90 -0.55 0.00	27.49 -0.31 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.17 1.66 -0.26	27.53 1.69 -0.60	25.38 1.67 -0.53	22.95 1.54 -0.28	25.45 1.63 -0.14	26.89 1.62 -0.41	28.09 1.51 -0.45	29.04 1.54 -0.42	29.01 1.51 -0.57	29.41 1.55 -0.56	29.39 1.58 -0.14	28.94 1.62 -0.38	28.69 1.63 -0.39	27.42 1.58 -0.38	27.15 1.62 -0.24	27.74 1.63 -0.19	29.19 1.65 0.39	34.54 1.98 -0.58	40.22 2.21 -0.55	45.37 2.30 -0.39	48.48 2.50 -0.45	42.29 2.07 -0.43	34.86 1.91 -0.50	29.55 1.53 -0.23
PJM_GEN_VFT_PROXY 323633	31.52 1.27 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.31 1.18 0.00	24.91 1.23 0.00	26.06 1.19 0.00	27.24 1.12 0.00	28.19 1.11 0.00	28.11 1.18 0.00	28.52 1.23 0.00	28.92 1.25 0.00	28.27 1.32 0.00	28.01 1.33 0.00	26.78 1.32 0.00	26.68 1.39 0.00	27.35 1.42 0.00	29.33 1.40 0.00	33.67 1.69 0.00	39.37 1.91 0.00	44.55 1.88 0.00	47.63 2.10 0.00	41.47 1.67 0.00	33.91 1.46 0.00	28.96 1.17 0.00
PLATSBURG_115KV_PMLD1 355749	31.12 0.88 0.00	25.69 0.45 0.00	23.43 0.25 0.00	21.40 0.27 0.00	24.01 0.33 0.00	25.24 0.37 0.00	26.67 0.55 0.00	27.68 0.60 0.00	27.52 0.59 0.00	27.89 0.60 0.00	28.25 0.58 0.00	27.43 0.49 0.00	27.21 0.53 0.00	25.92 0.46 0.00	25.67 0.38 0.00	26.34 0.41 0.00	28.46 0.53 0.00	32.49 0.51 0.00	38.06 0.60 0.00	43.48 0.81 0.00	46.26 0.73 0.00	40.71 0.92 0.00	33.13 0.68 0.00	28.27 0.47 0.00
PLEASANTVLY___LBMP 24000	31.34 1.09 0.00	26.37 1.14 0.00	24.32 1.14 0.00	22.14 1.01 0.00	24.75 1.07 0.00	25.91 1.04 0.00	27.06 0.94 0.00	28.00 0.92 0.00	27.84 0.92 0.00	28.28 0.98 0.00	28.67 1.00 0.00	28.00 1.05 0.00	27.72 1.04 0.00	26.50 1.04 0.00	26.35 1.06 0.00	27.04 1.11 0.00	29.02 1.09 0.00	33.29 1.31 0.00	38.96 1.50 0.00	44.21 1.54 0.00	47.21 1.68 0.00	41.15 1.35 0.00	33.69 1.23 0.00	28.88 1.08 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.08 1.22 0.00	27.22 1.10 0.00	28.19 1.11 0.00	28.06 1.13 0.00	28.49 1.20 0.00	28.89 1.22 0.00	28.21 1.27 0.00	27.96 1.28 0.00	26.73 1.27 0.00	26.61 1.32 0.00	27.27 1.35 0.00	29.27 1.34 0.00	33.58 1.60 0.00	39.30 1.84 0.00	44.59 1.92 0.00	47.62 2.09 0.00	41.47 1.67 0.00	33.94 1.49 0.00	29.10 1.31 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.58 1.33 0.00	26.58 1.34 0.00	24.48 1.30 0.00	22.29 1.16 0.00	24.91 1.23 0.00	26.08 1.22 0.00	27.22 1.10 0.00	28.19 1.11 0.00	28.06 1.13 0.00	28.49 1.20 0.00	28.89 1.22 0.00	28.21 1.27 0.00	27.96 1.28 0.00	26.73 1.27 0.00	26.61 1.32 0.00	27.27 1.35 0.00	29.27 1.34 0.00	33.58 1.60 0.00	39.30 1.84 0.00	44.59 1.92 0.00	47.62 2.09 0.00	41.47 1.67 0.00	33.94 1.49 0.00	29.10 1.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.49 1.24 0.00	26.50 1.26 0.00	24.41 1.23 0.00	22.22 1.10 0.00	24.84 1.16 0.00	26.03 1.17 0.00	27.14 1.02 0.00	28.08 1.00 0.00	27.92 1.00 0.00	28.30 1.01 0.00	28.69 1.02 0.00	28.03 1.08 0.00	27.77 1.09 0.00	26.55 1.09 0.00	26.40 1.11 0.00	27.06 1.14 0.00	29.11 1.17 0.00	33.39 1.41 0.00	39.15 1.69 0.00	44.38 1.71 0.00	47.44 1.91 0.00	41.31 1.51 0.00	33.85 1.40 0.00	29.02 1.22 0.00
POLETTI_____ 23519	31.61 1.36 0.00	26.65 1.41 0.00	24.55 1.37 0.00	22.37 1.25 0.00	24.98 1.30 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.27 1.19 0.00	28.14 1.21 0.00	28.58 1.28 0.00	29.00 1.33 0.00	28.35 1.40 0.00	28.07 1.39 0.00	26.86 1.40 0.00	26.76 1.47 0.00	27.42 1.50 0.00	29.38 1.45 0.00	33.69 1.73 0.02	39.43 1.99 0.02	44.66 2.01 0.02	47.70 2.19 0.02	41.55 1.75 0.00	34.01 1.56 0.00	29.16 1.36 0.00
POMONA___ESR 323819	31.49 1.24 0.00	26.50 1.26 0.00	24.41 1.23 0.00	22.22 1.10 0.00	24.84 1.16 0.00	26.01 1.14 0.00	27.14 1.02 0.00	28.08 1.00 0.00	27.98 1.05 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.85 1.17 0.00	26.63 1.17 0.00	26.50 1.21 0.00	27.17 1.24 0.00	29.16 1.23 0.00	33.42 1.44 0.00	39.15 1.69 0.00	44.38 1.71 0.00	47.49 1.96 0.00	41.31 1.51 0.00	33.81 1.36 0.00	28.94 1.14 0.00
PORT_JEFF_3 23555	35.01 2.27 -2.49	29.89 2.12 -2.54	27.49 2.06 -2.25	24.33 1.92 -1.28	26.45 2.06 -0.71	28.62 2.01 -1.74	29.99 1.96 -1.91	30.81 1.95 -1.78	31.29 1.99 -2.37	31.58 1.97 -2.32	31.83 2.02 -2.14	30.38 1.83 -1.60	30.13 1.82 -1.64	29.14 1.78 -1.90	29.43 1.82 -2.32	30.03 1.87 -2.24	33.11 1.93 -3.25	36.92 2.56 -2.38	42.75 3.03 -2.26	47.53 3.24 -1.62	50.92 3.55 -1.84	44.45 2.90 -1.75	37.03 2.53 -2.04	31.80 2.06 -1.94
PORT_JEFF_4 23616	35.01 2.27 -2.49	29.89 2.12 -2.54	27.49 2.06 -2.25	24.33 1.92 -1.28	26.45 2.06 -0.71	28.62 2.01 -1.74	29.99 1.96 -1.91	30.81 1.95 -1.78	31.29 1.99 -2.37	31.58 1.97 -2.32	31.83 2.02 -2.14	30.38 1.83 -1.60	30.13 1.82 -1.64	29.14 1.78 -1.90	29.43 1.82 -2.32	30.03 1.87 -2.24	33.11 1.93 -3.25	36.92 2.56 -2.38	42.75 3.03 -2.26	47.53 3.24 -1.62	50.92 3.55 -1.84	44.45 2.90 -1.75	37.03 2.53 -2.04	31.80 2.06 -1.94

PORT_JEFF_IC 23713	35.22 2.33 -2.64	30.05 2.15 -2.67	27.66 2.11 -2.37	24.42 1.94 -1.35	26.51 2.08 -0.74	28.74 2.04 -1.84	30.11 1.99 -2.01	30.93 1.98 -1.87	31.41 1.99 -2.49	31.75 2.02 -2.44	32.00 2.05 -2.28	30.52 1.89 -1.69	30.27 1.87 -1.73	29.29 1.83 -2.00	29.62 1.87 -2.46	30.25 1.94 -2.39	33.39 1.96 -3.50	37.14 2.65 -2.51	42.91 3.07 -2.37	47.74 3.37 -1.70	51.11 3.64 -1.94	44.62 2.98 -1.84	37.20 2.60 -2.15	32.03 2.17 -2.06
PPL PILGRIM_ST_GT1 24216	35.88 2.36 -3.28	30.66 2.19 -3.23	28.18 2.13 -2.87	24.73 1.97 -1.64	26.70 2.11 -0.91	29.17 2.09 -2.22	30.59 2.04 -2.43	31.40 2.06 -2.26	32.01 2.07 -3.01	32.31 2.07 -2.94	32.65 2.13 -2.85	31.06 2.08 -2.04	30.79 2.03 -2.09	29.88 1.99 -2.44	30.39 2.05 -3.05	30.99 2.10 -2.97	34.62 2.15 -4.53	37.72 2.72 -3.03	43.51 3.18 -2.87	48.18 3.46 -2.05	51.64 3.78 -2.34	45.13 3.11 -2.22	37.71 2.66 -2.59	32.54 2.20 -2.55
PPL PILGRIM_ST_GT2 24217	35.88 2.36 -3.28	30.66 2.19 -3.23	28.18 2.13 -2.87	24.73 1.97 -1.64	26.70 2.11 -0.91	29.17 2.09 -2.22	30.59 2.04 -2.43	31.40 2.06 -2.26	32.01 2.07 -3.01	32.31 2.07 -2.94	32.65 2.13 -2.85	31.06 2.08 -2.04	30.79 2.03 -2.09	29.88 1.99 -2.44	30.39 2.05 -3.05	30.99 2.10 -2.97	34.62 2.15 -4.53	37.72 2.72 -3.03	43.51 3.18 -2.87	48.18 3.46 -2.05	51.64 3.78 -2.34	45.13 3.11 -2.22	37.71 2.66 -2.59	32.54 2.20 -2.55
PPL_SHRM_GT3 24213	35.20 2.39 -2.56	30.03 2.19 -2.60	27.62 2.13 -2.31	24.44 2.01 -1.31	26.56 2.15 -0.72	28.76 2.11 -1.79	30.14 2.06 -1.95	30.94 2.03 -1.82	31.45 2.10 -2.42	31.72 2.05 -2.37	31.93 2.05 -2.21	30.50 1.91 -1.64	30.28 1.92 -1.68	29.24 1.83 -1.95	29.57 1.90 -2.38	30.20 1.97 -2.31	33.34 2.04 -3.37	37.14 2.72 -2.44	43.03 3.26 -2.31	47.87 3.54 -1.66	51.28 3.87 -1.89	44.77 3.18 -1.79	37.24 2.69 -2.09	32.02 2.22 -2.00
PPL_SHRM_GT4 24214	35.20 2.39 -2.56	30.03 2.19 -2.60	27.62 2.13 -2.31	24.44 2.01 -1.31	26.56 2.15 -0.72	28.76 2.11 -1.79	30.14 2.06 -1.95	30.94 2.03 -1.82	31.45 2.10 -2.42	31.72 2.05 -2.37	31.93 2.05 -2.21	30.50 1.91 -1.64	30.28 1.92 -1.68	29.24 1.83 -1.95	29.57 1.90 -2.38	30.20 1.97 -2.31	33.34 2.04 -3.37	37.14 2.72 -2.44	43.03 3.26 -2.31	47.87 3.54 -1.66	51.28 3.87 -1.89	44.77 3.18 -1.79	37.24 2.69 -2.09	32.02 2.22 -2.00
PROJECT___ORANGE 1 24174	29.34 -0.91 0.00	24.58 -0.66 0.00	22.65 -0.53 0.00	20.64 -0.49 0.00	23.04 -0.64 0.00	24.22 -0.65 0.00	25.39 -0.73 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.33 -0.62 0.00	26.07 -0.61 0.00	24.85 -0.61 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.31 -0.67 0.00	36.60 -0.86 0.00	41.69 -0.98 0.00	44.53 -1.00 0.00	38.92 -0.88 0.00	31.61 -0.84 0.00	27.07 -0.72 0.00
PROJECT___ORANGE 2 24166	29.34 -0.91 0.00	24.58 -0.66 0.00	22.65 -0.53 0.00	20.64 -0.49 0.00	23.04 -0.64 0.00	24.22 -0.65 0.00	25.39 -0.73 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.33 -0.62 0.00	26.07 -0.61 0.00	24.85 -0.61 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.31 -0.67 0.00	36.60 -0.86 0.00	41.69 -0.98 0.00	44.53 -1.00 0.00	38.92 -0.88 0.00	31.61 -0.84 0.00	27.07 -0.72 0.00
PUCKETT___SOLAR 323809	30.13 -0.12 0.00	25.24 0.00 0.00	23.27 0.09 0.00	21.21 0.08 0.00	23.68 0.00 0.00	24.89 0.02 0.00	26.10 -0.03 0.00	27.05 -0.03 0.00	26.95 0.03 0.00	27.24 -0.05 0.00	27.67 0.00 0.00	26.87 -0.08 0.00	26.55 -0.13 0.00	25.31 -0.15 0.00	25.19 -0.10 0.00	25.79 -0.13 0.00	27.82 -0.11 0.00	31.92 -0.06 0.00	37.50 0.04 0.00	42.93 0.26 0.00	45.94 0.41 0.00	40.00 0.20 0.00	32.45 0.00 0.00	27.85 0.06 0.00
PYRITES___HYD 24023	30.94 0.70 0.00	25.42 0.18 0.00	23.13 -0.05 0.00	21.13 0.00 0.00	23.75 0.07 0.00	24.96 0.10 0.00	26.54 0.42 0.00	27.49 0.41 0.00	27.22 0.30 0.00	27.51 0.22 0.00	27.84 0.17 0.00	27.03 0.08 0.00	26.81 0.13 0.00	25.51 0.05 0.00	25.27 -0.03 0.00	25.97 0.05 0.00	28.18 0.25 0.00	32.24 0.26 0.00	37.91 0.45 0.00	43.40 0.73 0.00	45.99 0.46 0.00	40.71 0.92 0.00	33.10 0.65 0.00	28.16 0.36 0.00
QUAKERRD_115KV_BK1 80622	27.98 -2.27 0.00	23.30 -1.94 0.00	21.49 -1.69 0.00	19.63 -1.50 0.00	21.86 -1.82 0.00	23.02 -1.84 0.00	24.11 -2.01 0.00	25.05 -2.03 0.00	24.99 -1.94 0.00	25.30 -1.99 0.00	25.68 -1.99 0.00	24.95 -1.99 0.00	24.79 -1.89 0.00	23.62 -1.83 0.00	23.49 -1.80 0.00	24.03 -1.89 0.00	26.06 -1.87 0.00	29.81 -2.17 0.00	34.91 -2.55 0.00	39.98 -2.69 0.00	42.71 -2.82 0.00	37.25 -2.55 0.00	29.99 -2.47 0.00	25.77 -2.03 0.00
QUENSBRY_115KV_TB8 356137	31.58 1.33 0.00	26.58 1.34 0.00	24.43 1.25 0.00	21.99 0.87 0.00	24.63 0.95 0.00	25.88 1.02 0.00	27.06 0.94 0.00	28.03 0.95 0.00	27.82 0.89 0.00	28.19 0.90 0.00	28.56 0.89 0.00	27.84 0.89 0.00	27.45 0.77 0.00	26.20 0.74 0.00	25.97 0.68 0.00	26.62 0.70 0.00	28.74 0.81 0.00	32.97 0.99 0.00	38.73 1.27 0.00	44.21 1.54 0.00	47.21 1.68 0.00	41.19 1.39 0.00	33.62 1.17 0.00	28.88 1.08 0.00
RAMAPO___LBMP 323565	31.37 1.12 0.00	26.40 1.16 0.00	24.32 1.14 0.00	22.14 1.01 0.00	24.75 1.07 0.00	25.91 1.04 0.00	27.06 0.94 0.00	28.00 0.92 0.00	27.87 0.94 0.00	28.28 0.98 0.00	28.69 1.02 0.00	28.03 1.08 0.00	27.75 1.07 0.00	26.53 1.07 0.00	26.40 1.11 0.00	27.06 1.14 0.00	29.05 1.12 0.00	33.29 1.31 0.00	39.00 1.54 0.00	44.29 1.62 0.00	47.31 1.78 0.00	41.15 1.35 0.00	33.72 1.27 0.00	28.91 1.11 0.00
RANKINE____ 23646	27.71 -2.54 0.00	22.99 -2.25 0.00	21.35 -1.83 0.00	19.48 -1.65 0.00	21.55 -2.13 0.00	22.83 -2.04 0.00	23.82 -2.30 0.00	24.59 -2.49 0.00	24.61 -2.32 0.00	24.78 -2.51 0.00	25.24 -2.44 0.00	24.41 -2.53 0.00	24.31 -2.37 0.00	23.17 -2.29 0.00	23.04 -2.25 0.00	23.48 -2.44 0.00	25.36 -2.57 0.00	29.13 -2.85 0.00	34.20 -3.26 0.00	39.26 -3.41 0.00	42.02 -3.51 0.00	36.49 -3.30 0.00	29.47 -2.99 0.00	25.60 -2.20 0.00
RAVENSWOOD_GT2_1 24244	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.03 1.36 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.42 1.50 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.59 1.79 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT2_2 24245	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.03 1.36 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.42 1.50 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.59 1.79 0.00	34.07 1.62 0.00	29.21 1.42 0.00



RAVENSWOOD_GT2_3 24246	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT2_4 24247	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT3_1 24248	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT3_2 24249	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT3_3 24250	31.70 1.45 0.00	26.70 1.46 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.08 1.41 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.44 1.51 0.00	33.77 1.79 0.00	39.56 2.10 0.00	44.81 2.13 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.11 1.66 0.00	29.24 1.45 0.00
RAVENSWOOD_GT3_4 24251	31.70 1.45 0.00	26.70 1.46 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.18 1.32 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.08 1.41 0.00	28.40 1.46 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.44 1.51 0.00	33.77 1.79 0.00	39.56 2.10 0.00	44.81 2.13 0.00	47.85 2.32 0.00	41.67 1.87 0.00	34.11 1.66 0.00	29.24 1.45 0.00
RAVENSWOOD_GT_1 23729	31.67 1.42 0.00	26.70 1.46 0.00	24.59 1.41 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.33 1.25 0.00	28.22 1.29 0.00	28.69 1.39 0.00	29.08 1.41 0.00	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.48 1.56 0.00	29.47 1.54 0.00	33.77 1.79 0.00	39.49 2.02 0.00	44.77 2.09 0.00	47.76 2.23 0.00	41.59 1.79 0.00	34.08 1.62 0.00	29.27 1.47 0.00
RAVENSWOOD_GT_10 24258	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT_11 24259	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT_4 24252	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.42 1.48 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.77 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.08 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT_5 24254	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.42 1.48 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.77 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.08 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT_6 24253	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.42 1.48 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.77 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.08 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT_7 24255	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.35 1.23 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.42 1.48 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.77 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.08 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00
RAVENSWOOD_GT_9 24257	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.38 1.43 0.00	28.12 1.44 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.45 1.53 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.21 1.42 0.00

RAVENSWOOD___1 23533	31.64 1.39 0.00	26.70 1.46 0.00	24.57 1.39 0.00	22.41 1.29 0.00	25.03 1.35 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.22 1.29 0.00	28.66 1.36 0.00	29.08 1.41 0.00	28.40 1.45 0.00	28.15 1.47 0.00	26.93 1.48 0.00	26.81 1.52 0.00	27.42 1.50 0.00	29.47 1.54 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.68 2.01 0.00	47.72 2.19 0.00	41.59 1.79 0.00	34.04 1.59 0.00	29.13 1.33 0.00
RAVENSWOOD___2 23534	31.64 1.39 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.15 1.47 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.40 1.48 0.00	29.47 1.54 0.00	33.74 1.76 0.00	39.44 1.98 0.00	44.64 1.96 0.00	47.72 2.19 0.00	41.59 1.79 0.00	34.04 1.59 0.00	29.13 1.33 0.00
RAVENSWOOD___3 23535	31.67 1.42 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.16 1.29 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.63 1.34 0.00	29.05 1.38 0.00	28.37 1.43 0.00	28.12 1.44 0.00	26.88 1.42 0.00	26.78 1.49 0.00	27.42 1.50 0.00	29.44 1.51 0.00	33.77 1.79 0.00	39.48 2.02 0.00	44.72 2.05 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.07 1.62 0.00	29.13 1.33 0.00
RAVENSWOOD___4 23820	31.64 1.39 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.45 0.00	28.12 1.44 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.40 1.48 0.00	29.44 1.51 0.00	33.73 1.76 0.00	39.44 1.98 0.00	44.63 1.96 0.00	47.67 2.14 0.00	41.54 1.75 0.00	34.04 1.59 0.00	29.10 1.31 0.00
RCPL_TRUST___DRP 24196	31.73 1.48 0.00	26.73 1.49 0.00	24.62 1.44 0.00	22.44 1.31 0.00	25.06 1.37 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.11 1.44 0.00	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.83 1.54 0.00	27.50 1.58 0.00	29.47 1.54 0.00	33.83 1.85 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.90 2.37 0.00	41.71 1.91 0.00	34.14 1.69 0.00	29.27 1.47 0.00
RED___ROCHESTER 323720	28.52 -1.72 0.00	23.70 -1.54 0.00	21.90 -1.27 0.00	20.01 -1.12 0.00	22.24 -1.45 0.00	23.45 -1.42 0.00	24.53 -1.59 0.00	25.48 -1.60 0.00	25.45 -1.48 0.00	25.77 -1.53 0.00	26.15 -1.52 0.00	25.41 -1.53 0.00	25.26 -1.41 0.00	24.08 -1.38 0.00	23.95 -1.34 0.00	24.47 -1.45 0.00	26.54 -1.40 0.00	30.41 -1.57 0.00	35.66 -1.80 0.00	40.97 -1.71 0.00	43.66 -1.87 0.00	38.05 -1.75 0.00	30.60 -1.85 0.00	26.46 -1.33 0.00
REGAN___SOLAR 323812	31.58 1.33 0.00	26.53 1.29 0.00	24.38 1.20 0.00	22.12 0.99 0.00	24.80 1.11 0.00	26.06 1.19 0.00	27.24 1.12 0.00	28.17 1.08 0.00	27.90 0.97 0.00	28.25 0.95 0.00	28.67 0.99 0.00	27.89 0.94 0.00	27.48 0.80 0.00	26.20 0.74 0.00	26.02 0.73 0.00	26.67 0.75 0.00	28.80 0.87 0.00	33.10 1.12 0.00	39.03 1.57 0.00	44.68 2.01 0.00	47.72 2.19 0.00	41.67 1.87 0.00	34.01 1.56 0.00	29.16 1.36 0.00
RENSSELAER___COGEN 23796	30.34 0.09 0.00	25.54 0.30 0.00	23.55 0.37 0.00	21.44 0.32 0.00	23.94 0.26 0.00	25.11 0.25 0.00	26.28 0.16 0.00	27.22 0.14 0.00	27.01 0.08 0.00	27.38 0.08 0.00	27.73 0.06 0.00	27.03 0.08 0.00	26.73 0.05 0.00	25.53 0.08 0.00	25.34 0.05 0.00	25.97 0.05 0.00	27.99 0.06 0.00	32.04 0.06 0.00	37.46 0.00 0.00	42.63 -0.04 0.00	45.44 -0.09 0.00	39.68 -0.12 0.00	32.52 0.07 0.00	27.96 0.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.46 2.21 0.00	27.41 2.17 0.00	25.13 1.95 0.00	22.56 1.44 0.00	25.32 1.63 0.00	26.68 1.82 0.00	27.90 1.78 0.00	28.84 1.76 0.00	28.57 1.64 0.00	28.93 1.64 0.00	29.30 1.63 0.00	28.54 1.59 0.00	28.04 1.36 0.00	26.70 1.25 0.00	26.50 1.21 0.00	27.14 1.22 0.00	29.47 1.54 0.00	33.80 1.82 0.00	39.90 2.43 0.00	45.70 3.03 0.00	48.76 3.23 0.00	42.58 2.79 0.00	34.69 2.24 0.00	29.80 2.00 0.00
REVERE_CPPR_DRP 24186	30.70 0.45 0.00	25.72 0.48 0.00	23.62 0.44 0.00	21.53 0.40 0.00	24.11 0.43 0.00	25.31 0.45 0.00	26.59 0.47 0.00	27.54 0.46 0.00	27.36 0.43 0.00	27.65 0.35 0.00	28.09 0.42 0.00	27.32 0.38 0.00	26.97 0.29 0.00	25.69 0.23 0.00	25.57 0.28 0.00	26.21 0.29 0.00	28.32 0.39 0.00	32.43 0.45 0.00	38.10 0.64 0.00	43.57 0.90 0.00	46.62 1.09 0.00	40.75 0.96 0.00	33.04 0.58 0.00	28.21 0.42 0.00
REYNLDPA_13_KV_LD 356490	30.73 0.48 0.00	25.36 0.13 0.00	23.13 -0.05 0.00	21.13 0.00 0.00	23.73 0.05 0.00	24.94 0.07 0.00	26.36 0.24 0.00	27.33 0.24 0.00	27.17 0.24 0.00	27.57 0.27 0.00	27.95 0.28 0.00	27.16 0.22 0.00	26.95 0.27 0.00	25.69 0.23 0.00	25.47 0.18 0.00	26.13 0.21 0.00	28.21 0.28 0.00	32.20 0.22 0.00	37.69 0.22 0.00	43.01 0.34 0.00	45.71 0.18 0.00	40.23 0.44 0.00	32.81 0.36 0.00	28.02 0.22 0.00
REYNOLDS_115KV_TB3 80639	30.52 0.27 0.00	25.69 0.45 0.00	23.71 0.53 0.00	21.59 0.46 0.00	24.11 0.43 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.38 0.30 0.00	27.14 0.22 0.00	27.54 0.25 0.00	27.86 0.19 0.00	27.19 0.24 0.00	26.89 0.21 0.00	25.69 0.23 0.00	25.47 0.18 0.00	26.13 0.21 0.00	28.10 0.17 0.00	32.20 0.22 0.00	37.69 0.22 0.00	42.84 0.17 0.00	45.71 0.18 0.00	39.92 0.12 0.00	32.68 0.23 0.00	28.13 0.33 0.00
RIVERBAY____ 323610	31.70 1.45 0.00	26.75 1.51 0.00	24.66 1.48 0.00	22.48 1.35 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.38 1.30 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.08 1.41 0.00	28.46 1.51 0.00	28.17 1.49 0.00	26.96 1.50 0.00	26.83 1.54 0.00	27.50 1.58 0.00	29.50 1.56 0.00	33.77 1.79 0.00	39.52 2.06 0.00	44.76 2.09 0.00	47.81 2.28 0.00	41.63 1.83 0.00	34.14 1.69 0.00	29.35 1.56 0.00
RIVERSDE_115KV_TB3 55908	30.46 0.21 0.00	25.62 0.38 0.00	23.64 0.46 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.21 0.35 0.00	26.38 0.26 0.00	27.30 0.22 0.00	27.09 0.16 0.00	27.46 0.16 0.00	27.81 0.14 0.00	27.14 0.19 0.00	26.84 0.16 0.00	25.64 0.18 0.00	25.42 0.13 0.00	26.08 0.16 0.00	28.04 0.11 0.00	32.14 0.16 0.00	37.57 0.11 0.00	42.76 0.09 0.00	45.62 0.09 0.00	39.80 0.00 0.00	32.61 0.16 0.00	28.05 0.25 0.00
ROARING___BROOK_WT_PWR 323790	30.07 -0.18 0.00	25.06 -0.18 0.00	23.02 -0.16 0.00	20.98 -0.15 0.00	23.52 -0.16 0.00	24.69 -0.17 0.00	25.99 -0.13 0.00	26.95 -0.13 0.00	26.77 -0.16 0.00	27.13 -0.16 0.00	27.48 -0.19 0.00	26.73 -0.22 0.00	26.44 -0.24 0.00	25.18 -0.28 0.00	24.99 -0.30 0.00	25.58 -0.34 0.00	27.60 -0.33 0.00	31.60 -0.38 0.00	37.01 -0.45 0.00	42.20 -0.47 0.00	45.03 -0.50 0.00	39.40 -0.40 0.00	32.13 -0.32 0.00	27.52 -0.28 0.00

ROCHESRG_115KV_T4 355643	28.28 -1.97 0.00	23.52 -1.72 0.00	21.72 -1.46 0.00	19.86 -1.27 0.00	22.05 -1.63 0.00	23.27 -1.59 0.00	24.35 -1.78 0.00	25.27 -1.81 0.00	25.26 -1.67 0.00	25.52 -1.77 0.00	25.90 -1.77 0.00	25.17 -1.78 0.00	25.00 -1.68 0.00	23.83 -1.63 0.00	23.70 -1.59 0.00	24.24 -1.68 0.00	26.28 -1.65 0.00	30.06 -1.92 0.00	35.25 -2.21 0.00	40.37 -2.30 0.00	43.16 -2.37 0.00	37.61 -2.19 0.00	30.28 -2.17 0.00	26.05 -1.75 0.00
ROCHESTER_9_IC 23652	28.40 -1.85 0.00	23.62 -1.62 0.00	21.81 -1.37 0.00	19.94 -1.18 0.00	22.17 -1.52 0.00	23.37 -1.49 0.00	24.45 -1.67 0.00	25.40 -1.68 0.00	25.37 -1.56 0.00	25.66 -1.64 0.00	26.04 -1.63 0.00	25.30 -1.64 0.00	25.13 -1.55 0.00	23.96 -1.50 0.00	23.82 -1.47 0.00	24.37 -1.56 0.00	26.45 -1.48 0.00	30.25 -1.73 0.00	35.48 -1.99 0.00	40.62 -2.05 0.00	43.44 -2.09 0.00	37.85 -1.95 0.00	30.41 -2.04 0.00	26.16 -1.64 0.00
ROCKVIEW_13_KV_LD 356306	31.70 1.45 0.00	26.68 1.44 0.00	24.59 1.41 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.18 1.32 0.00	27.32 1.20 0.00	28.30 1.22 0.00	28.17 1.24 0.00	28.60 1.31 0.00	29.03 1.36 0.00	28.35 1.40 0.00	28.09 1.41 0.00	26.88 1.43 0.00	26.76 1.47 0.00	27.42 1.50 0.00	29.41 1.48 0.00	33.74 1.76 0.00	39.48 2.02 0.00	44.81 2.13 0.00	47.85 2.32 0.00	41.63 1.83 0.00	34.11 1.66 0.00	29.21 1.42 0.00
ROME____115KV_TB2 80656	30.70 0.45 0.00	25.72 0.48 0.00	23.62 0.44 0.00	21.53 0.40 0.00	24.11 0.43 0.00	25.31 0.45 0.00	26.59 0.47 0.00	27.54 0.46 0.00	27.36 0.43 0.00	27.65 0.35 0.00	28.09 0.42 0.00	27.32 0.38 0.00	26.97 0.29 0.00	25.69 0.23 0.00	25.57 0.28 0.00	26.21 0.29 0.00	28.32 0.39 0.00	32.43 0.45 0.00	38.10 0.64 0.00	43.57 0.90 0.00	46.62 1.09 0.00	40.75 0.96 0.00	33.04 0.58 0.00	28.21 0.42 0.00
ROSETON___1 23587	31.33 1.09 0.00	26.38 1.14 0.00	24.29 1.11 0.00	22.12 0.99 0.00	24.72 1.04 0.00	25.88 1.02 0.00	27.04 0.91 0.00	27.97 0.89 0.00	27.84 0.92 0.00	28.25 0.95 0.00	28.67 0.99 0.00	28.00 1.05 0.00	27.72 1.04 0.00	26.50 1.04 0.00	26.35 1.06 0.00	27.04 1.11 0.00	29.02 1.09 0.00	33.26 1.28 0.00	38.96 1.50 0.00	44.21 1.53 0.00	47.22 1.69 0.00	41.15 1.35 0.00	33.68 1.23 0.00	28.80 1.00 0.00
ROSETON___2 23588	31.33 1.09 0.00	26.38 1.14 0.00	24.29 1.11 0.00	22.12 0.99 0.00	24.72 1.04 0.00	25.88 1.02 0.00	27.04 0.91 0.00	27.97 0.89 0.00	27.84 0.92 0.00	28.25 0.95 0.00	28.67 0.99 0.00	28.00 1.05 0.00	27.72 1.04 0.00	26.50 1.04 0.00	26.35 1.06 0.00	27.04 1.11 0.00	29.02 1.09 0.00	33.26 1.28 0.00	38.96 1.50 0.00	44.21 1.53 0.00	47.22 1.69 0.00	41.15 1.35 0.00	33.68 1.23 0.00	28.80 1.00 0.00
ROTRRDAM_115KV_TB3 80664	30.76 0.51 0.00	25.79 0.56 0.00	23.78 0.60 0.00	21.61 0.49 0.00	24.18 0.50 0.00	25.36 0.50 0.00	26.57 0.44 0.00	27.51 0.43 0.00	27.30 0.38 0.00	27.68 0.38 0.00	28.06 0.39 0.00	27.32 0.38 0.00	27.03 0.35 0.00	25.81 0.36 0.00	25.62 0.33 0.00	26.26 0.34 0.00	28.30 0.36 0.00	32.43 0.45 0.00	38.02 0.56 0.00	43.31 0.64 0.00	46.26 0.73 0.00	40.39 0.60 0.00	32.97 0.52 0.00	28.30 0.50 0.00
RUSSELL___1 23602	28.52 -1.72 0.00	23.70 -1.54 0.00	21.88 -1.30 0.00	20.01 -1.12 0.00	22.24 -1.44 0.00	23.45 -1.42 0.00	24.53 -1.59 0.00	25.48 -1.60 0.00	25.47 -1.45 0.00	25.77 -1.53 0.00	26.15 -1.52 0.00	25.41 -1.54 0.00	25.27 -1.41 0.00	24.08 -1.37 0.00	23.95 -1.34 0.00	24.47 -1.45 0.00	26.59 -1.34 0.00	30.41 -1.57 0.00	35.66 -1.80 0.00	40.88 -1.79 0.00	43.66 -1.87 0.00	38.05 -1.75 0.00	30.57 -1.88 0.00	26.27 -1.53 0.00
RUSSELL___2 23532	28.52 -1.72 0.00	23.70 -1.54 0.00	21.88 -1.30 0.00	20.01 -1.12 0.00	22.24 -1.44 0.00	23.45 -1.42 0.00	24.53 -1.59 0.00	25.48 -1.60 0.00	25.47 -1.45 0.00	25.77 -1.53 0.00	26.15 -1.52 0.00	25.41 -1.54 0.00	25.27 -1.41 0.00	24.08 -1.37 0.00	23.95 -1.34 0.00	24.47 -1.45 0.00	26.59 -1.34 0.00	30.41 -1.57 0.00	35.66 -1.80 0.00	40.88 -1.79 0.00	43.66 -1.87 0.00	38.05 -1.75 0.00	30.57 -1.88 0.00	26.27 -1.53 0.00
RUSSELL___3 23549	28.52 -1.72 0.00	23.70 -1.54 0.00	21.88 -1.30 0.00	20.01 -1.12 0.00	22.24 -1.44 0.00	23.45 -1.42 0.00	24.53 -1.59 0.00	25.48 -1.60 0.00	25.47 -1.45 0.00	25.77 -1.53 0.00	26.15 -1.52 0.00	25.41 -1.54 0.00	25.27 -1.41 0.00	24.08 -1.37 0.00	23.95 -1.34 0.00	24.47 -1.45 0.00	26.59 -1.34 0.00	30.41 -1.57 0.00	35.66 -1.80 0.00	40.88 -1.79 0.00	43.66 -1.87 0.00	38.05 -1.75 0.00	30.57 -1.88 0.00	26.27 -1.53 0.00
RUSSELL___4 23556	28.52 -1.72 0.00	23.70 -1.54 0.00	21.88 -1.30 0.00	20.01 -1.12 0.00	22.24 -1.44 0.00	23.45 -1.42 0.00	24.53 -1.59 0.00	25.48 -1.60 0.00	25.47 -1.45 0.00	25.77 -1.53 0.00	26.15 -1.52 0.00	25.41 -1.54 0.00	25.27 -1.41 0.00	24.08 -1.37 0.00	23.95 -1.34 0.00	24.47 -1.45 0.00	26.59 -1.34 0.00	30.41 -1.57 0.00	35.66 -1.80 0.00	40.88 -1.79 0.00	43.66 -1.87 0.00	38.05 -1.75 0.00	30.57 -1.88 0.00	26.27 -1.53 0.00
RUSSELL___STATION 23914	28.52 -1.72 0.00	23.70 -1.54 0.00	21.88 -1.30 0.00	20.01 -1.12 0.00	22.24 -1.44 0.00	23.45 -1.42 0.00	24.53 -1.59 0.00	25.48 -1.60 0.00	25.47 -1.45 0.00	25.77 -1.53 0.00	26.15 -1.52 0.00	25.41 -1.54 0.00	25.27 -1.41 0.00	24.08 -1.37 0.00	23.95 -1.34 0.00	24.47 -1.45 0.00	26.59 -1.34 0.00	30.41 -1.57 0.00	35.66 -1.80 0.00	40.88 -1.79 0.00	43.66 -1.87 0.00	38.05 -1.75 0.00	30.57 -1.88 0.00	26.27 -1.53 0.00
S SALMON___HYD 24043	29.31 -0.94 0.00	24.53 -0.71 0.00	22.56 -0.62 0.00	20.56 -0.57 0.00	22.99 -0.69 0.00	24.12 -0.75 0.00	25.28 -0.84 0.00	26.24 -0.84 0.00	26.09 -0.83 0.00	26.45 -0.85 0.00	26.87 -0.80 0.00	26.08 -0.86 0.00	25.82 -0.85 0.00	24.59 -0.87 0.00	24.43 -0.86 0.00	25.04 -0.88 0.00	27.04 -0.89 0.00	30.99 -0.99 0.00	36.37 -1.09 0.00	41.65 -1.02 0.00	44.48 -1.05 0.00	38.92 -0.88 0.00	31.61 -0.84 0.00	27.05 -0.75 0.00
S.PERRY__115KV_TB1 80734	28.98 -1.27 0.00	24.13 -1.11 0.00	22.28 -0.90 0.00	20.37 -0.76 0.00	22.64 -1.04 0.00	23.89 -0.97 0.00	25.02 -1.10 0.00	26.03 -1.06 0.00	25.90 -1.02 0.00	26.15 -1.15 0.00	26.45 -1.22 0.00	25.57 -1.37 0.00	25.37 -1.31 0.00	24.13 -1.32 0.00	24.00 -1.29 0.00	24.52 -1.40 0.00	26.70 -1.23 0.00	30.70 -1.28 0.00	36.22 -1.24 0.00	41.82 -0.85 0.00	44.85 -0.68 0.00	39.04 -0.76 0.00	31.25 -1.20 0.00	26.85 -0.95 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.50 -2.75 0.00	22.79 -2.45 0.00	21.16 -2.02 0.00	19.33 -1.80 0.00	21.36 -2.32 0.00	22.63 -2.24 0.00	23.61 -2.51 0.00	24.37 -2.71 0.00	24.42 -2.50 0.00	24.56 -2.73 0.00	25.01 -2.66 0.00	24.23 -2.72 0.00	24.12 -2.56 0.00	22.99 -2.47 0.00	22.86 -2.43 0.00	23.33 -2.59 0.00	25.22 -2.71 0.00	28.91 -3.07 0.00	33.94 -3.52 0.00	38.92 -3.76 0.00	41.66 -3.87 0.00	36.18 -3.62 0.00	29.21 -3.25 0.00	25.35 -2.45 0.00

SAWYER___23_KV_LOAD 55526	27.50 -2.75 0.00	22.79 -2.45 0.00	21.16 -2.02 0.00	19.33 -1.80 0.00	21.36 -2.32 0.00	22.63 -2.24 0.00	23.61 -2.51 0.00	24.37 -2.71 0.00	24.42 -2.50 0.00	24.56 -2.73 0.00	25.01 -2.66 0.00	24.23 -2.72 0.00	24.12 -2.56 0.00	22.99 -2.47 0.00	22.86 -2.43 0.00	23.33 -2.59 0.00	25.22 -2.71 0.00	28.91 -3.07 0.00	33.94 -3.52 0.00	38.92 -3.76 0.00	41.66 -3.87 0.00	36.18 -3.62 0.00	29.21 -3.25 0.00	25.35 -2.45 0.00
SELKIRK___I 23801	30.58 0.33 0.00	25.69 0.45 0.00	23.71 0.53 0.00	21.57 0.44 0.00	24.11 0.43 0.00	25.29 0.42 0.00	26.46 0.34 0.00	27.38 0.30 0.00	27.14 0.21 0.00	27.51 0.22 0.00	27.87 0.20 0.00	27.16 0.21 0.00	26.87 0.19 0.00	25.66 0.20 0.00	25.47 0.18 0.00	26.10 0.18 0.00	28.13 0.20 0.00	32.23 0.25 0.00	37.76 0.30 0.00	42.97 0.30 0.00	45.85 0.32 0.00	40.08 0.28 0.00	32.81 0.36 0.00	28.19 0.39 0.00
SELKIRK___II 23799	30.46 0.21 0.00	25.62 0.38 0.00	23.62 0.44 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.21 0.35 0.00	26.38 0.26 0.00	27.30 0.22 0.00	27.09 0.16 0.00	27.46 0.16 0.00	27.84 0.17 0.00	27.14 0.19 0.00	26.84 0.16 0.00	25.64 0.18 0.00	25.44 0.15 0.00	26.10 0.18 0.00	28.10 0.17 0.00	32.17 0.19 0.00	37.65 0.19 0.00	42.84 0.17 0.00	45.71 0.18 0.00	39.92 0.12 0.00	32.68 0.23 0.00	28.05 0.25 0.00
SENECA OSWGO___HYD 24041	28.89 -1.36 0.00	24.20 -1.04 0.00	22.30 -0.88 0.00	20.30 -0.82 0.00	22.69 -0.99 0.00	23.82 -1.04 0.00	25.00 -1.12 0.00	25.97 -1.11 0.00	25.90 -1.02 0.00	26.28 -1.01 0.00	26.68 -0.99 0.00	25.90 -1.05 0.00	25.64 -1.04 0.00	24.44 -1.02 0.00	24.33 -0.96 0.00	24.94 -0.98 0.00	26.90 -1.03 0.00	30.80 -1.18 0.00	36.04 -1.42 0.00	41.14 -1.53 0.00	43.93 -1.59 0.00	38.33 -1.47 0.00	31.12 -1.33 0.00	26.68 -1.11 0.00
SENECA___115KV_TB3 355854	27.74 -2.51 0.00	23.02 -2.22 0.00	21.37 -1.81 0.00	19.50 -1.63 0.00	21.57 -2.11 0.00	22.85 -2.01 0.00	23.85 -2.27 0.00	24.62 -2.46 0.00	24.64 -2.29 0.00	24.81 -2.48 0.00	25.26 -2.41 0.00	24.44 -2.51 0.00	24.33 -2.35 0.00	23.19 -2.27 0.00	23.04 -2.25 0.00	23.51 -2.41 0.00	25.39 -2.54 0.00	29.17 -2.81 0.00	34.24 -3.22 0.00	39.30 -3.37 0.00	42.07 -3.46 0.00	36.53 -3.26 0.00	29.50 -2.95 0.00	25.63 -2.17 0.00
SENECA___ENERGY 23797	28.92 -1.33 0.00	24.15 -1.08 0.00	22.30 -0.88 0.00	20.32 -0.80 0.00	22.66 -1.02 0.00	23.84 -1.02 0.00	25.03 -1.10 0.00	26.00 -1.08 0.00	25.93 -1.00 0.00	26.28 -1.01 0.00	26.68 -0.99 0.00	25.87 -1.08 0.00	25.64 -1.04 0.00	24.41 -1.04 0.00	24.30 -0.99 0.00	24.88 -1.04 0.00	26.90 -1.03 0.00	30.83 -1.15 0.00	36.15 -1.31 0.00	41.35 -1.32 0.00	44.12 -1.41 0.00	38.52 -1.28 0.00	31.19 -1.27 0.00	26.80 -1.00 0.00
SHOEMAKER___GT 23640	31.13 0.88 0.00	26.17 0.93 0.00	24.08 0.90 0.00	21.95 0.82 0.00	24.53 0.85 0.00	25.71 0.85 0.00	26.83 0.71 0.00	27.76 0.68 0.00	27.63 0.70 0.00	28.00 0.71 0.00	28.39 0.72 0.00	27.73 0.78 0.00	27.45 0.77 0.00	26.25 0.79 0.00	26.10 0.81 0.00	26.75 0.83 0.00	28.77 0.84 0.00	32.97 0.99 0.00	38.62 1.16 0.00	43.83 1.15 0.00	46.89 1.36 0.00	40.87 1.07 0.00	33.42 0.97 0.00	28.63 0.83 0.00
SHOEMAKR_138KV_BK 111 55601	31.12 0.88 0.00	26.17 0.93 0.00	24.11 0.93 0.00	21.95 0.82 0.00	24.53 0.85 0.00	25.71 0.85 0.00	26.83 0.71 0.00	27.76 0.68 0.00	27.63 0.70 0.00	28.00 0.71 0.00	28.42 0.75 0.00	27.73 0.78 0.00	27.48 0.80 0.00	26.25 0.79 0.00	26.13 0.83 0.00	26.78 0.86 0.00	28.77 0.84 0.00	32.97 0.99 0.00	38.62 1.16 0.00	43.87 1.19 0.00	46.90 1.37 0.00	40.83 1.03 0.00	33.43 0.97 0.00	28.66 0.86 0.00
SHOREHAM_IC_1 23715	35.20 2.39 -2.56	30.03 2.19 -2.60	27.62 2.13 -2.31	24.44 2.01 -1.31	26.56 2.15 -0.72	28.76 2.11 -1.79	30.14 2.06 -1.95	30.94 2.03 -1.82	31.45 2.10 -2.42	31.72 2.05 -2.37	31.93 2.05 -2.21	30.50 1.91 -1.64	30.28 1.92 -1.68	29.24 1.83 -1.95	29.57 1.90 -2.38	30.20 1.97 -2.31	33.34 2.04 -3.37	37.14 2.72 -2.44	43.03 3.26 -2.31	47.87 3.54 -1.66	51.28 3.87 -1.89	44.77 3.18 -1.79	37.24 2.69 -2.09	32.02 2.22 -2.00
SHOREHAM_IC_2 23716	35.20 2.39 -2.56	30.03 2.20 -2.60	27.67 2.18 -2.31	24.44 2.01 -1.31	26.56 2.16 -0.72	28.77 2.11 -1.79	30.14 2.06 -1.95	30.93 2.03 -1.82	31.40 2.05 -2.42	31.71 2.05 -2.37	31.93 2.05 -2.21	30.50 1.91 -1.64	30.28 1.92 -1.68	29.24 1.83 -1.95	29.57 1.90 -2.38	30.20 1.97 -2.31	33.31 2.01 -3.37	37.14 2.72 -2.44	43.03 3.26 -2.31	47.96 3.63 -1.66	51.29 3.87 -1.89	44.77 3.18 -1.79	37.27 2.73 -2.09	32.07 2.28 -2.00
SISSONVILLE____ 23735	30.34 0.09 0.00	24.89 -0.35 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.28 -0.40 0.00	24.44 -0.42 0.00	26.02 -0.10 0.00	26.97 -0.11 0.00	26.77 -0.16 0.00	27.08 -0.22 0.00	27.42 -0.25 0.00	26.65 -0.30 0.00	26.41 -0.27 0.00	25.15 -0.31 0.00	24.91 -0.38 0.00	25.58 -0.34 0.00	27.71 -0.22 0.00	31.66 -0.32 0.00	37.12 -0.34 0.00	42.42 -0.26 0.00	44.89 -0.64 0.00	39.76 -0.04 0.00	32.39 -0.06 0.00	27.57 -0.22 0.00
SITHE_IND_GS1 24169	28.74 -1.51 0.00	24.03 -1.21 0.00	22.14 -1.04 0.00	20.18 -0.95 0.00	22.55 -1.14 0.00	23.67 -1.19 0.00	24.87 -1.25 0.00	25.81 -1.27 0.00	25.69 -1.24 0.00	26.04 -1.26 0.00	26.40 -1.27 0.00	25.68 -1.27 0.00	25.43 -1.25 0.00	24.26 -1.20 0.00	24.13 -1.16 0.00	24.73 -1.19 0.00	26.68 -1.26 0.00	30.54 -1.44 0.00	35.74 -1.72 0.00	40.80 -1.88 0.00	43.57 -1.96 0.00	38.01 -1.79 0.00	30.89 -1.56 0.00	26.52 -1.28 0.00
SITHE_IND_GS2 24170	28.74 -1.51 0.00	24.03 -1.21 0.00	22.14 -1.04 0.00	20.18 -0.95 0.00	22.55 -1.14 0.00	23.67 -1.19 0.00	24.87 -1.25 0.00	25.81 -1.27 0.00	25.69 -1.24 0.00	26.04 -1.26 0.00	26.40 -1.27 0.00	25.68 -1.27 0.00	25.43 -1.25 0.00	24.26 -1.20 0.00	24.13 -1.16 0.00	24.73 -1.19 0.00	26.68 -1.26 0.00	30.54 -1.44 0.00	35.74 -1.72 0.00	40.80 -1.88 0.00	43.57 -1.96 0.00	38.01 -1.79 0.00	30.89 -1.56 0.00	26.52 -1.28 0.00
SITHE_IND_GS3 24171	28.74 -1.51 0.00	24.03 -1.21 0.00	22.14 -1.04 0.00	20.18 -0.95 0.00	22.55 -1.14 0.00	23.67 -1.19 0.00	24.87 -1.25 0.00	25.81 -1.27 0.00	25.69 -1.24 0.00	26.04 -1.26 0.00	26.40 -1.27 0.00	25.68 -1.27 0.00	25.43 -1.25 0.00	24.26 -1.20 0.00	24.13 -1.16 0.00	24.73 -1.19 0.00	26.68 -1.26 0.00	30.54 -1.44 0.00	35.74 -1.72 0.00	40.80 -1.88 0.00	43.57 -1.96 0.00	38.01 -1.79 0.00	30.89 -1.56 0.00	26.52 -1.28 0.00
SITHE_IND_GS4 24172	28.74 -1.51 0.00	24.03 -1.21 0.00	22.14 -1.04 0.00	20.18 -0.95 0.00	22.55 -1.14 0.00	23.67 -1.19 0.00	24.87 -1.25 0.00	25.81 -1.27 0.00	25.69 -1.24 0.00	26.04 -1.26 0.00	26.40 -1.27 0.00	25.68 -1.27 0.00	25.43 -1.25 0.00	24.26 -1.20 0.00	24.13 -1.16 0.00	24.73 -1.19 0.00	26.68 -1.26 0.00	30.54 -1.44 0.00	35.74 -1.72 0.00	40.80 -1.88 0.00	43.57 -1.96 0.00	38.01 -1.79 0.00	30.89 -1.56 0.00	26.52 -1.28 0.00

SITHE___BATAVIA 24024	28.25 -2.00 0.00	23.42 -1.82 0.00	21.70 -1.48 0.00	19.84 -1.29 0.00	22.00 -1.68 0.00	23.22 -1.64 0.00	24.24 -1.88 0.00	25.16 -1.92 0.00	25.10 -1.83 0.00	25.33 -1.97 0.00	25.73 -1.94 0.00	24.93 -2.02 0.00	24.81 -1.87 0.00	23.60 -1.86 0.00	23.47 -1.82 0.00	24.00 -1.92 0.00	26.06 -1.87 0.00	29.90 -2.08 0.00	35.17 -2.29 0.00	40.63 -2.05 0.00	43.30 -2.23 0.00	37.69 -2.11 0.00	30.21 -2.24 0.00	26.29 -1.50 0.00
SITHE___INDEPEND 23800	28.74 -1.51 0.00	24.03 -1.21 0.00	22.14 -1.04 0.00	20.18 -0.95 0.00	22.55 -1.14 0.00	23.67 -1.19 0.00	24.87 -1.25 0.00	25.81 -1.27 0.00	25.69 -1.24 0.00	26.04 -1.26 0.00	26.40 -1.27 0.00	25.68 -1.27 0.00	25.43 -1.25 0.00	24.26 -1.20 0.00	24.13 -1.16 0.00	24.73 -1.19 0.00	26.70 -1.23 0.00	30.54 -1.44 0.00	35.74 -1.72 0.00	40.80 -1.88 0.00	43.57 -1.96 0.00	38.05 -1.75 0.00	30.89 -1.56 0.00	26.46 -1.33 0.00
SITHE___MASSENA 23902	30.82 0.57 0.00	25.31 0.08 0.00	23.09 -0.09 0.00	21.08 -0.04 0.00	23.68 0.00 0.00	24.89 0.02 0.00	26.41 0.29 0.00	27.41 0.33 0.00	27.22 0.30 0.00	27.59 0.30 0.00	27.95 0.28 0.00	27.19 0.24 0.00	26.97 0.29 0.00	25.69 0.23 0.00	25.47 0.18 0.00	26.13 0.21 0.00	28.24 0.31 0.00	32.27 0.29 0.00	37.76 0.30 0.00	43.10 0.43 0.00	45.67 0.14 0.00	40.35 0.56 0.00	32.87 0.42 0.00	28.07 0.28 0.00
SITHE___OGDNSBRG 24021	31.06 0.82 0.00	25.52 0.28 0.00	23.23 0.05 0.00	21.21 0.08 0.00	23.85 0.17 0.00	25.06 0.20 0.00	26.64 0.52 0.00	27.60 0.51 0.00	27.33 0.40 0.00	27.62 0.33 0.00	27.95 0.28 0.00	27.14 0.19 0.00	26.92 0.24 0.00	25.64 0.18 0.00	25.39 0.10 0.00	26.10 0.18 0.00	28.32 0.39 0.00	32.40 0.42 0.00	38.06 0.60 0.00	43.57 0.90 0.00	46.17 0.64 0.00	40.87 1.07 0.00	33.23 0.78 0.00	28.30 0.50 0.00
SITHE___STERLING 23777	30.46 0.21 0.00	25.52 0.28 0.00	23.46 0.28 0.00	21.38 0.25 0.00	23.94 0.26 0.00	25.14 0.27 0.00	26.38 0.26 0.00	27.35 0.27 0.00	27.20 0.27 0.00	27.51 0.22 0.00	27.95 0.28 0.00	27.16 0.21 0.00	26.84 0.16 0.00	25.59 0.13 0.00	25.47 0.18 0.00	26.08 0.16 0.00	28.18 0.25 0.00	32.27 0.29 0.00	37.87 0.41 0.00	43.27 0.60 0.00	46.30 0.77 0.00	40.39 0.60 0.00	32.81 0.36 0.00	28.05 0.25 0.00
SLEIGHT__34_KV_TB1 80719	28.55 -1.69 0.00	23.83 -1.41 0.00	21.97 -1.21 0.00	20.05 -1.08 0.00	22.33 -1.35 0.00	23.52 -1.34 0.00	24.66 -1.46 0.00	25.67 -1.41 0.00	25.64 -1.29 0.00	25.96 -1.34 0.00	26.34 -1.33 0.00	25.57 -1.37 0.00	25.40 -1.28 0.00	24.18 -1.27 0.00	24.08 -1.21 0.00	24.63 -1.30 0.00	26.73 -1.20 0.00	30.54 -1.44 0.00	35.78 -1.69 0.00	40.97 -1.71 0.00	43.75 -1.78 0.00	38.17 -1.63 0.00	30.73 -1.72 0.00	26.35 -1.45 0.00
SMITHTWN_69_KV_BK 1 55830	35.30 2.30 -2.76	30.16 2.15 -2.77	27.73 2.09 -2.46	24.45 1.92 -1.40	26.52 2.06 -0.78	28.81 2.04 -1.91	30.19 1.99 -2.08	31.00 1.98 -1.94	31.51 1.99 -2.59	31.85 2.02 -2.53	32.13 2.08 -2.39	30.64 1.94 -1.75	30.42 1.95 -1.79	29.42 1.88 -2.08	29.81 1.95 -2.57	30.41 2.00 -2.49	33.66 2.04 -3.69	37.27 2.69 -2.60	43.00 3.07 -2.47	47.81 3.37 -1.77	51.14 3.60 -2.01	44.65 2.94 -1.91	37.31 2.63 -2.23	32.14 2.20 -2.15
SOUTH CAIRO___GT 23612	31.16 0.91 0.00	26.20 0.96 0.00	24.11 0.93 0.00	21.91 0.78 0.00	24.51 0.83 0.00	25.86 0.99 0.00	26.88 0.76 0.00	27.76 0.68 0.00	27.47 0.54 0.00	27.70 0.41 0.00	28.00 0.33 0.00	27.30 0.35 0.00	27.03 0.35 0.00	25.79 0.33 0.00	25.59 0.30 0.00	26.26 0.34 0.00	28.44 0.50 0.00	32.72 0.74 0.00	38.43 0.97 0.00	43.61 0.94 0.00	46.71 1.18 0.00	40.71 0.92 0.00	33.49 1.04 0.00	28.80 1.00 0.00
SOUTH HAMPTN___IC 23720	35.23 2.48 -2.50	30.06 2.27 -2.55	27.67 2.23 -2.26	24.50 2.09 -1.28	26.67 2.27 -0.71	28.86 2.24 -1.75	30.20 2.17 -1.91	31.01 2.14 -1.79	31.48 2.18 -2.38	31.75 2.13 -2.33	31.90 2.08 -2.16	30.50 1.94 -1.61	30.25 1.92 -1.65	29.20 1.83 -1.91	29.52 1.90 -2.33	30.12 1.95 -2.26	33.25 2.04 -3.28	37.09 2.72 -2.39	43.14 3.41 -2.27	48.05 3.76 -1.62	51.48 4.10 -1.85	44.86 3.30 -1.76	37.26 2.76 -2.05	32.09 2.34 -1.95
SOUTHDOW_115KV_TB1 355954	28.25 -2.00 0.00	23.45 -1.79 0.00	21.79 -1.39 0.00	19.86 -1.27 0.00	22.00 -1.68 0.00	23.32 -1.54 0.00	24.35 -1.78 0.00	25.19 -1.90 0.00	25.18 -1.75 0.00	25.38 -1.91 0.00	25.90 -1.77 0.00	25.01 -1.94 0.00	24.79 -1.89 0.00	23.55 -1.91 0.00	23.42 -1.87 0.00	23.82 -2.10 0.00	25.67 -2.26 0.00	29.52 -2.46 0.00	34.76 -2.70 0.00	40.11 -2.56 0.00	42.98 -2.55 0.00	37.29 -2.51 0.00	30.21 -2.24 0.00	26.35 -1.45 0.00
SOUTHOLD_69_KV_BK 2 55809	35.26 2.51 -2.50	30.06 2.27 -2.55	27.69 2.25 -2.27	24.57 2.16 -1.29	26.76 2.37 -0.71	28.96 2.34 -1.75	30.31 2.27 -1.92	31.06 2.19 -1.79	31.51 2.21 -2.38	31.78 2.16 -2.33	31.77 1.94 -2.16	30.34 1.78 -1.61	30.09 1.76 -1.65	29.02 1.65 -1.91	29.34 1.72 -2.33	29.97 1.79 -2.26	33.09 1.84 -3.28	36.97 2.59 -2.40	43.18 3.45 -2.27	48.22 3.93 -1.62	51.61 4.23 -1.85	44.90 3.34 -1.76	37.30 2.79 -2.05	32.23 2.47 -1.96
SOUTHOLD___IC 23719	35.26 2.51 -2.50	30.06 2.27 -2.55	27.69 2.25 -2.27	24.57 2.16 -1.29	26.76 2.37 -0.71	28.96 2.34 -1.75	30.31 2.27 -1.92	31.06 2.19 -1.79	31.54 2.23 -2.38	31.78 2.16 -2.33	31.77 1.94 -2.16	30.34 1.78 -1.61	30.09 1.76 -1.65	29.02 1.65 -1.91	29.34 1.72 -2.33	29.97 1.79 -2.26	33.09 1.87 -3.28	36.96 2.59 -2.40	43.17 3.44 -2.27	48.18 3.88 -1.62	51.62 4.23 -1.85	44.90 3.34 -1.76	37.26 2.76 -2.05	32.17 2.42 -1.96
SOUTH_FORK_WT_PWR 323839	34.99 2.24 -2.50	29.86 2.07 -2.55	27.53 2.09 -2.26	24.44 2.03 -1.29	26.64 2.25 -0.71	28.83 2.21 -1.75	30.15 2.11 -1.92	30.87 2.00 -1.79	31.33 2.02 -2.38	31.53 1.91 -2.33	31.43 1.60 -2.16	29.99 1.43 -1.61	29.71 1.39 -1.65	28.69 1.32 -1.91	28.99 1.36 -2.33	29.60 1.42 -2.26	32.72 1.51 -3.28	36.55 2.18 -2.39	42.76 3.03 -2.27	47.75 3.46 -1.62	51.16 3.78 -1.85	44.46 2.90 -1.76	36.91 2.40 -2.05	31.95 2.20 -1.96
SPIERFLS_115KV_TB 1 80737	31.46 1.21 0.00	26.48 1.24 0.00	24.36 1.18 0.00	21.91 0.78 0.00	24.53 0.85 0.00	25.76 0.90 0.00	26.96 0.84 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.45 0.77 0.00	27.73 0.78 0.00	27.35 0.67 0.00	26.09 0.64 0.00	25.87 0.58 0.00	26.52 0.60 0.00	28.63 0.70 0.00	32.81 0.83 0.00	38.58 1.12 0.00	44.04 1.37 0.00	46.99 1.46 0.00	41.03 1.23 0.00	33.46 1.01 0.00	28.74 0.95 0.00
ST LAWRENCE____ 23600	30.40 0.15 0.00	25.09 -0.15 0.00	22.90 -0.28 0.00	20.91 -0.21 0.00	23.52 -0.16 0.00	24.72 -0.15 0.00	26.12 0.00 0.00	27.08 0.00 0.00	26.93 0.00 0.00	27.29 0.00 0.00	27.64 -0.03 0.00	26.92 -0.03 0.00	26.68 0.00 0.00	25.41 -0.05 0.00	25.21 -0.08 0.00	25.87 -0.05 0.00	27.93 0.00 0.00	31.92 -0.06 0.00	37.35 -0.11 0.00	42.59 -0.09 0.00	45.30 -0.23 0.00	39.84 0.04 0.00	32.48 0.03 0.00	27.74 -0.06 0.00

STATE_CA_115KV_115_LB 55624	30.46 0.21 0.00	25.64 0.40 0.00	23.64 0.46 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.21 0.35 0.00	26.38 0.26 0.00	27.33 0.24 0.00	27.09 0.16 0.00	27.48 0.19 0.00	27.84 0.17 0.00	27.16 0.22 0.00	26.87 0.19 0.00	25.66 0.20 0.00	25.44 0.15 0.00	26.08 0.16 0.00	28.07 0.14 0.00	32.17 0.19 0.00	37.61 0.15 0.00	42.76 0.09 0.00	45.62 0.09 0.00	39.84 0.04 0.00	32.68 0.23 0.00	28.07 0.28 0.00
STATE_ST_34_KV_LOAD 55959	29.28 -0.97 0.00	24.48 -0.76 0.00	22.58 -0.60 0.00	20.58 -0.55 0.00	22.95 -0.73 0.00	24.14 -0.72 0.00	25.34 -0.78 0.00	26.35 -0.73 0.00	26.31 -0.62 0.00	26.67 -0.63 0.00	27.03 -0.64 0.00	26.25 -0.70 0.00	25.99 -0.69 0.00	24.80 -0.66 0.00	24.68 -0.61 0.00	25.30 -0.62 0.00	27.37 -0.56 0.00	31.34 -0.64 0.00	36.71 -0.75 0.00	41.91 -0.77 0.00	44.76 -0.77 0.00	39.08 -0.72 0.00	31.61 -0.84 0.00	27.02 -0.78 0.00
STATION_5_MISC_HYD 23604	28.40 -1.85 0.00	23.62 -1.62 0.00	21.83 -1.35 0.00	19.94 -1.18 0.00	22.17 -1.52 0.00	23.37 -1.49 0.00	24.45 -1.67 0.00	25.40 -1.68 0.00	25.34 -1.59 0.00	25.66 -1.64 0.00	26.04 -1.63 0.00	25.30 -1.64 0.00	25.13 -1.55 0.00	23.96 -1.50 0.00	23.82 -1.47 0.00	24.37 -1.55 0.00	26.40 -1.54 0.00	30.22 -1.76 0.00	35.47 -1.99 0.00	40.75 -1.92 0.00	43.44 -2.09 0.00	37.81 -1.99 0.00	30.44 -2.01 0.00	26.35 -1.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.70 -1.54 0.00	23.93 -1.31 0.00	22.07 -1.11 0.00	20.15 -0.97 0.00	22.45 -1.23 0.00	23.65 -1.22 0.00	24.76 -1.36 0.00	25.75 -1.33 0.00	25.72 -1.21 0.00	26.04 -1.26 0.00	26.40 -1.27 0.00	25.65 -1.29 0.00	25.45 -1.23 0.00	24.26 -1.20 0.00	24.13 -1.16 0.00	24.68 -1.24 0.00	26.76 -1.17 0.00	30.60 -1.38 0.00	35.89 -1.57 0.00	41.05 -1.62 0.00	43.89 -1.64 0.00	38.28 -1.51 0.00	30.83 -1.62 0.00	26.46 -1.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.31 -1.94 0.00	23.55 -1.69 0.00	21.74 -1.44 0.00	19.86 -1.27 0.00	22.10 -1.59 0.00	23.27 -1.59 0.00	24.37 -1.75 0.00	25.32 -1.76 0.00	25.29 -1.64 0.00	25.57 -1.72 0.00	25.96 -1.72 0.00	25.22 -1.72 0.00	25.08 -1.60 0.00	23.90 -1.55 0.00	23.77 -1.52 0.00	24.31 -1.61 0.00	26.37 -1.56 0.00	30.16 -1.82 0.00	35.36 -2.10 0.00	40.50 -2.18 0.00	43.30 -2.23 0.00	37.73 -2.07 0.00	30.34 -2.11 0.00	26.07 -1.72 0.00
STA_56___34_KV_BUS2 355983	28.31 -1.94 0.00	23.55 -1.69 0.00	21.74 -1.44 0.00	19.86 -1.27 0.00	22.10 -1.59 0.00	23.27 -1.59 0.00	24.37 -1.75 0.00	25.32 -1.76 0.00	25.29 -1.64 0.00	25.57 -1.72 0.00	25.96 -1.72 0.00	25.22 -1.72 0.00	25.08 -1.60 0.00	23.90 -1.55 0.00	23.77 -1.52 0.00	24.31 -1.61 0.00	26.37 -1.56 0.00	30.16 -1.82 0.00	35.36 -2.10 0.00	40.50 -2.18 0.00	43.30 -2.23 0.00	37.73 -2.07 0.00	30.34 -2.11 0.00	26.07 -1.72 0.00
STA_67___115KV_BK2 355882	28.37 -1.88 0.00	23.57 -1.67 0.00	21.77 -1.41 0.00	19.90 -1.23 0.00	22.12 -1.56 0.00	23.32 -1.54 0.00	24.40 -1.72 0.00	25.35 -1.73 0.00	25.31 -1.62 0.00	25.60 -1.69 0.00	25.98 -1.69 0.00	25.25 -1.70 0.00	25.08 -1.60 0.00	23.90 -1.55 0.00	23.77 -1.52 0.00	24.31 -1.61 0.00	26.37 -1.56 0.00	30.16 -1.82 0.00	35.36 -2.10 0.00	40.54 -2.13 0.00	43.30 -2.23 0.00	37.73 -2.07 0.00	30.34 -2.11 0.00	26.13 -1.67 0.00
STA_7___115KV_9TRANS 80674	28.52 -1.72 0.00	23.70 -1.54 0.00	21.88 -1.30 0.00	20.01 -1.12 0.00	22.24 -1.44 0.00	23.45 -1.42 0.00	24.53 -1.59 0.00	25.48 -1.60 0.00	25.47 -1.45 0.00	25.77 -1.53 0.00	26.15 -1.52 0.00	25.41 -1.54 0.00	25.27 -1.41 0.00	24.08 -1.37 0.00	23.95 -1.34 0.00	24.47 -1.45 0.00	26.59 -1.34 0.00	30.41 -1.57 0.00	35.66 -1.80 0.00	40.88 -1.79 0.00	43.66 -1.87 0.00	38.05 -1.75 0.00	30.57 -1.88 0.00	26.27 -1.53 0.00
STA_82___115KV_TB1 80780	28.37 -1.88 0.00	23.57 -1.67 0.00	21.79 -1.39 0.00	19.90 -1.23 0.00	22.12 -1.56 0.00	23.32 -1.54 0.00	24.40 -1.72 0.00	25.35 -1.73 0.00	25.31 -1.62 0.00	25.60 -1.69 0.00	25.98 -1.69 0.00	25.25 -1.70 0.00	25.11 -1.57 0.00	23.90 -1.55 0.00	23.77 -1.52 0.00	24.31 -1.61 0.00	26.40 -1.54 0.00	30.19 -1.79 0.00	35.40 -2.06 0.00	40.54 -2.13 0.00	43.34 -2.19 0.00	37.77 -2.03 0.00	30.37 -2.08 0.00	26.13 -1.67 0.00
STEEL___WIND 323596	27.71 -2.54 0.00	22.99 -2.25 0.00	21.37 -1.81 0.00	19.48 -1.65 0.00	21.57 -2.11 0.00	22.83 -2.04 0.00	23.82 -2.30 0.00	24.59 -2.49 0.00	24.58 -2.34 0.00	24.78 -2.51 0.00	25.24 -2.44 0.00	24.41 -2.53 0.00	24.30 -2.37 0.00	23.14 -2.32 0.00	23.01 -2.28 0.00	23.48 -2.44 0.00	25.31 -2.63 0.00	29.10 -2.88 0.00	34.20 -3.26 0.00	39.43 -3.24 0.00	42.02 -3.50 0.00	36.49 -3.30 0.00	29.56 -2.89 0.00	25.88 -1.92 0.00
STEPHTWN_115KV_BK_2 55603	30.61 0.36 0.00	25.77 0.53 0.00	23.76 0.58 0.00	21.59 0.46 0.00	24.13 0.45 0.00	25.34 0.47 0.00	26.51 0.39 0.00	27.46 0.38 0.00	27.25 0.32 0.00	27.62 0.33 0.00	28.00 0.33 0.00	27.30 0.35 0.00	26.97 0.29 0.00	25.76 0.31 0.00	25.57 0.28 0.00	26.21 0.29 0.00	28.24 0.31 0.00	32.33 0.35 0.00	37.84 0.37 0.00	43.06 0.38 0.00	45.94 0.41 0.00	40.08 0.28 0.00	32.87 0.42 0.00	28.24 0.44 0.00
STEBEN_REC_LFGE 323667	28.28 -1.97 0.00	23.60 -1.64 0.00	21.84 -1.34 0.00	19.90 -1.23 0.00	22.14 -1.54 0.00	23.40 -1.47 0.00	24.55 -1.57 0.00	25.48 -1.60 0.00	25.53 -1.40 0.00	25.79 -1.50 0.00	26.20 -1.47 0.00	25.30 -1.64 0.00	25.05 -1.63 0.00	23.78 -1.68 0.00	23.65 -1.64 0.00	24.11 -1.81 0.00	26.12 -1.82 0.00	30.00 -1.98 0.00	35.33 -2.14 0.00	40.62 -2.05 0.00	43.57 -1.96 0.00	37.93 -1.87 0.00	30.57 -1.88 0.00	26.32 -1.47 0.00
STILLWATER___SOLAR 323814	31.22 0.97 0.00	26.25 1.01 0.00	24.18 1.00 0.00	21.91 0.78 0.00	24.49 0.81 0.00	25.73 0.87 0.00	26.93 0.81 0.00	27.89 0.81 0.00	27.66 0.73 0.00	28.03 0.74 0.00	28.39 0.72 0.00	27.65 0.70 0.00	27.32 0.64 0.00	26.09 0.64 0.00	25.87 0.58 0.00	26.52 0.60 0.00	28.60 0.67 0.00	32.78 0.80 0.00	38.47 1.01 0.00	43.91 1.24 0.00	46.85 1.32 0.00	40.91 1.11 0.00	33.39 0.94 0.00	28.66 0.86 0.00
STONY___BROOK 24151	35.26 2.33 -2.68	30.12 2.17 -2.71	27.69 2.11 -2.40	24.44 1.94 -1.37	26.52 2.08 -0.76	28.79 2.06 -1.86	30.17 2.01 -2.03	30.98 2.00 -1.90	31.50 2.05 -2.52	31.81 2.05 -2.47	32.06 2.08 -2.32	30.60 1.94 -1.71	30.35 1.92 -1.75	29.34 1.86 -2.03	29.71 1.92 -2.50	30.34 2.00 -2.42	33.54 2.04 -3.57	37.21 2.69 -2.54	43.02 3.15 -2.41	47.77 3.37 -1.72	51.18 3.69 -1.96	44.69 3.02 -1.87	37.26 2.63 -2.18	32.03 2.14 -2.09
STURGEON_POOL_HYD 23609	31.61 1.36 0.00	26.60 1.36 0.00	24.48 1.30 0.00	22.31 1.18 0.00	24.91 1.23 0.00	26.13 1.27 0.00	27.22 1.10 0.00	28.16 1.08 0.00	28.01 1.08 0.00	28.39 1.09 0.00	28.81 1.13 0.00	28.13 1.19 0.00	27.88 1.20 0.00	26.68 1.22 0.00	26.53 1.24 0.00	27.22 1.30 0.00	29.25 1.31 0.00	33.55 1.57 0.00	39.33 1.87 0.00	44.55 1.88 0.00	47.67 2.14 0.00	41.47 1.67 0.00	34.01 1.56 0.00	29.13 1.33 0.00

ST_LAW_115_BK7_LBMP 345037	30.40 0.15 0.00	25.09 -0.15 0.00	22.90 -0.28 0.00	20.89 -0.23 0.00	23.49 -0.19 0.00	24.69 -0.17 0.00	26.12 0.00 0.00	27.11 0.03 0.00	26.93 0.00 0.00	27.29 0.00 0.00	27.67 0.00 0.00	26.92 -0.03 0.00	26.68 0.00 0.00	25.43 -0.03 0.00	25.21 -0.08 0.00	25.87 -0.05 0.00	27.93 0.00 0.00	31.92 -0.06 0.00	37.39 -0.07 0.00	42.63 -0.04 0.00	45.30 -0.23 0.00	39.88 0.08 0.00	32.52 0.07 0.00	27.74 -0.06 0.00
ST_LAW_115_BK8_LBMP 345038	30.40 0.15 0.00	25.09 -0.15 0.00	22.90 -0.28 0.00	20.89 -0.23 0.00	23.49 -0.19 0.00	24.69 -0.17 0.00	26.12 0.00 0.00	27.11 0.03 0.00	26.93 0.00 0.00	27.29 0.00 0.00	27.67 0.00 0.00	26.92 -0.03 0.00	26.68 0.00 0.00	25.43 -0.03 0.00	25.21 -0.08 0.00	25.87 -0.05 0.00	27.93 0.00 0.00	31.92 -0.06 0.00	37.39 -0.07 0.00	42.63 -0.04 0.00	45.30 -0.23 0.00	39.88 0.08 0.00	32.52 0.07 0.00	27.74 -0.06 0.00
ST_LAW_230_BK5_LBMP 345035	30.40 0.15 0.00	25.09 -0.15 0.00	22.90 -0.28 0.00	20.91 -0.21 0.00	23.52 -0.16 0.00	24.72 -0.15 0.00	26.12 0.00 0.00	27.08 0.00 0.00	26.93 0.00 0.00	27.29 0.00 0.00	27.64 -0.03 0.00	26.92 -0.03 0.00	26.68 0.00 0.00	25.41 -0.05 0.00	25.21 -0.08 0.00	25.87 -0.05 0.00	27.93 0.00 0.00	31.92 -0.06 0.00	37.35 -0.11 0.00	42.59 -0.09 0.00	45.30 -0.23 0.00	39.84 0.04 0.00	32.48 0.03 0.00	27.74 -0.06 0.00
ST_LAW_230_BK6_LBMP 345036	30.40 0.15 0.00	25.09 -0.15 0.00	22.90 -0.28 0.00	20.91 -0.21 0.00	23.52 -0.16 0.00	24.72 -0.15 0.00	26.12 0.00 0.00	27.08 0.00 0.00	26.93 0.00 0.00	27.29 0.00 0.00	27.64 -0.03 0.00	26.92 -0.03 0.00	26.68 0.00 0.00	25.41 -0.05 0.00	25.21 -0.08 0.00	25.87 -0.05 0.00	27.93 0.00 0.00	31.92 -0.06 0.00	37.35 -0.11 0.00	42.59 -0.09 0.00	45.30 -0.23 0.00	39.84 0.04 0.00	32.48 0.03 0.00	27.74 -0.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.28 1.03 0.00	26.30 1.06 0.00	24.22 1.04 0.00	22.06 0.93 0.00	24.65 0.97 0.00	25.83 0.97 0.00	26.96 0.84 0.00	27.89 0.81 0.00	27.76 0.83 0.00	28.17 0.87 0.00	28.56 0.89 0.00	27.89 0.94 0.00	27.64 0.96 0.00	26.42 0.97 0.00	26.28 0.99 0.00	26.93 1.01 0.00	28.94 1.01 0.00	33.16 1.18 0.00	38.85 1.39 0.00	44.12 1.45 0.00	47.12 1.59 0.00	41.03 1.23 0.00	33.59 1.14 0.00	28.80 1.00 0.00
SWANROAD_115KV_TB1 355699	26.92 -3.33 0.00	22.29 -2.95 0.00	20.70 -2.48 0.00	18.91 -2.22 0.00	20.91 -2.77 0.00	22.13 -2.74 0.00	23.09 -3.03 0.00	23.83 -3.25 0.00	23.89 -3.04 0.00	24.02 -3.28 0.00	24.43 -3.24 0.00	23.66 -3.29 0.00	23.58 -3.09 0.00	22.48 -2.98 0.00	22.36 -2.93 0.00	22.84 -3.08 0.00	24.69 -3.24 0.00	28.30 -3.68 0.00	33.23 -4.23 0.00	38.11 -4.57 0.00	40.75 -4.78 0.00	35.38 -4.42 0.00	28.56 -3.89 0.00	24.77 -3.03 0.00
SYNERGY___BIOGAS 323694	28.25 -2.00 0.00	23.42 -1.82 0.00	21.67 -1.51 0.00	19.84 -1.29 0.00	21.98 -1.71 0.00	23.22 -1.64 0.00	24.24 -1.88 0.00	25.16 -1.92 0.00	25.12 -1.80 0.00	25.33 -1.97 0.00	25.73 -1.94 0.00	24.93 -2.02 0.00	24.81 -1.87 0.00	23.60 -1.86 0.00	23.47 -1.82 0.00	24.00 -1.92 0.00	26.12 -1.82 0.00	29.93 -2.05 0.00	35.18 -2.29 0.00	40.50 -2.18 0.00	43.30 -2.23 0.00	37.69 -2.11 0.00	30.15 -2.30 0.00	26.05 -1.75 0.00
SYRACUSE___ENERGY_ST1 323597	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.60 -0.53 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.60 -0.86 0.00	41.73 -0.94 0.00	44.62 -0.91 0.00	38.96 -0.84 0.00	31.58 -0.88 0.00	27.02 -0.78 0.00
SYRACUSE___ENERGY_ST2 323598	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.60 -0.53 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	25.36 -0.76 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.60 -0.86 0.00	41.73 -0.94 0.00	44.62 -0.91 0.00	38.96 -0.84 0.00	31.58 -0.88 0.00	27.02 -0.78 0.00
SYRACUSE___POWER 24017	29.43 -0.82 0.00	24.63 -0.61 0.00	22.69 -0.49 0.00	20.68 -0.44 0.00	23.09 -0.59 0.00	24.27 -0.60 0.00	25.47 -0.65 0.00	26.46 -0.62 0.00	26.39 -0.54 0.00	26.75 -0.55 0.00	27.14 -0.53 0.00	26.38 -0.57 0.00	26.12 -0.56 0.00	24.90 -0.56 0.00	24.78 -0.51 0.00	25.38 -0.54 0.00	27.40 -0.53 0.00	31.37 -0.61 0.00	36.67 -0.79 0.00	41.82 -0.85 0.00	44.71 -0.82 0.00	39.04 -0.76 0.00	31.71 -0.75 0.00	27.13 -0.67 0.00
TALLMAN__138KV_BK151 55660	31.46 1.21 0.00	26.48 1.24 0.00	24.39 1.21 0.00	22.22 1.10 0.00	24.82 1.14 0.00	25.98 1.12 0.00	27.14 1.02 0.00	28.08 1.00 0.00	27.95 1.02 0.00	28.36 1.06 0.00	28.78 1.11 0.00	28.11 1.16 0.00	27.83 1.15 0.00	26.63 1.17 0.00	26.48 1.19 0.00	27.17 1.24 0.00	29.13 1.20 0.00	33.42 1.44 0.00	39.11 1.65 0.00	44.38 1.71 0.00	47.44 1.91 0.00	41.27 1.47 0.00	33.78 1.33 0.00	28.96 1.17 0.00
TEALLAVE_115KV_TB7 355573	29.34 -0.91 0.00	24.56 -0.68 0.00	22.65 -0.53 0.00	20.62 -0.51 0.00	23.04 -0.64 0.00	24.19 -0.67 0.00	25.39 -0.73 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.67 -0.63 0.00	27.06 -0.61 0.00	26.30 -0.65 0.00	26.04 -0.64 0.00	24.82 -0.64 0.00	24.71 -0.58 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.28 -0.70 0.00	36.56 -0.90 0.00	41.65 -1.02 0.00	44.53 -1.00 0.00	38.92 -0.88 0.00	31.61 -0.84 0.00	27.05 -0.75 0.00
TELGRAPH_34_KV_EAST 80808	27.62 -2.63 0.00	22.89 -2.35 0.00	21.23 -1.95 0.00	19.39 -1.73 0.00	21.48 -2.20 0.00	22.73 -2.14 0.00	23.72 -2.40 0.00	24.54 -2.55 0.00	24.56 -2.37 0.00	24.73 -2.57 0.00	25.15 -2.52 0.00	24.36 -2.59 0.00	24.25 -2.43 0.00	23.12 -2.34 0.00	22.96 -2.33 0.00	23.46 -2.46 0.00	25.45 -2.49 0.00	29.17 -2.81 0.00	34.24 -3.22 0.00	39.30 -3.37 0.00	42.07 -3.46 0.00	36.57 -3.22 0.00	29.40 -3.05 0.00	25.43 -2.36 0.00
TEMPLE___115KV_TB 2 55572	29.34 -0.91 0.00	24.58 -0.66 0.00	22.65 -0.53 0.00	20.64 -0.49 0.00	23.04 -0.64 0.00	24.22 -0.65 0.00	25.39 -0.73 0.00	26.38 -0.70 0.00	26.31 -0.62 0.00	26.69 -0.60 0.00	27.09 -0.58 0.00	26.33 -0.62 0.00	26.07 -0.61 0.00	24.85 -0.61 0.00	24.73 -0.56 0.00	25.33 -0.60 0.00	27.35 -0.59 0.00	31.31 -0.67 0.00	36.60 -0.86 0.00	41.69 -0.98 0.00	44.53 -1.00 0.00	38.92 -0.88 0.00	31.61 -0.84 0.00	27.07 -0.72 0.00
TIANA____69_KV_BK 1 55817	35.23 2.48 -2.50	30.06 2.27 -2.55	27.69 2.25 -2.26	24.48 2.07 -1.29	26.64 2.25 -0.71	28.83 2.21 -1.75	30.21 2.17 -1.92	31.01 2.14 -1.79	31.46 2.15 -2.38	31.75 2.13 -2.33	31.93 2.10 -2.16	30.53 1.97 -1.61	30.30 1.97 -1.65	29.25 1.88 -1.91	29.57 1.95 -2.33	30.18 2.00 -2.26	33.28 2.07 -3.28	37.16 2.78 -2.40	43.14 3.41 -2.27	48.10 3.80 -1.62	51.48 4.10 -1.85	44.90 3.34 -1.76	37.33 2.82 -2.05	32.14 2.39 -1.96

TILDEN___115KV_TB1 80814	29.43 -0.82 0.00	24.63 -0.61 0.00	22.69 -0.49 0.00	20.68 -0.44 0.00	23.09 -0.59 0.00	24.27 -0.60 0.00	25.47 -0.65 0.00	26.46 -0.62 0.00	26.39 -0.54 0.00	26.75 -0.55 0.00	27.14 -0.53 0.00	26.38 -0.57 0.00	26.12 -0.56 0.00	24.90 -0.56 0.00	24.78 -0.51 0.00	25.38 -0.54 0.00	27.40 -0.53 0.00	31.37 -0.61 0.00	36.67 -0.79 0.00	41.82 -0.85 0.00	44.71 -0.82 0.00	39.04 -0.76 0.00	31.71 -0.75 0.00	27.13 -0.67 0.00
TRIGEN___CC 323695	55.96 1.72 -23.98	48.51 1.74 -21.53	44.03 1.72 -19.13	33.47 1.56 -10.78	31.24 1.66 -5.90	41.36 1.67 -14.83	43.88 1.57 -16.20	43.80 1.60 -15.12	48.46 1.56 -19.97	48.47 1.61 -19.56	50.69 1.63 -21.39	42.28 1.70 -13.63	42.30 1.68 -13.94	43.82 1.65 -16.70	49.34 1.67 -22.38	49.71 1.71 -22.07	67.45 1.70 -37.82	54.14 2.05 -20.11	58.83 2.32 -19.05	58.73 2.43 -13.62	63.70 2.64 -15.53	56.71 2.15 -14.77	51.63 1.95 -17.23	48.03 1.67 -18.57
TRINITY___115KV___4 BK 55933	30.37 0.12 0.00	25.57 0.33 0.00	23.60 0.42 0.00	21.46 0.34 0.00	23.97 0.28 0.00	25.14 0.27 0.00	26.33 0.21 0.00	27.24 0.16 0.00	27.04 0.11 0.00	27.40 0.11 0.00	27.75 0.08 0.00	27.08 0.13 0.00	26.79 0.11 0.00	25.58 0.13 0.00	25.37 0.08 0.00	26.03 0.10 0.00	27.99 0.06 0.00	32.08 0.10 0.00	37.50 0.04 0.00	42.63 -0.04 0.00	45.48 -0.05 0.00	39.72 -0.08 0.00	32.55 0.10 0.00	27.99 0.19 0.00
UNION___PROCESSING_DRP 323587	28.37 -1.88 0.00	23.60 -1.64 0.00	21.79 -1.39 0.00	19.90 -1.23 0.00	22.12 -1.56 0.00	23.32 -1.54 0.00	24.42 -1.70 0.00	25.35 -1.73 0.00	25.34 -1.59 0.00	25.60 -1.69 0.00	25.98 -1.69 0.00	25.25 -1.70 0.00	25.11 -1.57 0.00	23.93 -1.53 0.00	23.77 -1.52 0.00	24.31 -1.61 0.00	26.40 -1.54 0.00	30.19 -1.79 0.00	35.40 -2.06 0.00	40.54 -2.13 0.00	43.34 -2.19 0.00	37.77 -2.03 0.00	30.37 -2.08 0.00	26.13 -1.67 0.00
UPPER HUDSON___HYD 24058	31.46 1.21 0.00	26.48 1.24 0.00	24.36 1.18 0.00	21.91 0.78 0.00	24.53 0.85 0.00	25.76 0.89 0.00	26.96 0.84 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.44 0.77 0.00	27.73 0.78 0.00	27.35 0.67 0.00	26.09 0.64 0.00	25.87 0.58 0.00	26.52 0.60 0.00	28.63 0.70 0.00	32.81 0.83 0.00	38.58 1.12 0.00	44.04 1.37 0.00	46.99 1.46 0.00	41.03 1.24 0.00	33.46 1.01 0.00	28.74 0.95 0.00
UPPER RAQUET___HYD 24056	30.34 0.09 0.00	24.89 -0.35 0.00	22.67 -0.51 0.00	20.70 -0.42 0.00	23.26 -0.43 0.00	24.44 -0.42 0.00	26.02 -0.10 0.00	26.97 -0.11 0.00	26.77 -0.16 0.00	27.07 -0.22 0.00	27.42 -0.25 0.00	26.65 -0.30 0.00	26.41 -0.27 0.00	25.15 -0.30 0.00	24.91 -0.38 0.00	25.58 -0.34 0.00	27.71 -0.22 0.00	31.66 -0.32 0.00	37.12 -0.34 0.00	42.42 -0.25 0.00	44.89 -0.64 0.00	39.80 0.00 0.00	32.39 -0.06 0.00	27.57 -0.22 0.00
VALLEY44_115KV_TB2 355964	28.19 -2.06 0.00	23.45 -1.79 0.00	21.79 -1.39 0.00	19.86 -1.27 0.00	22.00 -1.68 0.00	23.27 -1.59 0.00	24.32 -1.80 0.00	25.05 -2.03 0.00	25.04 -1.88 0.00	25.25 -2.05 0.00	25.68 -1.99 0.00	24.87 -2.07 0.00	24.71 -1.97 0.00	23.52 -1.93 0.00	23.39 -1.90 0.00	23.87 -2.05 0.00	25.67 -2.26 0.00	29.49 -2.49 0.00	34.65 -2.81 0.00	39.94 -2.73 0.00	42.75 -2.78 0.00	37.05 -2.75 0.00	29.95 -2.50 0.00	26.07 -1.72 0.00
VALLEY___115KV_TB 1-4 80826	30.28 0.03 0.00	25.34 0.10 0.00	23.30 0.12 0.00	21.23 0.11 0.00	23.78 0.09 0.00	24.96 0.10 0.00	26.23 0.10 0.00	27.19 0.11 0.00	27.04 0.11 0.00	27.40 0.11 0.00	27.78 0.11 0.00	27.06 0.11 0.00	26.73 0.05 0.00	25.48 0.03 0.00	25.29 0.00 0.00	25.92 0.00 0.00	27.93 0.00 0.00	31.98 0.00 0.00	37.50 0.04 0.00	42.80 0.13 0.00	45.71 0.18 0.00	39.96 0.16 0.00	32.55 0.10 0.00	27.91 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.19 0.94 0.00	26.22 0.98 0.00	24.15 0.97 0.00	21.99 0.87 0.00	24.61 0.92 0.00	25.78 0.92 0.00	27.01 0.89 0.00	27.98 0.89 0.00	27.90 0.97 0.00	28.22 0.93 0.00	28.72 1.05 0.00	28.00 1.05 0.00	27.64 0.96 0.00	26.37 0.92 0.00	26.25 0.96 0.00	26.85 0.93 0.00	28.94 1.01 0.00	33.10 1.12 0.00	38.88 1.42 0.00	44.38 1.71 0.00	47.44 1.91 0.00	41.43 1.63 0.00	33.69 1.23 0.00	28.80 1.00 0.00
VISCHER___FERRY HYD 24020	30.82 0.57 0.00	25.92 0.68 0.00	23.92 0.74 0.00	21.76 0.63 0.00	24.27 0.59 0.00	25.51 0.65 0.00	26.70 0.57 0.00	27.65 0.57 0.00	27.39 0.46 0.00	27.79 0.49 0.00	28.11 0.44 0.00	27.41 0.46 0.00	27.11 0.43 0.00	25.89 0.43 0.00	25.64 0.35 0.00	26.31 0.39 0.00	28.32 0.39 0.00	32.49 0.51 0.00	38.10 0.64 0.00	43.40 0.72 0.00	46.30 0.77 0.00	40.39 0.60 0.00	33.00 0.55 0.00	28.35 0.56 0.00
V_A_10_SYNC_DSASP 323832	27.62 -2.63 0.00	22.92 -2.32 0.00	21.26 -1.92 0.00	19.42 -1.71 0.00	21.50 -2.18 0.00	22.73 -2.14 0.00	23.74 -2.38 0.00	24.56 -2.52 0.00	24.58 -2.34 0.00	24.78 -2.51 0.00	25.18 -2.49 0.00	24.41 -2.53 0.00	24.33 -2.35 0.00	23.19 -2.27 0.00	23.06 -2.23 0.00	23.56 -2.36 0.00	25.45 -2.49 0.00	29.20 -2.78 0.00	34.24 -3.22 0.00	39.39 -3.28 0.00	41.93 -3.60 0.00	36.45 -3.34 0.00	29.47 -2.98 0.00	25.66 -2.14 0.00
V_CMM_10_SYNC_DSASP 323787	30.58 0.33 0.00	25.24 0.00 0.00	23.02 -0.16 0.00	21.02 -0.11 0.00	23.61 -0.07 0.00	24.81 -0.05 0.00	26.25 0.13 0.00	27.22 0.14 0.00	27.06 0.14 0.00	27.43 0.14 0.00	27.78 0.11 0.00	27.03 0.08 0.00	26.81 0.13 0.00	25.56 0.10 0.00	25.34 0.05 0.00	26.00 0.08 0.00	28.07 0.14 0.00	32.08 0.10 0.00	37.54 0.08 0.00	42.80 0.13 0.00	45.48 -0.05 0.00	40.04 0.24 0.00	32.65 0.20 0.00	27.88 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	31.13 0.88 0.00	25.69 0.45 0.00	23.44 0.26 0.00	21.40 0.27 0.00	24.01 0.33 0.00	25.24 0.37 0.00	26.67 0.55 0.00	27.68 0.60 0.00	27.52 0.59 0.00	27.89 0.60 0.00	28.25 0.58 0.00	27.43 0.49 0.00	27.21 0.53 0.00	25.92 0.46 0.00	25.67 0.38 0.00	26.33 0.41 0.00	28.46 0.53 0.00	32.49 0.51 0.00	38.06 0.60 0.00	43.48 0.81 0.00	46.26 0.73 0.00	40.71 0.92 0.00	33.16 0.71 0.00	28.27 0.47 0.00
V_D_10_SYNC_DSASP 323841	30.79 0.55 0.00	25.31 0.08 0.00	23.09 -0.09 0.00	21.08 -0.04 0.00	23.68 0.00 0.00	24.89 0.02 0.00	26.41 0.29 0.00	27.38 0.30 0.00	27.22 0.30 0.00	27.59 0.30 0.00	27.95 0.28 0.00	27.19 0.24 0.00	26.97 0.29 0.00	25.69 0.23 0.00	25.47 0.18 0.00	26.13 0.21 0.00	28.24 0.31 0.00	32.27 0.29 0.00	37.76 0.30 0.00	43.10 0.43 0.00	45.67 0.14 0.00	40.35 0.56 0.00	32.87 0.42 0.00	28.05 0.25 0.00
V_E_10_SYNC_DSASP 323830	31.31 1.06 0.00	26.32 1.08 0.00	24.20 1.02 0.00	22.08 0.95 0.00	24.70 1.02 0.00	25.98 1.12 0.00	27.30 1.18 0.00	28.27 1.19 0.00	28.17 1.24 0.00	28.33 1.04 0.00	28.86 1.19 0.00	28.03 1.08 0.00	27.53 0.85 0.00	26.20 0.74 0.00	26.10 0.81 0.00	26.75 0.83 0.00	28.99 1.06 0.00	33.23 1.25 0.00	39.26 1.80 0.00	45.15 2.47 0.00	48.49 2.96 0.00	42.27 2.47 0.00	34.07 1.62 0.00	29.08 1.28 0.00



V_F_30_NSYNC___DSASP 323816	31.24 1.00 0.00	26.27 1.04 0.00	24.20 1.02 0.00	21.93 0.80 0.00	24.51 0.83 0.00	25.76 0.89 0.00	26.96 0.84 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.42 0.75 0.00	27.70 0.75 0.00	27.37 0.69 0.00	26.12 0.66 0.00	25.90 0.61 0.00	26.54 0.62 0.00	28.63 0.70 0.00	32.81 0.83 0.00	38.55 1.09 0.00	43.95 1.28 0.00	46.89 1.36 0.00	40.95 1.15 0.00	33.42 0.97 0.00	28.71 0.92 0.00
V_F_30_SYNC_DSASP 323786	30.46 0.21 0.00	25.64 0.40 0.00	23.64 0.46 0.00	21.51 0.38 0.00	24.04 0.36 0.00	25.21 0.35 0.00	26.38 0.26 0.00	27.33 0.24 0.00	27.09 0.16 0.00	27.48 0.19 0.00	27.84 0.17 0.00	27.16 0.22 0.00	26.84 0.16 0.00	25.66 0.20 0.00	25.44 0.15 0.00	26.08 0.16 0.00	28.07 0.14 0.00	32.14 0.16 0.00	37.61 0.15 0.00	42.76 0.09 0.00	45.62 0.09 0.00	39.84 0.04 0.00	32.68 0.23 0.00	28.07 0.28 0.00
V_XM_10_SYNC_DSASP 323789	31.13 0.88 0.00	25.69 0.45 0.00	23.44 0.26 0.00	21.40 0.27 0.00	24.01 0.33 0.00	25.24 0.37 0.00	26.67 0.55 0.00	27.68 0.60 0.00	27.52 0.59 0.00	27.89 0.60 0.00	28.25 0.58 0.00	27.43 0.49 0.00	27.21 0.53 0.00	25.92 0.46 0.00	25.67 0.38 0.00	26.33 0.41 0.00	28.46 0.53 0.00	32.49 0.51 0.00	38.06 0.60 0.00	43.48 0.81 0.00	46.26 0.73 0.00	40.71 0.92 0.00	33.16 0.71 0.00	28.27 0.47 0.00
W.BABYLN_69_KV_BK1 56697	39.87 2.45 -7.17	34.17 2.27 -6.66	31.27 2.18 -5.92	26.52 1.99 -3.41	27.73 2.13 -1.92	31.59 2.14 -4.59	33.22 2.09 -5.01	33.87 2.11 -4.67	35.24 2.13 -6.19	35.51 2.16 -6.06	36.19 2.19 -6.34	33.32 2.16 -4.21	33.09 2.11 -4.31	32.66 2.09 -5.11	34.10 2.12 -6.69	34.66 2.18 -6.56	40.98 2.23 -10.81	41.02 2.81 -6.23	46.66 3.30 -5.90	50.48 3.58 -4.22	54.26 3.92 -4.81	47.55 3.18 -4.57	40.55 2.76 -5.34	35.69 2.33 -5.56
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.52 1.27 0.00	26.55 1.31 0.00	24.45 1.27 0.00	22.27 1.14 0.00	24.87 1.18 0.00	26.06 1.19 0.00	27.19 1.07 0.00	28.14 1.06 0.00	28.01 1.08 0.00	28.41 1.12 0.00	28.83 1.16 0.00	28.16 1.21 0.00	27.91 1.23 0.00	26.68 1.22 0.00	26.53 1.24 0.00	27.22 1.30 0.00	29.19 1.26 0.00	33.48 1.50 0.00	39.22 1.76 0.00	44.51 1.83 0.00	47.58 2.05 0.00	41.39 1.59 0.00	33.88 1.43 0.00	29.05 1.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.88 1.63 0.00	26.73 1.49 0.00	24.62 1.44 0.00	22.44 1.31 0.00	25.06 1.37 0.00	26.21 1.34 0.00	27.38 1.25 0.00	28.35 1.27 0.00	28.25 1.32 0.00	28.69 1.39 0.00	29.11 1.44 0.00	28.43 1.48 0.00	28.17 1.49 0.00	26.93 1.48 0.00	26.83 1.54 0.00	27.50 1.58 0.00	29.47 1.54 0.00	33.83 1.85 0.00	39.60 2.14 0.00	44.85 2.18 0.00	47.90 2.37 0.00	41.71 1.91 0.00	34.14 1.69 0.00	29.27 1.47 0.00
W50THST__13_KV_LOAD 356117	31.91 1.66 0.00	26.83 1.59 0.00	24.71 1.53 0.00	22.52 1.39 0.00	25.15 1.47 0.00	26.31 1.44 0.00	27.51 1.38 0.00	28.49 1.41 0.00	28.38 1.45 0.00	28.82 1.53 0.00	29.25 1.58 0.00	28.56 1.62 0.00	28.31 1.63 0.00	27.06 1.60 0.00	26.96 1.67 0.00	27.63 1.71 0.00	29.61 1.68 0.00	33.99 2.01 0.00	39.78 2.32 0.00	45.06 2.39 0.00	48.12 2.60 0.00	41.87 2.07 0.00	34.30 1.85 0.00	29.38 1.58 0.00
WADING RIVER_IC_1 23522	35.12 2.39 -2.49	29.97 2.19 -2.53	27.56 2.13 -2.25	24.41 2.01 -1.28	26.54 2.15 -0.71	28.72 2.11 -1.74	30.09 2.06 -1.90	30.89 2.03 -1.78	31.37 2.07 -2.36	31.66 2.05 -2.32	31.86 2.05 -2.14	30.49 1.94 -1.60	30.24 1.92 -1.64	29.21 1.86 -1.90	29.50 1.90 -2.32	30.13 1.97 -2.24	33.22 2.04 -3.25	37.05 2.69 -2.38	42.97 3.26 -2.25	47.83 3.54 -1.61	51.24 3.87 -1.84	44.73 3.18 -1.75	37.18 2.69 -2.04	31.96 2.22 -1.94
WADING RIVER_IC_2 23547	35.12 2.39 -2.49	29.97 2.19 -2.53	27.56 2.13 -2.25	24.41 2.01 -1.28	26.54 2.15 -0.71	28.72 2.11 -1.74	30.09 2.06 -1.90	30.89 2.03 -1.78	31.37 2.07 -2.36	31.66 2.05 -2.32	31.86 2.05 -2.14	30.49 1.94 -1.60	30.24 1.92 -1.64	29.21 1.86 -1.90	29.50 1.90 -2.32	30.13 1.97 -2.24	33.22 2.04 -3.25	37.05 2.69 -2.38	42.97 3.26 -2.25	47.83 3.54 -1.61	51.24 3.87 -1.84	44.73 3.18 -1.75	37.18 2.69 -2.04	31.96 2.22 -1.94
WADING RIVER_IC_3 23601	35.12 2.39 -2.49	29.97 2.19 -2.53	27.56 2.13 -2.25	24.41 2.01 -1.28	26.54 2.15 -0.71	28.72 2.11 -1.74	30.09 2.06 -1.90	30.89 2.03 -1.78	31.37 2.07 -2.36	31.66 2.05 -2.32	31.86 2.05 -2.14	30.49 1.94 -1.60	30.24 1.92 -1.64	29.21 1.86 -1.90	29.50 1.90 -2.32	30.13 1.97 -2.24	33.22 2.04 -3.25	37.05 2.69 -2.38	42.97 3.26 -2.25	47.83 3.54 -1.61	51.24 3.87 -1.84	44.73 3.18 -1.75	37.18 2.69 -2.04	31.96 2.22 -1.94
WALDENNY_12_KV_BK2 80841	27.71 -2.54 0.00	22.97 -2.27 0.00	21.33 -1.85 0.00	19.46 -1.67 0.00	21.53 -2.16 0.00	22.80 -2.06 0.00	23.80 -2.32 0.00	24.56 -2.52 0.00	24.59 -2.34 0.00	24.76 -2.54 0.00	25.21 -2.46 0.00	24.39 -2.56 0.00	24.28 -2.40 0.00	23.14 -2.32 0.00	23.01 -2.28 0.00	23.48 -2.44 0.00	25.36 -2.57 0.00	29.10 -2.88 0.00	34.16 -3.30 0.00	39.22 -3.46 0.00	41.98 -3.55 0.00	36.45 -3.34 0.00	29.43 -3.02 0.00	25.57 -2.22 0.00
WALDEN___HYDRO 24148	31.40 1.15 0.00	26.43 1.19 0.00	24.34 1.16 0.00	22.16 1.04 0.00	24.77 1.09 0.00	25.96 1.09 0.00	27.06 0.94 0.00	28.00 0.92 0.00	27.87 0.94 0.00	28.25 0.96 0.00	28.64 0.97 0.00	27.97 1.02 0.00	27.72 1.04 0.00	26.50 1.04 0.00	26.35 1.06 0.00	27.04 1.11 0.00	29.05 1.12 0.00	33.32 1.34 0.00	39.03 1.57 0.00	44.29 1.62 0.00	47.35 1.82 0.00	41.19 1.39 0.00	33.75 1.30 0.00	28.94 1.14 0.00
WARRENSBURG____ 23737	31.46 1.21 0.00	26.48 1.24 0.00	24.36 1.18 0.00	21.91 0.78 0.00	24.53 0.85 0.00	25.76 0.90 0.00	26.96 0.84 0.00	27.92 0.84 0.00	27.68 0.75 0.00	28.06 0.76 0.00	28.45 0.77 0.00	27.73 0.78 0.00	27.35 0.67 0.00	26.09 0.64 0.00	25.87 0.58 0.00	26.52 0.60 0.00	28.63 0.70 0.00	32.81 0.83 0.00	38.58 1.12 0.00	44.04 1.37 0.00	46.99 1.46 0.00	41.03 1.23 0.00	33.46 1.01 0.00	28.74 0.95 0.00
WATERSIDE___6 8 9 23538	31.64 1.39 0.00	26.68 1.44 0.00	24.57 1.39 0.00	22.39 1.27 0.00	25.01 1.33 0.00	26.13 1.27 0.00	27.30 1.18 0.00	28.30 1.22 0.00	28.19 1.27 0.00	28.66 1.36 0.00	29.05 1.38 0.00	28.40 1.46 0.00	28.12 1.44 0.00	26.91 1.45 0.00	26.78 1.49 0.00	27.45 1.53 0.00	29.44 1.51 0.00	33.70 1.73 0.00	39.44 1.99 0.00	44.68 2.01 0.00	47.67 2.14 0.00	41.55 1.75 0.00	34.04 1.59 0.00	29.24 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.28 0.03 0.00	25.34 0.10 0.00	23.30 0.12 0.00	21.23 0.11 0.00	23.78 0.09 0.00	24.96 0.10 0.00	26.20 0.08 0.00	27.16 0.08 0.00	27.01 0.08 0.00	27.38 0.08 0.00	27.75 0.08 0.00	27.03 0.08 0.00	26.71 0.03 0.00	25.48 0.03 0.00	25.29 0.00 0.00	25.92 0.00 0.00	27.93 0.00 0.00	31.98 0.00 0.00	37.50 0.04 0.00	42.76 0.09 0.00	45.71 0.18 0.00	39.92 0.12 0.00	32.55 0.10 0.00	27.88 0.08 0.00

WDELAWARE___HYD 323627	31.33 1.09 0.00	26.35 1.11 0.00	24.25 1.07 0.00	22.08 0.95 0.00	24.70 1.02 0.00	25.88 1.02 0.00	26.96 0.84 0.00	27.89 0.81 0.00	27.73 0.81 0.00	28.06 0.76 0.00	28.47 0.80 0.00	27.81 0.86 0.00	27.56 0.88 0.00	26.35 0.89 0.00	26.20 0.91 0.00	26.85 0.93 0.00	28.94 1.00 0.00	33.19 1.21 0.00	38.92 1.46 0.00	44.13 1.45 0.00	47.30 1.77 0.00	41.15 1.35 0.00	33.72 1.26 0.00	28.83 1.03 0.00
WEST BABYLON___IC 23714	39.87 2.45 -7.17	34.17 2.27 -6.66	31.27 2.18 -5.92	26.52 1.99 -3.41	27.73 2.13 -1.92	31.59 2.14 -4.59	33.22 2.09 -5.01	33.87 2.11 -4.67	35.24 2.13 -6.19	35.51 2.16 -6.06	36.19 2.19 -6.34	33.32 2.16 -4.21	33.09 2.11 -4.31	32.66 2.09 -5.11	34.10 2.12 -6.69	34.66 2.18 -6.56	40.98 2.23 -10.81	41.02 2.81 -6.23	46.66 3.30 -5.90	50.48 3.58 -4.22	54.26 3.92 -4.81	47.55 3.18 -4.57	40.55 2.76 -5.34	35.69 2.33 -5.56
WEST CANADA___HYD 24049	30.19 -0.06 0.00	25.24 0.00 0.00	23.23 0.05 0.00	21.15 0.02 0.00	23.68 0.00 0.00	24.86 0.00 0.00	26.10 -0.03 0.00	27.03 -0.05 0.00	26.87 -0.05 0.00	27.24 -0.05 0.00	27.62 -0.06 0.00	26.89 -0.05 0.00	26.60 -0.08 0.00	25.41 -0.05 0.00	25.24 -0.05 0.00	25.84 -0.08 0.00	27.85 -0.08 0.00	31.88 -0.10 0.00	37.39 -0.07 0.00	42.59 -0.09 0.00	45.44 -0.09 0.00	39.72 -0.08 0.00	32.39 -0.06 0.00	27.74 -0.06 0.00
WESTERN_NY_WIND 24143	28.19 -2.06 0.00	23.40 -1.84 0.00	21.65 -1.53 0.00	19.80 -1.33 0.00	21.95 -1.73 0.00	23.20 -1.67 0.00	24.21 -1.91 0.00	25.13 -1.95 0.00	25.07 -1.86 0.00	25.30 -1.99 0.00	25.68 -1.99 0.00	24.90 -2.05 0.00	24.76 -1.92 0.00	23.57 -1.88 0.00	23.44 -1.85 0.00	23.95 -1.97 0.00	26.09 -1.84 0.00	29.87 -2.11 0.00	35.10 -2.36 0.00	40.41 -2.26 0.00	43.25 -2.28 0.00	37.61 -2.19 0.00	30.08 -2.37 0.00	25.99 -1.81 0.00
WESTOVER___LESR 323668	29.73 -0.51 0.00	24.89 -0.35 0.00	22.97 -0.21 0.00	20.94 -0.19 0.00	23.35 -0.33 0.00	24.54 -0.32 0.00	25.70 -0.42 0.00	26.65 -0.43 0.00	26.58 -0.35 0.00	26.91 -0.38 0.00	27.31 -0.36 0.00	26.54 -0.40 0.00	26.28 -0.40 0.00	25.05 -0.41 0.00	24.94 -0.35 0.00	25.53 -0.39 0.00	27.51 -0.42 0.00	31.50 -0.48 0.00	36.97 -0.49 0.00	42.25 -0.43 0.00	45.17 -0.36 0.00	39.36 -0.44 0.00	31.93 -0.52 0.00	27.43 -0.36 0.00
WETHRSFD_WT_PWR 323626	27.68 -2.57 0.00	23.02 -2.22 0.00	21.32 -1.86 0.00	19.42 -1.71 0.00	21.57 -2.11 0.00	22.83 -2.04 0.00	23.95 -2.17 0.00	24.78 -2.30 0.00	24.80 -2.13 0.00	25.00 -2.29 0.00	25.43 -2.24 0.00	24.60 -2.34 0.00	24.44 -2.24 0.00	23.27 -2.19 0.00	23.12 -2.18 0.00	23.54 -2.38 0.00	25.42 -2.51 0.00	29.20 -2.78 0.00	34.31 -3.15 0.00	39.56 -3.11 0.00	42.30 -3.23 0.00	36.77 -3.03 0.00	29.79 -2.66 0.00	25.93 -1.86 0.00
WHAVSTOR_138KV_BK127 55557	31.43 1.18 0.00	26.45 1.21 0.00	24.36 1.18 0.00	22.20 1.08 0.00	24.80 1.11 0.00	25.96 1.09 0.00	27.11 0.99 0.00	28.06 0.97 0.00	27.92 1.00 0.00	28.36 1.06 0.00	28.75 1.08 0.00	28.08 1.13 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.11 1.17 0.00	33.39 1.41 0.00	39.07 1.61 0.00	44.38 1.71 0.00	47.40 1.87 0.00	41.27 1.47 0.00	33.78 1.33 0.00	28.96 1.17 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.43 1.18 0.00	26.45 1.21 0.00	24.36 1.18 0.00	22.20 1.08 0.00	24.80 1.11 0.00	25.96 1.09 0.00	27.11 0.99 0.00	28.06 0.97 0.00	27.92 1.00 0.00	28.36 1.06 0.00	28.75 1.08 0.00	28.08 1.13 0.00	27.83 1.15 0.00	26.60 1.15 0.00	26.48 1.19 0.00	27.14 1.22 0.00	29.11 1.17 0.00	33.39 1.41 0.00	39.07 1.61 0.00	44.38 1.71 0.00	47.40 1.87 0.00	41.27 1.47 0.00	33.78 1.33 0.00	28.96 1.17 0.00
WHITEHAL_115KV_TB1 80871	32.03 1.78 0.00	26.98 1.74 0.00	24.78 1.60 0.00	22.29 1.16 0.00	24.98 1.30 0.00	26.28 1.42 0.00	27.48 1.36 0.00	28.44 1.35 0.00	28.19 1.27 0.00	28.55 1.26 0.00	28.92 1.25 0.00	28.13 1.19 0.00	27.72 1.04 0.00	26.42 0.97 0.00	26.20 0.91 0.00	26.85 0.93 0.00	29.08 1.15 0.00	33.39 1.41 0.00	39.33 1.87 0.00	44.98 2.30 0.00	48.03 2.50 0.00	41.91 2.11 0.00	34.17 1.72 0.00	29.35 1.56 0.00
WHITEPLN_13_KV_LOAD 356215	31.85 1.60 0.00	26.80 1.56 0.00	24.66 1.48 0.00	22.46 1.33 0.00	25.10 1.42 0.00	26.28 1.42 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.27 1.35 0.00	28.71 1.42 0.00	29.14 1.47 0.00	28.46 1.51 0.00	28.20 1.52 0.00	26.98 1.53 0.00	26.86 1.57 0.00	27.50 1.58 0.00	29.52 1.59 0.00	33.87 1.89 0.00	39.60 2.14 0.00	44.93 2.26 0.00	47.99 2.46 0.00	41.75 1.95 0.00	34.20 1.75 0.00	29.30 1.50 0.00
WM_FLOYD_69_KV_BK2 356380	35.22 2.39 -2.58	30.05 2.20 -2.62	27.68 2.18 -2.32	24.45 2.01 -1.32	26.57 2.16 -0.73	28.78 2.11 -1.80	30.15 2.06 -1.97	30.95 2.03 -1.83	31.41 2.05 -2.44	31.70 2.02 -2.39	31.94 2.05 -2.23	30.54 1.94 -1.65	30.29 1.92 -1.69	29.28 1.86 -1.96	29.62 1.92 -2.40	30.22 1.97 -2.33	33.35 2.01 -3.40	37.16 2.72 -2.46	43.05 3.26 -2.33	47.92 3.58 -1.67	51.30 3.87 -1.90	44.79 3.18 -1.81	37.28 2.73 -2.11	32.09 2.28 -2.02
WOODARD___115KV_TB2 355635	29.31 -0.94 0.00	24.53 -0.71 0.00	22.60 -0.58 0.00	20.58 -0.55 0.00	23.00 -0.69 0.00	24.17 -0.70 0.00	25.34 -0.78 0.00	26.35 -0.73 0.00	26.25 -0.67 0.00	26.64 -0.66 0.00	27.03 -0.64 0.00	26.27 -0.67 0.00	26.01 -0.67 0.00	24.80 -0.66 0.00	24.68 -0.61 0.00	25.27 -0.65 0.00	27.29 -0.64 0.00	31.24 -0.74 0.00	36.52 -0.94 0.00	41.65 -1.02 0.00	44.48 -1.05 0.00	38.88 -0.92 0.00	31.54 -0.91 0.00	27.02 -0.78 0.00
WOODMERE_69_KV_BK1 55827	80.44 2.03 -48.16	70.04 1.99 -42.81	63.20 1.97 -38.05	44.04 1.80 -21.12	36.94 1.92 -11.34	56.28 1.91 -29.50	60.16 1.83 -32.21	59.01 1.87 -30.06	68.41 1.80 -39.68	68.01 1.86 -38.86	72.61 1.88 -43.06	56.03 1.97 -27.11	56.34 1.95 -27.71	60.68 1.91 -33.31	72.17 1.92 -44.96	72.30 1.97 -44.40	106.83 1.98 -76.91	74.31 2.37 -39.96	78.03 2.73 -37.84	72.68 2.94 -27.06	79.51 3.14 -30.84	71.75 2.63 -29.33	68.99 2.30 -34.23	67.00 1.95 -37.26
YORK___WARBASSE 23770	31.80 1.54 -0.01	26.83 1.59 0.00	24.69 1.51 0.00	22.50 1.37 0.00	25.13 1.44 0.00	26.23 1.37 0.00	27.40 1.28 0.00	28.41 1.33 0.00	28.30 1.37 0.00	28.77 1.47 0.00	29.16 1.49 0.00	28.51 1.56 0.00	28.25 1.57 0.00	27.04 1.58 0.00	26.93 1.62 -0.02	27.57 1.63 -0.02	29.57 1.62 -0.02	33.82 1.82 -0.02	39.58 2.10 -0.02	44.87 2.18 -0.02	47.87 2.32 -0.02	41.77 1.95 -0.02	34.22 1.75 -0.02	29.41 1.61 0.00