

ALBANY__2 23572	41.53 0.49 0.00	39.44 0.47 0.00	38.05 0.45 0.00	37.70 0.37 0.00	39.97 0.24 0.00	43.41 0.39 0.00	61.11 0.90 0.00	76.08 0.90 0.00	64.18 0.69 -1.07	46.03 0.41 -0.62	38.26 0.19 -0.60	35.01 0.28 0.00	33.91 0.43 -0.17	31.26 0.36 -0.93	30.50 0.35 -0.78	29.33 0.12 -5.28	38.12 0.56 0.00	46.74 0.60 0.00	52.47 0.47 0.00	64.36 0.95 0.00	53.97 0.48 0.00	46.81 0.51 0.00	40.55 0.64 0.00	36.15 0.67 0.00
ALBANY__3 23573	41.53 0.49 0.00	39.44 0.47 0.00	38.05 0.45 0.00	37.70 0.37 0.00	39.97 0.24 0.00	43.41 0.39 0.00	61.11 0.90 0.00	76.08 0.90 0.00	64.18 0.69 -1.07	46.03 0.41 -0.62	38.26 0.19 -0.60	35.01 0.28 0.00	33.91 0.43 -0.17	31.26 0.36 -0.93	30.50 0.35 -0.78	29.33 0.12 -5.28	38.12 0.56 0.00	46.74 0.60 0.00	52.47 0.47 0.00	64.36 0.95 0.00	53.97 0.48 0.00	46.81 0.51 0.00	40.55 0.64 0.00	36.15 0.67 0.00
ALBANY__4 23574	41.53 0.49 0.00	39.44 0.47 0.00	38.05 0.45 0.00	37.70 0.37 0.00	39.97 0.24 0.00	43.41 0.39 0.00	61.11 0.90 0.00	76.08 0.90 0.00	64.18 0.69 -1.07	46.03 0.41 -0.62	38.26 0.19 -0.60	35.01 0.28 0.00	33.91 0.43 -0.17	31.26 0.36 -0.93	30.50 0.35 -0.78	29.33 0.12 -5.28	38.12 0.56 0.00	46.74 0.60 0.00	52.47 0.47 0.00	64.36 0.95 0.00	53.97 0.48 0.00	46.81 0.51 0.00	40.55 0.64 0.00	36.15 0.67 0.00
ALBANY__LFGE 323615	41.81 0.78 0.00	39.71 0.74 0.00	38.19 0.60 0.00	37.96 0.63 0.00	40.29 0.56 0.00	43.67 0.65 0.00	61.59 1.39 0.00	76.76 1.58 0.00	64.68 1.25 -1.00	46.35 0.76 -0.58	38.52 0.49 -0.56	35.29 0.55 0.00	34.14 0.67 -0.16	31.41 0.57 -0.87	30.62 0.53 -0.73	29.16 0.29 -4.94	38.38 0.83 0.00	47.06 0.92 0.00	52.94 0.94 0.00	64.87 1.46 0.00	54.50 1.01 0.00	47.14 0.83 0.00	40.83 0.92 0.00	36.33 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	40.87 -0.16 0.00	38.74 -0.23 0.00	37.48 -0.11 0.00	37.29 -0.04 0.00	39.93 0.20 0.00	43.33 0.30 0.00	60.08 -0.12 0.00	75.02 -0.15 0.00	67.95 0.31 -5.21	45.36 0.36 0.00	37.77 0.30 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.06 0.09 0.00	29.51 0.15 0.00	24.03 0.10 0.00	37.85 0.30 0.00	46.55 0.41 0.00	52.16 0.16 0.00	63.22 -0.19 0.00	53.43 -0.05 0.00	47.09 0.79 0.00	40.47 0.56 0.00	35.83 0.35 0.00
ALCOA_RYNLDS__DRP 24188	40.87 -0.16 0.00	38.74 -0.23 0.00	37.48 -0.11 0.00	37.29 -0.04 0.00	39.93 0.20 0.00	43.32 0.30 0.00	60.26 0.06 0.00	75.25 0.08 0.00	67.95 0.31 -5.21	45.36 0.36 0.00	37.77 0.30 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.06 0.09 0.00	29.51 0.15 0.00	24.03 0.10 0.00	37.86 0.30 0.00	46.55 0.42 0.00	52.47 0.47 0.00	63.22 -0.19 0.00	53.81 0.32 0.00	47.09 0.79 0.00	40.47 0.56 0.00	35.83 0.35 0.00
ALCOA__DSASP 323711	40.87 -0.16 0.00	38.74 -0.23 0.00	37.48 -0.11 0.00	37.29 -0.04 0.00	39.93 0.20 0.00	43.32 0.30 0.00	60.26 0.06 0.00	75.25 0.08 0.00	67.95 0.31 -5.21	45.36 0.36 0.00	37.77 0.30 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.06 0.09 0.00	29.51 0.15 0.00	24.03 0.10 0.00	37.86 0.30 0.00	46.55 0.42 0.00	52.47 0.47 0.00	63.22 -0.19 0.00	53.81 0.32 0.00	47.09 0.79 0.00	40.47 0.56 0.00	35.83 0.35 0.00
ALLEGHENY__COGEN 23514	41.98 0.94 0.00	39.91 0.93 0.00	38.95 1.35 0.00	38.37 1.04 0.00	41.04 1.31 0.00	43.93 0.90 0.00	61.23 1.02 0.00	76.90 1.73 0.00	62.58 0.69 0.53	44.82 0.00 0.19	37.25 -0.22 0.00	34.07 -0.66 0.00	32.38 -0.93 0.00	29.13 -0.84 0.00	28.51 -0.85 0.00	21.18 0.00 2.75	36.43 -1.13 0.00	60.69 -1.20 -15.75	51.38 -0.62 0.00	71.45 -0.63 -8.67	53.43 -0.16 -0.11	59.43 -0.51 -13.64	39.23 -0.68 0.00	35.02 -0.46 0.00
ALTMONT_115KV_TB 2 55880	41.78 0.74 0.00	39.68 0.70 0.00	38.27 0.68 0.00	37.93 0.60 0.00	40.25 0.52 0.00	43.71 0.69 0.00	61.35 1.14 0.00	76.38 1.20 0.00	64.22 0.87 -0.92	46.12 0.59 -0.54	38.40 0.41 -0.52	35.18 0.45 0.00	33.96 0.50 -0.15	31.19 0.42 -0.80	30.47 0.44 -0.67	28.68 0.22 -4.54	38.19 0.64 0.00	46.92 0.78 0.00	52.73 0.73 0.00	64.55 1.14 0.00	54.24 0.75 0.00	47.04 0.74 0.00	40.63 0.72 0.00	36.15 0.67 0.00
ALTONA_WT_PWR 323606	40.17 -0.86 0.00	38.12 -0.86 0.00	36.95 -0.64 0.00	36.88 -0.45 0.00	39.57 -0.16 0.00	43.11 0.09 0.00	60.02 -0.18 0.00	75.17 0.00 0.00	62.73 0.44 0.13	45.55 0.54 0.00	37.96 0.49 0.00	35.15 0.42 0.00	33.68 0.37 0.00	30.24 0.27 0.00	29.65 0.29 0.00	24.15 0.21 0.00	38.01 0.45 0.00	46.73 0.60 0.00	52.37 0.37 0.00	63.47 0.06 0.00	53.59 0.11 0.00	47.00 0.70 0.00	40.39 0.48 0.00	35.76 0.28 0.00
AMERICAN_REF_FUEL 24010	37.79 -3.24 0.00	36.01 -2.96 0.00	35.34 -2.25 0.00	34.57 -2.76 0.00	36.75 -2.98 0.00	38.55 -4.48 0.00	52.20 -8.01 0.00	66.08 -9.10 0.00	54.51 -7.43 0.49	39.84 -5.00 0.17	33.57 -3.90 0.00	30.81 -3.92 0.00	29.48 -3.83 0.00	26.58 -3.39 0.00	25.93 -3.44 0.00	19.71 -1.70 2.52	32.45 -5.11 0.00	36.07 -6.74 3.33	44.66 -7.33 0.01	51.33 -9.19 2.89	45.97 -7.49 0.03	35.25 -6.57 4.48	34.36 -5.55 0.00	31.08 -4.40 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	39.27 -1.76 0.00	37.41 -1.56 0.00	36.58 -1.01 0.00	35.87 -1.46 0.00	38.14 -1.59 0.00	40.10 -2.93 0.00	55.39 -4.82 0.00	69.76 -5.41 0.00	56.88 -5.00 0.55	41.62 -3.19 0.19	35.00 -2.47 0.00	32.13 -2.61 0.00	30.71 -2.60 0.00	27.72 -2.25 0.00	26.98 -2.38 0.00	20.21 -0.91 2.81	33.88 -3.68 0.00	37.43 -4.84 3.86	46.69 -5.30 0.01	53.65 -6.78 2.98	47.62 -5.83 0.04	36.16 -5.51 4.63	35.20 -4.71 0.00	31.72 -3.76 0.00
ARTHUR KILL_GT_1 23520	30.48 2.79 13.35	30.44 2.46 10.99	30.49 2.26 9.36	30.45 2.13 9.01	30.46 2.15 11.42	30.56 2.71 15.18	47.31 4.21 17.10	55.08 4.81 24.91	36.42 3.43 18.16	29.77 2.93 10.39	29.52 2.44 9.78	27.18 2.22 9.36	26.01 2.07 6.48	25.32 1.83 6.15	25.03 1.82 -1.48	26.56 1.15 10.41	29.73 2.59 19.73	29.91 3.51 19.73	45.31 3.28 9.97	53.79 4.31 13.93	46.91 3.53 10.10	46.26 3.38 3.42	30.59 2.99 12.32	31.35 2.41 6.54
ARTHUR_KILL_2 23512	30.39 2.71 13.35	30.36 2.38 10.99	30.30 2.07 9.36	30.33 2.01 9.01	30.33 2.03 11.42	30.34 2.49 15.18	47.13 4.03 17.10	54.63 4.36 24.91	36.10 3.12 18.16	29.64 2.79 10.39	29.41 2.32 9.78	27.07 2.12 9.36	25.94 2.00 6.48	25.26 1.77 6.15	25.00 1.79 -1.48	26.51 1.10 10.41	29.62 2.48 19.73	29.82 3.41 19.73	45.16 3.12 9.97	53.60 4.12 13.93	46.91 3.53 10.10	46.12 3.24 3.42	30.47 2.88 12.32	31.32 2.38 6.54
ARTHUR_KILL_3 23513	29.73 2.05 13.36	29.73 1.76 11.00	29.73 1.51 9.37	29.77 1.45 9.02	29.73 1.43 11.43	29.73 1.89 15.18	46.59 3.49 17.10	54.25 3.98 24.91	36.29 3.31 18.16	29.73 2.88 10.39	29.56 2.47 9.78	27.25 2.29 9.36	26.11 2.16 6.48	25.41 1.92 6.15	25.12 1.91 -1.48	26.61 1.20 10.41	29.73 2.59 19.73	29.77 3.37 9.97	45.10 3.07 9.97	53.41 3.93 13.93	46.81 3.43 10.10	45.70 2.82 3.43	30.02 2.43 12.33	30.81 1.88 6.55

ARTHUR_KILL_COGEN 323718	30.52 2.83 13.35	30.44 2.46 10.99	30.41 2.18 9.36	30.41 2.09 9.01	30.45 2.14 11.42	30.47 2.62 15.18	47.31 4.21 17.10	54.85 4.59 24.91	36.29 3.31 29.44	29.77 2.92 18.16	29.52 2.43 10.39	27.18 2.22 9.78	26.01 2.07 9.36	25.32 1.83 6.48	25.06 1.85 6.15	26.56 1.15 -1.48	29.73 2.59 10.41	29.96 3.55 19.73	45.31 3.28 9.97	53.79 4.31 13.93	47.13 3.74 10.10	46.26 3.38 3.42	30.59 2.99 12.32	31.39 2.45 6.54
ASHOKAN____ 23654	42.80 1.76 0.00	40.54 1.56 0.00	38.99 1.39 0.00	38.79 1.45 0.00	41.12 1.39 0.00	44.83 1.81 0.00	63.63 3.43 0.00	78.26 3.08 0.00	67.45 3.81 -1.21	47.91 2.20 -0.71	38.45 0.30 -0.68	34.91 0.17 0.00	33.80 0.30 -0.19	31.23 0.21 -1.05	30.54 0.29 -0.89	30.50 0.84 -5.73	38.31 0.75 0.00	47.79 1.66 0.00	53.56 1.56 0.00	65.88 2.47 0.00	55.41 1.92 0.00	47.88 1.58 0.00	41.35 1.43 0.00	36.72 1.24 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.46 2.42 -0.01	41.16 2.18 -0.01	39.56 1.95 -0.01	39.24 1.90 -0.01	41.61 1.87 -0.01	45.35 2.32 -0.01	63.82 3.61 0.00	79.23 4.06 0.00	69.51 3.18 -3.90	50.33 3.06 -2.27	42.22 2.58 -2.16	37.13 2.39 0.00	36.15 2.23 -0.61	35.30 1.98 -3.35	34.18 2.00 -2.82	44.29 1.24 -19.12	40.25 2.71 0.01	49.69 3.55 -0.01	55.17 3.17 0.01	67.46 4.06 0.01	57.01 3.53 0.01	49.65 3.34 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	43.46 2.42 -0.01	41.16 2.18 -0.01	39.56 1.95 -0.01	39.24 1.90 -0.01	41.61 1.87 -0.01	45.35 2.32 -0.01	63.82 3.61 0.00	79.23 4.06 0.00	69.51 3.18 -3.90	50.33 3.06 -2.27	42.22 2.58 -2.16	37.13 2.39 0.00	36.15 2.23 -0.61	35.30 1.98 -3.35	34.18 2.00 -2.82	44.29 1.24 -19.12	40.25 2.71 0.01	49.69 3.55 -0.01	55.17 3.17 0.01	67.46 4.06 0.01	57.01 3.53 0.01	49.65 3.34 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
ASTORIA_GT2_1 24094	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT2_2 24095	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT2_3 24096	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT2_4 24097	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT3_1 24098	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT3_2 24099	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT3_3 24100	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT3_4 24101	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT4_1 24102	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT4_2 24103	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT4_3 24104	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01

ASTORIA_GT4_4 24105	43.47 2.42 -0.01	41.17 2.18 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	63.88 3.67 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.34 3.06 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.18 3.17 0.00	67.47 4.06 0.00	56.86 3.37 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
ASTORIA_GT_1 23523	43.55 2.50 -0.01	41.24 2.26 -0.01	39.71 2.11 -0.01	39.32 1.98 -0.01	41.69 1.95 -0.01	45.53 2.50 -0.01	64.00 3.79 0.00	79.68 4.51 0.00	69.83 3.50 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.74 3.60 -0.01	55.28 3.28 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.69 3.38 -0.01	42.79 2.87 -0.01	37.76 2.27 -0.01
ASTORIA_GT_10 24110	43.55 2.50 -0.01	41.20 2.22 -0.01	39.67 2.07 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	64.06 3.85 0.00	79.83 4.66 0.00	69.96 3.62 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.74 3.60 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.02 3.53 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
ASTORIA_GT_11 24225	43.55 2.50 -0.01	41.20 2.22 -0.01	39.67 2.07 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	64.06 3.85 0.00	79.83 4.66 0.00	69.96 3.62 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.74 3.60 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.02 3.53 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
ASTORIA_GT_12 24226	43.55 2.50 -0.01	41.20 2.22 -0.01	39.67 2.07 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	64.06 3.85 0.00	79.83 4.66 0.00	69.96 3.62 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.74 3.60 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.02 3.53 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
ASTORIA_GT_13 24227	43.55 2.50 -0.01	41.20 2.22 -0.01	39.67 2.07 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	64.06 3.85 0.00	79.83 4.66 0.00	69.96 3.62 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.74 3.60 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.02 3.53 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
ASTORIA_GT_5 24106	43.55 2.50 -0.01	41.24 2.26 -0.01	39.71 2.11 -0.01	39.32 1.98 -0.01	41.69 1.95 -0.01	45.53 2.50 -0.01	64.00 3.79 0.00	79.68 4.51 0.00	69.83 3.50 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.74 3.60 -0.01	55.28 3.28 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.69 3.38 -0.01	42.79 2.87 -0.01	37.76 2.27 -0.01
ASTORIA_GT_7 24107	43.55 2.50 -0.01	41.24 2.26 -0.01	39.71 2.11 -0.01	39.32 1.98 -0.01	41.69 1.95 -0.01	45.53 2.50 -0.01	64.00 3.79 0.00	79.68 4.51 0.00	69.83 3.50 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.74 3.60 -0.01	55.28 3.28 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.69 3.38 -0.01	42.79 2.87 -0.01	37.76 2.27 -0.01
ASTORIA_GT_8 24108	43.55 2.50 -0.01	41.24 2.26 -0.01	39.71 2.11 -0.01	39.32 1.98 -0.01	41.69 1.95 -0.01	45.53 2.50 -0.01	64.00 3.79 0.00	79.68 4.51 0.00	69.83 3.50 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.74 3.60 -0.01	55.28 3.28 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.69 3.38 -0.01	42.79 2.87 -0.01	37.76 2.27 -0.01
ASTORIA___2 24149	43.46 2.42 -0.01	41.16 2.18 -0.01	39.56 1.95 -0.01	39.24 1.90 -0.01	41.61 1.87 -0.01	45.40 2.36 -0.01	63.88 3.67 0.00	79.23 4.06 0.00	69.57 3.24 -3.90	50.33 3.06 -2.27	42.26 2.62 -2.16	37.16 2.43 0.00	36.18 2.27 -0.61	35.33 2.01 -3.35	34.18 2.00 -2.82	44.32 1.27 -19.12	40.29 2.74 0.01	49.74 3.60 -0.01	55.17 3.17 0.01	67.46 4.06 0.01	57.06 3.58 0.01	49.65 3.34 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
ASTORIA___3 23516	43.55 2.50 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.20 1.87 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	64.06 3.86 0.00	79.53 4.36 0.00	69.83 3.49 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.05 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.84 3.69 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.17 3.69 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
ASTORIA___4 23517	43.55 2.50 -0.01	41.20 2.22 -0.01	39.67 2.07 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	64.06 3.85 0.00	79.83 4.66 0.00	69.96 3.62 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.74 3.60 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.02 3.53 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
ASTORIA___5 23518	43.55 2.50 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.20 1.87 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	64.06 3.86 0.00	79.61 4.43 0.00	69.83 3.49 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.05 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.84 3.69 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.17 3.69 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
AST_ENERGY_2_CC3 323677	43.17 2.13 0.00	40.81 1.83 0.00	39.17 1.58 0.00	38.86 1.53 0.00	41.24 1.51 0.00	45.00 1.98 0.00	63.76 3.55 0.00	79.23 4.06 0.00	69.63 3.31 -3.90	50.14 2.88 -2.26	42.06 2.43 -2.15	36.98 2.26 0.01	36.04 2.13 -0.60	35.25 1.92 -3.36	34.10 1.91 -2.83	44.24 1.20 -19.12	40.13 2.59 0.02	49.50 3.37 0.00	55.06 3.07 0.02	67.39 4.00 0.02	56.90 3.43 0.02	49.17 2.87 0.00	42.39 2.48 0.00	37.43 1.95 0.00
AST_ENERGY_2_CC4 323678	43.17 2.13 0.00	40.81 1.83 0.00	39.17 1.58 0.00	38.86 1.53 0.00	41.24 1.51 0.00	45.00 1.98 0.00	63.76 3.55 0.00	79.23 4.06 0.00	69.63 3.31 -3.90	50.14 2.88 -2.26	42.06 2.43 -2.15	36.98 2.26 0.01	36.04 2.13 -0.60	35.25 1.92 -3.36	34.10 1.91 -2.83	44.24 1.20 -19.12	40.13 2.59 0.02	49.50 3.37 0.00	55.06 3.07 0.02	67.39 4.00 0.02	56.90 3.43 0.02	49.17 2.87 0.00	42.39 2.48 0.00	37.43 1.95 0.00

ATHENS_STG_1 23668	42.10 1.07 0.00	39.95 0.97 0.00	38.38 0.79 0.00	38.12 0.79 0.00	40.49 0.75 0.00	43.88 0.86 0.00	61.71 1.51 0.00	76.68 1.50 0.00	64.98 1.18 -1.37	46.79 0.99 -0.80	39.06 0.82 -0.77	35.60 0.87 0.00	34.39 0.86 -0.22	31.91 0.75 -1.19	31.13 0.76 -1.00	31.11 0.41 -6.77	38.57 1.01 0.00	47.38 1.25 0.00	53.15 1.14 0.00	65.00 1.59 0.00	54.82 1.34 0.00	47.37 1.07 0.00	40.95 1.04 0.00	36.40 0.92 0.00
ATHENS_STG_2 23670	42.10 1.07 0.00	39.95 0.97 0.00	38.38 0.79 0.00	38.12 0.79 0.00	40.49 0.75 0.00	43.88 0.86 0.00	61.71 1.51 0.00	76.68 1.50 0.00	64.98 1.18 -1.37	46.79 0.99 -0.80	39.06 0.82 -0.77	35.60 0.87 0.00	34.39 0.86 -0.22	31.91 0.75 -1.19	31.13 0.76 -1.00	31.11 0.41 -6.77	38.57 1.01 0.00	47.38 1.25 0.00	53.15 1.14 0.00	65.00 1.59 0.00	54.82 1.34 0.00	47.37 1.07 0.00	40.95 1.04 0.00	36.40 0.92 0.00
ATHENS_STG_3 23677	42.10 1.07 0.00	39.95 0.97 0.00	38.38 0.79 0.00	38.12 0.79 0.00	40.49 0.75 0.00	43.88 0.86 0.00	61.71 1.51 0.00	76.68 1.50 0.00	64.98 1.18 -1.37	46.79 0.99 -0.80	39.06 0.82 -0.77	35.60 0.87 0.00	34.39 0.86 -0.22	31.91 0.75 -1.19	31.13 0.76 -1.00	31.11 0.41 -6.77	38.57 1.01 0.00	47.38 1.25 0.00	53.15 1.14 0.00	65.00 1.59 0.00	54.82 1.34 0.00	47.37 1.07 0.00	40.95 1.04 0.00	36.40 0.92 0.00
AUBURN___LFGE 323710	41.28 0.25 0.00	39.21 0.23 0.00	37.78 0.19 0.00	37.55 0.22 0.00	40.05 0.32 0.00	43.15 0.13 0.00	60.51 0.30 0.00	75.85 0.68 0.00	62.52 0.50 0.40	45.18 0.32 0.14	37.73 0.26 0.00	34.84 0.10 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.36 0.00 0.00	24.12 0.19 0.00	37.56 0.00 0.00	46.88 0.00 -0.75	52.11 0.10 0.00	63.95 0.13 -0.41	53.71 0.21 0.00	46.95 0.00 -0.65	39.83 -0.08 0.00	35.41 -0.07 0.00
BABYLON_RES_REC 323704	44.29 3.24 -0.01	41.90 2.92 0.00	40.23 2.63 -0.01	39.94 2.61 0.00	42.40 2.66 0.00	46.26 3.23 -0.01	65.49 4.94 -0.35	80.13 4.06 -0.90	70.08 3.24 -4.41	50.96 3.69 -2.27	42.90 3.26 -2.17	37.83 3.09 -0.01	36.73 2.80 -0.62	35.82 2.49 -3.37	34.72 2.53 -2.83	44.66 1.63 -19.10	41.01 3.38 -0.07	49.85 3.60 -0.11	56.38 4.00 -0.37	69.57 5.26 -0.90	58.40 4.44 -0.48	50.13 3.71 -0.12	43.38 3.39 -0.07	38.33 2.84 -0.01
BALL_HILL_WT_PWR 323825	38.90 -2.14 0.00	37.07 -1.91 0.00	36.28 -1.32 0.00	35.54 -1.79 0.00	37.83 -1.91 0.00	39.75 -3.27 0.00	54.61 -5.60 0.00	68.94 -6.24 0.00	56.40 -5.49 0.53	41.22 -3.60 0.19	34.66 -2.81 0.00	31.81 -2.92 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.75 -2.61 0.00	20.04 -1.15 2.74	33.54 -4.02 0.00	36.77 -5.26 4.11	46.27 -5.72 0.01	53.18 -7.10 3.12	47.57 -5.88 0.04	36.02 -5.42 4.87	35.32 -4.59 0.00	31.86 -3.62 0.00
BARON_WINDS___WT_PWR 323822	40.01 -1.02 0.00	38.12 -0.86 0.00	37.07 -0.53 0.00	36.58 -0.75 0.00	38.98 -0.76 0.00	41.52 -1.51 0.00	57.62 -2.59 0.00	72.39 -2.78 0.00	58.93 -2.81 0.69	42.72 -1.89 0.40	35.55 -1.54 0.38	33.10 -1.63 0.00	31.43 -1.77 0.11	27.78 -1.59 0.60	27.21 -1.64 0.50	19.67 -0.74 3.52	35.11 -2.44 0.00	33.25 -3.27 9.61	48.57 -3.43 0.00	53.30 -4.31 5.80	49.75 -3.58 0.16	33.92 -3.33 9.04	36.96 -2.95 0.00	33.10 -2.38 0.00
BARRETT_IC_1 23704	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_10 23701	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_11 23702	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_12 23703	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_2 23705	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_3 23706	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_4 23707	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_5 23708	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01

BARRETT_IC_6 23709	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_7 23710	43.88 2.83 -0.01	41.55 2.57 0.00	40.08 2.48 -0.01	39.68 2.35 0.00	42.08 2.34 0.00	45.74 2.71 -0.01	64.30 4.09 0.00	78.93 3.76 0.00	69.08 2.75 -3.91	50.42 3.15 -2.27	42.49 2.85 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.33 3.18 -0.01	55.45 3.43 -0.01	67.98 4.57 -0.01	57.13 3.64 -0.01	49.51 3.19 -0.01	42.90 2.91 -0.07	38.01 2.52 -0.01
BARRETT_IC_8 23711	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT_IC_9 23700	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT__1 23545	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BARRETT__2 23546	43.87 2.83 -0.01	41.55 2.57 0.00	39.90 2.29 -0.01	39.68 2.35 0.00	41.96 2.22 0.00	45.61 2.58 -0.01	64.36 4.15 0.00	78.78 3.61 0.00	69.20 2.87 -3.91	50.42 3.15 -2.27	42.56 2.92 -2.17	37.59 2.85 -0.01	36.57 2.63 -0.62	35.64 2.31 -3.37	34.51 2.32 -2.83	44.47 1.44 -19.10	40.48 2.85 -0.07	49.28 3.14 -0.01	55.50 3.48 -0.01	68.05 4.63 -0.01	57.35 3.85 -0.01	49.46 3.15 -0.01	42.94 2.95 -0.07	38.04 2.56 -0.01
BATAVIA__115KV_TB1 55881	39.60 -1.44 0.00	37.69 -1.29 0.00	36.39 -1.20 0.00	36.17 -1.16 0.00	38.66 -1.07 0.00	40.27 -2.75 0.00	55.39 -4.82 0.00	69.99 -5.19 0.00	58.17 -3.81 0.45	42.33 -2.52 0.16	35.64 -1.84 0.00	32.61 -2.12 0.00	31.14 -2.17 0.00	28.08 -1.89 0.00	27.31 -2.06 0.00	20.98 -0.65 2.31	34.55 -3.00 0.00	40.31 -3.97 1.86	47.89 -4.11 0.01	56.12 -5.26 2.02	49.46 -4.01 0.02	39.29 -3.89 3.13	36.68 -3.23 0.00	32.92 -2.55 0.00
BAYONEEC__CTG1 323682	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC__CTG10 323750	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC__CTG2 323683	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC__CTG3 323684	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC__CTG4 323685	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC__CTG5 323686	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC__CTG6 323687	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC__CTG7 323688	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00

BAYONEEC___CTG8 323689	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BAYONEEC___CTG9 323749	43.25 2.21 0.00	40.88 1.91 0.00	39.25 1.65 0.00	38.93 1.60 0.00	41.32 1.59 0.00	45.09 2.07 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.83 3.49 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.22 2.67 0.00	49.61 3.46 -0.01	55.18 3.17 0.00	67.53 4.12 0.00	57.02 3.53 0.00	49.27 2.97 0.00	42.50 2.59 0.00	37.50 2.02 0.00
BEACON___LESR 323632	42.06 1.03 0.00	39.95 0.97 0.00	38.42 0.83 0.00	38.19 0.86 0.00	40.53 0.79 0.00	43.97 0.95 0.00	62.13 1.93 0.00	77.36 2.18 0.00	65.22 1.69 -1.11	46.69 1.04 -0.65	38.73 0.64 -0.62	35.39 0.66 0.00	34.29 0.80 -0.18	31.59 0.66 -0.97	30.79 0.62 -0.81	29.79 0.38 -5.47	38.57 1.01 0.00	47.38 1.25 0.00	53.30 1.30 0.00	65.44 2.03 0.00	54.88 1.39 0.00	47.50 1.20 0.00	41.11 1.20 0.00	36.58 1.10 0.00
BEAVER RIVER___HYD 24048	40.38 -0.66 0.00	38.51 -0.47 0.00	37.22 -0.38 0.00	37.03 -0.30 0.00	39.81 0.08 0.00	43.33 0.30 0.00	60.99 0.78 0.00	76.68 1.50 0.00	64.66 0.75 -1.48	45.00 0.00 0.00	37.21 -0.26 0.00	34.38 -0.35 0.00	32.88 -0.43 0.00	29.52 -0.45 0.00	28.98 -0.38 0.00	23.72 -0.22 0.00	37.52 -0.04 0.00	46.41 0.28 0.00	52.63 0.63 0.00	64.42 1.01 0.00	54.08 0.59 0.00	46.90 0.60 0.00	39.83 -0.08 0.00	35.09 -0.39 0.00
BEEBEE_GT_13 23619	40.46 -0.57 0.00	38.47 -0.51 0.00	37.14 -0.45 0.00	36.88 -0.45 0.00	39.34 -0.40 0.00	41.86 -1.16 0.00	58.10 -2.11 0.00	73.14 -2.03 0.00	60.80 -1.25 0.37	44.02 -0.86 0.13	36.91 -0.56 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.22 -0.75 0.00	28.51 -0.85 0.00	23.86 -0.07 0.00	36.32 -1.24 0.00	45.26 -1.71 0.00	50.24 -1.77 0.00	61.73 -2.41 -0.73	51.72 -1.77 0.00	45.50 -1.94 -1.14	38.35 -1.56 0.00	34.27 -1.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.92 2.87 -0.01	41.52 2.53 -0.01	39.93 2.33 -0.01	39.50 2.17 -0.01	41.97 2.23 -0.01	45.83 2.80 -0.01	64.60 4.39 0.00	80.44 5.26 0.00	70.33 4.00 -3.91	50.61 3.33 -2.27	42.41 2.77 -2.17	37.31 2.57 -0.01	36.32 2.40 -0.62	35.46 2.13 -3.36	34.30 2.11 -2.83	44.44 1.39 -19.12	40.48 2.93 0.00	50.02 3.88 -0.01	55.64 3.64 0.00	68.17 4.76 0.00	57.39 3.90 0.00	49.92 3.61 -0.01	43.03 3.11 -0.01	38.01 2.52 -0.01
BETHLEHEM___GRP 23843	41.53 0.49 0.00	39.44 0.47 0.00	38.05 0.45 0.00	37.70 0.37 0.00	39.97 0.24 0.00	43.41 0.39 0.00	61.11 0.90 0.00	76.08 0.90 0.00	64.18 0.69 -1.07	46.03 0.41 -0.62	38.26 0.19 -0.60	35.01 0.28 0.00	33.91 0.43 -0.17	31.26 0.36 -0.93	30.50 0.35 -0.78	29.33 0.12 -5.28	38.12 0.56 0.00	46.74 0.60 0.00	52.47 0.47 0.00	64.36 0.95 0.00	53.97 0.48 0.00	46.81 0.51 0.00	40.55 0.64 0.00	36.15 0.67 0.00
BETHLEHEM___GS1 323560	41.53 0.49 0.00	39.44 0.47 0.00	37.93 0.34 0.00	37.70 0.37 0.00	40.01 0.28 0.00	43.33 0.30 0.00	61.05 0.84 0.00	76.00 0.83 0.00	64.12 0.62 -1.07	46.03 0.40 -0.62	38.26 0.19 -0.60	35.01 0.28 0.00	33.91 0.43 -0.17	31.26 0.36 -0.93	30.47 0.32 -0.78	29.33 0.12 -5.28	38.12 0.56 0.00	46.73 0.60 0.00	52.47 0.47 0.00	64.36 0.95 0.00	54.08 0.59 0.00	46.81 0.51 0.00	40.55 0.64 0.00	36.12 0.64 0.00
BETHLEHEM___GS2 323561	41.53 0.49 0.00	39.44 0.47 0.00	37.93 0.34 0.00	37.70 0.37 0.00	40.01 0.28 0.00	43.33 0.30 0.00	61.05 0.84 0.00	76.00 0.83 0.00	64.12 0.62 -1.07	46.03 0.40 -0.62	38.26 0.19 -0.60	35.01 0.28 0.00	33.91 0.43 -0.17	31.26 0.36 -0.93	30.47 0.32 -0.78	29.33 0.12 -5.28	38.12 0.56 0.00	46.73 0.60 0.00	52.47 0.47 0.00	64.36 0.95 0.00	54.08 0.59 0.00	46.81 0.51 0.00	40.55 0.64 0.00	36.12 0.64 0.00
BETHLEHEM___GS3 323562	41.53 0.49 0.00	39.44 0.47 0.00	37.93 0.34 0.00	37.70 0.37 0.00	40.01 0.28 0.00	43.33 0.30 0.00	61.05 0.84 0.00	76.00 0.83 0.00	64.12 0.62 -1.07	46.03 0.40 -0.62	38.26 0.19 -0.60	35.01 0.28 0.00	33.91 0.43 -0.17	31.26 0.36 -0.93	30.47 0.32 -0.78	29.33 0.12 -5.28	38.12 0.56 0.00	46.73 0.60 0.00	52.47 0.47 0.00	64.36 0.95 0.00	54.08 0.59 0.00	46.81 0.51 0.00	40.55 0.64 0.00	36.12 0.64 0.00
BETHLEHEM___STEEL 23779	38.90 -2.13 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.50 -1.83 0.00	37.83 -1.91 0.00	39.02 -4.00 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	55.92 -5.99 0.52	41.13 -3.69 0.18	34.66 -2.81 0.00	31.78 -2.95 0.00	30.38 -2.93 0.00	27.42 -2.55 0.00	26.66 -2.70 0.00	20.06 -1.17 2.70	33.39 -4.17 0.00	36.72 -5.44 3.97	46.01 -5.98 0.01	52.95 -7.36 3.10	47.51 -5.94 0.04	36.11 -5.37 4.82	35.28 -4.63 0.00	31.79 -3.69 0.00
BETHLHEM_115KV_TB1 79974	41.57 0.53 0.00	39.52 0.55 0.00	38.08 0.49 0.00	37.78 0.45 0.00	40.05 0.32 0.00	43.50 0.47 0.00	61.17 0.96 0.00	76.15 0.98 0.00	64.23 0.75 -1.05	46.07 0.45 -0.61	38.32 0.26 -0.59	35.08 0.35 0.00	33.94 0.47 -0.17	31.27 0.39 -0.91	30.51 0.38 -0.77	29.25 0.14 -5.17	38.16 0.60 0.00	46.78 0.65 0.00	52.52 0.52 0.00	64.36 0.95 0.00	54.02 0.53 0.00	46.86 0.56 0.00	40.55 0.64 0.00	36.15 0.67 0.00
BETHPAGE_CC_5 323564	44.00 2.96 -0.01	41.66 2.69 0.00	40.01 2.41 -0.01	39.72 2.39 0.00	42.12 2.38 0.00	45.96 2.93 -0.01	64.84 4.46 -0.18	79.32 3.68 -0.47	69.59 3.00 -4.17	50.74 3.47 -2.27	42.67 3.03 -2.17	37.65 2.92 -0.01	36.60 2.67 -0.63	35.70 2.37 -3.37	34.57 2.38 -2.83	44.57 1.53 -19.10	40.79 3.16 -0.08	49.56 3.37 -0.06	55.90 3.69 -0.20	68.70 4.82 -0.47	57.80 4.06 -0.25	49.80 3.43 -0.07	43.14 3.15 -0.08	38.26 2.77 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.03 -2.01 0.00	37.14 -1.83 0.00	35.83 -1.77 0.00	35.58 -1.75 0.00	37.94 -1.79 0.00	39.15 -3.87 0.00	53.64 -6.56 0.00	67.96 -7.22 0.00	56.16 -5.74 0.52	41.31 -3.51 0.18	34.81 -2.66 0.00	31.92 -2.81 0.00	30.51 -2.80 0.00	27.54 -2.43 0.00	26.75 -2.61 0.00	20.01 -1.17 2.75	33.42 -4.13 0.00	36.82 -5.40 3.92	46.07 -5.93 0.01	53.20 -7.17 3.05	47.62 -5.83 0.04	36.42 -5.14 4.74	35.32 -4.59 0.00	31.79 -3.69 0.00
BINGHAMTON___COGEN 23790	41.16 0.12 0.00	39.09 0.12 0.00	37.67 0.08 0.00	37.41 0.07 0.00	39.85 0.12 0.00	42.85 -0.17 0.00	60.02 -0.18 0.00	74.87 -0.30 0.00	61.00 -0.37 1.05	44.21 -0.18 0.61	36.77 -0.11 0.59	34.52 -0.21 0.00	32.88 -0.27 0.17	28.81 -0.24 0.91	28.30 -0.29 0.77	18.73 0.05 5.25	37.25 -0.30 0.00	44.85 -0.42 0.87	51.59 -0.42 0.00	62.34 -0.44 0.63	53.17 -0.32 0.00	44.95 -0.37 0.98	39.51 -0.40 0.00	35.19 -0.28 0.00

BIXINCNT_115KV_LOAD 355685	38.66 -2.38 0.00	36.87 -2.10 0.00	35.45 -2.14 0.00	35.13 -2.20 0.00	37.39 -2.34 0.00	38.85 -4.17 0.00	53.76 -6.44 0.00	67.73 -7.44 0.00	55.30 -6.55 0.57	40.75 -4.05 0.20	34.44 -3.04 0.00	31.54 -3.20 0.00	30.11 -3.20 0.00	27.12 -2.85 0.00	26.39 -2.97 0.00	19.70 -1.36 2.87	33.27 -4.28 0.00	36.82 -5.67 3.64	45.81 -6.19 0.01	53.21 -7.36 2.84	47.30 -6.15 0.03	36.64 -5.23 4.43	34.92 -4.99 0.00	31.43 -4.04 0.00
BLACK RIVER___HYD 24047	40.87 -0.16 0.00	38.97 0.00 0.00	37.67 0.08 0.00	37.44 0.11 0.00	40.21 0.48 0.00	43.80 0.78 0.00	62.01 1.80 0.00	78.10 2.93 0.00	65.20 1.87 -0.90	45.23 0.23 0.00	37.25 -0.22 0.00	34.32 -0.42 0.00	32.74 -0.57 0.00	29.40 -0.57 0.00	28.86 -0.50 0.00	23.79 -0.14 0.00	37.63 0.08 0.00	46.69 0.56 0.00	53.25 1.25 0.00	65.38 1.97 0.00	54.88 1.39 0.00	47.46 1.16 0.00	40.23 0.32 0.00	35.41 -0.07 0.00
BLACKRVR_115KV_TB2 79977	40.87 -0.16 0.00	38.97 0.00 0.00	37.63 0.04 0.00	37.44 0.11 0.00	40.21 0.48 0.00	43.75 0.73 0.00	61.95 1.75 0.00	78.11 2.93 0.00	65.20 1.87 -0.90	45.23 0.23 0.00	37.25 -0.22 0.00	34.31 -0.42 0.00	32.74 -0.57 0.00	29.40 -0.57 0.00	28.86 -0.50 0.00	23.79 -0.14 0.00	37.63 0.08 0.00	46.69 0.55 0.00	53.25 1.25 0.00	65.38 1.97 0.00	54.93 1.44 0.00	47.46 1.16 0.00	40.23 0.32 0.00	35.41 -0.07 0.00
BLDWN_LI_69_KV_BK4 356085	44.13 3.08 -0.01	41.74 2.77 0.00	40.24 2.63 -0.01	39.83 2.50 0.00	42.28 2.54 0.00	46.05 3.01 -0.01	64.78 4.58 0.00	79.46 4.28 0.00	69.45 3.12 -3.91	50.78 3.51 -2.27	42.71 3.07 -2.17	37.69 2.95 -0.01	36.67 2.73 -0.63	35.76 2.43 -3.37	34.60 2.41 -2.84	44.61 1.58 -19.10	40.80 3.15 -0.09	49.65 3.51 -0.01	55.92 3.90 -0.01	68.56 5.14 -0.01	57.62 4.12 -0.01	49.88 3.57 -0.01	43.19 3.19 -0.09	38.19 2.70 -0.01
BLISS_WT_PWR 323608	38.62 -2.42 0.00	36.87 -2.11 0.00	35.87 -1.73 0.00	35.09 -2.24 0.00	37.31 -2.42 0.00	39.24 -3.79 0.00	54.31 -5.90 0.00	68.41 -6.77 0.00	55.36 -6.49 0.57	40.67 -4.14 0.20	34.32 -3.15 0.00	31.47 -3.27 0.00	30.05 -3.26 0.00	27.06 -2.91 0.00	26.37 -3.00 0.00	19.63 -1.44 2.87	33.20 -4.36 0.00	36.63 -5.86 3.64	45.70 -6.29 0.01	53.15 -7.42 2.84	46.98 -6.47 0.03	36.00 -5.88 4.43	34.72 -5.19 0.00	31.29 -4.19 0.00
BLUESTONE___WT_PWR 323821	42.56 1.52 0.00	40.54 1.56 0.00	39.10 1.51 0.00	38.79 1.45 0.00	41.36 1.63 0.00	44.83 1.81 0.00	63.39 3.19 0.00	79.91 4.74 0.00	63.92 3.31 1.81	45.93 1.98 1.05	37.88 1.42 1.01	35.91 1.18 0.00	34.02 1.00 0.29	29.23 0.84 1.58	28.83 0.79 1.33	13.68 0.69 10.95	38.72 1.17 0.00	47.98 1.85 0.00	54.19 2.18 0.00	66.27 2.86 0.00	55.79 2.30 0.00	47.65 1.34 0.00	40.91 1.00 0.00	36.26 0.78 0.00
BLUE_CIRC_CHEM_DRP 24182	42.35 1.31 0.00	40.22 1.25 0.00	38.83 1.24 0.00	38.53 1.19 0.00	40.88 1.15 0.00	44.40 1.38 0.00	62.31 2.11 0.00	77.43 2.26 0.00	65.06 1.62 -1.01	46.44 0.86 -0.59	38.49 0.45 -0.56	35.22 0.49 0.00	34.04 0.57 -0.16	31.32 0.48 -0.88	30.57 0.47 -0.74	29.17 0.31 -4.93	38.34 0.79 0.00	47.29 1.15 0.00	53.25 1.25 0.00	65.31 1.90 0.00	54.82 1.34 0.00	47.55 1.25 0.00	41.11 1.20 0.00	36.58 1.10 0.00
BOC_GAS_DRP 24189	41.69 0.66 0.00	39.60 0.62 0.00	38.20 0.60 0.00	37.85 0.52 0.00	40.17 0.44 0.00	43.63 0.60 0.00	61.17 0.96 0.00	76.15 0.98 0.00	64.10 0.75 -0.93	46.08 0.54 -0.54	38.37 0.37 -0.52	35.18 0.45 0.00	33.96 0.50 -0.15	31.19 0.42 -0.81	30.45 0.41 -0.68	28.69 0.19 -4.57	38.16 0.60 0.00	46.83 0.69 0.00	52.58 0.57 0.00	64.36 0.95 0.00	54.08 0.59 0.00	46.90 0.60 0.00	40.51 0.60 0.00	36.08 0.60 0.00
BOONVILLE_115KV_TB1 79983	41.28 0.25 0.00	39.29 0.31 0.00	37.93 0.34 0.00	37.70 0.37 0.00	40.33 0.60 0.00	43.75 0.73 0.00	61.59 1.38 0.00	77.35 2.18 0.00	64.49 1.50 -0.56	45.68 0.68 0.00	37.88 0.41 0.00	35.01 0.28 0.00	33.51 0.20 0.00	30.12 0.15 0.00	29.54 0.18 0.00	24.17 0.24 0.00	38.04 0.49 0.00	46.97 0.83 0.00	53.15 1.14 0.00	64.93 1.52 0.00	54.61 1.12 0.00	47.18 0.88 0.00	40.35 0.44 0.00	35.69 0.21 0.00
BORALEX_4TH_BRANCH 23824	42.43 1.40 0.00	40.38 1.40 0.00	38.91 1.32 0.00	38.56 1.23 0.00	40.81 1.07 0.00	44.49 1.46 0.00	62.91 2.71 0.00	78.26 3.08 0.00	66.03 2.31 -1.29	47.06 1.31 -0.75	38.98 0.79 -0.72	35.56 0.83 0.00	34.55 1.03 -0.21	31.96 0.87 -1.13	31.13 0.82 -0.95	30.71 0.41 -6.38	39.10 1.54 0.00	47.89 1.75 0.00	53.72 1.72 0.00	66.14 2.73 0.00	55.20 1.71 0.00	48.11 1.81 0.00	41.59 1.68 0.00	37.11 1.63 0.00
BOWLINE___1 23526	42.80 1.76 0.00	40.54 1.56 0.00	38.91 1.32 0.00	38.60 1.27 0.00	40.97 1.23 0.00	44.62 1.59 0.00	63.21 3.01 0.00	78.48 3.30 0.00	54.82 2.56 10.17	44.77 2.20 2.44	42.04 1.87 -2.69	36.47 1.74 0.00	35.74 1.66 -0.77	35.62 1.47 -4.19	34.35 1.47 -3.52	48.52 0.89 -23.70	39.62 2.06 0.00	48.76 2.63 0.00	54.45 2.44 0.00	66.70 3.30 0.00	56.32 2.83 0.00	48.57 2.27 0.00	41.98 2.07 0.00	37.11 1.63 0.00
BOWLINE___2 23595	42.80 1.76 0.00	40.54 1.56 0.00	38.91 1.32 0.00	38.60 1.27 0.00	40.97 1.23 0.00	44.62 1.59 0.00	63.21 3.01 0.00	78.48 3.30 0.00	54.81 2.56 10.17	44.77 2.20 2.44	42.03 1.87 -2.68	36.47 1.74 0.00	35.74 1.66 -0.76	35.61 1.47 -4.17	34.34 1.47 -3.51	48.49 0.89 -23.67	39.62 2.06 0.00	48.76 2.63 0.00	54.45 2.44 0.00	66.70 3.30 0.00	56.32 2.83 0.00	48.57 2.27 0.00	41.98 2.07 0.00	37.11 1.63 0.00
BRADY___115KV_TB2 356060	40.91 -0.12 0.00	38.78 -0.19 0.00	37.52 -0.08 0.00	37.37 0.04 0.00	40.05 0.32 0.00	43.50 0.47 0.00	60.57 0.36 0.00	75.55 0.38 0.00	67.39 0.31 -4.66	45.18 0.18 0.00	37.58 0.11 0.00	34.73 0.00 0.00	33.24 -0.07 0.00	29.88 -0.09 0.00	29.33 -0.03 0.00	23.91 -0.02 0.00	37.78 0.23 0.00	46.55 0.42 0.00	52.58 0.57 0.00	63.47 0.06 0.00	54.02 0.53 0.00	47.28 0.97 0.00	40.59 0.68 0.00	35.87 0.39 0.00
BRANSCOMB___SOLAR 323811	42.02 0.98 0.00	39.91 0.93 0.00	38.42 0.83 0.00	38.19 0.86 0.00	40.53 0.79 0.00	44.05 1.03 0.00	62.31 2.11 0.00	77.73 2.56 0.00	65.05 1.62 -1.00	46.35 0.76 -0.58	38.33 0.30 -0.56	35.04 0.31 0.00	33.94 0.47 -0.16	31.20 0.36 -0.87	30.42 0.32 -0.73	29.05 0.17 -4.94	38.31 0.75 0.00	47.20 1.06 0.00	53.35 1.35 0.00	65.63 2.22 0.00	54.98 1.50 0.00	47.55 1.25 0.00	41.07 1.16 0.00	36.51 1.03 0.00
BRDGHMPT_69_KV_BK1 55812	44.98 3.94 -0.01	42.64 3.66 0.00	41.21 3.61 -0.01	40.84 3.51 0.00	43.59 3.85 0.00	47.85 4.82 -0.01	68.89 7.16 -1.52	85.35 6.24 -3.94	73.03 4.49 -6.11	52.49 5.22 -2.27	44.17 4.53 -2.17	39.01 4.27 -0.01	37.56 3.63 -0.62	36.54 3.21 -3.37	35.48 3.29 -2.83	44.92 1.89 -19.10	41.79 4.17 -0.07	51.17 4.57 -0.46	58.18 4.58 -1.60	73.34 6.02 -3.91	60.52 4.97 -2.06	51.20 4.40 -0.50	43.89 3.91 -0.07	38.36 2.87 -0.01

BRENTWOD_69_KV_W. BRTWOOD 56703	44.70 3.65 -0.01	42.29 3.31 0.00	40.76 3.16 -0.01	40.32 2.99 0.00	42.87 3.14 0.00	46.77 3.74 -0.01	66.82 5.18 -1.43	83.39 4.51 -3.71	71.59 3.18 -5.98	51.28 4.01 -2.27	43.27 3.63 -2.17	38.18 3.44 -0.01	37.03 3.10 -0.62	36.12 2.79 -3.37	35.01 2.82 -2.83	44.88 1.84 -19.10	41.38 3.76 -0.07	50.63 4.06 -0.44	57.93 4.42 -1.50	72.86 5.77 -3.68	60.13 4.71 -1.94	50.85 4.07 -0.47	43.73 3.75 -0.07	38.50 3.02 -0.01
BRISTLHL_115KV_TB1 79998	40.50 -0.53 0.00	38.47 -0.51 0.00	37.11 -0.49 0.00	36.85 -0.49 0.00	39.30 -0.44 0.00	42.38 -0.65 0.00	59.36 -0.84 0.00	74.35 -0.83 0.00	61.86 -0.69 -0.12	44.42 -0.59 0.00	37.02 -0.45 0.00	34.24 -0.49 0.00	32.81 -0.50 0.00	29.55 -0.42 0.00	28.92 -0.44 0.00	23.72 -0.22 0.00	36.95 -0.60 0.00	45.40 -0.74 0.00	51.17 -0.83 0.00	62.46 -0.95 0.00	52.68 -0.80 0.00	45.52 -0.79 0.00	39.19 -0.72 0.00	34.84 -0.64 0.00
BROOKHAVEN__DRP 24191	44.82 3.78 -0.01	42.48 3.51 0.00	40.95 3.35 -0.01	40.50 3.17 0.00	43.11 3.38 0.00	47.12 4.09 -0.01	67.47 5.72 -1.55	83.77 4.59 -4.01	71.76 3.18 -6.15	51.55 4.28 -2.27	43.39 3.75 -2.17	38.35 3.61 -0.01	37.13 3.20 -0.62	36.24 2.91 -3.37	35.19 2.99 -2.83	44.78 1.75 -19.10	41.53 3.91 -0.07	50.90 4.29 -0.47	57.95 4.32 -1.63	72.97 5.58 -3.98	60.23 4.65 -2.09	50.93 4.12 -0.51	43.73 3.75 -0.07	38.36 2.87 -0.01
BROOKLYN_NAVY_YARD 23515	43.17 2.13 0.00	40.81 1.83 0.00	39.17 1.58 0.00	38.83 1.49 0.00	41.20 1.47 0.00	45.00 1.98 0.00	63.70 3.49 0.00	79.23 4.06 0.00	69.71 3.37 -3.91	50.20 2.92 -2.27	42.12 2.47 -2.17	37.03 2.29 -0.01	36.09 2.16 -0.62	35.25 1.92 -3.36	34.13 1.94 -2.83	44.28 1.22 -19.13	40.18 2.63 0.00	49.56 3.41 -0.01	55.12 3.12 0.00	67.47 4.06 0.00	56.96 3.47 0.00	49.22 2.92 0.00	42.43 2.52 0.00	37.43 1.95 0.00
BROOKLYN__ARMY_DRP 323595	43.79 2.75 -0.01	41.40 2.42 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.14 4.96 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.83 3.69 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.12 3.64 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.90 2.41 -0.01
BROOME_2_LFGE 323671	41.16 0.12 0.00	39.09 0.12 0.00	37.74 0.15 0.00	37.41 0.07 0.00	39.85 0.12 0.00	42.94 -0.09 0.00	60.20 0.00 0.00	75.02 -0.15 0.00	61.06 -0.31 1.05	44.21 -0.18 0.61	36.77 -0.11 0.59	34.52 -0.21 0.00	32.87 -0.27 0.17	28.81 -0.24 0.91	28.33 -0.26 0.77	18.73 0.05 5.25	37.25 -0.30 0.00	44.85 -0.42 0.87	51.64 -0.36 0.00	62.34 -0.44 0.63	53.17 -0.32 0.00	44.91 -0.42 0.98	39.47 -0.44 0.00	35.19 -0.29 0.00
BROOME__LFGE 323600	41.16 0.12 0.00	39.09 0.12 0.00	37.74 0.15 0.00	37.41 0.07 0.00	39.85 0.12 0.00	42.94 -0.09 0.00	60.20 0.00 0.00	75.02 -0.15 0.00	61.06 -0.31 1.05	44.21 -0.18 0.61	36.77 -0.11 0.59	34.52 -0.21 0.00	32.87 -0.27 0.17	28.81 -0.24 0.91	28.33 -0.26 0.77	18.73 0.05 5.25	37.25 -0.30 0.00	44.85 -0.42 0.87	51.64 -0.36 0.00	62.34 -0.44 0.63	53.17 -0.32 0.00	44.91 -0.42 0.98	39.47 -0.44 0.00	35.19 -0.29 0.00
BROWNFLS_115KV_TB 3_5 80003	39.81 -1.23 0.00	37.88 -1.09 0.00	36.62 -0.98 0.00	36.43 -0.90 0.00	39.14 -0.60 0.00	42.59 -0.43 0.00	59.72 -0.48 0.00	74.87 -0.30 0.00	64.41 -0.50 -2.49	44.33 -0.68 0.00	36.76 -0.71 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.38 -0.55 0.00	36.99 -0.56 0.00	45.72 -0.42 0.00	51.74 -0.26 0.00	62.84 -0.57 0.00	53.11 -0.37 0.00	46.21 -0.09 0.00	39.43 -0.48 0.00	34.77 -0.71 0.00
BROWNSV1_27_KV_LOAD 356125	43.58 2.54 0.00	41.16 2.18 0.00	39.62 2.03 0.00	39.20 1.87 0.00	41.64 1.91 0.00	45.48 2.45 0.00	64.36 4.15 0.00	80.29 5.11 0.00	70.52 4.18 -3.91	50.65 3.38 -2.27	42.49 2.85 -2.17	37.34 2.60 -0.01	36.39 2.46 -0.62	35.52 2.19 -3.36	34.36 2.17 -2.83	44.50 1.44 -19.13	40.52 2.97 0.00	49.93 3.78 -0.01	55.64 3.64 0.00	68.10 4.69 0.00	57.34 3.85 0.00	49.68 3.38 0.00	42.78 2.87 0.00	37.75 2.27 0.00
BURROWS__LYONSDAL 23803	41.00 -0.04 0.00	39.05 0.08 0.00	37.71 0.11 0.00	37.48 0.15 0.00	40.17 0.44 0.00	43.63 0.60 0.00	61.47 1.26 0.00	77.13 1.95 0.00	64.48 1.31 -0.74	45.50 0.50 0.00	37.73 0.26 0.00	34.87 0.14 0.00	33.38 0.07 0.00	30.00 0.03 0.00	29.42 0.06 0.00	24.05 0.12 0.00	37.93 0.38 0.00	46.83 0.69 0.00	53.04 1.04 0.00	64.80 1.40 0.00	54.50 1.02 0.00	47.09 0.79 0.00	40.15 0.24 0.00	35.48 0.00 0.00
CAITHNESS_CC_1 323624	44.78 3.73 -0.01	42.41 3.43 0.00	40.76 3.16 -0.01	40.43 3.10 0.00	42.95 3.22 0.00	46.95 3.91 -0.01	67.50 5.72 -1.57	83.60 4.36 -4.07	72.17 3.56 -6.19	51.55 4.28 -2.27	43.38 3.75 -2.17	38.32 3.58 -0.01	37.13 3.20 -0.62	36.18 2.85 -3.37	35.16 2.96 -2.83	44.78 1.75 -19.10	41.49 3.87 -0.07	50.81 4.20 -0.48	57.97 4.31 -1.65	73.03 5.58 -4.04	60.43 4.82 -2.13	50.94 4.12 -0.52	43.73 3.75 -0.07	38.54 3.05 -0.01
CALPINE BETH_PAGE_GT4 24209	44.04 3.00 -0.01	41.66 2.69 0.00	40.16 2.56 -0.01	39.76 2.43 0.00	42.20 2.46 0.00	46.05 3.01 -0.01	64.66 4.46 0.00	79.23 4.06 0.00	69.27 2.93 -3.91	50.74 3.47 -2.27	42.64 3.00 -2.17	37.65 2.92 -0.01	36.60 2.66 -0.63	35.70 2.37 -3.37	34.57 2.38 -2.84	44.57 1.53 -19.10	40.79 3.15 -0.08	49.60 3.46 -0.01	55.76 3.74 -0.01	68.37 4.95 -0.01	57.46 3.96 -0.01	49.79 3.47 -0.01	43.15 3.15 -0.08	38.19 2.70 -0.01
CALPINE_BETH_PAGE_GT_4 323586	44.04 2.99 -0.01	41.66 2.69 0.00	40.01 2.41 -0.01	39.72 2.39 0.00	42.16 2.42 0.00	45.96 2.93 -0.01	64.72 4.52 0.00	79.01 3.83 0.00	69.39 3.06 -3.91	50.74 3.47 -2.27	42.71 3.07 -2.17	37.65 2.92 -0.01	36.60 2.67 -0.63	35.70 2.37 -3.37	34.57 2.38 -2.84	44.57 1.53 -19.10	40.79 3.16 -0.08	49.56 3.41 -0.01	55.76 3.75 -0.01	68.37 4.95 -0.01	57.62 4.12 -0.01	49.74 3.43 -0.01	43.15 3.15 -0.08	38.26 2.77 -0.01
CALPINE_BP_GT1 23823	44.04 2.99 -0.01	41.66 2.69 0.00	40.01 2.41 -0.01	39.72 2.39 0.00	42.16 2.42 0.00	45.96 2.93 -0.01	64.72 4.52 0.00	79.01 3.83 0.00	69.39 3.06 -3.91	50.74 3.47 -2.27	42.71 3.07 -2.17	37.65 2.92 -0.01	36.60 2.67 -0.63	35.70 2.37 -3.37	34.57 2.38 -2.84	44.57 1.53 -19.10	40.79 3.16 -0.08	49.56 3.41 -0.01	55.76 3.75 -0.01	68.37 4.95 -0.01	57.62 4.12 -0.01	49.74 3.43 -0.01	43.15 3.15 -0.08	38.26 2.77 -0.01
CALSPAN__DRP 24200	38.90 -2.13 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.50 -1.83 0.00	37.83 -1.91 0.00	39.02 -4.00 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	55.92 -5.99 0.52	41.13 -3.69 0.18	34.66 -2.81 0.00	31.78 -2.95 0.00	30.38 -2.93 0.00	27.42 -2.55 0.00	26.66 -2.70 0.00	20.06 -1.17 2.70	33.39 -4.17 0.00	36.72 -5.44 3.97	46.01 -5.98 0.01	52.95 -7.36 3.10	47.51 -5.94 0.04	36.11 -5.37 4.82	35.28 -4.63 0.00	31.79 -3.69 0.00

CALVERTON___SOLAR 323806	44.90 3.86 -0.01	42.52 3.55 0.00	40.87 3.27 -0.01	40.58 3.25 0.00	43.11 3.38 0.00	47.16 4.13 -0.01	67.71 5.96 -1.54	83.66 4.51 -3.98	72.24 3.68 -6.14	51.69 4.41 -2.27	43.50 3.86 -2.17	38.42 3.68 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.25 3.05 -2.83	44.78 1.75 -19.10	41.57 3.94 -0.07	50.94 4.34 -0.47	57.99 4.37 -1.62	73.00 5.64 -3.95	60.43 4.87 -2.08	51.02 4.21 -0.50	43.81 3.83 -0.07	38.57 3.09 -0.01
CANDIGU_WT_PWR 323617	40.01 -1.02 0.00	38.12 -0.86 0.00	37.07 -0.53 0.00	36.58 -0.75 0.00	38.98 -0.76 0.00	41.52 -1.51 0.00	57.62 -2.59 0.00	72.39 -2.78 0.00	58.93 -2.81 0.69	42.72 -1.89 0.40	35.55 -1.54 0.38	33.10 -1.63 0.00	31.43 -1.77 0.11	27.78 -1.59 0.60	27.21 -1.64 0.50	19.67 -0.74 3.52	35.11 -2.44 0.00	33.25 -3.27 9.61	48.57 -3.43 0.00	53.30 -4.31 5.80	49.75 -3.58 0.16	33.92 -3.33 9.04	36.96 -2.95 0.00	33.10 -2.38 0.00
CARR STREET_E_SYP 24060	40.91 -0.12 0.00	38.86 -0.12 0.00	37.56 -0.04 0.00	37.22 -0.11 0.00	39.69 -0.04 0.00	42.85 -0.17 0.00	60.02 -0.18 0.00	75.25 0.08 0.00	62.50 0.00 -0.08	44.91 -0.09 0.00	37.44 -0.04 0.00	34.66 -0.07 0.00	33.21 -0.10 0.00	29.88 -0.09 0.00	29.27 -0.09 0.00	24.00 0.07 0.00	37.33 -0.22 0.00	45.81 -0.32 0.00	51.69 -0.31 0.00	63.03 -0.38 0.00	53.17 -0.32 0.00	45.93 -0.37 0.00	39.55 -0.36 0.00	35.16 -0.32 0.00
CARTHAGE___PAPER 23857	40.59 -0.45 0.00	38.66 -0.31 0.00	37.37 -0.22 0.00	37.18 -0.15 0.00	39.97 0.24 0.00	43.54 0.52 0.00	61.47 1.27 0.00	77.36 2.18 0.00	64.80 1.25 -1.12	45.09 0.09 0.00	37.21 -0.26 0.00	34.35 -0.38 0.00	32.81 -0.50 0.00	29.46 -0.51 0.00	28.92 -0.44 0.00	23.74 -0.19 0.00	37.56 0.00 0.00	46.55 0.41 0.00	52.94 0.94 0.00	64.93 1.52 0.00	54.45 0.96 0.00	47.18 0.88 0.00	40.03 0.12 0.00	35.23 -0.25 0.00
CASSADAGA_WT_PWR 323784	39.27 -1.76 0.00	37.41 -1.56 0.00	36.58 -1.01 0.00	35.87 -1.46 0.00	38.18 -1.55 0.00	40.10 -2.93 0.00	55.63 -4.58 0.00	70.06 -5.11 0.00	57.00 -4.87 0.56	41.70 -3.10 0.19	35.07 -2.40 0.00	32.16 -2.57 0.00	30.75 -2.56 0.00	27.78 -2.19 0.00	27.01 -2.35 0.00	20.29 -0.81 2.82	34.02 -3.53 0.00	37.65 -4.66 3.82	46.90 -5.09 0.01	54.12 -6.34 2.95	47.94 -5.51 0.03	36.48 -5.23 4.59	35.44 -4.47 0.00	31.97 -3.51 0.00
CE_DUNWOOD___DRP 24194	43.09 2.05 0.00	40.77 1.79 0.00	39.25 1.65 0.00	38.86 1.53 0.00	41.24 1.51 0.00	45.00 1.98 0.00	63.64 3.43 0.00	79.23 4.06 0.00	69.59 3.18 -3.98	49.92 2.61 -2.30	41.88 2.21 -2.20	36.78 2.05 0.00	35.90 1.97 -0.63	35.13 1.74 -3.42	33.97 1.73 -2.88	44.47 1.08 -19.46	39.96 2.40 0.00	49.13 3.00 0.00	54.86 2.86 0.00	67.28 3.87 0.00	56.59 3.10 0.00	48.99 2.69 0.00	42.27 2.35 0.00	37.32 1.84 0.00
CE_MILLWOOD___DRP 24193	42.97 1.93 0.00	40.69 1.71 0.00	39.17 1.58 0.00	38.79 1.46 0.00	41.16 1.43 0.00	44.92 1.89 0.00	63.52 3.31 0.00	79.08 3.91 0.00	69.45 3.06 -3.97	49.76 2.43 -2.33	41.79 2.06 -2.26	36.67 1.94 0.00	35.82 1.87 -0.64	35.13 1.65 -3.52	33.93 1.61 -2.96	44.97 1.01 -20.03	39.81 2.25 0.00	48.99 2.86 0.00	54.71 2.70 0.00	67.09 3.68 0.00	56.43 2.94 0.00	48.85 2.55 0.00	42.15 2.23 0.00	37.25 1.77 0.00
CE_NYC2_DRP 24202	43.55 2.50 -0.01	41.17 2.18 -0.01	39.63 2.03 -0.01	39.21 1.87 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	64.06 3.85 0.00	79.83 4.66 0.00	70.02 3.68 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.74 3.60 -0.01	55.33 3.33 0.00	67.72 4.31 0.00	57.02 3.53 0.00	49.60 3.29 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
CE_NYC_DRP 24195	43.29 2.26 0.00	40.92 1.95 0.00	39.40 1.80 0.00	38.97 1.64 0.00	41.36 1.63 0.00	45.22 2.19 0.00	63.94 3.73 0.00	79.76 4.59 0.00	70.08 3.75 -3.91	50.34 3.06 -2.28	42.23 2.59 -2.17	37.14 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.19 2.00 -2.83	44.36 1.29 -19.13	40.26 2.70 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.66 4.25 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.50 2.59 0.00	37.50 2.02 0.00
CHAFFEE___LFGE 323603	38.95 -2.09 0.00	37.10 -1.87 0.00	36.32 -1.28 0.00	35.58 -1.75 0.00	37.87 -1.87 0.00	39.75 -3.27 0.00	54.54 -5.66 0.00	69.01 -6.16 0.00	56.58 -5.31 0.54	41.30 -3.51 0.19	34.74 -2.73 0.00	31.88 -2.85 0.00	30.48 -2.83 0.00	27.51 -2.46 0.00	26.81 -2.55 0.00	20.05 -1.10 2.78	33.54 -4.02 0.00	37.07 -5.26 3.81	46.27 -5.72 0.01	53.40 -7.04 2.97	47.57 -5.88 0.03	36.35 -5.32 4.63	35.36 -4.55 0.00	31.90 -3.58 0.00
CHATEAUG_35_KV_LOAD 355732	40.09 -0.94 0.00	38.04 -0.94 0.00	36.84 -0.75 0.00	36.77 -0.56 0.00	39.41 -0.32 0.00	42.94 -0.09 0.00	59.96 -0.24 0.00	74.95 -0.23 0.00	62.76 0.12 -0.21	45.23 0.23 0.00	37.70 0.22 0.00	34.90 0.17 0.00	33.44 0.13 0.00	30.06 0.09 0.00	29.48 0.12 0.00	23.98 0.05 0.00	37.82 0.26 0.00	46.50 0.37 0.00	52.42 0.42 0.00	63.22 -0.19 0.00	53.70 0.21 0.00	46.86 0.56 0.00	40.27 0.36 0.00	35.66 0.18 0.00
CHATEAUG_WT_PWR 323614	40.05 -0.99 0.00	38.00 -0.97 0.00	36.80 -0.79 0.00	36.73 -0.60 0.00	39.37 -0.36 0.00	42.85 -0.17 0.00	59.72 -0.48 0.00	74.73 -0.45 0.00	62.34 0.06 0.14	45.23 0.23 0.00	37.74 0.26 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.06 0.09 0.00	29.48 0.12 0.00	24.00 0.07 0.00	37.78 0.23 0.00	46.41 0.28 0.00	52.06 0.05 0.00	63.09 -0.32 0.00	53.27 -0.21 0.00	46.67 0.37 0.00	40.15 0.24 0.00	35.58 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	40.09 -0.94 0.00	38.04 -0.94 0.00	36.84 -0.75 0.00	36.77 -0.56 0.00	39.41 -0.32 0.00	42.94 -0.09 0.00	59.96 -0.24 0.00	74.95 -0.23 0.00	62.76 0.12 -0.21	45.23 0.23 0.00	37.70 0.22 0.00	34.90 0.17 0.00	33.44 0.13 0.00	30.06 0.09 0.00	29.48 0.12 0.00	23.98 0.05 0.00	37.82 0.26 0.00	46.50 0.37 0.00	52.42 0.42 0.00	63.22 -0.19 0.00	53.70 0.21 0.00	46.86 0.56 0.00	40.27 0.36 0.00	35.66 0.18 0.00
CHAUTAUQUA___LFGE 323629	39.15 -1.89 0.00	37.30 -1.67 0.00	36.47 -1.13 0.00	35.76 -1.57 0.00	38.07 -1.67 0.00	39.97 -3.05 0.00	55.15 -5.06 0.00	69.46 -5.72 0.00	56.77 -5.12 0.54	41.48 -3.33 0.19	34.89 -2.59 0.00	32.02 -2.71 0.00	30.61 -2.70 0.00	27.63 -2.34 0.00	26.89 -2.47 0.00	20.17 -0.98 2.78	33.80 -3.76 0.00	37.20 -4.98 3.96	46.64 -5.36 0.01	53.59 -6.78 3.04	47.78 -5.67 0.04	36.25 -5.32 4.73	35.40 -4.51 0.00	31.93 -3.55 0.00
CHERRYST_13_KV_LD 356241	43.38 2.34 0.00	41.00 2.03 0.00	39.47 1.88 0.00	39.05 1.72 0.00	41.48 1.75 0.00	45.35 2.32 0.00	64.12 3.91 0.00	80.06 4.89 0.00	70.27 3.93 -3.91	50.52 3.24 -2.28	42.38 2.74 -2.17	37.27 2.54 -0.01	36.32 2.40 -0.62	35.46 2.13 -3.36	34.30 2.11 -2.83	44.43 1.36 -19.13	40.41 2.85 0.00	49.79 3.64 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.07 3.58 0.00	49.45 3.15 0.00	42.58 2.67 0.00	37.57 2.09 0.00

CHESTROR_138KV_BK263 355645	42.51 1.48 0.00	40.30 1.33 0.00	38.80 1.20 0.00	38.45 1.12 0.00	40.81 1.07 0.00	44.44 1.42 0.00	62.79 2.59 0.00	78.03 2.86 0.00	55.43 2.12 9.12	48.67 1.76 -1.92	51.25 1.50 -12.28	36.08 1.35 0.00	38.11 1.30 -3.50	50.24 1.17 -19.10	46.60 1.17 -16.07	88.94 0.72 -64.29	39.25 1.69 0.00	48.30 2.17 0.00	54.03 2.03 0.00	66.20 2.79 0.00	55.73 2.25 0.00	48.20 1.90 0.00	41.63 1.72 0.00	36.83 1.35 0.00
CH_MIDHUDSON__DRP 24192	43.01 1.97 0.00	40.73 1.75 0.00	39.21 1.62 0.00	38.86 1.53 0.00	41.20 1.47 0.00	44.96 1.94 0.00	63.52 3.31 0.00	78.93 3.76 0.00	67.65 2.93 -2.29	48.50 2.16 -1.33	40.48 1.72 -1.28	36.33 1.60 0.00	35.27 1.60 -0.37	33.34 1.38 -1.99	32.45 1.41 -1.68	35.97 0.86 -11.18	39.55 1.99 0.00	48.72 2.58 0.00	54.45 2.44 0.00	66.83 3.42 0.00	56.16 2.67 0.00	48.62 2.32 0.00	41.95 2.04 0.00	37.15 1.67 0.00
CH_MISC_IPPS 23765	43.37 2.34 0.00	41.04 2.06 0.00	39.44 1.84 0.00	39.16 1.83 0.00	41.52 1.79 0.00	45.26 2.24 0.00	64.24 4.03 0.00	79.53 4.36 0.00	68.02 3.37 -2.23	48.68 2.38 -1.29	40.59 1.87 -1.24	36.43 1.70 0.00	35.36 1.70 -0.35	33.37 1.47 -1.93	32.48 1.50 -1.63	35.67 0.96 -10.78	39.69 2.14 0.00	49.09 2.96 0.00	54.86 2.86 0.00	67.34 3.93 0.00	56.75 3.26 0.00	48.94 2.64 0.00	42.22 2.31 0.00	37.39 1.91 0.00
CH_RES_BVR_FALLS 23983	40.59 -0.45 0.00	38.58 -0.39 0.00	37.25 -0.34 0.00	37.07 -0.26 0.00	39.54 -0.20 0.00	42.85 -0.17 0.00	59.91 -0.30 0.00	74.87 -0.30 0.00	62.11 -0.19 0.13	44.96 -0.04 0.00	37.44 -0.04 0.00	34.70 -0.03 0.00	33.28 -0.03 0.00	29.91 -0.06 0.00	29.30 -0.06 0.00	23.88 -0.05 0.00	37.52 -0.04 0.00	46.04 -0.09 0.00	51.80 -0.21 0.00	63.03 -0.38 0.00	53.12 -0.37 0.00	46.12 -0.18 0.00	39.71 -0.20 0.00	35.27 -0.21 0.00
CH_RES_NIAGARA 23895	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
CH_RES_SYRACUSE 23985	41.16 0.12 0.00	39.13 0.16 0.00	37.78 0.19 0.00	37.44 0.11 0.00	39.93 0.20 0.00	43.11 0.09 0.00	60.45 0.24 0.00	75.70 0.53 0.00	62.87 0.38 -0.07	45.14 0.14 0.00	37.62 0.15 0.00	34.80 0.07 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	24.10 0.17 0.00	37.52 -0.04 0.00	46.09 -0.05 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.21 -0.09 0.00	39.79 -0.12 0.00	35.37 -0.11 0.00
CLINTON_WT_PWR 323605	40.05 -0.99 0.00	38.00 -0.97 0.00	36.80 -0.79 0.00	36.73 -0.60 0.00	39.37 -0.36 0.00	42.85 -0.17 0.00	59.72 -0.48 0.00	74.73 -0.45 0.00	62.34 0.06 0.14	45.23 0.23 0.00	37.74 0.26 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.06 0.09 0.00	29.48 0.12 0.00	24.00 0.07 0.00	37.78 0.23 0.00	46.41 0.28 0.00	52.06 0.05 0.00	63.09 -0.32 0.00	53.27 -0.21 0.00	46.67 0.37 0.00	40.15 0.24 0.00	35.58 0.11 0.00
CLINTON__LFGE 323618	40.71 -0.33 0.00	38.58 -0.39 0.00	37.37 -0.22 0.00	37.29 -0.04 0.00	40.05 0.32 0.00	43.63 0.60 0.00	60.81 0.60 0.00	76.00 0.83 0.00	63.61 1.18 0.00	45.99 0.99 0.00	38.34 0.86 0.00	35.46 0.73 0.00	33.94 0.63 0.00	30.51 0.54 0.00	29.92 0.56 0.00	24.39 0.45 0.00	38.38 0.83 0.00	47.29 1.15 0.00	52.94 0.94 0.00	64.11 0.70 0.00	54.18 0.69 0.00	47.65 1.34 0.00	40.87 0.96 0.00	36.12 0.64 0.00
COBBLENY_34_KV_TB1 80064	38.94 -2.09 0.00	37.10 -1.87 0.00	35.75 -1.84 0.00	35.54 -1.79 0.00	37.90 -1.83 0.00	39.15 -3.87 0.00	53.76 -6.44 0.00	67.96 -7.22 0.00	56.14 -5.74 0.54	41.30 -3.51 0.19	34.77 -2.70 0.00	31.88 -2.85 0.00	30.48 -2.83 0.00	27.51 -2.46 0.00	26.72 -2.64 0.00	20.05 -1.10 2.78	33.54 -4.02 0.00	37.07 -5.26 3.81	46.22 -5.77 0.01	53.40 -7.04 2.97	47.73 -5.72 0.03	36.54 -5.14 4.63	35.44 -4.47 0.00	31.93 -3.55 0.00
COFFEEN__115KV_TB3 355620	41.00 -0.04 0.00	39.13 0.16 0.00	37.74 0.15 0.00	37.55 0.22 0.00	40.37 0.64 0.00	43.93 0.90 0.00	62.19 1.99 0.00	78.41 3.23 0.00	65.30 2.00 -0.88	45.27 0.27 0.00	37.25 -0.22 0.00	34.31 -0.42 0.00	32.74 -0.57 0.00	29.37 -0.60 0.00	28.86 -0.50 0.00	23.79 -0.14 0.00	37.67 0.11 0.00	46.78 0.65 0.00	53.46 1.46 0.00	65.63 2.22 0.00	55.20 1.71 0.00	47.60 1.30 0.00	40.35 0.44 0.00	35.51 0.04 0.00
COLDSPRG_115KV_BK1 355956	39.03 -2.01 0.00	37.14 -1.83 0.00	35.79 -1.80 0.00	35.58 -1.75 0.00	37.90 -1.83 0.00	39.54 -3.48 0.00	55.09 -5.12 0.00	69.31 -5.86 0.00	56.48 -5.37 0.58	41.51 -3.29 0.20	34.89 -2.59 0.00	31.99 -2.74 0.00	30.61 -2.70 0.00	27.63 -2.34 0.00	26.81 -2.55 0.00	20.15 -0.89 2.90	34.06 -3.49 0.00	37.95 -4.57 3.62	47.00 -4.99 0.01	54.64 -5.96 2.81	48.48 -4.97 0.03	37.58 -4.35 4.37	35.76 -4.15 0.00	32.21 -3.26 0.00
COLONIE_LFGE__ 323577	41.98 0.94 0.00	39.91 0.93 0.00	38.38 0.79 0.00	38.15 0.82 0.00	40.45 0.72 0.00	43.93 0.90 0.00	62.07 1.87 0.00	77.28 2.10 0.00	65.03 1.50 -1.11	46.55 0.90 -0.65	38.62 0.52 -0.62	35.29 0.55 0.00	34.19 0.70 -0.18	31.50 0.57 -0.97	30.70 0.53 -0.81	29.67 0.26 -5.48	38.57 1.01 0.00	47.33 1.20 0.00	53.20 1.20 0.00	65.38 1.97 0.00	54.77 1.28 0.00	47.50 1.20 0.00	41.07 1.16 0.00	36.54 1.06 0.00
COOPERNY_115KV_TB1 80082	42.31 1.27 0.00	40.14 1.17 0.00	38.65 1.05 0.00	38.30 0.97 0.00	40.65 0.91 0.00	44.23 1.20 0.00	62.49 2.29 0.00	77.65 2.48 0.00	58.28 1.81 5.96	43.02 1.49 3.47	35.45 1.31 3.33	35.95 1.22 0.00	33.53 1.17 0.95	25.81 1.02 5.18	26.03 1.03 4.36	-3.45 0.65 28.03	39.06 1.50 0.00	48.07 1.94 0.00	53.77 1.77 0.00	65.88 2.47 0.00	55.47 1.98 0.00	47.97 1.67 0.00	41.39 1.48 0.00	36.68 1.21 0.00
COPENHAGEN_WT_PWR 323753	40.79 -0.24 0.00	38.90 -0.08 0.00	37.56 -0.04 0.00	37.33 0.00 0.00	40.13 0.40 0.00	43.67 0.65 0.00	61.77 1.56 0.00	77.80 2.63 0.00	64.89 1.62 -0.85	45.09 0.09 0.00	37.17 -0.30 0.00	34.28 -0.45 0.00	32.71 -0.60 0.00	29.37 -0.60 0.00	28.83 -0.53 0.00	23.74 -0.19 0.00	37.52 -0.04 0.00	46.55 0.41 0.00	53.04 1.04 0.00	65.12 1.71 0.00	54.66 1.18 0.00	47.28 0.97 0.00	40.11 0.20 0.00	35.34 -0.14 0.00
CORNELL____ 23752	41.86 0.82 0.00	39.79 0.82 0.00	38.35 0.75 0.00	38.11 0.78 0.00	40.69 0.95 0.00	43.75 0.73 0.00	61.41 1.20 0.00	77.05 1.88 0.00	63.00 1.31 0.74	45.34 0.77 0.43	37.62 0.56 0.41	35.11 0.38 0.00	33.43 0.23 0.12	29.54 0.21 0.64	29.03 0.21 0.54	20.46 0.36 3.83	37.82 0.26 0.00	47.24 0.46 -0.64	52.78 0.78 0.00	64.78 1.01 -0.36	54.41 0.91 -0.01	47.51 0.65 -0.56	40.31 0.40 0.00	35.83 0.35 0.00

CORONA_69_KV_TB1 355595	43.97 2.91 -0.02	41.62 2.65 0.00	40.09 2.48 -0.02	39.68 2.35 0.00	42.12 2.38 0.00	45.88 2.84 -0.02	64.66 4.46 0.00	79.53 4.36 0.00	69.58 3.25 -3.91	50.69 3.42 -2.27	42.60 2.96 -2.17	37.55 2.81 -0.01	36.54 2.60 -0.63	35.65 2.31 -3.38	34.49 2.29 -2.84	44.57 1.53 -19.10	40.70 3.00 -0.14	49.56 3.41 -0.01	55.71 3.69 -0.02	68.37 4.95 -0.02	57.46 3.96 -0.02	49.75 3.43 -0.02	43.08 3.03 -0.14	38.02 2.52 -0.02
CORTLAND_115KV_TB3 80093	41.53 0.49 0.00	39.44 0.47 0.00	38.01 0.41 0.00	37.78 0.45 0.00	40.29 0.56 0.00	43.41 0.39 0.00	60.93 0.72 0.00	76.30 1.13 0.00	62.67 0.75 0.50	45.25 0.45 0.20	37.81 0.34 0.00	34.94 0.21 0.00	33.44 0.13 0.00	30.09 0.12 0.00	29.48 0.12 0.00	21.26 0.26 2.94	37.71 0.15 0.00	46.37 0.23 0.00	52.37 0.36 0.00	63.98 0.57 0.00	53.97 0.48 0.00	46.63 0.32 0.00	40.07 0.16 0.00	35.62 0.14 0.00
COXSACKIE___GT 23611	43.09 2.05 0.00	40.88 1.91 0.00	39.36 1.77 0.00	39.20 1.87 0.00	41.56 1.83 0.00	45.22 2.19 0.00	64.06 3.86 0.00	79.08 3.91 0.00	66.53 3.00 -1.11	47.00 1.35 -0.65	38.51 0.41 -0.62	35.04 0.31 0.00	33.95 0.47 -0.18	31.30 0.36 -0.97	30.59 0.41 -0.81	29.76 0.45 -5.37	38.49 0.94 0.00	47.89 1.75 0.00	54.03 2.03 0.00	66.45 3.04 0.00	55.79 2.30 0.00	48.20 1.90 0.00	41.63 1.71 0.00	37.04 1.56 0.00
CPV_VALLEY___CC1 323721	42.23 1.19 0.00	40.06 1.09 0.00	38.49 0.90 0.00	38.19 0.86 0.00	40.53 0.79 0.00	44.10 1.08 0.00	62.37 2.16 0.00	77.43 2.25 0.00	55.97 1.62 8.07	42.02 1.48 4.47	34.83 1.31 3.95	35.94 1.21 0.00	33.32 1.13 1.13	24.84 1.02 6.15	25.22 1.03 5.17	-6.03 0.62 30.58	39.06 1.50 0.00	48.03 1.89 0.00	53.72 1.71 0.00	65.82 2.41 0.00	55.52 2.03 0.00	47.92 1.62 0.00	41.39 1.48 0.00	36.65 1.17 0.00
CPV_VALLEY___CC2 323722	42.23 1.19 0.00	40.06 1.09 0.00	38.49 0.90 0.00	38.19 0.86 0.00	40.53 0.79 0.00	44.10 1.08 0.00	62.37 2.16 0.00	77.43 2.25 0.00	55.97 1.62 8.07	42.02 1.48 4.47	34.83 1.31 3.95	35.94 1.21 0.00	33.32 1.13 1.13	24.84 1.02 6.15	25.22 1.03 5.17	-6.03 0.62 30.58	39.06 1.50 0.00	48.03 1.89 0.00	53.72 1.71 0.00	65.82 2.41 0.00	55.52 2.03 0.00	47.92 1.62 0.00	41.39 1.48 0.00	36.65 1.17 0.00
CRESCENT___HYD 24018	41.98 0.94 0.00	39.91 0.93 0.00	38.38 0.79 0.00	38.15 0.82 0.00	40.45 0.72 0.00	43.93 0.90 0.00	62.07 1.87 0.00	77.28 2.10 0.00	65.03 1.50 -1.11	46.55 0.90 -0.65	38.62 0.52 -0.62	35.29 0.55 0.00	34.19 0.70 -0.18	31.50 0.57 -0.97	30.70 0.53 -0.81	29.67 0.26 -5.48	38.57 1.01 0.00	47.33 1.20 0.00	53.20 1.20 0.00	65.38 1.97 0.00	54.77 1.28 0.00	47.50 1.20 0.00	41.07 1.16 0.00	36.54 1.06 0.00
CRICKET___VALLEY_CC1 323756	42.51 1.48 0.00	40.26 1.28 0.00	38.65 1.05 0.00	38.37 1.04 0.00	40.68 0.95 0.00	44.31 1.29 0.00	62.62 2.41 0.00	77.73 2.56 0.00	67.00 2.00 -2.57	48.17 1.67 -1.50	40.30 1.39 -1.44	36.05 1.32 0.00	35.02 1.30 -0.41	33.34 1.14 -2.24	32.36 1.12 -1.88	37.25 0.62 -12.70	39.21 1.65 0.00	48.21 2.08 0.00	53.82 1.82 0.00	66.07 2.66 0.00	55.63 2.14 0.00	48.06 1.76 0.00	41.55 1.64 0.00	36.79 1.31 0.00
CRICKET___VALLEY_CC2 323757	42.51 1.48 0.00	40.26 1.28 0.00	38.65 1.05 0.00	38.37 1.04 0.00	40.68 0.95 0.00	44.31 1.29 0.00	62.62 2.41 0.00	77.73 2.56 0.00	67.00 2.00 -2.57	48.17 1.67 -1.50	40.30 1.39 -1.44	36.05 1.32 0.00	35.02 1.30 -0.41	33.34 1.14 -2.24	32.36 1.12 -1.88	37.25 0.62 -12.70	39.21 1.65 0.00	48.21 2.08 0.00	53.82 1.82 0.00	66.07 2.66 0.00	55.63 2.14 0.00	48.06 1.76 0.00	41.55 1.64 0.00	36.79 1.31 0.00
CRICKET___VALLEY_CC3 323758	42.51 1.48 0.00	40.26 1.28 0.00	38.65 1.05 0.00	38.37 1.04 0.00	40.68 0.95 0.00	44.31 1.29 0.00	62.62 2.41 0.00	77.73 2.56 0.00	67.00 2.00 -2.57	48.17 1.67 -1.50	40.30 1.39 -1.44	36.05 1.32 0.00	35.02 1.30 -0.41	33.34 1.14 -2.24	32.36 1.12 -1.88	37.25 0.62 -12.70	39.21 1.65 0.00	48.21 2.08 0.00	53.82 1.82 0.00	66.07 2.66 0.00	55.63 2.14 0.00	48.06 1.76 0.00	41.55 1.64 0.00	36.79 1.31 0.00
CRUCIBLE_METL_DRP 24180	41.16 0.12 0.00	39.13 0.16 0.00	37.71 0.11 0.00	37.44 0.11 0.00	39.93 0.20 0.00	43.02 0.00 0.00	60.33 0.12 0.00	75.55 0.38 0.00	62.81 0.31 -0.07	45.14 0.14 0.00	37.66 0.19 0.00	34.80 0.07 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	24.10 0.17 0.00	37.52 -0.04 0.00	46.09 -0.05 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.21 -0.09 0.00	39.79 -0.12 0.00	35.37 -0.11 0.00
DAHOWA___HYDRO 323763	41.94 0.90 0.00	39.87 0.90 0.00	38.35 0.75 0.00	38.15 0.82 0.00	40.49 0.75 0.00	44.01 0.99 0.00	62.37 2.16 0.00	77.80 2.63 0.00	65.10 1.69 -0.99	46.29 0.72 -0.57	38.29 0.26 -0.55	35.01 0.28 0.00	33.87 0.40 -0.16	31.12 0.30 -0.86	30.34 0.26 -0.72	28.90 0.12 -4.85	38.27 0.71 0.00	47.15 1.01 0.00	53.35 1.35 0.00	65.63 2.22 0.00	54.98 1.50 0.00	47.50 1.20 0.00	41.03 1.12 0.00	36.47 0.99 0.00
DANC___LFGE 323619	40.55 -0.49 0.00	38.62 -0.35 0.00	37.29 -0.30 0.00	37.03 -0.30 0.00	39.73 0.00 0.00	43.15 0.13 0.00	60.93 0.73 0.00	76.60 1.42 0.00	63.83 0.75 -0.65	44.69 -0.31 0.00	36.95 -0.52 0.00	34.07 -0.66 0.00	32.54 -0.76 0.00	29.25 -0.72 0.00	28.71 -0.65 0.00	23.62 -0.31 0.00	37.22 -0.34 0.00	46.04 -0.09 0.00	52.37 0.37 0.00	64.17 0.76 0.00	53.97 0.48 0.00	46.63 0.33 0.00	39.71 -0.20 0.00	35.05 -0.42 0.00
DANSKAMMER___1 23586	43.37 2.34 0.00	41.04 2.06 0.00	39.44 1.84 0.00	39.16 1.83 0.00	41.52 1.79 0.00	45.26 2.24 0.00	64.24 4.03 0.00	79.53 4.36 0.00	68.02 3.37 -2.23	48.68 2.38 -1.29	40.59 1.87 -1.24	36.43 1.70 0.00	35.36 1.70 -0.35	33.37 1.47 -1.93	32.48 1.50 -1.63	35.67 0.96 -10.78	39.69 2.14 0.00	49.09 2.96 0.00	54.86 2.86 0.00	67.34 3.93 0.00	56.75 3.26 0.00	48.94 2.64 0.00	42.22 2.31 0.00	37.39 1.91 0.00
DANSKAMMER___2 23589	43.37 2.34 0.00	41.04 2.06 0.00	39.44 1.84 0.00	39.16 1.83 0.00	41.52 1.79 0.00	45.26 2.24 0.00	64.24 4.03 0.00	79.53 4.36 0.00	68.02 3.37 -2.23	48.68 2.38 -1.29	40.59 1.87 -1.24	36.43 1.70 0.00	35.36 1.70 -0.35	33.37 1.47 -1.93	32.48 1.50 -1.63	35.67 0.96 -10.78	39.69 2.14 0.00	49.09 2.96 0.00	54.86 2.86 0.00	67.34 3.93 0.00	56.75 3.26 0.00	48.94 2.64 0.00	42.22 2.31 0.00	37.39 1.91 0.00
DANSKAMMER___3 23590	43.37 2.34 0.00	41.04 2.06 0.00	39.44 1.84 0.00	39.16 1.83 0.00	41.52 1.79 0.00	45.26 2.24 0.00	64.24 4.03 0.00	79.53 4.36 0.00	68.02 3.37 -2.23	48.68 2.38 -1.29	40.59 1.87 -1.24	36.43 1.70 0.00	35.36 1.70 -0.35	33.37 1.47 -1.93	32.48 1.50 -1.63	35.67 0.96 -10.78	39.69 2.14 0.00	49.09 2.96 0.00	54.86 2.86 0.00	67.34 3.93 0.00	56.75 3.26 0.00	48.94 2.64 0.00	42.22 2.31 0.00	37.39 1.91 0.00

DANSKAMMER___4 23591	43.37 2.34 0.00	41.04 2.06 0.00	39.44 1.84 0.00	39.16 1.83 0.00	41.52 1.79 0.00	45.26 2.24 0.00	64.24 4.03 0.00	79.53 4.36 0.00	68.02 3.37 -2.23	48.68 2.38 -1.29	40.59 1.87 -1.24	36.43 1.70 0.00	35.36 1.70 -0.35	33.37 1.47 -1.93	32.48 1.50 -1.63	35.67 0.96 -10.78	39.69 2.14 0.00	49.09 2.96 0.00	54.86 2.86 0.00	67.34 3.93 0.00	56.75 3.26 0.00	48.94 2.64 0.00	42.22 2.31 0.00	37.39 1.91 0.00
DANSKAMMER___DIESEL 23592	43.38 2.34 0.00	41.04 2.07 0.00	39.51 1.92 0.00	39.20 1.87 0.00	41.56 1.83 0.00	45.35 2.32 0.00	64.18 3.97 0.00	79.68 4.51 0.00	68.15 3.50 -2.23	48.68 2.39 -1.29	40.59 1.87 -1.24	36.43 1.70 0.00	35.36 1.70 -0.35	33.37 1.47 -1.93	32.51 1.53 -1.63	35.67 0.96 -10.78	39.70 2.14 0.00	49.09 2.95 0.00	54.81 2.81 0.00	67.34 3.93 0.00	56.59 3.10 0.00	48.94 2.64 0.00	42.23 2.31 0.00	37.39 1.92 0.00
DARBY___SOLAR 323810	41.98 0.94 0.00	39.87 0.90 0.00	38.38 0.79 0.00	38.19 0.86 0.00	40.49 0.75 0.00	44.01 0.99 0.00	62.31 2.11 0.00	77.65 2.48 0.00	65.05 1.62 -1.00	46.30 0.72 -0.58	38.33 0.30 -0.56	35.04 0.31 0.00	33.90 0.43 -0.16	31.17 0.33 -0.87	30.39 0.29 -0.73	29.02 0.14 -4.94	38.31 0.75 0.00	47.20 1.06 0.00	53.35 1.35 0.00	65.57 2.16 0.00	54.93 1.44 0.00	47.50 1.20 0.00	41.03 1.12 0.00	36.47 0.99 0.00
DASHVILLE___HYD 23610	42.84 1.81 0.00	40.57 1.60 0.00	39.06 1.47 0.00	38.75 1.42 0.00	41.08 1.35 0.00	44.79 1.76 0.00	63.34 3.13 0.00	78.56 3.38 0.00	66.89 3.06 -1.40	47.93 2.12 -0.82	39.57 1.31 -0.78	35.98 1.25 0.00	34.77 1.23 -0.22	32.26 1.08 -1.22	31.50 1.12 -1.03	31.20 0.84 -6.43	39.17 1.61 0.00	48.40 2.26 0.00	54.08 2.08 0.00	66.39 2.98 0.00	55.79 2.30 0.00	48.29 1.99 0.00	41.67 1.76 0.00	36.97 1.49 0.00
DELAWARE___LFGE 323621	41.98 0.94 0.00	39.91 0.94 0.00	38.46 0.86 0.00	38.15 0.82 0.00	40.57 0.83 0.00	43.97 0.95 0.00	61.89 1.69 0.00	77.20 2.03 0.00	62.46 1.44 1.40	45.18 0.99 0.82	37.44 0.75 0.78	35.46 0.73 0.00	33.75 0.67 0.22	29.32 0.57 1.22	28.89 0.56 1.03	17.23 0.43 7.13	38.38 0.83 0.00	47.24 1.11 0.00	53.10 1.09 0.00	64.99 1.59 0.00	54.72 1.23 0.00	47.32 1.02 0.00	40.75 0.84 0.00	36.19 0.71 0.00
DERFIELD_115KV_TB7 355931	41.12 0.08 0.00	39.05 0.08 0.00	37.67 0.08 0.00	37.37 0.04 0.00	39.77 0.04 0.00	43.11 0.09 0.00	60.39 0.18 0.00	75.40 0.23 0.00	62.65 0.12 -0.10	45.05 0.04 0.00	37.51 0.04 0.00	34.77 0.03 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	23.93 0.00 0.00	37.63 0.08 0.00	46.23 0.09 0.00	52.06 0.05 0.00	63.54 0.13 0.00	53.54 0.05 0.00	46.35 0.05 0.00	39.95 0.04 0.00	35.51 0.04 0.00
DOGLEVILLE___HYD 23807	41.45 0.41 0.00	39.40 0.43 0.00	38.08 0.49 0.00	37.85 0.52 0.00	40.37 0.64 0.00	43.80 0.77 0.00	61.53 1.32 0.00	76.90 1.73 0.00	63.90 1.37 -0.10	45.86 0.86 0.00	38.15 0.67 0.00	35.32 0.59 0.00	33.84 0.53 0.00	30.39 0.42 0.00	29.74 0.38 0.00	24.24 0.31 0.00	38.08 0.53 0.00	46.83 0.69 0.00	52.73 0.73 0.00	64.36 0.95 0.00	54.13 0.64 0.00	46.81 0.51 0.00	40.31 0.40 0.00	35.80 0.32 0.00
DUNKIRK___115KV_TB_200 55889	39.15 -1.89 0.00	37.26 -1.71 0.00	35.90 -1.69 0.00	35.69 -1.64 0.00	38.02 -1.71 0.00	39.45 -3.57 0.00	54.30 -5.90 0.00	68.48 -6.69 0.00	56.33 -5.56 0.54	41.44 -3.38 0.19	34.89 -2.59 0.00	31.99 -2.74 0.00	30.58 -2.73 0.00	27.60 -2.37 0.00	26.81 -2.55 0.00	20.15 -1.01 2.77	33.76 -3.79 0.00	37.18 -4.98 3.97	46.54 -5.46 0.01	53.58 -6.78 3.05	47.89 -5.56 0.04	36.42 -5.14 4.74	35.48 -4.43 0.00	31.97 -3.51 0.00
DUNKIRK___1 23563	39.15 -1.89 0.00	37.26 -1.71 0.00	35.90 -1.69 0.00	35.69 -1.64 0.00	38.02 -1.71 0.00	39.45 -3.57 0.00	54.30 -5.90 0.00	68.48 -6.69 0.00	56.33 -5.56 0.54	41.44 -3.38 0.19	34.89 -2.59 0.00	31.99 -2.74 0.00	30.58 -2.73 0.00	27.60 -2.37 0.00	26.81 -2.55 0.00	20.15 -1.01 2.77	33.76 -3.79 0.00	37.18 -4.98 3.97	46.54 -5.46 0.01	53.58 -6.78 3.05	47.89 -5.56 0.04	36.42 -5.14 4.74	35.48 -4.43 0.00	31.97 -3.51 0.00
DUNKIRK___2 23564	39.15 -1.89 0.00	37.26 -1.71 0.00	35.90 -1.69 0.00	35.69 -1.64 0.00	38.02 -1.71 0.00	39.45 -3.57 0.00	54.30 -5.90 0.00	68.48 -6.69 0.00	56.33 -5.56 0.54	41.44 -3.38 0.19	34.89 -2.59 0.00	31.99 -2.74 0.00	30.58 -2.73 0.00	27.60 -2.37 0.00	26.81 -2.55 0.00	20.15 -1.01 2.77	33.76 -3.79 0.00	37.18 -4.98 3.97	46.54 -5.46 0.01	53.58 -6.78 3.05	47.89 -5.56 0.04	36.42 -5.14 4.74	35.48 -4.43 0.00	31.97 -3.51 0.00
DUNKIRK___3 23565	38.98 -2.05 0.00	37.10 -1.87 0.00	35.75 -1.84 0.00	35.54 -1.79 0.00	37.87 -1.87 0.00	39.28 -3.74 0.00	54.00 -6.20 0.00	68.11 -7.07 0.00	56.08 -5.81 0.54	41.26 -3.56 0.19	34.74 -2.74 0.00	31.85 -2.88 0.00	30.45 -2.86 0.00	27.51 -2.46 0.00	26.72 -2.64 0.00	20.04 -1.12 2.76	33.61 -3.94 0.00	36.92 -5.17 4.04	46.38 -5.62 0.01	53.35 -6.98 3.08	47.78 -5.67 0.04	36.32 -5.19 4.80	35.44 -4.47 0.00	31.93 -3.55 0.00
DUNKIRK___4 23566	38.98 -2.05 0.00	37.10 -1.87 0.00	35.75 -1.84 0.00	35.54 -1.79 0.00	37.87 -1.87 0.00	39.28 -3.74 0.00	54.00 -6.20 0.00	68.11 -7.07 0.00	56.08 -5.81 0.54	41.26 -3.56 0.19	34.74 -2.74 0.00	31.85 -2.88 0.00	30.45 -2.86 0.00	27.51 -2.46 0.00	26.72 -2.64 0.00	20.04 -1.12 2.76	33.61 -3.94 0.00	36.92 -5.17 4.04	46.38 -5.62 0.01	53.35 -6.98 3.08	47.78 -5.67 0.04	36.32 -5.19 4.80	35.44 -4.47 0.00	31.93 -3.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.17 2.13 0.00	40.85 1.87 0.00	39.29 1.69 0.00	38.90 1.57 0.00	41.28 1.55 0.00	45.09 2.07 0.00	63.76 3.55 0.00	79.38 4.21 0.00	69.71 3.37 -3.91	50.02 2.75 -2.27	42.00 2.36 -2.17	36.92 2.19 0.00	35.99 2.07 -0.62	35.16 1.83 -3.36	34.01 1.82 -2.83	44.22 1.15 -19.14	40.07 2.52 0.00	49.32 3.18 0.00	55.02 3.02 0.00	67.47 4.06 0.00	56.75 3.26 0.00	49.13 2.82 0.00	42.38 2.47 0.00	37.39 1.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.38 2.34 0.00	41.08 2.10 0.00	39.55 1.95 0.00	39.20 1.87 0.00	41.56 1.83 0.00	45.39 2.37 0.00	64.24 4.03 0.00	79.68 4.51 0.00	67.91 3.50 -1.99	48.50 2.34 -1.16	40.42 1.84 -1.11	36.40 1.67 0.00	35.29 1.67 -0.32	33.13 1.44 -1.73	32.31 1.50 -1.45	34.36 0.93 -9.49	39.66 2.10 0.00	49.04 2.91 0.00	54.81 2.81 0.00	67.34 3.93 0.00	56.59 3.10 0.00	48.94 2.64 0.00	42.19 2.27 0.00	37.36 1.88 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.55 2.50 -0.01	41.24 2.26 -0.01	39.67 2.07 -0.01	39.32 1.98 -0.01	41.69 1.95 -0.01	45.48 2.45 -0.01	63.94 3.73 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.25 2.97 -2.27	42.15 2.51 -2.17	37.07 2.33 -0.01	36.12 2.20 -0.62	35.28 1.95 -3.36	34.13 1.94 -2.83	44.28 1.22 -19.12	40.22 2.67 0.00	49.60 3.46 -0.01	55.12 3.12 0.00	67.40 3.99 0.00	56.80 3.32 0.00	49.55 3.24 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01

E179THST_13_KV_LOAD 356214	43.71 2.67 -0.01	41.36 2.38 -0.01	39.82 2.22 -0.01	39.43 2.09 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.18 3.97 0.00	79.91 4.74 0.00	70.02 3.68 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.40 1.34 -19.12	40.37 2.82 0.00	49.79 3.64 -0.01	55.38 3.38 0.00	67.72 4.31 0.00	57.07 3.58 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.86 2.38 -0.01
EAST HAMPTON___GT 23717	44.78 3.73 -0.01	42.44 3.47 0.00	40.91 3.31 -0.01	40.69 3.36 0.00	43.47 3.73 0.00	47.81 4.78 -0.01	69.19 7.46 -1.52	85.43 6.32 -3.94	73.72 5.18 -6.11	52.76 5.49 -2.27	44.40 4.76 -2.17	39.08 4.34 -0.01	37.60 3.66 -0.62	36.51 3.18 -3.37	35.39 3.20 -2.83	44.85 1.82 -19.10	41.68 4.06 -0.07	50.89 4.29 -0.46	57.97 4.37 -1.60	73.09 5.77 -3.91	60.46 4.92 -2.06	51.02 4.21 -0.50	43.69 3.71 -0.07	38.43 2.94 -0.01
EAST RIVER___6 23660	43.17 2.13 0.00	40.81 1.83 0.00	39.17 1.58 0.00	38.83 1.49 0.00	41.24 1.51 0.00	45.05 2.02 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.90 3.56 -3.91	50.34 3.06 -2.28	42.27 2.62 -2.17	37.13 2.39 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.36 1.29 -19.13	40.26 2.71 0.00	49.70 3.55 -0.01	55.23 3.23 0.00	67.59 4.18 0.00	57.07 3.58 0.00	49.27 2.97 0.00	42.47 2.56 0.00	37.46 1.99 0.00
EAST RIVER___7 23524	43.17 2.13 0.00	40.81 1.83 0.00	39.17 1.58 0.00	38.83 1.49 0.00	41.24 1.51 0.00	45.05 2.02 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.90 3.56 -3.91	50.34 3.06 -2.28	42.27 2.62 -2.17	37.13 2.39 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.36 1.29 -19.13	40.26 2.71 0.00	49.70 3.55 -0.01	55.23 3.23 0.00	67.59 4.18 0.00	57.07 3.58 0.00	49.27 2.97 0.00	42.47 2.56 0.00	37.46 1.99 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.09 2.05 0.00	40.77 1.79 0.00	39.25 1.65 0.00	38.86 1.53 0.00	41.24 1.51 0.00	45.00 1.98 0.00	63.64 3.43 0.00	79.23 4.06 0.00	69.59 3.18 -3.98	49.92 2.61 -2.30	41.88 2.21 -2.20	36.78 2.05 0.00	35.90 1.97 -0.63	35.13 1.74 -3.42	33.97 1.73 -2.88	44.47 1.08 -19.46	39.96 2.40 0.00	49.13 3.00 0.00	54.86 2.86 0.00	67.28 3.87 0.00	56.59 3.10 0.00	48.99 2.69 0.00	42.27 2.35 0.00	37.32 1.84 0.00
EAST_HAMPTON___DIESEL 23722	44.66 3.61 -0.01	42.36 3.39 0.00	40.84 3.23 -0.01	40.65 3.32 0.00	43.39 3.65 0.00	47.76 4.73 -0.01	69.13 7.40 -1.52	85.43 6.32 -3.94	73.72 5.18 -6.11	52.76 5.49 -2.27	44.36 4.72 -2.17	39.08 4.34 -0.01	37.60 3.66 -0.62	36.48 3.15 -3.37	35.37 3.17 -2.83	44.80 1.77 -19.10	41.60 3.98 -0.07	50.80 4.20 -0.46	57.87 4.27 -1.60	72.96 5.64 -3.91	60.36 4.82 -2.06	50.88 4.08 -0.50	43.61 3.63 -0.07	38.33 2.84 -0.01
EAST_POINT___SOLAR 323840	42.97 1.93 0.00	40.77 1.79 0.00	39.32 1.73 0.00	39.12 1.79 0.00	41.64 1.91 0.00	45.47 2.45 0.00	64.60 4.39 0.00	80.43 5.26 0.00	65.16 2.24 -0.49	45.67 0.50 -0.17	37.51 0.04 0.00	34.77 0.03 0.00	33.41 0.10 0.00	29.91 -0.06 0.00	29.54 0.18 0.00	26.50 0.17 -2.40	38.15 0.60 0.00	47.79 1.66 0.00	54.97 2.96 0.00	67.72 4.31 0.00	56.75 3.26 0.00	48.80 2.50 0.00	42.10 2.19 0.00	37.25 1.77 0.00
EAST_PULASKI___ESR 323781	40.46 -0.57 0.00	38.51 -0.47 0.00	37.18 -0.41 0.00	36.92 -0.41 0.00	39.46 -0.28 0.00	42.77 -0.26 0.00	60.20 0.00 0.00	75.63 0.45 0.00	62.90 0.06 -0.42	44.51 -0.49 0.00	36.87 -0.60 0.00	34.07 -0.66 0.00	32.58 -0.73 0.00	29.31 -0.66 0.00	28.74 -0.62 0.00	23.60 -0.34 0.00	37.03 -0.53 0.00	45.67 -0.46 0.00	51.80 -0.21 0.00	63.41 0.00 0.00	53.38 -0.11 0.00	46.12 -0.18 0.00	39.43 -0.48 0.00	34.91 -0.57 0.00
EAST_RIVER___1 323558	43.29 2.26 0.00	40.92 1.95 0.00	39.29 1.69 0.00	38.93 1.60 0.00	41.36 1.63 0.00	45.13 2.11 0.00	63.94 3.73 0.00	79.53 4.36 0.00	69.90 3.56 -3.91	50.34 3.06 -2.28	42.23 2.58 -2.17	37.13 2.39 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.36 1.29 -19.13	40.26 2.71 0.00	49.65 3.50 -0.01	55.28 3.28 0.00	67.66 4.25 0.00	57.13 3.64 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.54 2.06 0.00
EAST_RIVER___2 323559	43.17 2.13 0.00	40.81 1.83 0.00	39.17 1.58 0.00	38.83 1.49 0.00	41.24 1.51 0.00	45.05 2.02 0.00	63.88 3.67 0.00	79.38 4.21 0.00	69.90 3.56 -3.91	50.34 3.06 -2.28	42.27 2.62 -2.17	37.13 2.39 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.36 1.29 -19.13	40.26 2.71 0.00	49.70 3.55 -0.01	55.23 3.23 0.00	67.59 4.18 0.00	57.07 3.58 0.00	49.27 2.97 0.00	42.47 2.56 0.00	37.46 1.99 0.00
EAST___DELAWARE_HYD 23607	43.62 2.59 0.00	41.35 2.38 0.00	39.74 2.14 0.00	39.50 2.16 0.00	41.92 2.18 0.00	45.65 2.62 0.00	64.78 4.57 0.00	80.66 5.48 0.00	66.09 4.12 0.46	47.54 2.70 0.16	39.53 2.06 0.00	36.50 1.77 0.00	35.04 1.73 0.00	31.49 1.53 0.00	30.92 1.56 0.00	20.67 1.03 4.29	39.77 2.22 0.00	49.32 3.18 0.00	55.12 3.12 0.00	67.66 4.25 0.00	57.02 3.53 0.00	49.17 2.87 0.00	42.39 2.48 0.00	37.54 2.06 0.00
EIGHT_POINT___WT_PWR 323820	40.34 -0.70 0.00	38.47 -0.51 0.00	37.52 -0.08 0.00	37.07 -0.26 0.00	39.61 -0.12 0.00	42.08 -0.95 0.00	58.34 -1.87 0.00	73.52 -1.65 0.00	59.77 -2.00 0.66	43.38 -1.40 0.23	36.35 -1.12 0.00	33.38 -1.36 0.00	31.78 -1.53 0.00	28.47 -1.50 0.00	27.77 -1.59 0.00	19.89 -0.65 3.39	35.04 -2.52 0.00	60.34 -3.41 -17.62	48.41 -3.59 0.00	68.06 -4.76 -9.41	49.60 -4.01 -0.13	57.41 -3.71 -14.81	36.52 -3.39 0.00	32.78 -2.70 0.00
ELBRIDGE_115KV_TB2 80188	40.95 -0.08 0.00	38.90 -0.08 0.00	37.52 -0.08 0.00	37.26 -0.07 0.00	39.69 -0.04 0.00	42.81 -0.22 0.00	59.96 -0.24 0.00	75.02 -0.15 0.00	62.30 -0.12 0.00	44.87 -0.14 0.00	37.40 -0.07 0.00	34.59 -0.14 0.00	33.11 -0.20 0.00	29.82 -0.15 0.00	29.18 -0.18 0.00	23.96 0.02 0.00	37.29 -0.26 0.00	45.77 -0.37 0.00	51.64 -0.36 0.00	62.97 -0.44 0.00	53.17 -0.32 0.00	45.93 -0.37 0.00	39.55 -0.36 0.00	35.16 -0.32 0.00
ELEC_TRO_TEK 24086	43.84 2.79 -0.02	41.47 2.49 0.00	39.98 2.37 -0.02	39.57 2.24 0.00	42.00 2.26 0.00	45.79 2.75 -0.02	64.42 4.21 0.00	79.16 3.98 0.00	69.27 2.93 -3.91	50.51 3.24 -2.27	42.45 2.81 -2.17	37.45 2.71 -0.01	36.44 2.50 -0.63	35.56 2.22 -3.37	34.40 2.20 -2.84	44.47 1.44 -19.10	40.60 2.93 -0.12	49.37 3.23 -0.01	55.50 3.48 -0.02	68.05 4.63 -0.02	57.19 3.69 -0.02	49.51 3.19 -0.02	42.90 2.87 -0.12	37.87 2.38 -0.02
ELLENBURG_WT_PWR 323604	40.05 -0.99 0.00	38.00 -0.97 0.00	36.80 -0.79 0.00	36.73 -0.60 0.00	39.37 -0.36 0.00	42.85 -0.17 0.00	59.72 -0.48 0.00	74.73 -0.45 0.00	62.34 0.06 0.14	45.23 0.23 0.00	37.74 0.26 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.06 0.09 0.00	29.48 0.12 0.00	24.00 0.07 0.00	37.78 0.23 0.00	46.41 0.28 0.00	52.06 0.05 0.00	63.09 -0.32 0.00	53.27 -0.21 0.00	46.67 0.37 0.00	40.15 0.24 0.00	35.58 0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.70 -2.34 0.00	36.87 -2.10 0.00	35.53 -2.07 0.00	35.31 -2.02 0.00	37.63 -2.11 0.00	38.89 -4.13 0.00	53.10 -7.10 0.00	67.13 -8.04 0.00	55.61 -6.30 0.51	40.95 -3.87 0.18	34.51 -2.96 0.00	31.64 -3.09 0.00	30.25 -3.06 0.00	27.30 -2.67 0.00	26.51 -2.85 0.00	20.04 -1.24 2.65	33.31 -4.24 0.00	36.44 -5.58 4.12	45.86 -6.14 0.01	52.59 -7.67 3.15	47.35 -6.10 0.04	35.80 -5.60 4.90	35.20 -4.71 0.00	31.72 -3.76 0.00
EMPIRE_CC_1 323656	41.57 0.53 0.00	39.64 0.66 0.00	38.08 0.49 0.00	37.89 0.56 0.00	40.13 0.40 0.00	43.41 0.39 0.00	61.59 1.39 0.00	76.45 1.28 0.00	65.28 0.94 -1.91	46.70 0.58 -1.11	38.77 0.23 -1.07	35.04 0.31 0.00	34.28 0.67 -0.30	32.17 0.54 -1.66	31.23 0.47 -1.40	33.51 0.14 -9.43	38.46 0.90 0.00	47.01 0.87 0.00	52.63 0.63 0.00	64.80 1.39 0.00	54.24 0.75 0.00	47.18 0.88 0.00	40.87 0.96 0.00	36.51 1.03 0.00
EMPIRE_CC_2 323658	41.57 0.53 0.00	39.64 0.66 0.00	38.08 0.49 0.00	37.89 0.56 0.00	40.13 0.40 0.00	43.41 0.39 0.00	61.59 1.39 0.00	76.45 1.28 0.00	65.28 0.94 -1.91	46.70 0.58 -1.11	38.77 0.23 -1.07	35.04 0.31 0.00	34.28 0.67 -0.30	32.17 0.54 -1.66	31.23 0.47 -1.40	33.51 0.14 -9.43	38.46 0.90 0.00	47.01 0.87 0.00	52.63 0.63 0.00	64.80 1.39 0.00	54.24 0.75 0.00	47.18 0.88 0.00	40.87 0.96 0.00	36.51 1.03 0.00
ENORWICH_115KV_TB1 80156	43.17 2.13 0.00	41.16 2.18 0.00	39.70 2.11 0.00	39.50 2.17 0.00	42.24 2.50 0.00	45.65 2.62 0.00	64.66 4.46 0.00	81.49 6.31 0.00	65.53 4.37 1.26	46.61 2.34 0.73	38.34 1.57 0.71	35.95 1.22 0.00	34.04 0.93 0.20	29.65 0.78 1.10	29.20 0.76 0.92	17.73 0.86 7.07	38.98 1.43 0.00	48.35 2.21 0.00	54.86 2.86 0.00	67.03 3.61 0.00	56.38 2.89 0.00	48.39 2.08 0.00	41.31 1.40 0.00	36.58 1.10 0.00
ERIE_ST__34_KV_TB1-2 80199	38.98 -2.05 0.00	37.14 -1.83 0.00	35.79 -1.80 0.00	35.58 -1.75 0.00	37.94 -1.79 0.00	39.11 -3.92 0.00	53.58 -6.62 0.00	67.58 -7.59 0.00	55.92 -5.99 0.51	41.18 -3.65 0.18	34.70 -2.77 0.00	31.78 -2.95 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.66 -2.70 0.00	19.93 -1.27 2.73	33.31 -4.24 0.00	36.77 -5.54 3.83	45.96 -6.03 0.01	53.15 -7.23 3.03	47.57 -5.88 0.03	36.63 -4.95 4.72	35.20 -4.71 0.00	31.72 -3.76 0.00
ERIE_WT_PWR 323693	38.90 -2.14 0.00	37.07 -1.91 0.00	36.32 -1.28 0.00	35.54 -1.79 0.00	37.83 -1.91 0.00	39.67 -3.36 0.00	54.31 -5.90 0.00	68.71 -6.47 0.00	56.35 -5.56 0.52	41.18 -3.64 0.18	34.62 -2.85 0.00	31.78 -2.95 0.00	30.41 -2.90 0.00	27.45 0.00 0.00	26.72 -2.64 0.00	20.06 -1.17 2.70	33.42 -4.13 0.00	36.72 -5.44 3.97	46.07 -5.93 0.01	52.96 -7.35 3.10	47.35 -6.10 0.04	35.97 -5.51 4.82	35.24 -4.67 0.00	31.79 -3.69 0.00
ESPRGFLD_115KV_TB1 80157	42.35 1.31 0.00	40.22 1.25 0.00	38.76 1.17 0.00	38.49 1.16 0.00	41.00 1.27 0.00	44.61 1.59 0.00	63.09 2.89 0.00	78.86 3.68 0.00	64.55 2.12 0.00	45.90 0.90 0.00	38.00 0.52 0.00	35.18 0.45 0.00	33.68 0.37 0.00	30.21 0.24 0.00	29.68 0.32 0.00	24.24 0.31 0.00	38.23 0.68 0.00	47.47 1.34 0.00	53.93 1.92 0.00	66.20 2.79 0.00	55.63 2.14 0.00	47.97 1.67 0.00	41.27 1.36 0.00	36.58 1.10 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.82 0.78 0.00	39.72 0.74 0.00	38.27 0.68 0.00	38.04 0.71 0.00	40.61 0.87 0.00	43.71 0.69 0.00	61.35 1.14 0.00	76.90 1.73 0.00	62.87 1.19 0.74	45.25 0.68 0.43	37.58 0.52 0.41	35.04 0.31 0.00	33.39 0.20 0.12	29.51 0.18 0.64	29.00 0.18 0.54	20.44 0.34 3.83	37.78 0.23 0.00	47.02 0.42 -0.47	52.68 0.68 0.00	64.56 0.89 -0.27	54.30 0.80 -0.01	47.27 0.56 -0.42	40.23 0.32 0.00	35.76 0.28 0.00
ETNA_____115KV_TB2 80207	41.82 0.78 0.00	39.72 0.74 0.00	38.27 0.68 0.00	38.04 0.71 0.00	40.61 0.87 0.00	43.71 0.69 0.00	61.35 1.14 0.00	76.90 1.73 0.00	62.87 1.19 0.74	45.25 0.68 0.43	37.58 0.52 0.41	35.04 0.31 0.00	33.39 0.20 0.12	29.51 0.18 0.64	29.00 0.18 0.54	20.44 0.34 3.83	37.78 0.23 0.00	47.02 0.42 -0.47	52.68 0.68 0.00	64.56 0.89 -0.27	54.30 0.80 -0.01	47.27 0.56 -0.42	40.23 0.32 0.00	35.76 0.28 0.00
EUCLID___115KV_TB2 356179	40.67 -0.37 0.00	38.62 -0.35 0.00	37.26 -0.34 0.00	36.99 -0.34 0.00	39.41 -0.32 0.00	42.51 -0.52 0.00	59.48 -0.72 0.00	74.50 -0.68 0.00	61.93 -0.56 -0.07	44.60 -0.41 0.00	37.17 -0.30 0.00	34.38 -0.35 0.00	32.98 -0.33 0.00	29.70 -0.27 0.00	29.07 -0.29 0.00	23.84 -0.10 0.00	37.10 -0.45 0.00	45.54 -0.60 0.00	51.33 -0.68 0.00	62.59 -0.82 0.00	52.79 -0.70 0.00	45.61 -0.69 0.00	39.31 -0.60 0.00	34.95 -0.53 0.00
E_CANADA_CAP_HY 24051	42.39 1.35 0.00	40.22 1.25 0.00	38.76 1.17 0.00	38.52 1.19 0.00	41.00 1.27 0.00	44.75 1.72 0.00	63.45 3.25 0.00	79.16 3.98 0.00	64.17 1.75 0.00	45.32 0.32 0.00	37.36 -0.11 0.00	34.59 -0.14 0.00	33.21 -0.10 0.00	29.73 -0.24 0.00	29.30 -0.06 0.00	23.88 -0.05 0.00	37.85 0.30 0.00	47.29 1.15 0.00	54.14 2.13 0.00	66.64 3.23 0.00	55.90 2.41 0.00	48.11 1.80 0.00	41.55 1.64 0.00	36.79 1.31 0.00
E_CANADA_MHWK_HY 24050	41.45 0.41 0.00	39.40 0.43 0.00	38.08 0.49 0.00	37.85 0.52 0.00	40.37 0.63 0.00	43.80 0.78 0.00	61.53 1.32 0.00	76.98 1.80 0.00	63.90 1.37 -0.10	45.86 0.85 0.00	38.15 0.68 0.00	35.32 0.59 0.00	33.84 0.53 0.00	30.39 0.42 0.00	29.74 0.38 0.00	24.24 0.31 0.00	38.08 0.53 0.00	46.83 0.69 0.00	52.73 0.73 0.00	64.36 0.95 0.00	54.18 0.69 0.00	46.81 0.51 0.00	40.31 0.40 0.00	35.80 0.32 0.00
E_FISHKILL___LBMP 23776	42.72 1.68 0.00	40.46 1.48 0.00	38.95 1.35 0.00	38.60 1.27 0.00	40.92 1.19 0.00	44.66 1.63 0.00	63.03 2.83 0.00	78.48 3.31 0.00	67.60 2.56 -2.62	48.55 2.03 -1.52	40.62 1.69 -1.46	36.33 1.60 0.00	35.29 1.57 -0.42	33.62 1.38 -2.27	32.65 1.38 -1.91	37.64 0.81 -12.89	39.43 1.88 0.00	48.49 2.35 0.00	54.19 2.18 0.00	66.45 3.04 0.00	55.89 2.41 0.00	48.39 2.08 0.00	41.79 1.88 0.00	36.97 1.49 0.00
FALCON___SEABRD_CC1 323796	40.50 -0.53 0.00	38.43 -0.55 0.00	37.25 -0.34 0.00	37.18 -0.15 0.00	39.89 0.16 0.00	43.41 0.39 0.00	60.51 0.30 0.00	75.70 0.53 0.00	63.26 0.94 0.10	45.86 0.85 0.00	38.22 0.75 0.00	35.39 0.66 0.00	33.88 0.57 0.00	30.45 0.48 0.00	29.86 0.50 0.00	24.31 0.38 0.00	38.27 0.71 0.00	47.06 0.92 0.00	52.73 0.73 0.00	63.86 0.45 0.00	53.97 0.48 0.00	47.37 1.07 0.00	40.67 0.76 0.00	36.01 0.53 0.00
FALCON___SEABRD_CC2 323797	40.50 -0.53 0.00	38.43 -0.55 0.00	37.25 -0.34 0.00	37.18 -0.15 0.00	39.89 0.16 0.00	43.41 0.39 0.00	60.51 0.30 0.00	75.70 0.53 0.00	63.26 0.94 0.10	45.86 0.85 0.00	38.22 0.75 0.00	35.39 0.66 0.00	33.88 0.57 0.00	30.45 0.48 0.00	29.86 0.50 0.00	24.31 0.38 0.00	38.27 0.71 0.00	47.06 0.92 0.00	52.73 0.73 0.00	63.86 0.45 0.00	53.97 0.48 0.00	47.37 1.07 0.00	40.67 0.76 0.00	36.01 0.53 0.00

FAR ROCKAWAY___4 23548	44.29 3.24 -0.02	41.94 2.96 0.00	40.39 2.78 -0.02	39.98 2.65 0.00	42.43 2.70 0.00	46.22 3.18 -0.02	65.20 5.00 0.00	80.06 4.89 0.00	70.01 3.68 -3.91	51.01 3.74 -2.27	42.90 3.26 -2.17	37.86 3.13 -0.01	36.81 2.86 -0.63	35.89 2.55 -3.37	34.73 2.52 -2.84	44.76 1.72 -19.10	40.98 3.30 -0.12	49.88 3.74 -0.01	56.23 4.21 -0.02	68.94 5.52 -0.02	57.94 4.44 -0.02	50.12 3.80 -0.02	43.39 3.35 -0.12	38.30 2.80 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.33 2.30 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.26 2.24 0.00	63.94 3.73 0.00	79.83 4.66 0.00	70.08 3.75 -3.91	50.34 3.06 -2.27	42.23 2.59 -2.17	37.14 2.40 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.22 2.03 -2.83	44.36 1.29 -19.13	40.30 2.74 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.66 4.25 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.54 2.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.33 2.30 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.26 2.24 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.08 3.75 -3.91	50.34 3.06 -2.27	42.27 2.62 -2.17	37.14 2.40 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.22 2.03 -2.83	44.36 1.29 -19.13	40.30 2.74 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.72 4.31 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.54 2.06 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	38.97 1.64 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.94 3.73 0.00	79.76 4.59 0.00	70.08 3.75 -3.91	50.34 3.06 -2.27	42.23 2.59 -2.17	37.14 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.19 2.00 -2.83	44.36 1.29 -19.13	40.30 2.74 0.00	49.65 3.51 -0.01	55.23 3.22 0.00	67.66 4.25 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.50 2.59 0.00	37.50 2.02 0.00
FARRAGUT___LBMP 323566	43.29 2.26 0.00	40.92 1.95 0.00	39.40 1.80 0.00	38.97 1.64 0.00	41.36 1.63 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	70.02 3.68 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.34 2.01 -3.36	34.19 2.00 -2.83	44.33 1.27 -19.13	40.26 2.70 0.00	49.60 3.46 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.46 2.55 0.00	37.50 2.02 0.00
FENNER___WINDPWR 24204	41.69 0.65 0.00	39.64 0.66 0.00	38.23 0.64 0.00	37.96 0.63 0.00	40.49 0.75 0.00	43.80 0.78 0.00	61.59 1.39 0.00	77.20 2.03 0.00	63.56 1.37 0.24	45.59 0.72 0.13	38.04 0.56 0.00	35.15 0.42 0.00	33.64 0.33 0.00	30.27 0.30 0.00	29.65 0.29 0.00	24.29 0.36 0.00	38.04 0.49 0.00	46.83 0.69 0.00	52.94 0.94 0.00	64.68 1.27 0.00	54.50 1.01 0.00	47.04 0.74 0.00	40.39 0.48 0.00	35.87 0.39 0.00
FIBERTEK___ENERGY 23856	41.16 0.12 0.00	39.13 0.16 0.00	37.71 0.11 0.00	37.44 0.11 0.00	39.93 0.20 0.00	43.02 0.00 0.00	60.33 0.12 0.00	75.55 0.38 0.00	62.81 0.31 -0.07	45.14 0.14 0.00	37.66 0.19 0.00	34.80 0.07 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	24.10 0.17 0.00	37.52 -0.04 0.00	46.09 -0.05 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.21 -0.09 0.00	39.79 -0.12 0.00	35.37 -0.11 0.00
FITZPATRICK___ 23598	40.13 -0.90 0.00	38.15 -0.82 0.00	36.84 -0.75 0.00	36.54 -0.79 0.00	38.90 -0.84 0.00	42.04 -0.99 0.00	58.82 -1.38 0.00	73.59 -1.58 0.00	61.11 -1.31 0.00	44.01 -0.99 0.00	36.68 -0.79 0.00	33.97 -0.76 0.00	32.54 -0.76 0.00	29.31 -0.66 0.00	28.71 -0.65 0.00	23.53 -0.41 0.00	36.65 -0.90 0.00	44.98 -1.15 0.00	50.76 -1.25 0.00	61.83 -1.58 0.00	52.15 -1.34 0.00	45.10 -1.20 0.00	38.87 -1.04 0.00	34.56 -0.92 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.38 2.34 0.00	41.08 2.10 0.00	39.55 1.95 0.00	39.20 1.87 0.00	41.56 1.83 0.00	45.39 2.37 0.00	64.24 4.03 0.00	79.76 4.59 0.00	68.29 3.56 -2.31	48.77 2.43 -1.34	40.67 1.91 -1.29	36.47 1.74 0.00	35.41 1.73 -0.37	33.47 1.50 -2.00	32.57 1.53 -1.69	36.12 0.98 -11.21	39.73 2.18 0.00	49.09 2.95 0.00	54.86 2.86 0.00	67.40 3.99 0.00	56.64 3.16 0.00	48.99 2.69 0.00	42.23 2.31 0.00	37.39 1.92 0.00
FORT ORANGE___ 23900	41.86 0.82 0.00	39.75 0.78 0.00	38.23 0.64 0.00	38.04 0.71 0.00	40.33 0.60 0.00	43.71 0.69 0.00	61.71 1.51 0.00	76.68 1.50 0.00	64.72 1.18 -1.11	46.32 0.68 -0.64	38.43 0.34 -0.62	35.11 0.38 0.00	34.02 0.53 -0.18	31.35 0.42 -0.96	30.58 0.41 -0.81	29.59 0.21 -5.44	38.31 0.75 0.00	47.06 0.92 0.00	52.89 0.88 0.00	64.93 1.52 0.00	54.50 1.01 0.00	47.18 0.88 0.00	40.87 0.96 0.00	36.37 0.89 0.00
FORT_DRUM_COGEN 23780	40.83 -0.21 0.00	38.94 -0.04 0.00	37.59 0.00 0.00	37.41 0.07 0.00	40.17 0.44 0.00	43.71 0.69 0.00	61.89 1.69 0.00	77.96 2.78 0.00	65.20 1.87 -0.90	45.23 0.23 0.00	37.25 -0.22 0.00	34.31 -0.42 0.00	32.74 -0.57 0.00	29.40 -0.57 0.00	28.86 -0.50 0.00	23.79 -0.14 0.00	37.59 0.04 0.00	46.69 0.55 0.00	53.20 1.20 0.00	65.25 1.84 0.00	54.88 1.39 0.00	47.41 1.11 0.00	40.19 0.28 0.00	35.37 -0.11 0.00
FOX_HILLS___ESR 323835	30.44 2.75 13.35	30.40 2.42 10.99	30.37 2.14 9.36	30.37 2.05 9.01	30.41 2.10 11.42	30.43 2.58 15.18	47.25 4.15 17.10	54.78 4.51 24.91	36.29 3.31 29.44	29.77 2.92 18.16	29.56 2.47 10.39	27.21 2.26 9.78	26.08 2.13 9.36	25.35 1.86 6.48	25.09 1.88 6.15	26.58 1.17 -1.48	29.77 2.63 10.41	29.96 3.55 19.73	45.31 3.28 9.97	53.72 4.25 13.93	47.07 3.69 10.10	46.22 3.34 3.42	30.55 2.95 12.32	31.35 2.41 6.54
FPL_FAR_ROCK_GT1 24212	44.29 3.24 -0.02	41.94 2.96 0.00	40.28 2.67 -0.02	39.94 2.61 0.00	42.35 2.62 0.00	46.14 3.10 -0.02	65.26 5.06 0.00	79.91 4.74 0.00	70.08 3.75 -3.91	51.01 3.73 -2.27	42.94 3.30 -2.17	37.86 3.13 -0.01	36.81 2.87 -0.63	35.89 2.55 -3.37	34.73 2.53 -2.84	44.76 1.72 -19.10	40.98 3.31 -0.12	49.88 3.74 -0.01	56.23 4.21 -0.02	68.94 5.51 -0.02	58.10 4.60 -0.02	50.12 3.80 -0.02	43.39 3.35 -0.12	38.30 2.80 -0.02
FPL_FAR_ROCK_GT2 23815	44.29 3.24 -0.02	41.94 2.96 0.00	40.28 2.67 -0.02	39.94 2.61 0.00	42.35 2.62 0.00	46.14 3.10 -0.02	65.26 5.06 0.00	79.91 4.74 0.00	70.08 3.75 -3.91	51.01 3.73 -2.27	42.94 3.30 -2.17	37.86 3.13 -0.01	36.81 2.87 -0.63	35.89 2.55 -3.37	34.73 2.53 -2.84	44.76 1.72 -19.10	40.98 3.31 -0.12	49.88 3.74 -0.01	56.23 4.21 -0.02	68.94 5.51 -0.02	58.10 4.60 -0.02	50.12 3.80 -0.02	43.39 3.35 -0.12	38.30 2.80 -0.02
FRANKLIN_FALL_HYD 24054	40.46 -0.57 0.00	38.31 -0.66 0.00	37.11 -0.49 0.00	37.03 -0.30 0.00	39.73 0.00 0.00	43.28 0.26 0.00	60.45 0.24 0.00	75.63 0.45 0.00	64.23 0.75 -1.06	45.68 0.68 0.00	38.00 0.52 0.00	35.11 0.38 0.00	33.61 0.30 0.00	30.18 0.21 0.00	29.60 0.23 0.00	24.12 0.19 0.00	38.04 0.49 0.00	46.87 0.74 0.00	52.73 0.73 0.00	63.54 0.13 0.00	54.02 0.53 0.00	47.32 1.02 0.00	40.55 0.64 0.00	35.80 0.32 0.00

FREEPORT_EQUS_GT1 23764	44.13 3.08 -0.01	41.78 2.81 0.00	40.12 2.52 -0.01	39.83 2.50 0.00	42.24 2.50 0.00	46.04 3.01 -0.01	64.90 4.70 0.00	79.38 4.21 0.00	69.64 3.31 -3.91	50.83 3.55 -2.27	42.79 3.15 -2.17	37.72 2.99 -0.01	36.67 2.73 -0.63	35.76 2.43 -3.37	34.63 2.44 -2.84	44.64 1.60 -19.10	40.88 3.23 -0.09	49.69 3.55 -0.01	55.97 3.95 -0.01	68.62 5.20 -0.01	57.83 4.33 -0.01	49.93 3.61 -0.01	43.27 3.27 -0.09	38.22 2.73 -0.01
FREEPORT___CT2 23818	44.13 3.08 -0.01	41.78 2.81 0.00	40.12 2.52 -0.01	39.83 2.50 0.00	42.24 2.50 0.00	46.04 3.01 -0.01	64.90 4.70 0.00	79.38 4.21 0.00	69.64 3.31 -3.91	50.83 3.55 -2.27	42.79 3.15 -2.17	37.72 2.99 -0.01	36.67 2.73 -0.63	35.76 2.43 -3.37	34.63 2.44 -2.84	44.64 1.60 -19.10	40.88 3.23 -0.09	49.69 3.55 -0.01	55.97 3.95 -0.01	68.62 5.20 -0.01	57.83 4.33 -0.01	49.93 3.61 -0.01	43.27 3.27 -0.09	38.22 2.73 -0.01
FRESHKLS_33_KV_LOAD 356253	30.48 2.79 13.35	30.44 2.46 10.99	30.49 2.26 9.36	30.45 2.13 9.01	30.46 2.15 11.42	30.56 2.71 15.18	47.31 4.21 17.10	55.08 4.81 24.91	36.42 3.43 29.44	29.77 2.93 18.16	29.52 2.44 10.39	27.18 2.22 9.78	26.01 2.07 9.36	25.32 1.83 6.48	25.03 1.82 6.15	26.56 1.15 -1.48	29.73 2.59 10.41	29.91 3.51 19.73	45.31 3.28 9.97	53.79 4.31 13.93	46.91 3.53 10.10	46.26 3.38 3.42	30.59 2.99 12.32	31.35 2.41 6.54
FULTON COGEN____ 23766	40.50 -0.53 0.00	38.47 -0.51 0.00	37.11 -0.49 0.00	36.85 -0.49 0.00	39.30 -0.44 0.00	42.38 -0.65 0.00	59.36 -0.84 0.00	74.35 -0.83 0.00	61.86 -0.69 -0.12	44.42 -0.59 0.00	37.02 -0.45 0.00	34.24 -0.49 0.00	32.81 -0.50 0.00	29.55 -0.42 0.00	28.92 -0.44 0.00	23.72 -0.22 0.00	36.95 -0.60 0.00	45.40 -0.74 0.00	51.17 -0.83 0.00	62.46 -0.95 0.00	52.68 -0.80 0.00	45.52 -0.79 0.00	39.19 -0.72 0.00	34.84 -0.64 0.00
FULTON___LFGE 323630	42.76 1.72 0.00	40.57 1.60 0.00	39.10 1.51 0.00	38.90 1.57 0.00	41.36 1.63 0.00	45.09 2.07 0.00	63.94 3.73 0.00	79.68 4.51 0.00	65.08 2.12 -0.53	45.69 0.50 -0.19	37.47 0.00 0.00	34.73 0.00 0.00	33.38 0.07 0.00	29.91 -0.06 0.00	29.42 0.06 0.00	26.60 0.07 -2.60	38.08 0.53 0.00	47.61 1.48 0.00	54.50 2.50 0.00	67.15 3.74 0.00	56.32 2.83 0.00	48.48 2.18 0.00	41.83 1.92 0.00	37.04 1.56 0.00
G.F.CEMENT___DRP 24184	41.69 0.66 0.00	39.60 0.62 0.00	38.23 0.64 0.00	37.97 0.63 0.00	40.29 0.56 0.00	43.93 0.90 0.00	62.19 1.99 0.00	77.81 2.63 0.00	65.00 1.62 -0.95	46.10 0.54 -0.56	38.16 0.15 -0.53	34.84 0.10 0.00	33.69 0.23 -0.15	30.95 0.15 -0.83	30.21 0.15 -0.70	28.66 0.02 -4.70	38.04 0.49 0.00	46.97 0.83 0.00	53.20 1.20 0.00	65.44 2.03 0.00	54.72 1.23 0.00	47.28 0.97 0.00	40.87 0.96 0.00	36.29 0.82 0.00
GARDENVILLE___LBMP 24039	38.78 -2.26 0.00	36.95 -2.03 0.00	35.60 -1.99 0.00	35.39 -1.94 0.00	37.75 -1.99 0.00	38.98 -4.04 0.00	53.34 -6.86 0.00	67.43 -7.74 0.00	55.79 -6.12 0.52	41.04 -3.78 0.18	34.59 -2.89 0.00	31.71 -3.02 0.00	30.31 -3.00 0.00	27.36 -2.61 0.00	26.57 -2.79 0.00	20.02 -1.22 2.69	33.35 -4.21 0.00	36.34 -5.49 4.31	45.96 -6.03 0.01	52.67 -7.48 3.25	47.46 -5.99 0.04	35.77 -5.46 5.06	35.24 -4.67 0.00	31.75 -3.73 0.00
GARDNVLA_35_KV_LD 355827	38.98 -2.05 0.00	37.10 -1.87 0.00	35.75 -1.84 0.00	35.54 -1.79 0.00	37.90 -1.83 0.00	39.11 -3.92 0.00	53.52 -6.68 0.00	67.73 -7.44 0.00	56.10 -5.81 0.52	41.27 -3.56 0.18	34.77 -2.70 0.00	31.88 -2.85 0.00	30.51 -2.80 0.00	27.51 -2.46 0.00	26.72 -2.64 0.00	20.15 -1.08 2.70	33.50 -4.06 0.00	36.92 -5.31 3.91	46.17 -5.82 0.01	53.11 -7.23 3.07	47.62 -5.83 0.04	36.25 -5.28 4.78	35.36 -4.55 0.00	31.86 -3.62 0.00
GELCKHM___115KV_LOAD 80723	40.83 -0.21 0.00	38.78 -0.19 0.00	37.41 -0.19 0.00	37.14 -0.19 0.00	39.57 -0.16 0.00	42.68 -0.34 0.00	59.78 -0.42 0.00	74.87 -0.30 0.00	62.18 -0.25 0.00	44.78 -0.23 0.00	37.36 -0.11 0.00	34.56 -0.17 0.00	33.11 -0.20 0.00	29.82 -0.15 0.00	29.18 -0.18 0.00	23.93 0.00 0.00	37.25 -0.30 0.00	45.72 -0.42 0.00	51.59 -0.42 0.00	62.90 -0.51 0.00	53.06 -0.43 0.00	45.84 -0.46 0.00	39.47 -0.44 0.00	35.09 -0.39 0.00
GENERAL___MILLS 23808	38.90 -2.13 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.50 -1.83 0.00	37.83 -1.91 0.00	39.02 -4.00 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	55.92 -5.99 0.52	41.13 -3.69 0.18	34.66 -2.81 0.00	31.78 -2.95 0.00	30.38 -2.93 0.00	27.42 -2.55 0.00	26.66 -2.70 0.00	20.06 -1.17 2.70	33.39 -4.17 0.00	36.72 -5.44 3.97	46.01 -5.98 0.01	52.95 -7.36 3.10	47.51 -5.94 0.04	36.11 -5.37 4.82	35.28 -4.63 0.00	31.79 -3.69 0.00
GE_PLASTICS___DRP 24183	41.65 0.62 0.00	39.60 0.62 0.00	38.16 0.56 0.00	37.85 0.52 0.00	40.13 0.40 0.00	43.58 0.56 0.00	61.23 1.02 0.00	76.23 1.05 0.00	64.25 0.81 -1.01	46.13 0.54 -0.59	38.34 0.30 -0.57	35.11 0.38 0.00	33.94 0.47 -0.16	31.24 0.39 -0.88	30.48 0.38 -0.74	29.09 0.17 -4.99	38.16 0.60 0.00	46.83 0.69 0.00	52.58 0.57 0.00	64.42 1.01 0.00	54.08 0.59 0.00	46.90 0.60 0.00	40.59 0.68 0.00	36.15 0.67 0.00
GILBOA___1 23756	41.86 0.82 0.00	39.75 0.78 0.00	38.23 0.64 0.00	37.96 0.63 0.00	40.33 0.60 0.00	43.71 0.69 0.00	61.29 1.08 0.00	76.15 0.97 0.00	63.23 0.81 0.00	45.77 0.76 0.00	38.07 0.60 0.00	35.46 0.73 0.00	34.04 0.73 0.00	30.60 0.63 0.00	29.98 0.62 0.00	24.24 0.31 0.00	38.31 0.75 0.00	47.06 0.92 0.00	52.83 0.83 0.00	64.49 1.08 0.00	54.50 1.01 0.00	47.09 0.79 0.00	40.67 0.76 0.00	36.15 0.67 0.00
GILBOA___2 23757	41.86 0.82 0.00	39.75 0.78 0.00	38.23 0.64 0.00	37.96 0.63 0.00	40.33 0.60 0.00	43.71 0.69 0.00	61.29 1.08 0.00	76.15 0.97 0.00	63.23 0.81 0.00	45.77 0.76 0.00	38.07 0.60 0.00	35.46 0.73 0.00	34.04 0.73 0.00	30.60 0.63 0.00	29.98 0.62 0.00	24.24 0.31 0.00	38.31 0.75 0.00	47.06 0.92 0.00	52.83 0.83 0.00	64.49 1.08 0.00	54.50 1.01 0.00	47.09 0.79 0.00	40.67 0.76 0.00	36.15 0.67 0.00
GILBOA___3 23758	41.86 0.82 0.00	39.75 0.78 0.00	38.23 0.64 0.00	37.96 0.63 0.00	40.33 0.60 0.00	43.71 0.69 0.00	61.29 1.08 0.00	76.15 0.97 0.00	63.23 0.81 0.00	45.77 0.76 0.00	38.07 0.60 0.00	35.46 0.73 0.00	34.04 0.73 0.00	30.60 0.63 0.00	29.98 0.62 0.00	24.24 0.31 0.00	38.31 0.75 0.00	47.06 0.92 0.00	52.83 0.83 0.00	64.49 1.08 0.00	54.50 1.01 0.00	47.09 0.79 0.00	40.67 0.76 0.00	36.15 0.67 0.00
GILBOA___4 23759	41.86 0.82 0.00	39.75 0.78 0.00	38.23 0.64 0.00	37.96 0.63 0.00	40.33 0.60 0.00	43.71 0.69 0.00	61.29 1.08 0.00	76.15 0.97 0.00	63.23 0.81 0.00	45.77 0.76 0.00	38.07 0.60 0.00	35.46 0.73 0.00	34.04 0.73 0.00	30.60 0.63 0.00	29.98 0.62 0.00	24.24 0.31 0.00	38.31 0.75 0.00	47.06 0.92 0.00	52.83 0.83 0.00	64.49 1.08 0.00	54.50 1.01 0.00	47.09 0.79 0.00	40.67 0.76 0.00	36.15 0.67 0.00

GILBOA____ 23599	41.86 0.82 0.00	39.75 0.78 0.00	38.31 0.71 0.00	37.97 0.63 0.00	40.33 0.60 0.00	43.75 0.73 0.00	61.41 1.20 0.00	76.23 1.05 0.00	63.24 0.81 0.00	45.77 0.77 0.00	38.07 0.60 0.00	35.46 0.73 0.00	34.04 0.73 0.00	30.60 0.63 0.00	29.98 0.62 0.00	24.24 0.31 0.00	38.31 0.75 0.00	47.06 0.92 0.00	52.73 0.73 0.00	64.49 1.08 0.00	54.29 0.80 0.00	47.14 0.83 0.00	40.67 0.76 0.00	36.15 0.67 0.00
GINNA____ 23603	39.11 -1.93 0.00	37.14 -1.83 0.00	36.13 -1.47 0.00	35.65 -1.68 0.00	38.03 -1.71 0.00	40.87 -2.15 0.00	56.89 -3.31 0.00	71.64 -3.53 0.00	59.38 -2.68 0.36	42.76 -2.11 0.13	35.79 -1.69 0.00	32.96 -1.77 0.00	31.54 -1.77 0.00	28.35 -1.62 0.00	27.72 -1.64 0.00	23.05 -0.89 0.00	35.34 -2.22 0.00	44.07 -2.91 -0.84	48.94 -3.07 0.00	59.85 -4.19 -0.63	50.28 -3.21 0.00	44.23 -3.06 -0.99	37.28 -2.64 0.00	33.24 -2.23 0.00
GLEN PARK____ 23778	40.91 -0.12 0.00	39.05 0.08 0.00	37.71 0.11 0.00	37.48 0.15 0.00	40.29 0.56 0.00	43.84 0.82 0.00	62.13 1.93 0.00	78.26 3.08 0.00	65.25 1.94 -0.89	45.23 0.23 0.00	37.21 -0.26 0.00	34.28 -0.45 0.00	32.71 -0.60 0.00	29.34 -0.63 0.00	28.83 -0.53 0.00	23.77 -0.17 0.00	37.59 0.04 0.00	46.73 0.60 0.00	53.30 1.30 0.00	65.57 2.16 0.00	54.98 1.50 0.00	47.50 1.20 0.00	40.27 0.36 0.00	35.44 -0.04 0.00
GLENDALE_27_KV_LOAD 356172	43.67 2.63 -0.01	41.32 2.34 -0.01	39.74 2.14 -0.01	39.32 1.98 -0.01	41.77 2.03 -0.01	45.61 2.58 -0.01	64.30 4.09 0.00	80.21 5.04 0.00	70.33 4.00 -3.91	50.61 3.33 -2.27	42.49 2.85 -2.17	37.34 2.60 -0.01	36.39 2.46 -0.62	35.52 2.19 -3.36	34.36 2.17 -2.83	44.47 1.41 -19.12	40.48 2.93 0.00	49.97 3.83 -0.01	55.59 3.59 0.00	68.04 4.63 0.00	57.28 3.80 0.00	49.78 3.47 -0.01	42.87 2.95 -0.01	37.83 2.34 -0.01
GLENWOOD_IC_1_G5 23712	43.80 2.75 -0.01	41.43 2.46 0.00	39.90 2.29 -0.01	39.50 2.17 0.00	41.92 2.19 0.00	45.75 2.71 -0.01	64.12 3.91 0.00	79.23 4.06 0.00	69.39 3.06 -3.91	50.29 3.02 -2.27	42.26 2.62 -2.17	37.24 2.50 -0.01	36.47 2.53 -0.63	35.59 2.25 -3.37	34.43 2.23 -2.84	44.52 1.48 -19.10	40.67 3.00 -0.11	49.65 3.51 -0.01	55.50 3.48 -0.01	67.80 4.38 -0.01	57.19 3.69 -0.01	49.65 3.33 -0.01	42.97 2.95 -0.11	37.90 2.41 -0.01
GLENWOOD_IC_2_G1 23688	43.46 2.42 0.00	41.16 2.18 0.00	39.51 1.92 0.00	39.20 1.87 0.00	41.60 1.87 0.00	45.35 2.32 0.00	64.06 3.86 0.00	79.08 3.91 0.00	69.51 3.18 -3.91	50.24 2.97 -2.27	42.22 2.58 -2.17	37.13 2.39 -0.01	36.19 2.27 -0.62	35.33 2.01 -3.36	34.18 2.00 -2.83	44.32 1.29 -19.10	40.27 2.71 -0.01	49.37 3.23 -0.01	55.23 3.23 0.00	67.72 4.31 0.00	57.13 3.64 0.00	49.31 3.01 0.00	42.59 2.67 -0.01	37.64 2.16 0.00
GLENWOOD_IC_3_G1 23689	43.46 2.42 0.00	41.16 2.18 0.00	39.51 1.92 0.00	39.20 1.87 0.00	41.60 1.87 0.00	45.35 2.32 0.00	64.06 3.86 0.00	79.08 3.91 0.00	69.51 3.18 -3.91	50.24 2.97 -2.27	42.22 2.58 -2.17	37.13 2.39 -0.01	36.19 2.27 -0.62	35.33 2.01 -3.36	34.18 2.00 -2.83	44.32 1.29 -19.10	40.27 2.71 -0.01	49.37 3.23 -0.01	55.23 3.23 0.00	67.72 4.31 0.00	57.13 3.64 0.00	49.31 3.01 0.00	42.59 2.67 -0.01	37.64 2.16 0.00
GLENWOOD___4 23550	43.80 2.75 -0.01	41.43 2.46 0.00	39.90 2.29 -0.01	39.50 2.17 0.00	41.92 2.19 0.00	45.75 2.71 -0.01	64.24 4.03 0.00	79.38 4.21 0.00	69.52 3.18 -3.91	50.42 3.15 -2.27	42.34 2.70 -2.17	37.31 2.57 -0.01	36.47 2.53 -0.63	35.59 2.25 -3.37	34.43 2.23 -2.84	44.52 1.48 -19.10	40.67 3.00 -0.11	49.65 3.51 -0.01	55.55 3.54 -0.01	67.93 4.50 -0.01	57.25 3.74 -0.01	49.65 3.33 -0.01	42.97 2.95 -0.11	37.90 2.41 -0.01
GLENWOOD___5 23614	43.80 2.75 -0.01	41.43 2.46 0.00	39.90 2.29 -0.01	39.50 2.17 0.00	41.92 2.19 0.00	45.75 2.71 -0.01	64.24 4.03 0.00	79.38 4.21 0.00	69.52 3.18 -3.91	50.42 3.15 -2.27	42.34 2.70 -2.17	37.31 2.57 -0.01	36.47 2.53 -0.63	35.59 2.25 -3.37	34.43 2.23 -2.84	44.52 1.48 -19.10	40.67 3.00 -0.11	49.65 3.51 -0.01	55.55 3.54 -0.01	67.93 4.50 -0.01	57.25 3.74 -0.01	49.65 3.33 -0.01	42.97 2.95 -0.11	37.90 2.41 -0.01
GLOBAL GREEN_PORT_GT1 23814	45.02 3.98 -0.01	42.68 3.70 0.00	41.10 3.50 -0.01	40.88 3.55 0.00	43.59 3.85 0.00	47.89 4.86 -0.01	69.19 7.46 -1.52	85.43 6.32 -3.94	73.66 5.12 -6.11	52.72 5.44 -2.27	44.36 4.72 -2.17	39.08 4.34 -0.01	37.66 3.73 -0.62	36.60 3.27 -3.37	35.51 3.32 -2.83	44.95 1.92 -19.10	41.87 4.24 -0.07	51.17 4.57 -0.46	58.33 4.73 -1.60	73.53 6.22 -3.91	60.84 5.30 -2.06	51.29 4.49 -0.50	43.97 3.99 -0.07	38.64 3.16 -0.01
GLOBE___DSASP 323697	38.16 -2.87 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.90 -2.43 0.00	37.11 -2.62 0.00	38.38 -4.65 0.00	52.08 -8.13 0.00	65.78 -9.40 0.00	54.76 -7.18 0.48	40.29 -4.55 0.17	33.99 -3.48 0.00	31.15 -3.58 0.00	29.81 -3.50 0.00	26.88 -3.09 0.00	26.16 -3.20 0.00	19.93 -1.51 2.49	32.86 -4.69 0.00	36.42 -6.14 3.58	45.23 -6.76 0.01	51.99 -8.56 2.86	46.72 -6.74 0.03	35.61 -6.25 4.44	34.88 -5.03 0.00	31.47 -4.01 0.00
GOETHSLN___LBMP 323567	29.73 2.05 13.36	29.73 1.75 11.00	29.84 1.62 9.37	29.77 1.46 9.02	29.77 1.47 11.43	29.82 1.98 15.18	46.53 3.43 17.10	54.55 4.28 24.91	36.48 3.50 29.44	29.73 2.88 18.16	29.56 2.47 10.39	27.25 2.29 9.78	26.11 2.17 9.36	25.41 1.92 6.48	25.12 1.91 6.15	26.61 1.20 -1.48	29.73 2.59 10.41	29.73 3.32 19.73	45.05 3.02 9.97	53.47 3.99 13.93	46.59 3.21 10.10	45.70 2.82 3.43	30.02 2.43 12.33	30.81 1.88 6.55
GOLAH___69_KV_TB 1_2 80279	40.38 -0.66 0.00	38.39 -0.58 0.00	37.07 -0.53 0.00	36.85 -0.49 0.00	39.34 -0.40 0.00	41.69 -1.33 0.00	57.74 -2.47 0.00	72.62 -2.56 0.00	60.24 -1.81 0.38	43.57 -1.31 0.13	36.54 -0.94 0.00	33.59 -1.15 0.00	32.11 -1.20 0.00	28.89 -1.08 0.00	28.19 -1.17 0.00	23.62 -0.31 0.00	35.72 -1.84 0.00	44.48 -2.31 -0.65	49.67 -2.34 0.00	60.94 -3.04 -0.57	51.29 -2.19 0.00	44.83 -2.36 -0.89	38.07 -1.84 0.00	34.09 -1.38 0.00
GOODYEAR_LAKE_HYD 323669	42.23 1.19 0.00	40.14 1.17 0.00	38.68 1.09 0.00	38.38 1.05 0.00	40.88 1.15 0.00	44.36 1.33 0.00	62.55 2.35 0.00	78.18 3.01 0.00	63.39 2.00 1.04	45.62 1.22 0.60	37.79 0.90 0.58	35.56 0.83 0.00	33.88 0.73 0.17	29.67 0.60 0.90	29.22 0.62 0.76	19.19 0.53 5.27	38.49 0.94 0.00	47.52 1.38 0.00	53.62 1.61 0.00	65.63 2.22 0.00	55.20 1.71 0.00	47.69 1.39 0.00	41.03 1.12 0.00	36.40 0.92 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.24 0.21 0.00	39.17 0.19 0.00	37.74 0.15 0.00	37.48 0.15 0.00	39.93 0.20 0.00	42.94 -0.09 0.00	60.14 -0.06 0.00	74.95 -0.23 0.00	61.06 -0.31 1.05	44.26 -0.14 0.61	36.81 -0.07 0.59	34.56 -0.17 0.00	32.91 -0.23 0.17	28.84 -0.21 0.91	28.36 -0.23 0.77	18.80 0.10 5.23	37.29 -0.26 0.00	44.94 -0.32 0.87	51.64 -0.36 0.00	62.46 -0.32 0.63	53.22 -0.27 0.00	45.04 -0.28 0.98	39.59 -0.32 0.00	35.27 -0.21 0.00

GOWANUS_GT4_5 24134	43.79 2.75 -0.01	41.40 2.42 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.14 4.96 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.83 3.69 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.12 3.64 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.90 2.41 -0.01
GOWANUS_GT4_6 24135	43.79 2.75 -0.01	41.40 2.42 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.14 4.96 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.83 3.69 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.12 3.64 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.90 2.41 -0.01
GOWANUS_GT4_7 24136	43.79 2.75 -0.01	41.40 2.42 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.14 4.96 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.83 3.69 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.12 3.64 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.90 2.41 -0.01
GOWANUS_GT4_8 24137	43.79 2.75 -0.01	41.40 2.42 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.14 4.96 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.83 3.69 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.12 3.64 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.90 2.41 -0.01
GREATVR_69_KV_BK1 356245	45.07 4.02 -0.01	42.64 3.66 0.00	41.10 3.50 -0.01	40.65 3.32 0.00	43.23 3.50 0.00	47.21 4.17 -0.01	67.45 6.02 -1.22	83.68 5.34 -3.16	71.97 3.87 -5.68	51.77 4.50 -2.27	43.61 3.97 -2.17	38.49 3.75 -0.01	37.30 3.36 -0.62	36.36 3.03 -3.37	35.28 3.08 -2.83	45.07 2.03 -19.10	41.76 4.13 -0.07	51.08 4.57 -0.37	58.28 4.99 -1.29	73.02 6.47 -3.14	60.54 5.40 -1.65	51.34 4.63 -0.40	44.13 4.15 -0.07	38.79 3.30 -0.01
GREENBSH_115KV_TB3 55895	41.65 0.62 0.00	39.56 0.58 0.00	38.16 0.56 0.00	37.82 0.49 0.00	40.09 0.36 0.00	43.58 0.56 0.00	61.35 1.14 0.00	76.38 1.20 0.00	64.47 0.94 -1.11	46.19 0.54 -0.65	38.39 0.30 -0.62	35.11 0.38 0.00	34.02 0.53 -0.18	31.35 0.42 -0.97	30.58 0.41 -0.81	29.57 0.17 -5.47	38.23 0.68 0.00	46.92 0.78 0.00	52.63 0.62 0.00	64.55 1.14 0.00	54.13 0.64 0.00	47.00 0.69 0.00	40.67 0.76 0.00	36.26 0.78 0.00
GREENDGE_115KV_TB5 80291	41.08 0.04 0.00	39.05 0.08 0.00	37.63 0.04 0.00	37.44 0.11 0.00	40.01 0.28 0.00	42.72 -0.30 0.00	58.88 -1.32 0.00	74.05 -1.13 0.00	60.73 -1.12 0.57	44.58 -0.23 0.20	37.29 -0.19 0.00	34.31 -0.42 0.00	32.78 -0.53 0.00	29.43 -0.54 0.00	28.77 -0.59 0.00	20.92 -0.05 2.96	36.69 -0.86 0.00	51.63 -1.38 -6.88	50.91 -1.09 0.00	64.99 -2.09 -3.67	52.52 -1.02 -0.05	50.79 -1.30 -5.78	38.91 -1.00 0.00	34.70 -0.78 0.00
GREENIDGE__3 23582	41.08 0.04 0.00	39.05 0.08 0.00	37.63 0.04 0.00	37.44 0.11 0.00	40.01 0.28 0.00	42.72 -0.30 0.00	58.88 -1.32 0.00	74.05 -1.13 0.00	60.73 -1.12 0.57	44.58 -0.23 0.20	37.29 -0.19 0.00	34.31 -0.42 0.00	32.78 -0.53 0.00	29.43 -0.54 0.00	28.77 -0.59 0.00	20.92 -0.05 2.96	36.69 -0.86 0.00	51.63 -1.38 -6.88	50.91 -1.09 0.00	64.99 -2.09 -3.67	52.52 -1.02 -0.05	50.79 -1.30 -5.78	38.91 -1.00 0.00	34.70 -0.78 0.00
GREENIDGE__4 23583	41.04 0.00 0.00	39.05 0.08 0.00	37.86 0.27 0.00	37.44 0.11 0.00	40.01 0.28 0.00	42.94 -0.09 0.00	59.18 -1.02 0.00	74.42 -0.75 0.00	60.85 -1.00 0.57	44.58 -0.22 0.20	37.29 -0.19 0.00	34.32 -0.42 0.00	32.78 -0.53 0.00	29.43 -0.54 0.00	28.80 -0.56 0.00	20.92 -0.05 2.96	36.69 -0.86 0.00	51.59 -1.43 -6.88	50.75 -1.25 0.00	64.99 -2.09 -3.67	52.15 -1.39 -0.05	50.74 -1.34 -5.78	38.87 -1.04 0.00	34.70 -0.78 0.00
GREENLWN_69_KV_BK 3 55738	44.04 3.00 -0.01	41.66 2.69 0.00	40.16 2.56 -0.01	39.72 2.39 0.00	42.20 2.46 0.00	46.04 3.01 -0.01	62.93 4.09 1.37	75.01 3.38 3.54	66.72 2.37 -1.92	50.74 3.47 -2.27	42.67 3.04 -2.17	37.65 2.92 -0.01	36.57 2.63 -0.62	35.67 2.34 -3.37	34.57 2.38 -2.83	44.54 1.51 -19.10	40.78 3.15 -0.07	48.87 3.14 0.41	53.96 3.38 1.42	64.35 4.44 3.50	55.24 3.58 1.83	49.02 3.15 0.43	43.09 3.11 -0.07	38.01 2.52 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.79 2.75 -0.01	41.40 2.42 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.14 4.96 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.83 3.69 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.12 3.64 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.90 2.41 -0.01
GRISSOM__SOLAR 323813	42.72 1.68 0.00	40.54 1.56 0.00	39.06 1.46 0.00	38.86 1.53 0.00	41.28 1.55 0.00	45.00 1.98 0.00	63.76 3.55 0.00	79.38 4.21 0.00	64.94 1.94 -0.58	45.56 0.36 -0.20	37.40 -0.07 0.00	34.70 -0.03 0.00	33.31 0.00 0.00	29.88 -0.09 0.00	29.39 0.03 0.00	26.77 0.02 -2.82	38.04 0.49 0.00	47.57 1.43 0.00	54.40 2.39 0.00	66.96 3.55 0.00	56.16 2.67 0.00	48.39 2.09 0.00	41.75 1.84 0.00	37.00 1.52 0.00
GROVEVILLE__HYD 323602	43.38 2.34 0.00	41.08 2.10 0.00	39.55 1.95 0.00	39.20 1.87 0.00	41.56 1.83 0.00	45.39 2.37 0.00	64.24 4.03 0.00	79.76 4.59 0.00	68.29 3.56 -2.31	48.77 2.43 -1.34	40.67 1.91 -1.29	36.47 1.74 0.00	35.41 1.73 -0.37	33.47 1.50 -2.00	32.57 1.53 -1.69	36.12 0.98 -11.21	39.73 2.18 0.00	49.09 2.95 0.00	54.86 2.86 0.00	67.40 3.99 0.00	56.64 3.16 0.00	48.99 2.69 0.00	42.23 2.31 0.00	37.39 1.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.16 0.12 0.00	39.13 0.16 0.00	37.71 0.11 0.00	37.44 0.11 0.00	39.93 0.20 0.00	43.02 0.00 0.00	60.33 0.12 0.00	75.55 0.38 0.00	62.81 0.31 -0.07	45.14 0.14 0.00	37.66 0.19 0.00	34.80 0.07 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	24.10 0.17 0.00	37.52 -0.04 0.00	46.09 -0.05 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.21 0.00 0.00	39.79 -0.09 0.00	35.37 -0.12 0.00
HAMLTNNY_34_KV_TB 80303	41.24 0.21 0.00	39.21 0.23 0.00	37.78 0.19 0.00	37.55 0.22 0.00	40.05 0.32 0.00	43.11 0.09 0.00	60.39 0.18 0.00	75.70 0.53 0.00	62.86 0.44 0.00	45.27 0.27 0.00	37.73 0.26 0.00	34.87 0.14 0.00	33.38 0.07 0.00	30.03 0.06 0.00	29.39 0.03 0.00	24.15 0.22 0.00	37.56 0.00 0.00	46.55 -0.05 -0.46	52.00 0.00 0.00	63.66 0.00 -0.25	53.54 0.05 0.00	46.65 -0.05 -0.40	39.79 -0.12 0.00	35.41 -0.07 0.00

HAMPSHIRE___PAPER_HYD 323593	39.81 -1.23 0.00	37.88 -1.09 0.00	36.62 -0.98 0.00	36.43 -0.90 0.00	39.14 -0.59 0.00	42.59 -0.43 0.00	59.66 -0.54 0.00	74.80 -0.37 0.00	64.41 -0.50 -2.49	44.33 -0.67 0.00	36.76 -0.71 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.38 -0.55 0.00	36.99 -0.56 0.00	45.72 -0.42 0.00	51.59 -0.42 0.00	62.90 -0.51 0.00	52.90 -0.59 0.00	46.21 -0.09 0.00	39.43 -0.48 0.00	34.77 -0.71 0.00
HARDSCRABBLE_WT_PWR 323673	41.28 0.25 0.00	39.28 0.31 0.00	37.93 0.34 0.00	37.74 0.41 0.00	40.21 0.48 0.00	43.67 0.65 0.00	61.35 1.14 0.00	76.68 1.50 0.00	63.71 1.18 -0.10	45.72 0.72 0.00	38.04 0.56 0.00	35.22 0.49 0.00	33.74 0.43 0.00	30.30 0.33 0.00	29.65 0.29 0.00	24.17 0.24 0.00	37.97 0.41 0.00	46.69 0.56 0.00	52.58 0.57 0.00	64.11 0.70 0.00	53.97 0.48 0.00	46.63 0.33 0.00	40.15 0.24 0.00	35.66 0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.84 1.81 0.00	40.57 1.60 0.00	39.06 1.47 0.00	38.71 1.38 0.00	41.08 1.35 0.00	44.79 1.76 0.00	63.34 3.13 0.00	78.78 3.61 0.00	55.74 2.68 9.37	45.66 2.07 1.42	43.71 1.76 -4.48	36.33 1.60 0.00	36.12 1.53 -1.28	38.31 1.38 -6.96	36.60 1.38 -5.86	49.24 0.86 -24.44	39.55 1.99 0.00	48.76 2.63 0.00	54.45 2.44 0.00	66.77 3.36 0.00	56.16 2.67 0.00	48.57 2.27 0.00	41.95 2.04 0.00	37.07 1.60 0.00
HARSNRAD_115KV_TB1 81005	38.20 -2.83 0.00	36.40 -2.57 0.00	35.08 -2.52 0.00	34.90 -2.43 0.00	37.23 -2.50 0.00	38.38 -4.65 0.00	52.26 -7.95 0.00	66.08 -9.10 0.00	54.90 -7.05 0.47	40.34 -4.50 0.17	34.17 -3.30 0.00	31.29 -3.44 0.00	29.91 -3.40 0.00	27.00 -2.97 0.00	26.25 -3.11 0.00	20.09 -1.39 2.45	32.97 -4.58 0.00	37.21 -6.00 2.93	45.44 -6.55 0.01	52.32 -8.24 2.85	46.93 -6.53 0.03	35.87 -6.02 4.41	34.96 -4.95 0.00	31.50 -3.97 0.00
HARZA MOOSE___RIVER 24016	41.00 -0.04 0.00	39.05 0.08 0.00	37.71 0.11 0.00	37.48 0.15 0.00	40.17 0.44 0.00	43.63 0.60 0.00	61.47 1.26 0.00	77.13 1.95 0.00	64.48 1.31 -0.74	45.50 0.50 0.00	37.73 0.26 0.00	34.87 0.14 0.00	33.38 0.07 0.00	30.00 0.03 0.00	29.42 0.06 0.00	24.05 0.12 0.00	37.93 0.38 0.00	46.83 0.69 0.00	53.04 1.04 0.00	64.80 1.40 0.00	54.50 1.02 0.00	47.09 0.79 0.00	40.15 0.24 0.00	35.48 0.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.91 -0.12 0.00	38.86 -0.12 0.00	37.44 -0.15 0.00	37.22 -0.11 0.00	39.65 -0.08 0.00	42.76 -0.26 0.00	59.90 -0.30 0.00	75.02 -0.15 0.00	62.38 -0.12 -0.08	44.91 -0.09 0.00	37.44 -0.04 0.00	34.63 -0.10 0.00	33.18 -0.13 0.00	29.88 -0.09 0.00	29.24 -0.12 0.00	23.98 0.05 0.00	37.33 -0.23 0.00	45.81 -0.32 0.00	51.64 -0.36 0.00	63.03 -0.38 0.00	53.17 -0.32 0.00	45.93 -0.37 0.00	39.55 -0.36 0.00	35.16 -0.32 0.00
HELLGATE_13_KV_LD 55870	43.75 2.71 -0.01	41.36 2.38 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.81 2.07 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.21 5.04 0.00	70.27 3.93 -3.91	50.65 3.38 -2.27	42.49 2.85 -2.17	37.38 2.64 -0.01	36.39 2.46 -0.62	35.52 2.19 -3.36	34.36 2.17 -2.83	44.49 1.44 -19.12	40.52 2.97 0.00	49.97 3.83 -0.01	55.59 3.59 0.00	67.97 4.57 0.00	57.28 3.80 0.00	49.83 3.52 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.75 2.71 -0.01	41.36 2.38 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.81 2.07 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.21 5.04 0.00	70.27 3.93 -3.91	50.65 3.38 -2.27	42.49 2.85 -2.17	37.38 2.64 -0.01	36.39 2.46 -0.62	35.52 2.19 -3.36	34.36 2.17 -2.83	44.49 1.44 -19.12	40.52 2.97 0.00	49.97 3.83 -0.01	55.59 3.59 0.00	67.97 4.57 0.00	57.28 3.80 0.00	49.83 3.52 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
HEMPSTEAD___ 23647	43.96 2.91 -0.01	41.59 2.61 0.00	39.94 2.33 -0.01	39.65 2.32 0.00	42.04 2.30 0.00	45.83 2.79 -0.01	64.60 4.39 0.00	79.16 3.98 0.00	69.51 3.18 -3.91	50.65 3.38 -2.27	42.60 2.96 -2.17	37.52 2.78 -0.01	36.57 2.63 -0.63	35.68 2.34 -3.37	34.52 2.32 -2.84	44.57 1.53 -19.10	40.73 3.08 -0.10	49.56 3.41 -0.01	55.71 3.69 -0.01	68.24 4.82 -0.01	57.56 4.06 -0.01	49.74 3.43 -0.01	43.08 3.07 -0.10	38.08 2.59 -0.01
HICKLING___1 23621	40.63 -0.41 0.00	38.66 -0.31 0.00	37.22 -0.38 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	41.99 -1.03 0.00	58.52 -1.69 0.00	73.67 -1.50 0.00	60.15 -1.50 0.78	43.65 -0.90 0.45	36.36 -0.67 0.44	33.90 -0.83 0.00	32.22 -0.97 0.12	28.42 -0.87 0.68	27.85 -0.94 0.57	19.60 -0.29 4.05	36.02 -1.54 0.00	42.44 -2.08 1.62	49.92 -2.08 0.00	59.67 -2.60 1.14	51.52 -1.98 -0.02	42.70 -1.81 1.80	38.15 -1.76 0.00	34.13 -1.35 0.00
HICKLING___2 23622	40.63 -0.41 0.00	38.66 -0.31 0.00	37.22 -0.38 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	41.99 -1.03 0.00	58.52 -1.69 0.00	73.67 -1.50 0.00	60.15 -1.50 0.78	43.65 -0.90 0.45	36.36 -0.67 0.44	33.90 -0.83 0.00	32.22 -0.97 0.12	28.42 -0.87 0.68	27.85 -0.94 0.57	19.60 -0.29 4.05	36.02 -1.54 0.00	42.44 -2.08 1.62	49.92 -2.08 0.00	59.67 -2.60 1.14	51.52 -1.98 -0.02	42.70 -1.81 1.80	38.15 -1.76 0.00	34.13 -1.35 0.00
HIGH FALLS___HY 23754	43.46 2.42 0.00	41.16 2.18 0.00	39.62 2.03 0.00	39.27 1.94 0.00	41.68 1.95 0.00	45.48 2.45 0.00	64.48 4.27 0.00	80.14 4.96 0.00	67.17 3.68 -1.06	48.14 2.52 -0.62	40.05 1.99 -0.59	36.54 1.81 0.00	35.21 1.73 -0.17	32.42 1.53 -0.92	31.69 1.56 -0.77	29.33 0.98 -4.42	39.77 2.22 0.00	49.23 3.09 0.00	54.97 2.96 0.00	67.53 4.12 0.00	56.80 3.32 0.00	49.08 2.78 0.00	42.31 2.39 0.00	37.43 1.95 0.00
HIGH_RIVER___SOLAR 323847	42.56 1.52 0.00	40.38 1.40 0.00	38.91 1.32 0.00	38.67 1.34 0.00	41.12 1.39 0.00	44.79 1.76 0.00	63.33 3.13 0.00	78.78 3.61 0.00	64.67 1.62 -0.62	45.45 0.23 -0.22	37.29 -0.19 0.00	34.56 -0.17 0.00	33.18 -0.13 0.00	29.67 -0.30 0.00	29.27 -0.09 0.00	26.87 -0.12 -3.06	37.82 0.26 0.00	47.24 1.11 0.00	54.09 2.08 0.00	66.52 3.11 0.00	55.84 2.35 0.00	48.16 1.85 0.00	41.55 1.64 0.00	36.83 1.35 0.00
HILLBURN___GT 23639	42.84 1.80 0.00	40.57 1.60 0.00	38.95 1.35 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.70 1.68 0.00	63.45 3.25 0.00	78.71 3.53 0.00	55.47 2.74 9.70	45.70 2.29 1.59	43.78 1.98 -4.33	36.53 1.80 0.00	36.27 1.73 -1.23	38.23 1.53 -6.73	36.55 1.53 -5.66	53.45 0.96 -28.55	39.73 2.18 0.00	48.90 2.77 0.00	54.55 2.55 0.00	66.89 3.49 0.00	56.43 2.94 0.00	48.66 2.36 0.00	42.02 2.11 0.00	37.15 1.67 0.00
HILLSIDE_115KV_TB1 80332	40.05 -0.98 0.00	38.04 -0.94 0.00	36.65 -0.94 0.00	36.47 -0.86 0.00	38.86 -0.87 0.00	41.39 -1.63 0.00	57.68 -2.53 0.00	72.62 -2.56 0.00	59.19 -2.43 0.80	43.01 -1.53 0.47	35.83 -1.20 0.45	33.45 -1.29 0.00	31.82 -1.37 0.13	28.07 -1.20 0.70	27.51 -1.26 0.59	19.10 -0.65 4.19	35.60 -1.95 0.00	42.61 -2.58 0.94	49.30 -2.70 0.00	59.35 -3.30 0.76	50.88 -2.62 -0.01	42.84 -2.27 1.19	37.76 -2.16 0.00	33.81 -1.67 0.00

HISHELDN_WT_PWR 323625	39.07 -1.97 0.00	37.18 -1.79 0.00	36.39 -1.20 0.00	35.69 -1.64 0.00	37.99 -1.75 0.00	40.05 -2.97 0.00	55.03 -5.18 0.00	69.39 -5.79 0.00	56.81 -5.05 0.56	41.43 -3.38 0.20	34.81 -2.66 0.00	31.99 -2.74 0.00	30.55 -2.76 0.00	27.54 -2.43 0.00	26.86 -2.50 0.00	19.90 -1.15 2.89	33.76 -3.79 0.00	34.36 -5.03 6.75	46.59 -5.41 0.01	52.14 -6.78 4.49	47.79 -5.62 0.08	34.16 -5.14 7.00	35.52 -4.39 0.00	31.86 -3.62 0.00
HOLTSVILLE_IC_1 23690	44.70 3.65 -0.01	42.33 3.35 0.00	40.65 3.04 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	67.36 5.54 -1.62	83.65 4.28 -4.20	72.24 3.56 -6.26	51.46 4.19 -2.27	43.31 3.67 -2.17	38.21 3.47 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.07 2.88 -2.83	44.80 1.77 -19.10	41.42 3.79 -0.07	50.69 4.06 -0.49	58.02 4.31 -1.70	73.08 5.51 -4.16	60.49 4.82 -2.19	50.91 4.08 -0.53	43.69 3.71 -0.07	38.50 3.01 -0.01
HOLTSVILLE_IC_10 23699	44.90 3.86 -0.01	42.52 3.55 0.00	40.84 3.23 -0.01	40.50 3.17 0.00	43.03 3.30 0.00	47.03 4.00 -0.01	67.44 5.90 -1.33	83.28 4.66 -3.44	72.13 3.87 -5.84	51.69 4.41 -2.27	43.50 3.86 -2.17	38.38 3.65 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.19 3.00 -2.83	44.92 1.89 -19.10	41.60 3.98 -0.07	50.88 4.34 -0.41	58.03 4.63 -1.40	72.79 5.96 -3.42	60.47 5.19 -1.80	51.09 4.35 -0.44	43.93 3.95 -0.07	38.72 3.23 -0.01
HOLTSVILLE_IC_2 23691	44.70 3.65 -0.01	42.33 3.35 0.00	40.65 3.04 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	67.36 5.54 -1.62	83.65 4.28 -4.20	72.24 3.56 -6.26	51.46 4.19 -2.27	43.31 3.67 -2.17	38.21 3.47 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.07 2.88 -2.83	44.80 1.77 -19.10	41.42 3.79 -0.07	50.69 4.06 -0.49	58.02 4.31 -1.70	73.08 5.51 -4.16	60.49 4.82 -2.19	50.91 4.08 -0.53	43.69 3.71 -0.07	38.50 3.01 -0.01
HOLTSVILLE_IC_3 23692	44.70 3.65 -0.01	42.33 3.35 0.00	40.65 3.04 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	67.36 5.54 -1.62	83.65 4.28 -4.20	72.24 3.56 -6.26	51.46 4.19 -2.27	43.31 3.67 -2.17	38.21 3.47 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.07 2.88 -2.83	44.80 1.77 -19.10	41.42 3.79 -0.07	50.69 4.06 -0.49	58.02 4.31 -1.70	73.08 5.51 -4.16	60.49 4.82 -2.19	50.91 4.08 -0.53	43.69 3.71 -0.07	38.50 3.01 -0.01
HOLTSVILLE_IC_4 23693	44.70 3.65 -0.01	42.33 3.35 0.00	40.65 3.04 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	67.36 5.54 -1.62	83.65 4.28 -4.20	72.24 3.56 -6.26	51.46 4.19 -2.27	43.31 3.67 -2.17	38.21 3.47 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.07 2.88 -2.83	44.80 1.77 -19.10	41.42 3.79 -0.07	50.69 4.06 -0.49	58.02 4.31 -1.70	73.08 5.51 -4.16	60.49 4.82 -2.19	50.91 4.08 -0.53	43.69 3.71 -0.07	38.50 3.01 -0.01
HOLTSVILLE_IC_5 23694	44.70 3.65 -0.01	42.33 3.35 0.00	40.65 3.04 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	67.36 5.54 -1.62	83.65 4.28 -4.20	72.24 3.56 -6.26	51.46 4.19 -2.27	43.31 3.67 -2.17	38.21 3.47 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.07 2.88 -2.83	44.80 1.77 -19.10	41.42 3.79 -0.07	50.69 4.06 -0.49	58.02 4.31 -1.70	73.08 5.51 -4.16	60.49 4.82 -2.19	50.91 4.08 -0.53	43.69 3.71 -0.07	38.50 3.01 -0.01
HOLTSVILLE_IC_6 23695	44.90 3.86 -0.01	42.52 3.55 0.00	40.84 3.23 -0.01	40.50 3.17 0.00	43.03 3.30 0.00	47.03 4.00 -0.01	67.44 5.90 -1.33	83.28 4.66 -3.44	72.13 3.87 -5.84	51.69 4.41 -2.27	43.50 3.86 -2.17	38.38 3.65 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.19 3.00 -2.83	44.92 1.89 -19.10	41.60 3.98 -0.07	50.88 4.34 -0.41	58.03 4.63 -1.40	72.79 5.96 -3.42	60.47 5.19 -1.80	51.09 4.35 -0.44	43.93 3.95 -0.07	38.72 3.23 -0.01
HOLTSVILLE_IC_7 23696	44.90 3.86 -0.01	42.52 3.55 0.00	40.84 3.23 -0.01	40.50 3.17 0.00	43.03 3.30 0.00	47.03 4.00 -0.01	67.44 5.90 -1.33	83.28 4.66 -3.44	72.13 3.87 -5.84	51.69 4.41 -2.27	43.50 3.86 -2.17	38.38 3.65 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.19 3.00 -2.83	44.92 1.89 -19.10	41.60 3.98 -0.07	50.88 4.34 -0.41	58.03 4.63 -1.40	72.79 5.96 -3.42	60.47 5.19 -1.80	51.09 4.35 -0.44	43.93 3.95 -0.07	38.72 3.23 -0.01
HOLTSVILLE_IC_8 23697	44.90 3.86 -0.01	42.52 3.55 0.00	40.84 3.23 -0.01	40.50 3.17 0.00	43.03 3.30 0.00	47.03 4.00 -0.01	67.44 5.90 -1.33	83.28 4.66 -3.44	72.13 3.87 -5.84	51.69 4.41 -2.27	43.50 3.86 -2.17	38.38 3.65 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.19 3.00 -2.83	44.92 1.89 -19.10	41.60 3.98 -0.07	50.88 4.34 -0.41	58.03 4.63 -1.40	72.79 5.96 -3.42	60.47 5.19 -1.80	51.09 4.35 -0.44	43.93 3.95 -0.07	38.72 3.23 -0.01
HOLTSVILLE_IC_9 23698	44.90 3.86 -0.01	42.52 3.55 0.00	40.84 3.23 -0.01	40.50 3.17 0.00	43.03 3.30 0.00	47.03 4.00 -0.01	67.44 5.90 -1.33	83.28 4.66 -3.44	72.13 3.87 -5.84	51.69 4.41 -2.27	43.50 3.86 -2.17	38.38 3.65 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.19 3.00 -2.83	44.92 1.89 -19.10	41.60 3.98 -0.07	50.88 4.34 -0.41	58.03 4.63 -1.40	72.79 5.96 -3.42	60.47 5.19 -1.80	51.09 4.35 -0.44	43.93 3.95 -0.07	38.72 3.23 -0.01
HOMER_HL_115KV_TB2 355744	37.96 -3.08 0.00	36.13 -2.85 0.00	34.81 -2.78 0.00	34.61 -2.73 0.00	36.79 -2.94 0.00	38.76 -4.26 0.00	54.06 -6.14 0.00	67.58 -7.59 0.00	54.89 -6.93 0.60	40.34 -4.46 0.21	33.88 -3.60 0.00	31.12 -3.61 0.00	29.71 -3.60 0.00	26.85 -3.12 0.00	26.10 -3.26 0.00	19.49 -1.48 2.96	33.46 -4.09 0.00	37.35 -5.35 3.44	46.28 -5.72 0.01	54.13 -6.59 2.69	48.06 -5.40 0.03	37.81 -4.31 4.18	35.44 -4.47 0.00	31.97 -3.51 0.00
HOWARD_WT_PWR 323690	40.42 -0.61 0.00	38.55 -0.43 0.00	37.59 0.00 0.00	37.14 -0.19 0.00	39.69 -0.04 0.00	42.20 -0.82 0.00	58.52 -1.69 0.00	73.74 -1.43 0.00	59.95 -1.81 0.67	43.51 -1.26 0.23	36.46 -1.01 0.00	33.48 -1.25 0.00	31.88 -1.43 0.00	28.56 -1.41 0.00	27.86 -1.50 0.00	19.89 -0.60 3.44	35.15 -2.40 0.00	58.72 -3.27 -15.86	48.52 -3.48 0.00	67.29 -4.57 -8.45	49.70 -3.90 -0.11	55.99 -3.61 -13.30	36.60 -3.31 0.00	32.85 -2.62 0.00
HQ_GEN_CEDARS 23644	40.75 -0.29 0.00	38.62 -0.35 0.00	37.37 -0.23 0.00	37.18 -0.15 0.00	39.81 0.08 0.00	43.24 0.22 0.00	60.08 -0.12 0.00	75.02 -0.15 0.00	67.53 0.12 -4.98	45.23 0.23 0.00	37.66 0.19 0.00	34.84 0.10 0.00	33.38 0.07 0.00	29.97 0.00 0.00	29.42 0.06 0.00	23.96 0.02 0.00	37.78 0.23 0.00	46.46 0.32 0.00	52.32 0.31 0.00	63.03 -0.38 0.00	53.65 0.16 0.00	47.00 0.69 0.00	40.39 0.48 0.00	35.73 0.25 0.00
HQ_GEN_CEDARS_PROXY 323590	40.75 -0.29 0.00	38.62 -0.35 0.00	37.37 -0.22 0.00	37.18 -0.15 0.00	39.81 0.08 0.00	43.24 0.22 0.00	59.96 -0.24 0.00	74.87 -0.30 0.00	67.53 0.13 -4.98	45.23 0.23 0.00	37.66 0.19 0.00	34.84 0.10 0.00	33.38 0.07 0.00	29.97 0.00 0.00	29.42 0.06 0.00	23.96 0.02 0.00	37.78 0.23 0.00	46.46 0.33 0.00	52.00 0.00 0.00	63.03 -0.38 0.00	53.27 -0.21 0.00	47.00 0.70 0.00	40.39 0.48 0.00	35.73 0.25 0.00

HQ_GEN_CHPE_PROXY 323851	43.17 2.13 0.00	40.81 1.83 0.00	39.21 1.62 0.00	38.86 1.53 0.00	41.24 1.51 0.00	45.00 1.98 0.00	63.76 3.55 0.00	79.23 4.06 0.00	69.63 3.31 -3.90	50.14 2.88 -2.26	42.10 2.47 -2.15	36.98 2.26 0.01	36.04 2.13 -0.60	35.25 1.92 -3.36	34.10 1.91 -2.83	44.24 1.20 -19.12	40.13 2.59 0.02	49.50 3.37 0.00	55.06 3.07 0.02	67.39 4.00 0.02	56.90 3.43 0.02	49.17 2.87 0.00	42.39 2.48 0.00	37.43 1.95 0.00
HQ_GEN_IMPORT 323601	40.95 -0.08 0.00	38.86 -0.12 0.00	37.52 -0.08 0.00	37.29 -0.04 0.00	39.73 0.00 0.00	43.07 0.04 0.00	60.08 -0.12 0.00	75.02 -0.15 0.00	62.30 0.00 0.13	45.05 0.05 0.00	37.55 0.08 0.00	34.77 0.03 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	23.96 0.02 0.00	37.63 0.08 0.00	46.18 0.05 0.00	52.11 0.10 0.00	63.41 0.00 0.00	53.54 0.05 0.00	46.49 0.19 0.00	40.07 0.16 0.00	35.58 0.11 0.00
HQ_GEN_WHEEL 23651	40.95 -0.08 0.00	38.86 -0.12 0.00	37.52 -0.08 0.00	37.29 -0.04 0.00	39.73 0.00 0.00	43.07 0.04 0.00	60.08 -0.12 0.00	75.02 -0.15 0.00	62.30 0.00 0.13	45.05 0.05 0.00	37.55 0.08 0.00	34.77 0.03 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	23.96 0.02 0.00	37.63 0.08 0.00	46.18 0.05 0.00	52.11 0.10 0.00	63.41 0.00 0.00	53.54 0.05 0.00	46.49 0.19 0.00	40.07 0.16 0.00	35.58 0.11 0.00
HUDSON_AVE_GT_3 23810	43.33 2.30 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.26 2.24 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.08 3.75 -3.91	50.34 3.06 -2.27	42.27 2.62 -2.17	37.17 2.43 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.22 2.03 -2.83	44.36 1.29 -19.13	40.30 2.74 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.72 4.31 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.54 2.06 0.00
HUDSON_AVE_GT_4 23540	43.33 2.30 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.26 2.24 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.08 3.75 -3.91	50.34 3.06 -2.27	42.27 2.62 -2.17	37.17 2.43 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.22 2.03 -2.83	44.36 1.29 -19.13	40.30 2.74 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.72 4.31 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.54 2.06 0.00
HUDSON_AVE_GT_5 23657	43.33 2.30 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.26 2.24 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.08 3.75 -3.91	50.34 3.06 -2.27	42.27 2.62 -2.17	37.17 2.43 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.22 2.03 -2.83	44.36 1.29 -19.13	40.30 2.74 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.72 4.31 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.54 2.06 0.00
HUDSON_AVE_10 24168	43.17 2.13 0.00	40.81 1.83 0.00	39.25 1.65 0.00	38.82 1.49 0.00	41.24 1.51 0.00	45.09 2.07 0.00	63.70 3.49 0.00	79.53 4.36 0.00	69.83 3.50 -3.91	50.20 2.93 -2.27	42.12 2.47 -2.17	37.03 2.29 -0.01	36.09 2.17 -0.62	35.25 1.92 -3.36	34.13 1.94 -2.83	44.28 1.22 -19.13	40.18 2.63 0.00	49.51 3.37 -0.01	55.12 3.12 0.00	67.47 4.06 0.00	56.80 3.32 0.00	49.22 2.92 0.00	42.38 2.47 0.00	37.39 1.92 0.00
HUDSON___115KV_TB 4 355613	42.39 1.35 0.00	40.26 1.29 0.00	38.83 1.24 0.00	38.53 1.19 0.00	40.85 1.11 0.00	44.49 1.46 0.00	62.73 2.53 0.00	77.88 2.71 0.00	65.57 2.06 -1.09	46.67 1.04 -0.63	38.49 0.41 -0.61	35.11 0.38 0.00	33.98 0.50 -0.17	31.33 0.42 -0.94	30.60 0.44 -0.79	29.57 0.34 -5.30	38.42 0.86 0.00	47.43 1.29 0.00	53.46 1.46 0.00	65.69 2.28 0.00	55.04 1.55 0.00	47.69 1.39 0.00	41.23 1.32 0.00	36.72 1.24 0.00
HUNTER MOUNT___DRP 323613	42.51 1.48 0.00	40.38 1.40 0.00	38.95 1.35 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.66 1.63 0.00	62.97 2.77 0.00	78.03 2.86 0.00	65.85 2.31 -1.11	46.78 1.13 -0.65	38.39 0.30 -0.62	34.97 0.24 0.00	33.89 0.40 -0.18	31.23 0.30 -0.97	30.53 0.35 -0.81	29.68 0.38 -5.37	38.31 0.75 0.00	47.43 1.29 0.00	53.46 1.46 0.00	65.69 2.28 0.00	55.09 1.60 0.00	47.69 1.39 0.00	41.23 1.32 0.00	36.72 1.24 0.00
HUNTINGTON_RES_REC 323705	44.37 3.32 -0.01	42.02 3.04 0.00	40.35 2.74 -0.01	40.02 2.69 0.00	42.51 2.78 0.00	46.39 3.36 -0.01	64.71 4.87 0.37	77.89 3.68 0.96	68.85 3.06 -3.37	51.10 3.82 -2.27	43.01 3.37 -2.17	37.93 3.19 -0.01	36.80 2.87 -0.62	35.88 2.55 -3.37	34.81 2.61 -2.83	44.68 1.65 -19.10	41.12 3.49 -0.07	49.63 3.60 0.11	55.57 3.95 0.38	67.47 5.01 0.95	57.38 4.39 0.49	49.85 3.66 0.11	43.45 3.47 -0.07	38.33 2.84 -0.01
HUNTLEY___63 23557	38.86 -2.17 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.46 -1.87 0.00	37.87 -1.87 0.00	38.98 -4.04 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	56.00 -5.93 0.49	41.19 -3.65 0.17	34.74 -2.74 0.00	31.81 -2.92 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.66 -2.70 0.00	20.34 -1.03 2.57	33.50 -4.06 0.00	37.44 -5.35 3.35	46.17 -5.82 0.01	53.17 -7.29 2.95	47.57 -5.88 0.03	36.31 -5.42 4.57	35.40 -4.51 0.00	31.89 -3.58 0.00
HUNTLEY___64 23558	38.86 -2.17 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.46 -1.87 0.00	37.87 -1.87 0.00	38.98 -4.04 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	56.00 -5.93 0.49	41.19 -3.65 0.17	34.74 -2.74 0.00	31.81 -2.92 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.66 -2.70 0.00	20.34 -1.03 2.57	33.50 -4.06 0.00	37.44 -5.35 3.35	46.17 -5.82 0.01	53.17 -7.29 2.95	47.57 -5.88 0.03	36.31 -5.42 4.57	35.40 -4.51 0.00	31.89 -3.58 0.00
HUNTLEY___65 23559	38.86 -2.17 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.46 -1.87 0.00	37.87 -1.87 0.00	38.98 -4.04 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	56.00 -5.93 0.49	41.19 -3.65 0.17	34.74 -2.74 0.00	31.81 -2.92 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.66 -2.70 0.00	20.34 -1.03 2.57	33.50 -4.06 0.00	37.44 -5.35 3.35	46.17 -5.82 0.01	53.17 -7.29 2.95	47.57 -5.88 0.03	36.31 -5.42 4.57	35.40 -4.51 0.00	31.89 -3.58 0.00
HUNTLEY___66 23560	38.86 -2.17 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.46 -1.87 0.00	37.87 -1.87 0.00	38.98 -4.04 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	56.00 -5.93 0.49	41.19 -3.65 0.17	34.74 -2.74 0.00	31.81 -2.92 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.66 -2.70 0.00	20.34 -1.03 2.57	33.50 -4.06 0.00	37.44 -5.35 3.35	46.17 -5.82 0.01	53.17 -7.29 2.95	47.57 -5.88 0.03	36.31 -5.42 4.57	35.40 -4.51 0.00	31.89 -3.58 0.00
HUNTLEY___67 23561	38.53 -2.50 0.00	36.71 -2.26 0.00	35.38 -2.22 0.00	35.17 -2.17 0.00	37.47 -2.26 0.00	38.72 -4.30 0.00	52.74 -7.47 0.00	66.68 -8.49 0.00	55.31 -6.62 0.50	40.73 -4.10 0.18	34.32 -3.15 0.00	31.47 -3.26 0.00	30.08 -3.23 0.00	27.15 -2.82 0.00	26.39 -2.97 0.00	20.01 -1.32 2.60	33.16 -4.39 0.00	36.41 -5.77 3.96	45.65 -6.34 0.01	52.36 -7.99 3.06	47.14 -6.31 0.04	35.70 -5.83 4.77	35.12 -4.79 0.00	31.65 -3.83 0.00

HUNTLEY___68 23562	38.53 -2.50 0.00	36.71 -2.26 0.00	35.38 -2.22 0.00	35.17 -2.17 0.00	37.47 -2.26 0.00	38.72 -4.30 0.00	52.74 -7.47 0.00	66.68 -8.49 0.00	55.31 -6.62 0.50	40.73 -4.10 0.18	34.32 -3.15 0.00	31.47 -3.26 0.00	30.08 -3.23 0.00	27.15 -2.82 0.00	26.39 -2.97 0.00	20.01 -1.32 2.60	33.16 -4.39 0.00	36.41 -5.77 3.96	45.65 -6.34 0.01	52.36 -7.99 3.06	47.14 -6.31 0.04	35.70 -5.83 4.77	35.12 -4.79 0.00	31.65 -3.83 0.00
HYLAND___LFGE 323620	42.14 1.11 0.00	40.11 1.13 0.00	39.14 1.54 0.00	38.56 1.23 0.00	41.24 1.51 0.00	44.14 1.12 0.00	61.59 1.39 0.00	77.36 2.18 0.00	62.76 0.87 0.53	44.86 0.05 0.19	37.25 -0.22 0.00	34.00 -0.73 0.00	32.31 -1.00 0.00	29.04 -0.93 0.00	28.42 -0.94 0.00	21.11 -0.07 2.75	36.43 -1.13 0.00	60.74 -1.15 -15.75	51.59 -0.42 0.00	71.77 -0.32 -8.67	53.75 0.16 -0.11	59.71 -0.23 -13.64	39.43 -0.48 0.00	35.19 -0.29 0.00
INDECK___CORINTH 23802	41.16 0.12 0.00	39.13 0.16 0.00	37.67 0.08 0.00	37.48 0.15 0.00	39.81 0.08 0.00	43.28 0.26 0.00	61.35 1.14 0.00	76.68 1.50 0.00	64.05 0.69 -0.94	45.55 0.00 -0.55	37.74 -0.26 -0.52	34.49 -0.24 0.00	33.33 -0.13 -0.15	30.60 -0.18 -0.82	29.84 -0.20 -0.69	28.29 -0.26 -4.62	37.63 0.08 0.00	46.37 0.23 0.00	52.52 0.52 0.00	64.61 1.20 0.00	54.08 0.59 0.00	46.67 0.37 0.00	40.35 0.44 0.00	35.80 0.32 0.00
INDECK___ILION 23567	41.28 0.25 0.00	39.25 0.27 0.00	37.86 0.26 0.00	37.63 0.30 0.00	40.05 0.32 0.00	43.45 0.43 0.00	60.99 0.78 0.00	76.23 1.05 0.00	63.28 0.75 -0.10	45.45 0.45 0.00	37.81 0.34 0.00	35.04 0.31 0.00	33.61 0.30 0.00	30.21 0.24 0.00	29.57 0.21 0.00	24.10 0.17 0.00	37.86 0.30 0.00	46.55 0.42 0.00	52.42 0.42 0.00	63.98 0.57 0.00	53.86 0.37 0.00	46.58 0.28 0.00	40.11 0.20 0.00	35.66 0.18 0.00
INDECK___OLEAN 23982	37.96 -3.08 0.00	36.13 -2.84 0.00	35.11 -2.48 0.00	34.61 -2.72 0.00	36.75 -2.98 0.00	38.98 -4.05 0.00	54.61 -5.60 0.00	68.03 -7.14 0.00	55.02 -6.80 0.60	40.34 -4.46 0.21	33.87 -3.60 0.00	31.12 -3.61 0.00	29.71 -3.60 0.00	26.85 -3.12 0.00	26.16 -3.20 0.00	19.47 -1.51 2.96	33.46 -4.09 0.00	37.30 -5.40 3.44	46.28 -5.72 0.01	54.32 -6.40 2.69	47.89 -5.56 0.03	37.17 -4.95 4.18	35.40 -4.51 0.00	31.97 -3.51 0.00
INDECK___OSWEGO 23783	40.34 -0.70 0.00	38.35 -0.63 0.00	37.03 -0.56 0.00	36.73 -0.60 0.00	39.18 -0.56 0.00	42.33 -0.69 0.00	59.36 -0.84 0.00	74.35 -0.83 0.00	61.80 -0.81 -0.19	44.24 -0.77 0.00	36.84 -0.64 0.00	34.07 -0.66 0.00	32.64 -0.67 0.00	29.40 -0.57 0.00	28.80 -0.56 0.00	23.60 -0.34 0.00	36.84 -0.71 0.00	45.26 -0.88 0.00	51.12 -0.88 0.00	62.39 -1.02 0.00	52.63 -0.86 0.00	45.47 -0.83 0.00	39.11 -0.80 0.00	34.73 -0.75 0.00
INDECK___YERKES 23781	38.90 -2.14 0.00	37.07 -1.91 0.00	36.35 -1.24 0.00	35.54 -1.79 0.00	37.87 -1.87 0.00	39.62 -3.40 0.00	54.24 -5.96 0.00	68.78 -6.39 0.00	56.44 -5.49 0.49	41.19 -3.64 0.17	34.70 -2.77 0.00	31.81 -2.92 0.00	30.44 -2.86 0.00	27.48 -2.49 0.00	26.75 -2.61 0.00	20.34 -1.03 2.57	33.50 -4.06 0.00	37.44 -5.35 3.35	46.22 -5.77 0.01	53.23 -7.23 2.95	47.47 -5.99 0.03	36.27 -5.46 4.57	35.32 -4.59 0.00	31.90 -3.58 0.00
INDIAN POINT___GT_1 24139	42.92 1.89 0.00	40.65 1.68 0.00	39.14 1.54 0.00	38.75 1.42 0.00	41.12 1.39 0.00	44.87 1.85 0.00	63.46 3.25 0.00	79.01 3.83 0.00	69.47 3.00 -4.05	49.77 2.39 -2.38	41.82 2.02 -2.33	36.64 1.91 0.00	35.77 1.80 -0.66	35.18 1.59 -3.62	33.99 1.59 -3.05	45.58 0.98 -20.67	39.77 2.22 0.00	48.90 2.77 0.00	54.66 2.65 0.00	67.02 3.61 0.00	56.38 2.89 0.00	48.80 2.50 0.00	42.11 2.20 0.00	37.22 1.74 0.00
INDIAN POINT___GT_2 23659	42.92 1.89 0.00	40.65 1.68 0.00	39.14 1.54 0.00	38.75 1.42 0.00	41.12 1.39 0.00	44.87 1.85 0.00	63.46 3.25 0.00	79.01 3.83 0.00	69.47 3.00 -4.05	49.77 2.39 -2.38	41.82 2.02 -2.33	36.64 1.91 0.00	35.77 1.80 -0.66	35.18 1.59 -3.62	33.99 1.59 -3.05	45.58 0.98 -20.67	39.77 2.22 0.00	48.90 2.77 0.00	54.66 2.65 0.00	67.02 3.61 0.00	56.38 2.89 0.00	48.80 2.50 0.00	42.11 2.20 0.00	37.22 1.74 0.00
INDIAN POINT___GT_3 24019	42.92 1.89 0.00	40.65 1.68 0.00	39.14 1.54 0.00	38.75 1.42 0.00	41.12 1.39 0.00	44.87 1.85 0.00	63.46 3.25 0.00	79.01 3.83 0.00	69.47 3.00 -4.05	49.77 2.39 -2.38	41.82 2.02 -2.33	36.64 1.91 0.00	35.77 1.80 -0.66	35.18 1.59 -3.62	33.99 1.59 -3.05	45.58 0.98 -20.67	39.77 2.22 0.00	48.90 2.77 0.00	54.66 2.65 0.00	67.02 3.61 0.00	56.38 2.89 0.00	48.80 2.50 0.00	42.11 2.20 0.00	37.22 1.74 0.00
INDIAN POINT___2 23530	42.88 1.85 0.00	40.61 1.64 0.00	38.99 1.39 0.00	38.67 1.34 0.00	41.04 1.31 0.00	44.70 1.68 0.00	63.33 3.13 0.00	78.63 3.46 0.00	70.00 2.68 -4.89	50.11 2.34 -2.77	42.00 1.98 -2.54	36.57 1.84 0.00	35.80 1.76 -0.72	35.48 1.56 -3.95	34.24 1.56 -3.33	47.54 0.96 -22.65	39.73 2.18 0.00	48.90 2.77 0.00	54.60 2.60 0.00	66.89 3.49 0.00	56.48 2.99 0.00	48.71 2.41 0.00	42.06 2.15 0.00	37.18 1.70 0.00
INDIAN POINT___3 23531	42.88 1.85 0.00	40.61 1.64 0.00	39.10 1.50 0.00	38.71 1.38 0.00	41.08 1.35 0.00	44.83 1.81 0.00	63.34 3.13 0.00	78.86 3.68 0.00	69.42 2.87 -4.12	49.76 2.34 -2.41	41.80 1.99 -2.34	36.57 1.84 0.00	35.74 1.77 -0.67	35.17 1.56 -3.64	33.98 1.56 -3.07	45.56 0.96 -20.67	39.73 2.18 0.00	48.86 2.72 0.00	54.55 2.55 0.00	66.90 3.49 0.00	56.27 2.78 0.00	48.71 2.41 0.00	42.03 2.12 0.00	37.15 1.67 0.00
INGHAM_C_115KV_TB7 356103	41.45 0.41 0.00	39.40 0.43 0.00	38.08 0.49 0.00	37.85 0.52 0.00	40.37 0.64 0.00	43.80 0.77 0.00	61.53 1.32 0.00	76.90 1.73 0.00	63.90 1.37 -0.10	45.86 0.86 0.00	38.15 0.67 0.00	35.32 0.59 0.00	33.84 0.53 0.00	30.39 0.42 0.00	29.74 0.38 0.00	24.24 0.31 0.00	38.08 0.53 0.00	46.83 0.69 0.00	52.73 0.73 0.00	64.36 0.95 0.00	54.13 0.64 0.00	46.81 0.51 0.00	40.31 0.40 0.00	35.80 0.32 0.00
IP CORINTH___1 23988	41.41 0.37 0.00	39.33 0.35 0.00	37.97 0.38 0.00	37.67 0.34 0.00	40.01 0.28 0.00	43.63 0.60 0.00	61.71 1.51 0.00	77.20 2.03 0.00	64.49 1.12 -0.94	45.77 0.23 -0.55	37.92 -0.07 -0.52	34.66 -0.07 0.00	33.49 0.03 -0.15	30.75 -0.03 -0.82	30.02 -0.03 -0.69	28.43 -0.12 -4.62	37.82 0.26 0.00	46.64 0.51 0.00	52.84 0.83 0.00	64.93 1.52 0.00	54.29 0.80 0.00	46.95 0.65 0.00	40.55 0.64 0.00	36.01 0.53 0.00
IP___TICONDEROGA 23804	41.82 0.78 0.00	39.72 0.74 0.00	38.38 0.79 0.00	38.15 0.82 0.00	40.49 0.75 0.00	44.40 1.38 0.00	63.09 2.89 0.00	78.86 3.68 0.00	65.50 2.12 -0.95	46.10 0.54 -0.55	37.97 -0.04 -0.53	34.63 -0.10 0.00	33.46 0.00 -0.15	30.73 -0.06 -0.82	29.97 -0.09 -0.69	28.46 -0.14 -4.67	37.89 0.34 0.00	46.97 0.83 0.00	53.62 1.61 0.00	66.20 2.79 0.00	55.20 1.71 0.00	47.60 1.30 0.00	41.07 1.16 0.00	36.37 0.89 0.00

ISLIP_RES_REC 323679	45.07 4.02 -0.01	42.64 3.66 0.00	40.99 3.38 -0.01	40.65 3.32 0.00	43.19 3.46 0.00	47.20 4.17 -0.01	67.71 6.20 -1.31	83.59 5.04 -3.38	72.41 4.18 -5.80	51.86 4.59 -2.27	43.69 4.05 -2.17	38.56 3.82 -0.01	37.37 3.43 -0.62	36.39 3.06 -3.37	35.34 3.14 -2.83	45.02 1.99 -19.10	41.79 4.17 -0.07	51.10 4.57 -0.40	58.32 4.94 -1.37	73.04 6.28 -3.36	60.71 5.46 -1.77	51.32 4.59 -0.43	44.13 4.15 -0.07	38.86 3.37 -0.01
JAMAICA__27_KV_LOAD 355505	43.09 2.05 0.00	40.61 1.64 0.00	39.06 1.47 0.00	38.56 1.23 0.00	41.00 1.27 0.00	44.96 1.94 0.00	63.40 3.19 0.00	79.38 4.21 0.00	69.77 3.43 -3.91	50.16 2.88 -2.27	42.12 2.47 -2.17	37.00 2.26 -0.01	36.09 2.17 -0.62	35.25 1.92 -3.36	34.13 1.94 -2.83	44.28 1.22 -19.13	40.22 2.67 0.00	49.70 3.55 -0.01	55.12 3.12 0.00	67.53 4.12 0.00	56.86 3.37 0.00	49.36 3.06 0.00	42.38 2.47 0.00	37.32 1.84 0.00
JANIS__SOLAR 323808	42.60 1.56 0.00	40.54 1.56 0.00	39.17 1.58 0.00	38.86 1.53 0.00	41.52 1.79 0.00	44.87 1.85 0.00	63.27 3.07 0.00	79.46 4.28 0.00	64.08 2.68 1.03	45.66 1.26 0.60	37.61 0.71 0.57	35.15 0.42 0.00	33.35 0.20 0.16	29.26 0.18 0.89	28.82 0.21 0.75	18.76 0.43 5.61	38.19 0.64 0.00	47.33 1.20 0.00	53.87 1.87 0.00	65.82 2.41 -0.01	55.47 1.98 -0.01	47.70 1.39 -0.01	40.83 0.92 0.00	36.22 0.75 0.00
JARVIS____ 23743	41.12 0.08 0.00	39.05 0.08 0.00	37.63 0.04 0.00	37.37 0.04 0.00	39.77 0.04 0.00	43.07 0.04 0.00	60.39 0.18 0.00	75.40 0.23 0.00	62.65 0.13 -0.10	45.05 0.05 0.00	37.51 0.04 0.00	34.77 0.03 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	23.93 0.00 0.00	37.63 0.08 0.00	46.23 0.09 0.00	52.11 0.10 0.00	63.54 0.13 0.00	53.59 0.11 0.00	46.35 0.05 0.00	39.95 0.04 0.00	35.51 0.04 0.00
JENNISON__1 23625	42.47 1.44 0.00	40.46 1.48 0.00	38.98 1.39 0.00	38.71 1.38 0.00	41.28 1.55 0.00	44.66 1.63 0.00	63.03 2.83 0.00	79.31 4.13 0.00	63.80 2.87 1.49	45.80 1.67 0.87	37.84 1.20 0.84	35.70 0.97 0.00	33.87 0.80 0.24	29.33 0.66 1.30	28.88 0.62 1.09	16.06 0.65 8.51	38.61 1.05 0.00	47.70 1.57 0.00	53.88 1.87 0.00	65.88 2.47 0.00	55.47 1.98 0.00	47.65 1.34 0.00	40.87 0.96 0.00	36.22 0.75 0.00
JENNISON__2 23626	42.47 1.44 0.00	40.46 1.48 0.00	38.98 1.39 0.00	38.71 1.38 0.00	41.28 1.55 0.00	44.66 1.63 0.00	63.03 2.83 0.00	79.31 4.13 0.00	63.80 2.87 1.49	45.80 1.67 0.87	37.84 1.20 0.84	35.70 0.97 0.00	33.87 0.80 0.24	29.33 0.66 1.30	28.88 0.62 1.09	16.06 0.65 8.51	38.61 1.05 0.00	47.70 1.57 0.00	53.88 1.87 0.00	65.88 2.47 0.00	55.47 1.98 0.00	47.65 1.34 0.00	40.87 0.96 0.00	36.22 0.75 0.00
JERICHO_RISE_WT_PWR 323719	39.97 -1.07 0.00	37.92 -1.05 0.00	36.73 -0.86 0.00	36.66 -0.67 0.00	39.30 -0.44 0.00	42.81 -0.21 0.00	59.60 -0.60 0.00	74.65 -0.52 0.00	62.65 0.00 -0.22	45.23 0.23 0.00	37.70 0.23 0.00	34.91 0.17 0.00	33.44 0.13 0.00	30.06 0.09 0.00	29.48 0.12 0.00	23.98 0.05 0.00	37.78 0.23 0.00	46.41 0.28 0.00	52.06 0.05 0.00	63.09 -0.32 0.00	53.22 -0.27 0.00	46.72 0.42 0.00	40.15 0.24 0.00	35.55 0.07 0.00
KATONAH__115KV_46KV_TB4 355592	43.21 2.17 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.05 1.72 0.00	41.36 1.63 0.00	45.22 2.19 0.00	64.12 3.91 0.00	79.99 4.81 0.00	69.87 4.24 -3.20	49.78 2.93 -1.85	41.51 2.25 -1.79	36.85 2.12 0.00	35.85 2.03 -0.51	34.49 1.74 -2.79	33.47 1.76 -2.35	40.87 1.12 -15.81	40.00 2.44 0.00	49.18 3.04 0.00	55.02 3.02 0.00	67.59 4.19 0.00	56.80 3.32 0.00	49.08 2.78 0.00	42.35 2.43 0.00	37.39 1.92 0.00
KCE_NY_1 323755	42.23 1.19 0.00	40.11 1.13 0.00	38.61 1.02 0.00	38.37 1.04 0.00	40.73 0.99 0.00	44.27 1.25 0.00	62.55 2.35 0.00	78.03 2.86 0.00	65.38 2.00 -0.96	46.64 1.08 -0.56	38.65 0.64 -0.54	35.32 0.59 0.00	34.16 0.70 -0.15	31.37 0.57 -0.84	30.59 0.53 -0.70	29.03 0.36 -4.74	38.53 0.97 0.00	47.47 1.34 0.00	53.62 1.61 0.00	65.88 2.47 0.00	55.20 1.71 0.00	47.74 1.44 0.00	41.23 1.32 0.00	36.65 1.17 0.00
KCE_NY_6_ESR 323823	38.90 -2.14 0.00	37.07 -1.91 0.00	36.32 -1.28 0.00	35.54 -1.79 0.00	37.83 -1.91 0.00	39.67 -3.36 0.00	54.31 -5.90 0.00	68.71 -6.47 0.00	56.35 -5.56 0.52	41.18 -3.64 0.18	34.62 -2.85 0.00	31.78 -2.95 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.72 -2.64 0.00	20.06 -1.17 2.70	33.42 -4.13 0.00	36.72 -5.44 3.97	46.07 -5.93 0.01	52.96 -7.35 3.10	47.35 -6.10 0.04	35.97 -5.51 4.82	35.24 -4.67 0.00	31.79 -3.69 0.00
KEDC_PORT_JEFF_GT2 24210	44.82 3.77 -0.01	42.44 3.47 0.00	40.76 3.16 -0.01	40.43 3.10 0.00	42.95 3.22 0.00	46.95 3.91 -0.01	67.18 5.72 -1.26	82.56 4.13 -3.25	71.96 3.81 -5.73	51.59 4.32 -2.27	43.42 3.78 -2.17	38.32 3.58 -0.01	37.16 3.23 -0.62	36.21 2.88 -3.37	35.16 2.96 -2.83	44.88 1.84 -19.10	41.53 3.91 -0.07	50.76 4.24 -0.38	57.85 4.52 -1.32	72.09 5.45 -3.22	60.21 5.03 -1.70	50.97 4.26 -0.41	43.85 3.87 -0.07	38.64 3.16 -0.01
KEDC_PORT_JEFF_GT3 24211	44.82 3.77 -0.01	42.44 3.47 0.00	40.76 3.16 -0.01	40.43 3.10 0.00	42.95 3.22 0.00	46.95 3.91 -0.01	67.18 5.72 -1.26	82.56 4.13 -3.25	71.96 3.81 -5.73	51.59 4.32 -2.27	43.42 3.78 -2.17	38.32 3.58 -0.01	37.16 3.23 -0.62	36.21 2.88 -3.37	35.16 2.96 -2.83	44.88 1.84 -19.10	41.53 3.91 -0.07	50.76 4.24 -0.38	57.85 4.52 -1.32	72.09 5.45 -3.22	60.21 5.03 -1.70	50.97 4.26 -0.41	43.85 3.87 -0.07	38.64 3.16 -0.01
KEDC_GLWD_GT4 24219	43.80 2.75 -0.01	41.43 2.46 0.00	39.79 2.18 -0.01	39.50 2.16 0.00	41.88 2.14 0.00	45.66 2.62 -0.01	64.12 3.91 0.00	79.01 3.83 0.00	69.39 3.06 -3.91	50.29 3.02 -2.27	42.30 2.66 -2.17	37.24 2.50 -0.01	36.47 2.53 -0.63	35.59 2.25 -3.37	34.43 2.23 -2.84	44.52 1.48 -19.10	40.67 3.01 -0.11	49.60 3.46 -0.01	55.50 3.48 -0.01	67.80 4.37 -0.01	57.35 3.85 -0.01	49.65 3.34 -0.01	42.97 2.95 -0.11	37.94 2.45 -0.01
KEDC_GLWD_GTS 24220	43.80 2.75 -0.01	41.43 2.46 0.00	39.79 2.18 -0.01	39.50 2.16 0.00	41.88 2.14 0.00	45.66 2.62 -0.01	64.12 3.91 0.00	79.01 3.83 0.00	69.39 3.06 -3.91	50.29 3.02 -2.27	42.30 2.66 -2.17	37.24 2.50 -0.01	36.47 2.53 -0.63	35.59 2.25 -3.37	34.43 2.23 -2.84	44.52 1.48 -19.10	40.67 3.01 -0.11	49.60 3.46 -0.01	55.50 3.48 -0.01	67.80 4.37 -0.01	57.35 3.85 -0.01	49.65 3.34 -0.01	42.97 2.95 -0.11	37.94 2.45 -0.01
KENSICO____ 23655	43.09 2.05 0.00	40.77 1.79 0.00	39.25 1.65 0.00	38.86 1.53 0.00	41.24 1.51 0.00	45.00 1.98 0.00	63.64 3.43 0.00	79.23 4.06 0.00	69.59 3.18 -3.98	49.92 2.61 -2.30	41.88 2.21 -2.20	36.78 2.05 0.00	35.90 1.97 -0.63	35.13 1.74 -3.42	33.97 1.73 -2.88	44.47 1.08 -19.46	39.96 2.40 0.00	49.13 3.00 0.00	54.86 2.86 0.00	67.28 3.87 0.00	56.59 3.10 0.00	48.99 2.69 0.00	42.27 2.35 0.00	37.32 1.84 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.46 2.42 0.00	41.16 2.18 0.00	39.59 1.99 0.00	39.27 1.94 0.00	41.64 1.91 0.00	45.48 2.45 0.00	64.42 4.21 0.00	80.21 5.04 0.00	66.66 3.75 -0.49	47.65 2.48 -0.17	39.38 1.91 0.00	36.47 1.74 0.00	34.98 1.67 0.00	31.44 1.47 0.00	30.86 1.50 0.00	24.89 0.96 0.00	39.70 2.14 0.00	49.13 3.00 0.00	54.92 2.91 0.00	67.47 4.06 0.00	56.75 3.26 0.00	49.03 2.73 0.00	42.27 2.35 0.00	37.43 1.95 0.00
KIAC_JFK_GT1 23816	42.84 1.81 0.00	40.38 1.40 0.00	38.83 1.24 0.00	38.34 1.01 0.00	40.77 1.03 0.00	44.70 1.68 0.00	62.73 2.53 0.00	78.56 3.38 0.00	69.08 2.75 -3.91	49.89 2.61 -2.27	41.89 2.25 -2.17	36.82 2.08 -0.01	35.92 2.00 -0.62	35.10 1.77 -3.36	33.95 1.76 -2.83	44.14 1.08 -19.13	40.00 2.44 0.00	49.42 3.28 -0.01	54.55 2.55 0.00	66.90 3.49 0.00	56.27 2.78 0.00	49.08 2.78 0.00	42.11 2.20 0.00	37.11 1.63 0.00
KIAC_JFK_GT2 23817	42.84 1.81 0.00	40.38 1.40 0.00	38.83 1.24 0.00	38.34 1.01 0.00	40.77 1.03 0.00	44.70 1.68 0.00	62.73 2.53 0.00	78.56 3.38 0.00	69.08 2.75 -3.91	49.89 2.61 -2.27	41.89 2.25 -2.17	36.82 2.08 -0.01	35.92 2.00 -0.62	35.10 1.77 -3.36	33.95 1.76 -2.83	44.14 1.08 -19.13	40.00 2.44 0.00	49.42 3.28 -0.01	54.55 2.55 0.00	66.90 3.49 0.00	56.27 2.78 0.00	49.08 2.78 0.00	42.11 2.20 0.00	37.11 1.63 0.00
KIAC_JFK____ 323774	42.84 1.80 0.00	40.38 1.40 0.00	38.72 1.13 0.00	38.34 1.01 0.00	40.76 1.03 0.00	44.62 1.59 0.00	62.79 2.59 0.00	78.33 3.16 0.00	68.96 2.62 -3.91	49.89 2.61 -2.27	41.89 2.25 -2.17	36.82 2.08 -0.01	35.92 2.00 -0.62	35.10 1.77 -3.36	33.95 1.76 -2.83	44.14 1.08 -19.13	40.00 2.44 0.00	49.47 3.32 -0.01	54.60 2.60 0.00	66.89 3.49 0.00	56.48 2.99 0.00	49.03 2.73 0.00	42.18 2.27 0.00	37.15 1.67 0.00
KINTIGH_24_KV_GSU 356498	38.78 -2.26 0.00	36.91 -2.07 0.00	36.13 -1.47 0.00	35.43 -1.90 0.00	37.66 -2.07 0.00	39.80 -3.23 0.00	54.31 -5.90 0.00	68.56 -6.62 0.00	56.61 -5.37 0.45	41.24 -3.60 0.16	34.66 -2.81 0.00	31.85 -2.88 0.00	30.48 -2.83 0.00	27.48 -2.49 0.00	26.81 -2.55 0.00	20.47 -1.15 2.31	33.72 -3.83 0.00	37.70 -5.08 3.36	46.54 -5.46 0.01	53.50 -7.23 2.68	47.79 -5.67 0.02	36.95 -5.18 4.17	35.68 -4.23 0.00	32.18 -3.30 0.00
KINTIGH____ 23543	38.78 -2.26 0.00	36.91 -2.07 0.00	35.56 -2.03 0.00	35.35 -1.98 0.00	37.67 -2.07 0.00	39.24 -3.79 0.00	53.58 -6.62 0.00	67.58 -7.59 0.00	56.23 -5.74 0.45	41.25 -3.60 0.16	34.70 -2.77 0.00	31.85 -2.88 0.00	30.48 -2.83 0.00	27.48 -2.61 0.00	26.75 -1.15 2.31	20.47 -1.15 0.00	33.72 -3.83 0.00	37.75 -5.03 3.36	46.48 -5.51 0.01	53.63 -7.10 2.68	47.90 -5.56 0.02	36.77 -5.37 4.17	35.76 -4.15 0.00	32.18 -3.30 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.71 -0.33 0.00	38.58 -0.39 0.00	37.41 -0.19 0.00	37.29 -0.04 0.00	40.05 0.32 0.00	43.63 0.60 0.00	60.93 0.72 0.00	76.15 0.98 0.00	63.61 1.19 0.00	45.99 0.99 0.00	38.33 0.86 0.00	35.46 0.73 0.00	33.94 0.63 0.00	30.51 0.54 0.00	29.92 0.56 0.00	24.39 0.45 0.00	38.38 0.83 0.00	47.29 1.15 0.00	53.20 1.20 0.00	64.11 0.70 0.00	54.50 1.02 0.00	47.65 1.34 0.00	40.87 0.96 0.00	36.12 0.64 0.00
LACHUTE__HYDRO 323717	41.81 0.78 0.00	39.71 0.74 0.00	38.27 0.68 0.00	38.15 0.82 0.00	40.49 0.75 0.00	44.27 1.25 0.00	63.09 2.89 0.00	78.86 3.68 0.00	65.37 2.00 -0.95	46.10 0.54 -0.55	38.00 0.00 -0.53	34.63 -0.10 0.00	33.46 0.00 -0.15	30.73 -0.06 -0.82	29.94 -0.12 -0.69	28.46 -0.14 -4.67	37.89 0.34 0.00	46.97 0.83 0.00	53.62 1.61 0.00	66.27 2.86 0.00	55.31 1.82 0.00	47.55 1.25 0.00	41.07 1.16 0.00	36.37 0.89 0.00
LAWRNCV_115KV_TB1 80681	39.93 -1.11 0.00	37.88 -1.09 0.00	36.65 -0.94 0.00	36.47 -0.86 0.00	39.14 -0.60 0.00	42.55 -0.47 0.00	59.24 -0.96 0.00	74.05 -1.13 0.00	65.52 -0.81 -3.91	44.46 -0.54 0.00	36.95 -0.52 0.00	34.18 -0.56 0.00	32.71 -0.60 0.00	29.37 -0.60 0.00	28.83 -0.53 0.00	23.48 -0.45 0.00	37.10 -0.45 0.00	45.72 -0.42 0.00	51.54 -0.47 0.00	62.14 -1.27 0.00	52.85 -0.64 0.00	46.30 0.00 0.00	39.71 -0.20 0.00	35.09 -0.39 0.00
LEDERLE____ 23769	42.97 1.93 0.00	40.69 1.71 0.00	39.17 1.58 0.00	38.79 1.46 0.00	41.16 1.43 0.00	44.92 1.89 0.00	63.58 3.37 0.00	79.08 3.91 0.00	55.38 3.00 10.04	45.32 2.43 2.12	42.85 2.02 -3.36	36.61 1.88 0.00	36.07 1.80 -0.96	36.81 1.62 -5.22	35.37 1.61 -4.39	50.81 1.01 -25.87	39.81 2.25 0.00	49.00 2.86 0.00	54.71 2.70 0.00	67.02 3.61 0.00	56.43 2.94 0.00	48.80 2.50 0.00	42.15 2.23 0.00	37.22 1.74 0.00
LIGHTHSE_115KV_TB6 355974	40.38 -0.66 0.00	38.43 -0.55 0.00	37.07 -0.53 0.00	36.85 -0.49 0.00	39.45 -0.28 0.00	42.76 -0.26 0.00	60.26 0.06 0.00	75.70 0.53 0.00	63.05 0.12 -0.50	44.46 -0.54 0.00	36.80 -0.67 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.55 -0.38 0.00	36.99 -0.56 0.00	45.72 -0.42 0.00	51.90 -0.10 0.00	63.54 0.13 0.00	53.49 0.00 0.00	46.21 -0.09 0.00	39.43 -0.48 0.00	34.88 -0.60 0.00
LINDEN COGEN____ 23786	29.73 2.05 13.36	29.73 1.76 11.00	29.73 1.51 9.37	29.73 1.42 9.02	29.73 1.43 11.43	29.73 1.89 15.18	46.53 3.43 17.10	54.25 3.98 24.91	36.29 3.31 29.44	29.73 2.88 18.16	29.56 2.47 10.39	27.21 2.26 9.78	26.11 2.16 9.36	25.41 1.92 6.48	25.12 1.91 6.15	26.61 1.20 -1.48	29.73 2.59 10.41	29.73 3.32 19.73	45.05 3.02 9.97	53.41 3.93 13.93	46.76 3.37 10.10	45.70 2.82 3.43	30.02 2.43 12.33	30.81 1.88 6.55
LINDHRST_69_KV_BK1 356055	44.53 3.49 -0.01	42.13 3.16 0.00	40.61 3.01 -0.01	40.17 2.84 0.00	42.67 2.94 0.00	46.60 3.57 -0.01	65.91 5.24 -0.47	81.11 4.74 -1.20	70.44 3.43 -4.58	51.23 3.96 -2.27	43.12 3.48 -2.17	38.04 3.30 -0.01	36.93 3.00 -0.62	36.00 2.67 -3.37	34.90 2.70 -2.83	44.80 1.77 -19.10	41.24 3.61 -0.08	50.25 3.97 -0.15	56.87 4.37 -0.50	70.32 5.71 -1.20	58.78 4.65 -0.64	50.49 4.03 -0.16	43.62 3.63 -0.08	38.47 2.98 -0.01
LIPA_MISC_IPP 23656	44.82 3.78 -0.01	42.48 3.51 0.00	40.95 3.35 -0.01	40.50 3.17 0.00	43.11 3.38 0.00	47.12 4.09 -0.01	67.47 5.72 -1.55	83.77 4.59 -4.01	71.76 3.18 -6.15	51.55 4.28 -2.27	43.39 3.75 -2.17	38.35 3.61 -0.01	37.13 3.20 -0.62	36.24 2.91 -3.37	35.19 2.99 -2.83	44.78 1.75 -19.10	41.53 3.91 -0.07	50.90 4.29 -0.47	57.95 4.32 -1.63	72.97 5.58 -3.98	60.23 4.65 -2.09	50.93 4.12 -0.51	43.73 3.75 -0.07	38.36 2.87 -0.01
LISF__SOLAR 323691	44.95 3.90 -0.01	42.56 3.58 0.00	40.91 3.31 -0.01	40.58 3.25 0.00	43.15 3.42 0.00	47.16 4.13 -0.01	67.73 6.02 -1.50	83.64 4.59 -3.88	72.19 3.68 -6.08	51.69 4.41 -2.27	43.50 3.86 -2.17	38.42 3.68 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.25 3.05 -2.83	44.83 1.80 -19.10	41.60 3.98 -0.07	50.98 4.39 -0.46	58.00 4.42 -1.57	73.03 5.77 -3.85	60.49 4.98 -2.03	51.05 4.26 -0.49	43.85 3.87 -0.07	38.64 3.16 -0.01

LITTLE FALLS___HYD 24013	41.45 0.41 0.00	39.40 0.43 0.00	38.08 0.49 0.00	37.85 0.52 0.00	40.37 0.64 0.00	43.80 0.77 0.00	61.53 1.32 0.00	76.90 1.73 0.00	63.90 1.37 -0.10	45.86 0.86 0.00	38.15 0.67 0.00	35.32 0.59 0.00	33.84 0.53 0.00	30.39 0.42 0.00	29.74 0.38 0.00	24.24 0.31 0.00	38.08 0.53 0.00	46.83 0.69 0.00	52.73 0.73 0.00	64.36 0.95 0.00	54.13 0.64 0.00	46.81 0.51 0.00	40.31 0.40 0.00	35.80 0.32 0.00
LITTLRIV_115KV_TB1 356100	40.38 -0.66 0.00	38.31 -0.66 0.00	37.03 -0.56 0.00	36.88 -0.45 0.00	39.57 -0.16 0.00	43.07 0.04 0.00	60.08 -0.12 0.00	75.02 -0.15 0.00	65.91 -0.25 -3.73	44.73 -0.27 0.00	37.14 -0.34 0.00	34.31 -0.42 0.00	32.81 -0.50 0.00	29.46 -0.51 0.00	28.95 -0.41 0.00	23.60 -0.34 0.00	37.37 -0.19 0.00	46.14 0.00 0.00	52.11 0.10 0.00	62.84 -0.57 0.00	53.49 0.00 0.00	46.86 0.56 0.00	40.15 0.24 0.00	35.44 -0.04 0.00
LI_NEWBRDGE___DRP 323616	43.75 2.71 -0.01	41.43 2.46 0.00	39.90 2.29 -0.01	39.50 2.17 0.00	41.96 2.23 0.00	45.74 2.71 -0.01	64.24 4.03 0.00	78.71 3.53 0.00	68.89 2.56 -3.91	50.42 3.15 -2.27	42.37 2.74 -2.17	37.38 2.64 -0.01	36.36 2.43 -0.62	35.49 2.16 -3.37	34.37 2.17 -2.83	44.40 1.36 -19.10	40.47 2.85 -0.06	49.19 3.04 -0.01	55.29 3.28 -0.01	67.79 4.38 -0.01	56.97 3.48 -0.01	49.37 3.06 -0.01	42.77 2.79 -0.06	37.79 2.31 -0.01
LOCKPORT_115KV_TB60_63_64 80432	38.25 -2.79 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.31 -2.42 0.00	38.42 -4.60 0.00	52.38 -7.83 0.00	66.23 -8.95 0.00	55.03 -6.93 0.47	40.43 -4.41 0.16	34.17 -3.30 0.00	31.29 -3.44 0.00	29.91 -3.40 0.00	27.00 -2.97 0.00	26.25 -3.11 0.00	20.11 -1.39 2.43	33.01 -4.54 0.00	37.41 -6.00 2.72	45.49 -6.50 0.01	52.44 -8.18 2.79	46.94 -6.53 0.03	36.01 -5.97 4.32	34.96 -4.95 0.00	31.54 -3.94 0.00
LOCKPORT___CC1 323769	38.21 -2.83 0.00	36.40 -2.57 0.00	35.72 -1.88 0.00	34.94 -2.39 0.00	37.19 -2.54 0.00	39.02 -4.00 0.00	53.10 -7.10 0.00	67.20 -7.97 0.00	55.33 -6.62 0.47	40.34 -4.50 0.17	34.10 -3.37 0.00	31.29 -3.44 0.00	29.91 -3.40 0.00	27.00 -2.97 0.00	26.31 -3.05 0.00	20.09 -1.39 2.45	32.97 -4.58 0.00	37.16 -6.04 2.93	45.44 -6.55 0.01	52.32 -8.24 2.85	46.77 -6.69 0.03	35.92 -5.97 4.41	34.88 -5.03 0.00	31.51 -3.97 0.00
LOCKPORT___CC2 323770	38.21 -2.83 0.00	36.40 -2.57 0.00	35.72 -1.88 0.00	34.94 -2.39 0.00	37.19 -2.54 0.00	39.02 -4.00 0.00	53.10 -7.10 0.00	67.20 -7.97 0.00	55.33 -6.62 0.47	40.34 -4.50 0.17	34.10 -3.37 0.00	31.29 -3.44 0.00	29.91 -3.40 0.00	27.00 -2.97 0.00	26.31 -3.05 0.00	20.09 -1.39 2.45	32.97 -4.58 0.00	37.16 -6.04 2.93	45.44 -6.55 0.01	52.32 -8.24 2.85	46.77 -6.69 0.03	35.92 -5.97 4.41	34.88 -5.03 0.00	31.51 -3.97 0.00
LOCKPORT___CC3 323771	38.21 -2.83 0.00	36.40 -2.57 0.00	35.72 -1.88 0.00	34.94 -2.39 0.00	37.19 -2.54 0.00	39.02 -4.00 0.00	53.10 -7.10 0.00	67.20 -7.97 0.00	55.33 -6.62 0.47	40.34 -4.50 0.17	34.10 -3.37 0.00	31.29 -3.44 0.00	29.91 -3.40 0.00	27.00 -2.97 0.00	26.31 -3.05 0.00	20.09 -1.39 2.45	32.97 -4.58 0.00	37.16 -6.04 2.93	45.44 -6.55 0.01	52.32 -8.24 2.85	46.77 -6.69 0.03	35.92 -5.97 4.41	34.88 -5.03 0.00	31.51 -3.97 0.00
LOCUSVLY_69_KV_BK2 55797	44.04 3.00 -0.01	41.66 2.69 0.00	40.13 2.52 -0.01	39.72 2.39 0.00	42.16 2.42 0.00	46.00 2.97 -0.01	64.28 4.39 0.32	78.63 4.28 0.83	69.05 3.18 -3.44	50.74 3.47 -2.27	42.64 3.00 -2.17	37.59 2.85 -0.01	36.64 2.70 -0.63	35.73 2.40 -3.37	34.61 2.41 -2.84	44.61 1.58 -19.10	40.85 3.19 -0.10	49.60 3.55 0.09	55.42 3.74 0.32	67.48 4.88 0.81	57.02 3.96 0.42	49.68 3.47 0.09	43.16 3.15 -0.10	38.08 2.59 -0.01
LONG_LAKE_PHOENIX 24014	40.50 -0.53 0.00	38.47 -0.51 0.00	37.11 -0.49 0.00	36.85 -0.49 0.00	39.30 -0.44 0.00	42.38 -0.65 0.00	59.36 -0.84 0.00	74.35 -0.83 0.00	61.86 -0.69 -0.12	44.42 -0.59 0.00	37.02 -0.45 0.00	34.24 -0.49 0.00	32.81 -0.50 0.00	29.55 -0.42 0.00	28.92 -0.44 0.00	23.72 -0.22 0.00	36.95 -0.60 0.00	45.40 -0.74 0.00	51.17 -0.83 0.00	62.46 -0.95 0.00	52.68 -0.80 0.00	45.52 -0.79 0.00	39.19 -0.72 0.00	34.84 -0.64 0.00
LOVETT___3 23632	42.84 1.81 0.00	40.57 1.60 0.00	39.02 1.43 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.74 1.72 0.00	63.22 3.01 0.00	78.78 3.61 0.00	54.95 2.75 10.22	44.87 2.25 2.38	42.26 1.91 -2.87	36.54 1.81 0.00	35.83 1.70 -0.82	35.96 1.53 -4.47	34.62 1.50 -3.76	48.81 0.91 -23.97	39.66 2.10 0.00	48.81 2.68 0.00	54.50 2.50 0.00	66.83 3.42 0.00	56.22 2.73 0.00	48.66 2.36 0.00	41.99 2.08 0.00	37.11 1.63 0.00
LOVETT___4 23642	42.84 1.81 0.00	40.57 1.60 0.00	39.02 1.43 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.74 1.72 0.00	63.22 3.01 0.00	78.78 3.61 0.00	54.95 2.75 10.22	44.87 2.25 2.38	42.26 1.91 -2.87	36.54 1.81 0.00	35.83 1.70 -0.82	35.96 1.53 -4.47	34.62 1.50 -3.76	48.81 0.91 -23.97	39.66 2.10 0.00	48.81 2.68 0.00	54.50 2.50 0.00	66.83 3.42 0.00	56.22 2.73 0.00	48.66 2.36 0.00	41.99 2.08 0.00	37.11 1.63 0.00
LOVETT___5 23593	42.84 1.81 0.00	40.57 1.60 0.00	39.02 1.43 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.74 1.72 0.00	63.22 3.01 0.00	78.78 3.61 0.00	54.95 2.75 10.22	44.87 2.25 2.38	42.26 1.91 -2.87	36.54 1.81 0.00	35.83 1.70 -0.82	35.96 1.53 -4.47	34.62 1.50 -3.76	48.81 0.91 -23.97	39.66 2.10 0.00	48.81 2.68 0.00	54.50 2.50 0.00	66.83 3.42 0.00	56.22 2.73 0.00	48.66 2.36 0.00	41.99 2.08 0.00	37.11 1.63 0.00
LOWER RAQUET___HYD 24057	39.68 -1.35 0.00	37.65 -1.33 0.00	36.39 -1.20 0.00	36.29 -1.05 0.00	38.90 -0.84 0.00	42.33 -0.69 0.00	58.82 -1.38 0.00	73.52 -1.65 0.00	64.87 -1.12 -3.56	44.19 -0.81 0.00	36.72 -0.75 0.00	33.97 -0.76 0.00	32.51 -0.80 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.33 -0.60 0.00	36.92 -0.64 0.00	45.49 -0.65 0.00	51.01 -0.99 0.00	61.89 -1.52 0.00	52.20 -1.28 0.00	46.07 -0.23 0.00	39.51 -0.40 0.00	34.87 -0.60 0.00
LOWER___HUDSON 24059	41.98 0.94 0.00	39.91 0.93 0.00	38.38 0.79 0.00	38.15 0.82 0.00	40.45 0.72 0.00	43.93 0.90 0.00	62.07 1.87 0.00	77.28 2.10 0.00	65.03 1.50 -1.11	46.55 0.90 -0.65	38.62 0.52 -0.62	35.29 0.55 0.00	34.19 0.70 -0.18	31.50 0.57 -0.97	30.70 0.53 -0.81	29.67 0.26 -5.48	38.57 1.01 0.00	47.33 1.20 0.00	53.20 1.20 0.00	65.38 1.97 0.00	54.77 1.28 0.00	47.50 1.20 0.00	41.07 1.16 0.00	36.54 1.06 0.00
LOWVILLE_115KV_TB2 356335	40.58 -0.45 0.00	38.66 -0.31 0.00	37.41 -0.19 0.00	37.22 -0.11 0.00	40.01 0.28 0.00	43.54 0.52 0.00	61.35 1.14 0.00	77.13 1.95 0.00	64.73 1.19 -1.12	45.32 0.32 0.00	37.51 0.04 0.00	34.66 -0.07 0.00	33.14 -0.17 0.00	29.79 -0.18 0.00	29.21 -0.15 0.00	23.93 0.00 0.00	37.78 0.23 0.00	46.74 0.60 0.00	53.04 1.04 0.00	64.80 1.40 0.00	54.40 0.91 0.00	47.04 0.74 0.00	39.95 0.04 0.00	35.19 -0.28 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	42.19 1.15 0.00	40.07 1.09 0.00	38.68 1.09 0.00	38.38 1.05 0.00	40.73 0.99 0.00	44.36 1.33 0.00	62.55 2.35 0.00	78.11 2.93 0.00	65.39 2.00 -0.96	46.60 1.04 -0.56	38.61 0.60 -0.54	35.32 0.59 0.00	34.16 0.70 -0.15	31.37 0.57 -0.84	30.62 0.56 -0.70	29.01 0.34 -4.74	38.53 0.98 0.00	47.43 1.29 0.00	53.56 1.56 0.00	65.82 2.41 0.00	55.09 1.60 0.00	47.69 1.39 0.00	41.19 1.28 0.00	36.65 1.17 0.00
LUTHERNY_35_KV_BK2 355980	42.23 1.19 0.00	40.10 1.13 0.00	38.68 1.09 0.00	38.41 1.08 0.00	40.73 0.99 0.00	44.36 1.33 0.00	62.61 2.41 0.00	78.11 2.93 0.00	65.45 2.06 -0.96	46.64 1.08 -0.56	38.65 0.64 -0.54	35.32 0.59 0.00	34.16 0.70 -0.15	31.37 0.57 -0.84	30.62 0.56 -0.70	29.03 0.36 -4.74	38.53 0.98 0.00	47.47 1.34 0.00	53.62 1.61 0.00	65.82 2.41 0.00	55.15 1.66 0.00	47.74 1.44 0.00	41.23 1.32 0.00	36.65 1.17 0.00
LWR__OSWEGATCHIE_HYD 23850	39.81 -1.23 0.00	37.88 -1.09 0.00	36.62 -0.98 0.00	36.43 -0.90 0.00	39.14 -0.60 0.00	42.59 -0.43 0.00	59.72 -0.48 0.00	74.87 -0.30 0.00	64.41 -0.50 -2.49	44.33 -0.68 0.00	36.76 -0.71 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.38 -0.55 0.00	36.99 -0.56 0.00	45.72 -0.42 0.00	51.74 -0.26 0.00	62.84 -0.57 0.00	53.11 -0.37 0.00	46.21 -0.09 0.00	39.43 -0.48 0.00	34.77 -0.71 0.00
LYONS_FALL_HYD 23570	41.00 -0.04 0.00	39.05 0.08 0.00	37.71 0.11 0.00	37.48 0.15 0.00	40.17 0.44 0.00	43.67 0.65 0.00	61.47 1.27 0.00	77.20 2.03 0.00	64.48 1.31 -0.74	45.50 0.50 0.00	37.74 0.26 0.00	34.87 0.14 0.00	33.38 0.07 0.00	30.00 0.03 0.00	29.42 0.06 0.00	24.05 0.12 0.00	37.93 0.38 0.00	46.83 0.69 0.00	53.04 1.04 0.00	64.87 1.46 0.00	54.45 0.96 0.00	47.09 0.79 0.00	40.15 0.24 0.00	35.48 0.00 0.00
MADISON__COUNTY_LFGE 323628	41.86 0.82 0.00	39.79 0.82 0.00	38.38 0.79 0.00	38.11 0.78 0.00	40.69 0.95 0.00	44.06 1.03 0.00	61.95 1.75 0.00	77.73 2.56 0.00	64.45 1.81 -0.22	45.95 0.95 0.00	38.18 0.71 0.00	35.29 0.56 0.00	33.78 0.47 0.00	30.39 0.42 0.00	29.77 0.41 0.00	24.39 0.45 0.00	38.23 0.68 0.00	47.15 1.01 0.00	53.30 1.30 0.00	65.12 1.71 0.00	54.82 1.34 0.00	47.37 1.06 0.00	40.63 0.72 0.00	36.05 0.57 0.00
MALONE__115KV_TB1 356076	40.46 -0.57 0.00	38.31 -0.66 0.00	37.11 -0.49 0.00	37.03 -0.30 0.00	39.73 0.00 0.00	43.28 0.26 0.00	60.45 0.24 0.00	75.63 0.45 0.00	64.23 0.75 -1.06	45.68 0.68 0.00	38.00 0.52 0.00	35.11 0.38 0.00	33.61 0.30 0.00	30.18 0.21 0.00	29.60 0.23 0.00	24.12 0.19 0.00	38.04 0.49 0.00	46.87 0.74 0.00	52.73 0.73 0.00	63.54 0.13 0.00	54.02 0.53 0.00	47.32 1.02 0.00	40.55 0.64 0.00	35.80 0.32 0.00
MAPLEWOD_115KV_TB3 80458	41.94 0.90 0.00	39.87 0.90 0.00	38.42 0.83 0.00	38.11 0.78 0.00	40.41 0.68 0.00	43.93 0.90 0.00	61.95 1.75 0.00	77.20 2.03 0.00	65.13 1.56 -1.15	46.62 0.95 -0.67	38.68 0.56 -0.64	35.36 0.63 0.00	34.26 0.77 -0.18	31.62 0.66 -1.00	30.81 0.62 -0.84	29.91 0.34 -5.64	38.57 1.01 0.00	47.34 1.20 0.00	53.15 1.14 0.00	65.25 1.84 0.00	54.66 1.18 0.00	47.46 1.16 0.00	41.03 1.12 0.00	36.58 1.10 0.00
MAPLE_RIDGE_WT_1 323574	40.26 -0.78 0.00	38.31 -0.66 0.00	37.07 -0.53 0.00	36.88 -0.45 0.00	39.37 -0.36 0.00	42.72 -0.30 0.00	59.79 -0.42 0.00	74.73 -0.45 0.00	62.08 -0.25 0.10	44.91 -0.09 0.00	37.40 -0.07 0.00	34.66 -0.07 0.00	33.21 -0.10 0.00	29.85 -0.12 0.00	29.24 -0.12 0.00	23.81 -0.12 0.00	37.41 -0.15 0.00	45.95 -0.18 0.00	51.64 -0.36 0.00	62.71 -0.70 0.00	52.74 -0.75 0.00	45.65 -0.65 0.00	39.19 -0.72 0.00	34.77 -0.71 0.00
MAPLE_RIDGE_WT_2 323611	40.26 -0.78 0.00	38.31 -0.66 0.00	37.07 -0.53 0.00	36.88 -0.45 0.00	39.37 -0.36 0.00	42.72 -0.30 0.00	59.79 -0.42 0.00	74.73 -0.45 0.00	62.08 -0.25 0.10	44.91 -0.09 0.00	37.40 -0.07 0.00	34.66 -0.07 0.00	33.21 -0.10 0.00	29.85 -0.12 0.00	29.24 -0.12 0.00	23.81 -0.12 0.00	37.41 -0.15 0.00	45.95 -0.18 0.00	51.64 -0.36 0.00	62.71 -0.70 0.00	52.74 -0.75 0.00	45.65 -0.65 0.00	39.19 -0.72 0.00	34.77 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	40.01 -1.02 0.00	37.96 -1.01 0.00	36.77 -0.83 0.00	36.70 -0.63 0.00	39.34 -0.40 0.00	42.85 -0.17 0.00	59.66 -0.54 0.00	74.73 -0.45 0.00	62.34 0.06 0.14	45.27 0.27 0.00	37.74 0.26 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.09 0.12 0.00	29.51 0.15 0.00	24.00 0.07 0.00	37.82 0.26 0.00	46.46 0.33 0.00	52.11 0.10 0.00	63.09 -0.32 0.00	53.27 -0.21 0.00	46.72 0.42 0.00	40.15 0.24 0.00	35.58 0.11 0.00
MARSHVLE_115KV_TB1 80742	42.55 1.52 0.00	40.38 1.40 0.00	38.95 1.35 0.00	38.71 1.38 0.00	41.16 1.43 0.00	44.96 1.94 0.00	63.76 3.55 0.00	79.53 4.36 0.00	64.85 2.06 -0.37	45.54 0.41 -0.13	37.44 -0.04 0.00	34.70 -0.03 0.00	33.28 -0.03 0.00	29.82 -0.15 0.00	29.39 0.03 0.00	23.96 0.02 0.00	37.97 0.41 0.00	47.47 1.34 0.00	54.29 2.29 0.00	66.90 3.49 0.00	56.05 2.57 0.00	48.29 1.99 0.00	41.71 1.80 0.00	36.90 1.42 0.00
MARSH_HILL_WT_PWR 323713	40.34 -0.70 0.00	38.47 -0.51 0.00	37.52 -0.08 0.00	37.07 -0.26 0.00	39.61 -0.12 0.00	42.08 -0.95 0.00	58.34 -1.87 0.00	73.52 -1.65 0.00	59.77 -2.00 0.66	43.38 -1.40 0.23	36.35 -1.12 0.00	33.38 -1.36 0.00	31.78 -1.53 0.00	28.47 -1.50 0.00	27.77 -1.59 0.00	19.89 -0.65 3.39	35.04 -2.52 0.00	60.34 -3.41 -17.62	48.41 -3.59 0.00	68.06 -4.76 -9.41	49.60 -4.01 -0.13	57.41 -3.71 -14.81	36.52 -3.39 0.00	32.78 -2.70 0.00
MCINTYRE_115KV_TB2 80467	40.91 -0.12 0.00	38.82 -0.16 0.00	37.56 -0.04 0.00	37.41 0.07 0.00	40.09 0.36 0.00	43.63 0.60 0.00	60.75 0.54 0.00	75.78 0.60 0.00	66.73 0.31 -4.00	45.09 0.09 0.00	37.44 -0.04 0.00	34.59 -0.14 0.00	33.08 -0.23 0.00	29.73 -0.24 0.00	29.21 -0.15 0.00	23.81 -0.12 0.00	37.71 0.15 0.00	46.60 0.46 0.00	52.73 0.73 0.00	63.60 0.19 0.00	54.18 0.70 0.00	47.46 1.16 0.00	40.67 0.76 0.00	35.90 0.43 0.00
MECO____69_KV_BK1 80468	43.25 2.22 0.00	41.00 2.03 0.00	39.59 1.99 0.00	39.35 2.02 0.00	41.84 2.11 0.00	45.73 2.71 0.00	64.84 4.64 0.00	80.89 5.71 0.00	65.95 3.00 -0.53	46.09 0.90 -0.18	37.77 0.30 0.00	34.94 0.21 0.00	33.58 0.27 0.00	30.09 0.12 0.00	29.62 0.26 0.00	26.73 0.24 -2.56	38.38 0.83 0.00	48.07 1.94 0.00	55.18 3.17 0.00	68.04 4.63 0.00	56.96 3.48 0.00	49.08 2.78 0.00	42.31 2.39 0.00	37.46 1.99 0.00
MENANDS__115KV_TB5 355628	41.82 0.78 0.00	39.75 0.78 0.00	38.31 0.71 0.00	38.00 0.67 0.00	40.25 0.52 0.00	43.75 0.73 0.00	61.71 1.51 0.00	76.90 1.73 0.00	64.89 1.31 -1.16	46.49 0.81 -0.67	38.61 0.49 -0.65	35.29 0.56 0.00	34.23 0.73 -0.18	31.57 0.60 -1.01	30.79 0.59 -0.85	29.90 0.26 -5.70	38.49 0.94 0.00	47.20 1.06 0.00	52.94 0.94 0.00	64.99 1.59 0.00	54.45 0.96 0.00	47.28 0.97 0.00	40.91 1.00 0.00	36.47 0.99 0.00

MG INDUSTRY___DRP	42.35	40.22	38.83	38.53	40.88	44.40	62.31	77.43	65.06	46.44	38.49	35.22	34.04	31.32	30.57	29.17	38.34	47.29	53.25	65.31	54.82	47.55	41.11	36.58	
24185	1.31	1.25	1.24	1.19	1.15	1.38	2.11	2.26	1.62	0.86	0.45	0.49	0.57	0.48	0.47	0.31	0.79	1.15	1.25	1.90	1.34	1.25	1.20	1.10	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.01	-0.59	-0.56	0.00	-0.16	-0.88	-0.74	-4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MID___OSWEGATCHIE_HYD	39.81	37.88	36.62	36.43	39.14	42.59	59.72	74.87	64.41	44.33	36.76	33.97	32.48	29.19	28.66	23.38	36.99	45.72	51.74	62.84	53.11	46.21	39.43	34.77	
23849	-1.23	-1.09	-0.98	-0.90	-0.60	-0.43	-0.48	-0.30	-0.50	-0.68	-0.71	-0.76	-0.83	-0.78	-0.70	-0.55	-0.56	-0.42	-0.26	-0.57	-0.37	-0.09	-0.48	-0.71	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MID___RAQUETTE_HYD	39.68	37.65	36.43	36.29	38.90	42.33	59.00	73.75	64.87	44.19	36.72	33.97	32.51	29.19	28.66	23.33	36.92	45.49	51.33	61.89	52.63	46.07	39.51	34.88	
23851	-1.35	-1.33	-1.17	-1.05	-0.83	-0.69	-1.20	-1.43	-1.12	-0.81	-0.75	-0.76	-0.80	-0.78	-0.70	-0.60	-0.64	-0.65	-0.68	-1.52	-0.86	-0.23	-0.40	-0.60	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MILLIKEN___1	41.86	39.79	38.35	38.11	40.69	43.75	61.47	77.05	63.07	45.54	38.07	35.15	33.61	30.21	29.60	20.89	37.89	47.13	52.78	64.70	54.40	47.38	40.35	35.83	
23584	0.82	0.82	0.75	0.78	0.95	0.73	1.26	1.88	1.31	0.77	0.60	0.42	0.30	0.24	0.23	0.38	0.34	0.51	0.78	1.01	0.91	0.65	0.44	0.35	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.23	0.00	0.00	0.00	0.00	0.00	0.00	3.43	0.00	-0.48	0.00	-0.27	-0.01	-0.43	0.00	0.00
MILLIKEN___2	41.86	39.79	38.35	38.11	40.69	43.75	61.47	77.05	63.07	45.54	38.07	35.15	33.61	30.21	29.60	20.89	37.89	47.13	52.78	64.70	54.40	47.38	40.35	35.83	
23585	0.82	0.82	0.75	0.78	0.95	0.73	1.26	1.88	1.31	0.77	0.60	0.42	0.30	0.24	0.23	0.38	0.34	0.51	0.78	1.01	0.91	0.65	0.44	0.35	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.23	0.00	0.00	0.00	0.00	0.00	0.00	3.43	0.00	-0.48	0.00	-0.27	-0.01	-0.43	0.00	0.00
MILLIKEN___DIESEL	41.86	39.79	38.35	38.11	40.69	43.75	61.47	77.05	63.07	45.54	38.07	35.15	33.61	30.21	29.60	20.89	37.89	47.13	52.78	64.70	54.40	47.38	40.35	35.83	
23629	0.82	0.82	0.75	0.78	0.95	0.73	1.26	1.88	1.31	0.77	0.60	0.42	0.30	0.24	0.23	0.38	0.34	0.51	0.78	1.01	0.91	0.65	0.44	0.35	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.66	0.23	0.00	0.00	0.00	0.00	0.00	0.00	3.43	0.00	-0.48	0.00	-0.27	-0.01	-0.43	0.00	0.00
MILLSEAT___LFGE	39.19	37.30	36.58	35.84	38.18	40.31	55.21	69.84	57.60	41.74	35.15	32.20	30.78	27.72	27.01	20.73	34.06	39.41	47.16	55.01	48.55	38.34	36.04	32.46	
323607	-1.85	-1.67	-1.01	-1.49	-1.55	-2.71	-5.00	-5.34	-4.37	-3.10	-2.32	-2.53	-2.53	-2.25	-2.35	-0.86	-3.49	-4.61	-4.83	-6.15	-4.92	-4.49	-3.87	-3.02	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.16	0.00	0.00	0.00	0.00	0.00	2.34	0.00	2.11	0.01	2.25	0.02	3.48	0.00	0.00	
MILLWOOD_138_KV_38W41_REV_LBMP_H	42.97	40.69	39.17	38.79	41.16	44.92	63.52	79.08	69.45	49.76	41.79	36.67	35.82	35.13	33.93	44.97	39.81	48.99	54.71	67.09	56.43	48.85	42.15	37.25	
345005	1.93	1.71	1.58	1.46	1.43	1.89	3.31	3.91	3.06	2.43	2.06	1.94	1.87	1.65	1.61	1.01	2.25	2.86	2.70	3.68	2.94	2.55	2.23	1.77	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.97	-2.33	-2.26	0.00	-0.64	-3.52	-2.96	-20.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MILLWOOD_13_KV_LOAD	43.09	40.81	39.29	38.90	41.24	45.05	63.76	79.38	69.70	49.90	41.91	36.74	35.89	35.19	34.02	45.04	39.92	49.09	54.86	67.34	56.64	48.94	42.23	37.32	
356217	2.05	1.83	1.69	1.57	1.51	2.02	3.55	4.21	3.31	2.57	2.17	2.01	1.93	1.71	1.70	1.08	2.37	2.95	2.86	3.93	3.16	2.64	2.31	1.84	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.97	-2.33	-2.26	0.00	-0.64	-3.52	-2.96	-20.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MODEL_CITY_ENERGY	37.92	36.09	35.45	34.68	36.87	38.68	52.50	66.46	54.77	39.97	33.73	30.95	29.58	26.70	26.01	19.82	32.60	36.51	44.87	51.69	46.24	35.50	34.52	31.18	
24167	-3.12	-2.88	-2.14	-2.65	-2.86	-4.34	-7.71	-8.72	-7.18	-4.86	-3.75	-3.78	-3.73	-3.27	-3.35	-1.63	-4.96	-6.55	-7.12	-8.88	-7.22	-6.39	-5.39	-4.29	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.17	0.00	0.00	0.00	0.00	0.00	2.48	0.00	3.07	0.01	2.84	0.03	4.41	0.00	0.00	
MODERN_LFGE___	37.92	36.09	35.45	34.68	36.87	38.68	52.50	66.46	54.77	39.97	33.73	30.95	29.58	26.70	26.01	19.82	32.60	36.51	44.87	51.69	46.24	35.50	34.52	31.18	
323580	-3.12	-2.88	-2.14	-2.65	-2.86	-4.34	-7.71	-8.72	-7.18	-4.86	-3.75	-3.78	-3.73	-3.27	-3.35	-1.63	-4.96	-6.55	-7.12	-8.88	-7.22	-6.39	-5.39	-4.29	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.17	0.00	0.00	0.00	0.00	0.00	2.48	0.00	3.07	0.01	2.84	0.03	4.41	0.00	0.00	
MOHAWK_PAPER___DRP	41.94	39.87	38.42	38.11	40.41	43.93	61.95	77.20	65.13	46.62	38.68	35.36	34.26	31.62	30.81	29.91	38.57	47.34	53.15	65.25	54.66	47.46	41.03	36.58	
24187	0.90	0.90	0.83	0.78	0.68	0.90	1.75	2.03	1.56	0.95	0.56	0.63	0.77	0.66	0.62	0.34	1.01	1.20	1.14	1.84	1.18	1.16	1.12	1.10	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.15	-0.67	-0.64	0.00	-0.18	-1.00	-0.84	-5.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MOHICAN_35_KV_115KV_LD	41.69	39.60	38.23	37.97	40.29	43.93	62.19	77.81	65.00	46.10	38.16	34.84	33.69	30.95	30.21	28.66	38.04	46.97	53.20	65.44	54.72	47.28	40.87	36.29	
80490	0.66	0.62	0.64	0.63	0.56	0.90	1.99	2.63	1.62	0.54	0.15	0.10	0.23	0.15	0.15	0.02	0.49	0.83	1.20	2.03	1.23	0.97	0.96	0.82	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.95	-0.56	-0.53	0.00	-0.15	-0.83	-0.70	-4.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MONGAUP___HYD	42.64	40.65	39.02	38.79	40.92	44.57	62.55	76.90	54.81	39.46	29.01	35.91	31.66	15.79	17.60	-38.88	39.17	47.79	53.30	65.44	55.15	47.78	41.59	37.04	
23641	1.60	1.67	1.43	1.45	1.19	1.55	2.35	1.73	1.25	1.62	1.31	1.18	1.13	1.02	1.03	0.67	1.61	1.66	1.30	2.03	1.66	1.48	1.68	1.56	
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.86	7.16	9.78	0.00	2.79	15.20	12.79	63.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
MONTAUK___DIESEL	44.78	42.44	41.06	40.73	43.51	47.85	69.13	85.65	73.35	52.67	44.32	39.08	37.56	36.51	35.39	44.85	41.68	50.94	57.97	73.09	60.31	50.97	43.69	38.18	
23721	3.73	3.47	3.46	3.40	3.77	4.82	7.41	6.54	4.81	5.40	4.68	4.34	3.63	3.18	3.20	1.82	4.06	4.34	4.37	5.77	4.76	4.17	3.71	2.70	
	-0.01	0.00	-0.01	0.00	0.00	-0.01	-1.52	-3.94	-6.11	-2.27	-2.17	-0.01	-0.62	-3.37	-2.83	-19.10	-0.07	-0.46	-1.60	-3.91	-2.06	-0.50	-0.07	-0.01	

MOONROAD_115KV_HARTFLD_TB1-2 355988	39.27 -1.76 0.00	37.42 -1.56 0.00	36.05 -1.54 0.00	35.84 -1.49 0.00	38.18 -1.55 0.00	39.62 -3.40 0.00	54.91 -5.30 0.00	69.16 -6.01 0.00	56.69 -5.18 0.56	41.70 -3.11 0.19	35.07 -2.40 0.00	32.16 -2.57 0.00	30.74 -2.56 0.00	27.78 -2.19 0.00	26.95 -2.41 0.00	20.30 -0.81 2.82	34.03 -3.53 0.00	37.65 -4.66 3.82	46.85 -5.15 0.01	54.06 -6.40 2.95	48.10 -5.35 0.03	36.76 -4.95 4.59	35.52 -4.39 0.00	31.97 -3.51 0.00
MORRIS_RIDGE___SOLAR 323848	39.68 -1.35 0.00	37.81 -1.17 0.00	36.84 -0.75 0.00	36.29 -1.05 0.00	38.66 -1.07 0.00	41.00 -2.02 0.00	56.71 -3.49 0.00	71.34 -3.83 0.00	58.12 -3.68 0.62	42.27 -2.52 0.22	35.45 -2.02 0.00	32.61 -2.12 0.00	31.11 -2.20 0.00	27.99 -1.98 0.00	27.33 -2.03 0.00	19.82 -0.91 3.20	34.55 -3.01 0.00	31.98 -3.97 10.18	47.84 -4.16 0.01	51.94 -5.26 6.21	48.97 -4.38 0.14	32.58 -4.03 9.70	36.40 -3.51 0.00	32.61 -2.87 0.00
MORTIMER_115KV_TB3 55949	40.38 -0.66 0.00	38.35 -0.62 0.00	37.03 -0.56 0.00	36.81 -0.52 0.00	39.26 -0.48 0.00	41.73 -1.29 0.00	57.92 -2.29 0.00	72.92 -2.26 0.00	60.61 -1.44 0.38	43.88 -0.99 0.13	36.80 -0.67 0.00	33.83 -0.90 0.00	32.38 -0.93 0.00	29.13 -0.84 0.00	28.42 -0.94 0.00	23.79 -0.14 0.00	36.20 -1.35 0.00	45.11 -1.85 -0.82	50.08 -1.92 0.00	61.55 -2.60 -0.74	51.56 -1.93 0.00	45.37 -2.08 -1.15	38.27 -1.64 0.00	34.17 -1.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	69.89 3.56 -3.91	50.20 2.93 -2.27	42.15 2.51 -2.17	37.07 2.33 -0.01	36.12 2.20 -0.62	35.28 1.95 -3.36	34.13 1.94 -2.83	44.30 1.24 -19.12	40.22 2.67 0.00	49.51 3.37 -0.01	55.18 3.17 0.00	67.59 4.19 0.00	56.86 3.37 0.00	49.27 2.96 0.00	42.46 2.55 0.00	37.50 2.02 0.00
MUNSVILLE_WIND_PWR 323609	43.29 2.26 0.00	41.31 2.34 0.00	39.96 2.37 0.00	39.65 2.32 0.00	42.40 2.66 0.00	45.95 2.93 0.00	65.20 4.99 0.00	82.24 7.06 0.00	65.97 4.81 1.26	46.83 2.56 0.73	38.49 1.72 0.71	36.08 1.35 0.00	34.14 1.03 0.20	29.74 0.87 1.10	29.29 0.85 0.92	17.80 0.93 7.07	39.10 1.54 0.00	48.49 2.35 0.00	55.12 3.12 0.00	67.28 3.87 0.00	56.54 3.05 0.00	48.39 2.09 0.00	41.35 1.43 0.00	36.58 1.10 0.00
N SALMON___HYD 24042	40.46 -0.57 0.00	38.31 -0.66 0.00	37.10 -0.49 0.00	37.03 -0.30 0.00	39.73 0.00 0.00	43.28 0.26 0.00	60.33 0.12 0.00	75.48 0.30 0.00	64.24 0.75 -1.06	45.68 0.68 0.00	38.00 0.52 0.00	35.11 0.38 0.00	33.61 0.30 0.00	30.18 0.21 0.00	29.59 0.23 0.00	24.12 0.19 0.00	38.04 0.49 0.00	46.87 0.74 0.00	52.47 0.47 0.00	63.54 0.13 0.00	53.70 0.21 0.00	47.28 0.97 0.00	40.55 0.64 0.00	35.80 0.32 0.00
N.AKRON___115KV_KNAPP 355671	39.11 -1.93 0.00	37.22 -1.75 0.00	35.94 -1.65 0.00	35.73 -1.61 0.00	38.14 -1.59 0.00	39.58 -3.44 0.00	54.24 -5.96 0.00	68.56 -6.62 0.00	57.04 -4.93 0.46	41.65 -3.20 0.16	35.11 -2.36 0.00	32.13 -2.60 0.00	30.71 -2.60 0.00	27.66 -2.31 0.00	26.89 -2.47 0.00	20.66 -0.91 2.36	33.99 -3.57 0.00	39.18 -4.71 2.25	46.95 -5.04 0.01	54.61 -6.34 2.46	48.54 -4.92 0.02	37.83 -4.68 3.80	36.04 -3.87 0.00	32.39 -3.09 0.00
N.E._GEN_SANDY PD 24062	42.27 1.23 0.00	40.14 1.17 0.00	38.53 0.94 0.00	38.34 1.01 0.00	40.61 0.87 0.00	44.10 1.08 0.00	62.55 2.35 0.00	77.65 2.48 0.00	66.34 1.87 -2.05	47.50 1.31 -1.19	39.48 0.86 -1.15	35.63 0.90 0.00	34.70 1.07 -0.33	32.65 0.90 -1.78	31.68 0.82 -1.50	34.44 0.41 -10.10	39.06 1.50 0.00	47.84 1.71 0.00	53.51 1.51 0.00	65.88 2.47 0.00	55.20 1.71 0.00	47.92 1.62 0.00	41.47 1.55 0.00	36.90 1.42 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.88 1.85 0.00	40.61 1.64 0.00	39.06 1.47 0.00	38.71 1.38 0.00	41.04 1.31 0.00	44.79 1.76 0.00	63.34 3.13 0.00	78.86 3.68 0.00	55.12 2.81 10.11	45.07 2.30 2.23	42.56 1.95 -3.14	36.54 1.81 0.00	35.94 1.73 -0.89	36.38 1.53 -4.88	34.99 1.53 -4.11	49.98 0.93 -25.11	39.70 2.14 0.00	48.86 2.72 0.00	54.55 2.55 0.00	66.90 3.49 0.00	56.27 2.78 0.00	48.71 2.41 0.00	42.03 2.12 0.00	37.15 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	43.55 2.50 -0.01	41.24 2.26 -0.01	39.71 2.11 -0.01	39.32 1.98 -0.01	41.69 1.95 -0.01	45.53 2.50 -0.01	64.00 3.79 0.00	79.68 4.51 0.00	69.83 3.50 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.74 3.60 -0.01	55.28 3.28 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.69 3.38 -0.01	42.79 2.87 -0.01	37.76 2.27 -0.01
N.TROY___115KV_TB1 355778	41.98 0.94 0.00	39.91 0.94 0.00	38.50 0.90 0.00	38.15 0.82 0.00	40.45 0.72 0.00	44.01 0.99 0.00	62.13 1.93 0.00	77.35 2.18 0.00	65.16 1.62 -1.11	46.55 0.90 -0.65	38.58 0.49 -0.62	35.29 0.56 0.00	34.19 0.70 -0.18	31.50 0.57 -0.97	30.73 0.56 -0.81	29.67 0.26 -5.48	38.57 1.01 0.00	47.34 1.20 0.00	53.20 1.20 0.00	65.38 1.97 0.00	54.72 1.23 0.00	47.51 1.20 0.00	41.07 1.16 0.00	36.58 1.10 0.00
NARROWS_GT1_1 24228	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT1_2 24229	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT1_3 24230	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT1_4 24231	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01

NARROWS_GT1_5 24232	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT1_6 24233	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT1_7 24234	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT1_8 24235	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_1 24236	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_2 24237	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_3 24238	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_4 24239	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_5 24240	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_6 24241	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_7 24242	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NARROWS_GT2_8 24243	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.51 1.48 0.00	40.38 1.40 0.00	38.95 1.35 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.66 1.63 0.00	62.97 2.77 0.00	78.03 2.86 0.00	65.85 2.31 -1.11	46.78 1.13 -0.65	38.39 0.30 -0.62	34.97 0.24 0.00	33.89 0.40 -0.18	31.23 0.30 -0.97	30.53 0.35 -0.81	29.68 0.38 -5.37	38.31 0.75 0.00	47.43 1.29 0.00	53.46 1.46 0.00	65.69 2.28 0.00	55.09 1.60 0.00	47.69 1.39 0.00	41.23 1.32 0.00	36.72 1.24 0.00
NCHELSEA_115KV_TR2 355582	43.33 2.30 0.00	41.04 2.07 0.00	39.51 1.92 0.00	39.20 1.87 0.00	41.52 1.79 0.00	45.35 2.32 0.00	64.18 3.97 0.00	79.68 4.51 0.00	68.18 3.50 -2.26	48.70 2.39 -1.32	40.61 1.87 -1.27	36.47 1.74 0.00	35.37 1.70 -0.36	33.43 1.50 -1.97	32.54 1.53 -1.65	35.87 0.96 -10.98	39.73 2.18 0.00	49.09 2.95 0.00	54.86 2.86 0.00	67.34 3.93 0.00	56.59 3.10 0.00	48.94 2.64 0.00	42.23 2.31 0.00	37.39 1.92 0.00
NEG CAPITAL__MECHNVIL 23645	42.31 1.27 0.00	40.22 1.25 0.00	38.68 1.09 0.00	38.49 1.16 0.00	40.84 1.11 0.00	44.36 1.34 0.00	62.79 2.59 0.00	78.26 3.08 0.00	65.62 2.18 -1.01	46.81 1.22 -0.59	38.79 0.75 -0.56	35.46 0.73 0.00	34.30 0.83 -0.16	31.53 0.69 -0.88	30.74 0.65 -0.74	29.33 0.43 -4.97	38.68 1.13 0.00	47.66 1.52 0.00	53.77 1.77 0.00	66.07 2.66 0.00	55.36 1.87 0.00	47.88 1.58 0.00	41.35 1.43 0.00	36.75 1.28 0.00

NEG CENTRAL_HIGH_ACRES 23767	40.09 -0.94 0.00	38.08 -0.89 0.00	37.03 -0.56 0.00	36.54 -0.79 0.00	39.02 -0.71 0.00	41.86 -1.16 0.00	58.28 -1.93 0.00	73.37 -1.80 0.00	60.69 -1.37 0.36	43.80 -1.08 0.13	36.65 -0.82 0.00	33.76 -0.97 0.00	32.31 -1.00 0.00	29.04 -0.93 0.00	28.39 -0.97 0.00	23.62 -0.31 0.00	36.17 -1.39 0.00	45.09 -1.85 0.00	50.08 -1.92 0.00	61.28 -2.72 -0.60	51.45 -2.03 0.00	45.25 -1.99 -0.94	38.20 -1.71 0.00	34.06 -1.42 0.00
NEG CENTRAL___DRP 24199	41.20 0.16 0.00	39.17 0.19 0.00	37.74 0.15 0.00	37.52 0.19 0.00	40.09 0.36 0.00	43.02 0.00 0.00	59.96 -0.24 0.00	75.25 0.08 0.00	62.03 0.00 0.40	45.00 0.14 0.14	37.58 0.11 0.00	34.66 -0.07 0.00	33.14 -0.17 0.00	29.79 -0.18 0.00	29.15 -0.21 0.00	24.08 0.14 0.00	37.25 -0.30 0.00	47.51 -0.51 -1.88	51.64 -0.36 0.00	63.75 -0.70 -1.04	53.23 -0.27 -0.01	47.42 -0.51 -1.63	39.47 -0.44 0.00	35.12 -0.35 0.00
NEG CENTRAL___INDECK 23768	41.57 0.53 0.00	39.56 0.59 0.00	38.57 0.98 0.00	38.04 0.71 0.00	40.65 0.91 0.00	43.45 0.43 0.00	60.51 0.30 0.00	76.15 0.97 0.00	62.27 0.38 0.53	44.73 -0.09 0.19	37.32 -0.15 0.00	34.21 -0.52 0.00	32.58 -0.73 0.00	29.28 -0.69 0.00	28.63 -0.73 0.00	21.27 0.10 2.75	36.47 -1.09 0.00	60.62 -1.34 -15.82	51.01 -0.99 0.00	70.74 -1.27 -8.60	52.84 -0.75 -0.11	58.81 -1.02 -13.52	38.87 -1.04 0.00	34.70 -0.78 0.00
NEG CENTRAL___SENECA 23627	41.24 0.21 0.00	39.21 0.23 0.00	37.78 0.19 0.00	37.59 0.26 0.00	40.17 0.44 0.00	42.98 -0.04 0.00	59.60 -0.60 0.00	74.87 -0.30 0.00	61.68 -0.31 0.43	44.94 0.09 0.15	37.55 0.07 0.00	34.56 -0.17 0.00	33.01 -0.30 0.00	29.67 -0.30 0.00	29.01 -0.35 0.00	21.82 0.12 2.23	37.07 -0.49 0.00	48.23 -0.83 -2.92	51.43 -0.57 0.00	63.81 -1.20 -1.61	52.97 -0.53 -0.02	48.05 -0.79 -2.53	39.27 -0.64 0.00	34.98 -0.50 0.00
NEG CENTRAL___STATE_STREET 24147	41.28 0.25 0.00	39.21 0.23 0.00	37.78 0.19 0.00	37.55 0.22 0.00	40.05 0.32 0.00	43.15 0.13 0.00	60.51 0.30 0.00	75.85 0.68 0.00	62.52 0.50 0.40	45.18 0.32 0.14	37.73 0.26 0.00	34.84 0.10 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.36 0.00 0.00	24.12 0.19 0.00	37.56 0.00 0.00	46.88 0.00 -0.75	52.11 0.10 0.00	63.95 0.13 -0.41	53.71 0.21 0.00	46.95 0.00 -0.65	39.83 -0.08 0.00	35.41 -0.07 0.00
NEG MILLWOOD___DRP 24198	43.46 2.42 0.00	41.20 2.22 0.00	39.66 2.07 0.00	39.27 1.94 0.00	41.60 1.87 0.00	45.48 2.45 0.00	64.60 4.39 0.00	80.51 5.34 0.00	69.35 4.24 -2.68	49.40 2.84 -1.56	41.22 2.25 -1.50	36.82 2.08 0.00	35.77 2.03 -0.43	34.04 1.74 -2.33	33.08 1.76 -1.96	38.24 1.15 -13.16	40.00 2.44 0.00	49.27 3.14 0.00	55.18 3.17 0.00	67.91 4.50 0.00	57.02 3.53 0.00	49.22 2.92 0.00	42.42 2.51 0.00	37.54 2.06 0.00
NEG NORTH_FLCN_SEA 23793	40.50 -0.53 0.00	38.43 -0.55 0.00	37.26 -0.34 0.00	37.18 -0.15 0.00	39.89 0.16 0.00	43.41 0.39 0.00	60.63 0.42 0.00	75.85 0.68 0.00	63.26 0.94 0.10	45.86 0.86 0.00	38.22 0.75 0.00	35.39 0.66 0.00	33.88 0.57 0.00	30.45 0.48 0.00	29.86 0.50 0.00	24.31 0.38 0.00	38.27 0.71 0.00	47.06 0.92 0.00	52.99 0.99 0.00	63.85 0.44 0.00	54.24 0.75 0.00	47.37 1.06 0.00	40.67 0.76 0.00	36.01 0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	40.09 -0.94 0.00	38.04 -0.94 0.00	36.84 -0.75 0.00	36.77 -0.56 0.00	39.41 -0.32 0.00	42.94 -0.09 0.00	59.96 -0.24 0.00	74.95 -0.23 0.00	62.76 0.12 -0.21	45.23 0.23 0.00	37.70 0.22 0.00	34.90 0.17 0.00	33.44 0.13 0.00	30.06 0.09 0.00	29.48 0.12 0.00	23.98 0.05 0.00	37.82 0.26 0.00	46.50 0.37 0.00	52.42 0.42 0.00	63.22 -0.19 0.00	53.70 0.21 0.00	46.86 0.56 0.00	40.27 0.36 0.00	35.66 0.18 0.00
NEG NORTH___ALICE_FALLS 23915	40.71 -0.33 0.00	38.58 -0.39 0.00	37.41 -0.19 0.00	37.29 -0.04 0.00	40.05 0.32 0.00	43.63 0.60 0.00	60.93 0.72 0.00	76.15 0.98 0.00	63.61 1.19 0.00	45.99 0.99 0.00	38.33 0.86 0.00	35.46 0.73 0.00	33.94 0.63 0.00	30.51 0.54 0.00	29.92 0.56 0.00	24.39 0.45 0.00	38.38 0.83 0.00	47.29 1.15 0.00	53.20 1.20 0.00	64.11 0.70 0.00	54.50 1.02 0.00	47.65 1.34 0.00	40.87 0.96 0.00	36.12 0.64 0.00
NEG NORTH___LWR_SARANAC 23913	40.71 -0.33 0.00	38.58 -0.39 0.00	37.41 -0.19 0.00	37.29 -0.04 0.00	40.05 0.32 0.00	43.63 0.60 0.00	60.93 0.72 0.00	76.15 0.98 0.00	63.61 1.19 0.00	45.99 0.99 0.00	38.33 0.86 0.00	35.46 0.73 0.00	33.94 0.63 0.00	30.51 0.54 0.00	29.92 0.56 0.00	24.39 0.45 0.00	38.38 0.83 0.00	47.29 1.15 0.00	53.20 1.20 0.00	64.11 0.70 0.00	54.50 1.02 0.00	47.65 1.34 0.00	40.87 0.96 0.00	36.12 0.64 0.00
NEG NORTH___PLATTSBURG 23628	40.71 -0.33 0.00	38.58 -0.39 0.00	37.37 -0.22 0.00	37.29 -0.04 0.00	40.05 0.32 0.00	43.63 0.60 0.00	60.81 0.60 0.00	76.00 0.83 0.00	63.61 1.18 0.00	45.99 0.99 0.00	38.34 0.86 0.00	35.46 0.73 0.00	33.94 0.63 0.00	30.51 0.54 0.00	29.92 0.56 0.00	24.39 0.45 0.00	38.38 0.83 0.00	47.29 1.15 0.00	52.94 0.94 0.00	64.11 0.70 0.00	54.18 0.69 0.00	47.65 1.34 0.00	40.87 0.96 0.00	36.12 0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	38.20 -2.83 0.00	36.40 -2.57 0.00	35.08 -2.52 0.00	34.90 -2.43 0.00	37.23 -2.50 0.00	38.38 -4.65 0.00	52.26 -7.95 0.00	66.08 -9.10 0.00	54.90 -7.05 0.47	40.34 -4.50 0.17	34.17 -3.30 0.00	31.29 -3.44 0.00	29.91 -3.40 0.00	27.00 -2.97 0.00	26.25 -3.11 0.00	20.09 -1.39 2.45	32.97 -4.58 0.00	37.21 -6.00 2.93	45.44 -6.55 0.01	52.32 -8.24 2.85	46.93 -6.53 0.03	35.87 -6.02 4.41	34.96 -4.95 0.00	31.50 -3.97 0.00
NEG WEST___LANCASTR 23811	39.03 -2.01 0.00	37.18 -1.79 0.00	35.83 -1.77 0.00	35.61 -1.72 0.00	37.98 -1.75 0.00	39.15 -3.87 0.00	53.64 -6.56 0.00	68.18 -6.99 0.00	56.35 -5.56 0.52	41.45 -3.38 0.18	34.92 -2.55 0.00	31.99 -2.74 0.00	30.61 -2.70 0.00	27.63 -2.34 0.00	26.81 -2.55 0.00	19.61 -1.48 2.84	33.20 -4.36 0.00	36.51 -5.67 3.95	45.81 -6.19 0.01	53.24 -7.17 3.01	47.62 -5.83 0.03	37.04 -4.58 4.68	35.12 -4.79 0.00	31.65 -3.83 0.00
NEG_PENN_ALLEGHNY 23528	41.24 0.21 0.00	39.17 0.20 0.00	37.86 0.27 0.00	37.52 0.19 0.00	39.97 0.24 0.00	43.07 0.04 0.00	60.39 0.18 0.00	75.32 0.15 0.00	61.25 -0.12 1.05	44.30 -0.09 0.61	36.88 0.00 0.59	34.63 -0.10 0.00	32.94 -0.20 0.17	28.87 -0.18 0.91	28.39 -0.20 0.77	18.81 0.12 5.25	37.37 -0.19 0.00	44.99 -0.28 0.87	51.74 -0.26 0.00	62.53 -0.25 0.63	53.33 -0.16 0.00	45.00 -0.32 0.98	39.59 -0.32 0.00	35.27 -0.21 0.00
NEG___GEN_MONROE 24207	40.38 -0.66 0.00	38.39 -0.58 0.00	37.07 -0.53 0.00	36.85 -0.49 0.00	39.34 -0.40 0.00	41.69 -1.33 0.00	57.74 -2.47 0.00	72.62 -2.56 0.00	60.24 -1.81 0.38	43.57 -1.31 0.13	36.54 -0.94 0.00	33.59 -1.15 0.00	32.11 -1.20 0.00	28.89 -1.08 0.00	28.19 -1.17 0.00	23.62 -0.31 0.00	35.72 -1.84 0.00	44.48 -2.31 -0.65	49.67 -2.34 0.00	60.94 -3.04 -0.57	51.29 -2.19 0.00	44.83 -2.36 -0.89	38.07 -1.84 0.00	34.09 -1.38 0.00

NEPA__ENERGY 23901	38.98 -2.05 0.00	37.10 -1.87 0.00	35.75 -1.84 0.00	35.54 -1.79 0.00	37.83 -1.91 0.00	39.45 -3.57 0.00	54.43 -5.78 0.00	68.41 -6.77 0.00	56.19 -5.68 0.56	41.30 -3.51 0.20	34.77 -2.70 0.00	31.88 -2.85 0.00	30.48 -2.83 0.00	27.54 -2.43 0.00	26.75 -2.61 0.00	19.91 -1.17 2.85	33.72 -3.83 0.00	37.25 -5.03 3.86	46.59 -5.41 0.01	53.81 -6.66 2.94	48.05 -5.40 0.03	36.90 -4.82 4.58	35.68 -4.23 0.00	32.14 -3.33 0.00
NEVERSINK__HYD 23608	43.67 2.63 0.00	41.39 2.42 0.00	39.81 2.22 0.00	39.53 2.20 0.00	41.96 2.22 0.00	45.74 2.71 0.00	64.90 4.70 0.00	80.81 5.64 0.00	66.09 4.25 0.58	47.55 2.75 0.20	39.57 2.10 0.00	36.54 1.80 0.00	35.04 1.73 0.00	31.49 1.53 0.00	30.94 1.58 0.00	19.95 1.03 5.01	39.77 2.22 0.00	49.36 3.23 0.00	55.18 3.17 0.00	67.72 4.31 0.00	57.07 3.58 0.00	49.17 2.87 0.00	42.43 2.52 0.00	37.57 2.09 0.00
NEWKRMKL_115KV_TB1 55635	41.73 0.70 0.00	39.64 0.66 0.00	38.23 0.64 0.00	37.89 0.56 0.00	40.17 0.44 0.00	43.67 0.65 0.00	61.47 1.26 0.00	76.60 1.43 0.00	64.58 1.12 -1.03	46.28 0.68 -0.60	38.46 0.41 -0.57	35.18 0.45 0.00	34.07 0.60 -0.16	31.37 0.51 -0.89	30.58 0.47 -0.75	29.23 0.24 -5.06	38.31 0.75 0.00	46.97 0.83 0.00	52.78 0.78 0.00	64.74 1.33 0.00	54.29 0.80 0.00	47.04 0.74 0.00	40.75 0.84 0.00	36.29 0.82 0.00
NEWTON__FALLS_HYD 23847	39.81 -1.23 0.00	37.88 -1.09 0.00	36.62 -0.98 0.00	36.43 -0.90 0.00	39.14 -0.60 0.00	42.59 -0.43 0.00	59.72 -0.48 0.00	74.87 -0.30 0.00	64.41 -0.50 -2.49	44.33 -0.68 0.00	36.76 -0.71 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.38 -0.55 0.00	36.99 -0.56 0.00	45.72 -0.42 0.00	51.74 -0.26 0.00	62.84 -0.57 0.00	53.11 -0.37 0.00	46.21 -0.09 0.00	39.43 -0.48 0.00	34.77 -0.71 0.00
NGRID_A1_DSASP 323792	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
NGRID_A2_DSASP 323793	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
NGRID_A4_DSASP 323807	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
NIAGARA_115E_LBMP 323715	37.71 -3.32 0.00	35.89 -3.08 0.00	35.26 -2.33 0.00	34.49 -2.84 0.00	36.67 -3.06 0.00	38.46 -4.56 0.00	52.08 -8.13 0.00	65.92 -9.25 0.00	54.32 -7.62 0.48	39.70 -5.13 0.17	33.50 -3.97 0.00	30.74 -3.99 0.00	29.38 -3.93 0.00	26.52 -3.45 0.00	25.87 -3.49 0.00	19.66 -1.77 2.50	32.37 -5.18 0.00	36.07 -6.83 3.24	44.51 -7.49 0.01	51.22 -9.32 2.87	45.86 -7.60 0.03	35.18 -6.67 4.45	34.24 -5.67 0.00	30.97 -4.51 0.00
NIAGARA_115W_LBMP 323714	38.16 -2.87 0.00	36.44 -2.53 0.00	35.72 -1.88 0.00	34.98 -2.35 0.00	37.15 -2.58 0.00	39.02 -4.00 0.00	52.98 -7.23 0.00	66.98 -8.19 0.00	55.26 -6.68 0.48	40.29 -4.54 0.17	33.95 -3.52 0.00	31.15 -3.58 0.00	29.81 -3.50 0.00	26.88 -3.09 0.00	26.22 -3.14 0.00	19.93 -1.51 2.49	32.86 -4.70 0.00	36.37 -6.18 3.58	45.29 -6.71 0.01	51.87 -8.68 2.86	46.56 -6.90 0.03	35.66 -6.20 4.44	34.80 -5.11 0.00	31.43 -4.05 0.00
NIAGARA_230_LBMP 323716	38.24 -2.79 0.00	36.44 -2.53 0.00	35.75 -1.84 0.00	34.98 -2.35 0.00	37.19 -2.54 0.00	39.11 -3.91 0.00	53.10 -7.10 0.00	67.13 -8.04 0.00	55.32 -6.62 0.48	40.38 -4.46 0.17	34.03 -3.45 0.00	31.22 -3.51 0.00	29.88 -3.43 0.00	26.94 -3.03 0.00	26.28 -3.08 0.00	19.99 -1.46 2.49	32.93 -4.62 0.00	36.48 -6.09 3.57	45.39 -6.61 0.01	52.00 -8.56 2.85	46.67 -6.79 0.03	35.76 -6.11 4.43	34.88 -5.03 0.00	31.54 -3.94 0.00
NIAGARA__115KV_198_GIBSON 55903	38.16 -2.87 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.90 -2.43 0.00	37.11 -2.62 0.00	38.38 -4.65 0.00	52.08 -8.13 0.00	65.78 -9.40 0.00	54.76 -7.18 0.48	40.29 -4.55 0.17	33.99 -3.48 0.00	31.15 -3.58 0.00	29.81 -3.50 0.00	26.88 -3.09 0.00	26.16 -3.20 0.00	19.93 -1.51 2.49	32.86 -4.69 0.00	36.42 -6.14 3.58	45.23 -6.76 0.01	51.99 -8.56 2.86	46.72 -6.74 0.03	35.61 -6.25 4.44	34.88 -5.03 0.00	31.47 -4.01 0.00
NIAGARA__ 23760	38.24 -2.79 0.00	36.44 -2.53 0.00	35.75 -1.84 0.00	34.98 -2.35 0.00	37.19 -2.54 0.00	39.11 -3.91 0.00	53.10 -7.10 0.00	67.13 -8.04 0.00	55.32 -6.62 0.48	40.38 -4.46 0.17	34.03 -3.45 0.00	31.22 -3.51 0.00	29.88 -3.43 0.00	26.94 -3.03 0.00	26.28 -3.08 0.00	19.98 -1.46 2.49	32.93 -4.62 0.00	36.59 -6.09 3.46	45.39 -6.61 0.01	51.99 -8.56 2.85	46.67 -6.79 0.03	35.75 -6.11 4.44	34.88 -5.03 0.00	31.54 -3.94 0.00
NINE_MILE_1 23575	40.13 -0.90 0.00	38.15 -0.82 0.00	36.84 -0.75 0.00	36.54 -0.79 0.00	38.90 -0.84 0.00	42.04 -0.99 0.00	58.82 -1.38 0.00	73.59 -1.58 0.00	61.11 -1.31 0.00	44.01 -0.99 0.00	36.68 -0.79 0.00	33.97 -0.76 0.00	32.54 -0.76 0.00	29.31 -0.66 0.00	28.71 -0.65 0.00	23.53 -0.41 0.00	36.65 -0.90 0.00	44.98 -1.15 0.00	50.76 -1.25 0.00	61.83 -1.58 0.00	52.15 -1.34 0.00	45.10 -1.20 0.00	38.87 -1.04 0.00	34.56 -0.92 0.00
NINE_MILE_2 23744	40.17 -0.86 0.00	38.15 -0.82 0.00	36.84 -0.75 0.00	36.54 -0.79 0.00	38.90 -0.84 0.00	42.04 -0.99 0.00	58.82 -1.38 0.00	73.59 -1.58 0.00	61.11 -1.31 0.00	44.01 -0.99 0.00	36.68 -0.79 0.00	33.97 -0.76 0.00	32.54 -0.76 0.00	29.31 -0.66 0.00	28.71 -0.65 0.00	23.53 -0.41 0.00	36.65 -0.90 0.00	44.98 -1.15 0.00	50.76 -1.25 0.00	61.83 -1.58 0.00	52.15 -1.34 0.00	45.10 -1.20 0.00	38.87 -1.04 0.00	34.56 -0.92 0.00
NM_CAPITAL__DRP 24208	41.73 0.70 0.00	39.68 0.70 0.00	38.27 0.68 0.00	37.93 0.60 0.00	40.21 0.48 0.00	43.67 0.65 0.00	61.65 1.44 0.00	76.75 1.58 0.00	64.77 1.19 -1.16	46.40 0.72 -0.67	38.53 0.41 -0.65	35.22 0.49 0.00	34.16 0.67 -0.18	31.51 0.54 -1.00	30.73 0.53 -0.85	29.86 0.24 -5.69	38.42 0.86 0.00	47.10 0.97 0.00	52.84 0.83 0.00	64.87 1.46 0.00	54.34 0.86 0.00	47.18 0.88 0.00	40.83 0.92 0.00	36.40 0.92 0.00

NM_CENTRAL___DRP 24181	40.95 -0.08 0.00	38.90 -0.08 0.00	37.48 -0.11 0.00	37.22 -0.11 0.00	39.69 -0.04 0.00	42.81 -0.22 0.00	59.96 -0.24 0.00	75.10 -0.08 0.00	62.51 0.00 -0.08	44.96 -0.05 0.00	37.47 0.00 0.00	34.66 -0.07 0.00	33.21 -0.10 0.00	29.91 -0.06 0.00	29.27 -0.09 0.00	24.00 0.07 0.00	37.37 -0.19 0.00	45.86 -0.28 0.00	51.69 -0.31 0.00	63.03 -0.38 0.00	53.17 -0.32 0.00	45.98 -0.32 0.00	39.55 -0.36 0.00	35.19 -0.28 0.00
NM_FRONTIER___DRP 24179	38.16 -2.87 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.90 -2.43 0.00	37.11 -2.62 0.00	38.38 -4.65 0.00	52.08 -8.13 0.00	65.78 -9.40 0.00	54.76 -7.18 0.48	40.29 -4.55 0.17	33.99 -3.48 0.00	31.15 -3.58 0.00	29.81 -3.50 0.00	26.88 -3.09 0.00	26.16 -3.20 0.00	19.93 -1.51 2.49	32.86 -4.69 0.00	36.42 -6.14 3.58	45.23 -6.76 0.01	51.99 -8.56 2.86	46.72 -6.74 0.03	35.61 -6.25 4.44	34.88 -5.03 0.00	31.47 -4.01 0.00
NM_ST_REGIS___HYD 24053	39.89 -1.15 0.00	37.81 -1.17 0.00	36.62 -0.98 0.00	36.47 -0.86 0.00	39.14 -0.60 0.00	42.64 -0.39 0.00	59.42 -0.78 0.00	74.27 -0.90 0.00	64.91 -0.56 -3.05	44.60 -0.41 0.00	37.06 -0.41 0.00	34.28 -0.45 0.00	32.81 -0.50 0.00	29.46 -0.51 0.00	28.92 -0.44 0.00	23.55 -0.38 0.00	37.22 -0.34 0.00	45.90 -0.23 0.00	51.74 -0.26 0.00	62.33 -1.08 0.00	53.01 -0.48 0.00	46.44 0.14 0.00	39.79 -0.12 0.00	35.12 -0.35 0.00
NORTHPORT___1 23551	44.21 3.16 -0.01	41.82 2.84 0.00	40.16 2.56 -0.01	39.87 2.54 0.00	42.31 2.58 0.00	46.17 3.14 -0.01	67.37 4.52 -2.65	85.48 3.46 -6.84	72.98 2.81 -7.74	50.87 3.60 -2.27	42.82 3.18 -2.17	37.76 3.02 -0.01	36.67 2.73 -0.62	35.76 2.43 -3.37	34.66 2.47 -2.83	44.59 1.55 -19.10	40.93 3.31 -0.07	50.30 3.37 -0.80	58.41 3.64 -2.77	74.95 4.76 -6.78	61.07 4.01 -3.57	50.54 3.38 -0.86	43.21 3.23 -0.07	38.15 2.66 -0.01
NORTHPORT___2 23552	44.04 2.99 -0.01	41.70 2.73 0.00	40.04 2.44 -0.01	39.72 2.39 0.00	42.20 2.46 0.00	46.04 3.01 -0.01	56.09 4.10 8.21	56.87 2.93 21.23	56.87 2.43 7.99	50.74 3.47 -2.27	42.71 3.07 -2.17	37.65 2.92 -0.01	36.56 2.63 -0.62	35.67 2.34 -3.37	34.57 2.38 -2.83	44.52 1.48 -19.10	40.78 3.16 -0.07	46.72 3.04 2.46	46.72 3.28 8.56	46.72 4.31 21.00	46.09 3.64 11.04	46.72 3.06 2.64	43.09 3.12 -0.07	38.04 2.56 -0.01
NORTHPORT___3 23553	44.00 2.96 -0.01	41.66 2.69 0.00	40.01 2.41 -0.01	39.72 2.39 0.00	42.16 2.42 0.00	46.00 2.97 -0.01	59.42 4.03 4.82	65.63 2.93 12.47	61.72 2.37 3.08	50.69 3.42 -2.27	42.67 3.03 -2.17	37.62 2.88 -0.01	36.56 2.63 -0.62	35.67 2.34 -3.37	34.54 2.35 -2.83	44.49 1.46 -19.10	40.78 3.16 -0.07	47.69 3.00 1.44	50.20 3.23 5.03	55.32 4.25 12.33	50.59 3.58 6.48	47.76 3.01 1.55	43.09 3.12 -0.07	38.04 2.56 -0.01
NORTHPORT___4 23650	44.00 2.96 -0.01	41.66 2.69 0.00	40.01 2.41 -0.01	39.72 2.39 0.00	42.16 2.42 0.00	46.00 2.97 -0.01	59.42 4.03 4.82	65.63 2.93 12.47	61.72 2.37 3.08	50.69 3.42 -2.27	42.67 3.03 -2.17	37.62 2.88 -0.01	36.56 2.63 -0.62	35.67 2.34 -3.37	34.54 2.35 -2.83	44.49 1.46 -19.10	40.78 3.16 -0.07	47.69 3.00 1.44	50.20 3.23 5.03	55.32 4.25 12.33	50.59 3.58 6.48	47.76 3.01 1.55	43.09 3.12 -0.07	38.04 2.56 -0.01
NORTHPORT___IC 23718	44.16 3.12 -0.01	41.82 2.85 0.00	40.31 2.71 -0.01	39.87 2.54 0.00	42.36 2.62 0.00	46.26 3.23 -0.01	67.31 4.46 -2.65	85.70 3.68 -6.84	72.72 2.56 -7.74	50.87 3.60 -2.27	42.79 3.15 -2.17	37.76 3.02 -0.01	36.67 2.73 -0.62	35.76 2.43 -3.37	34.66 2.47 -2.83	44.59 1.56 -19.10	40.93 3.30 -0.07	50.35 3.41 -0.80	58.36 3.59 -2.77	74.95 4.76 -6.78	60.91 3.85 -3.57	50.54 3.38 -0.86	43.21 3.23 -0.07	38.08 2.59 -0.01
NORTH___COUNTRY_ESR 323785	39.97 -1.07 0.00	37.92 -1.05 0.00	36.73 -0.86 0.00	36.66 -0.67 0.00	39.30 -0.44 0.00	42.81 -0.21 0.00	59.60 -0.60 0.00	74.65 -0.52 0.00	62.65 0.00 -0.22	45.23 0.23 0.00	37.70 0.23 0.00	34.91 0.17 0.00	33.44 0.13 0.00	30.06 0.09 0.00	29.48 0.12 0.00	23.98 0.05 0.00	37.78 0.23 0.00	46.41 0.28 0.00	52.06 0.05 0.00	63.09 -0.32 0.00	53.22 -0.27 0.00	46.72 0.42 0.00	40.15 0.24 0.00	35.55 0.07 0.00
NPX_GEN_1385_PROXY 323591	44.04 2.99 -0.01	41.70 2.73 0.00	40.04 2.44 -0.01	39.72 2.39 0.00	42.20 2.46 0.00	46.04 3.01 -0.01	56.09 4.10 8.21	56.87 2.93 21.23	56.87 2.43 7.99	50.74 3.47 -2.27	42.71 3.07 -2.17	37.65 2.92 -0.01	36.56 2.63 -0.62	35.67 2.34 -3.37	34.57 2.38 -2.83	44.52 1.48 -19.10	40.78 3.16 -0.07	46.72 3.04 2.46	46.72 3.28 8.56	46.72 4.31 21.00	46.09 3.64 11.04	46.72 3.06 2.64	43.09 3.12 -0.07	38.04 2.56 -0.01
NPX_GEN_CSC 323557	44.82 3.77 -0.01	42.48 3.51 0.00	40.84 3.23 -0.01	40.50 3.17 0.00	43.07 3.34 0.00	47.12 4.09 -0.01	67.51 5.78 -1.53	83.10 3.98 -3.95	71.85 3.31 -6.12	51.55 4.28 -2.27	43.38 3.75 -2.17	38.38 3.65 -0.01	37.20 3.27 -0.62	36.24 2.91 -3.37	35.25 3.05 -2.83	44.68 1.65 -19.10	41.53 3.91 -0.07	50.84 4.24 -0.46	57.66 4.06 -1.60	72.58 5.26 -3.92	60.09 4.54 -2.06	50.83 4.03 -0.50	43.65 3.67 -0.07	38.43 2.94 -0.01
NSINS_S___GLNS_FALLS 23858	41.65 0.62 0.00	39.56 0.58 0.00	38.20 0.60 0.00	37.93 0.60 0.00	40.21 0.48 0.00	43.88 0.86 0.00	62.13 1.93 0.00	77.65 2.48 0.00	64.93 1.56 -0.95	46.05 0.50 -0.55	38.12 0.11 -0.53	34.80 0.07 0.00	33.66 0.20 -0.15	30.91 0.12 -0.82	30.17 0.12 -0.69	28.60 0.00 -4.67	38.01 0.45 0.00	46.92 0.78 0.00	53.15 1.14 0.00	65.38 1.97 0.00	54.66 1.18 0.00	47.23 0.93 0.00	40.79 0.88 0.00	36.22 0.75 0.00
NUCOR_STEEL___DRP 24197	41.49 0.45 0.00	39.40 0.43 0.00	37.97 0.38 0.00	37.74 0.41 0.00	40.25 0.52 0.00	43.32 0.30 0.00	60.75 0.54 0.00	76.08 0.90 0.00	62.73 0.69 0.39	45.27 0.41 0.14	37.85 0.37 0.00	34.94 0.21 0.00	33.44 0.13 0.00	30.09 0.12 0.00	29.45 0.09 0.00	24.20 0.26 0.00	37.67 0.11 0.00	46.79 0.14 -0.52	52.26 0.26 0.00	64.01 0.32 -0.28	53.81 0.32 0.00	46.93 0.19 -0.44	39.99 0.08 0.00	35.55 0.07 0.00
NUMBER_THREE_WT_PWR 323818	40.50 -0.53 0.00	38.62 -0.35 0.00	37.33 -0.26 0.00	37.14 -0.19 0.00	39.97 0.24 0.00	43.50 0.47 0.00	61.29 1.08 0.00	76.98 1.80 0.00	64.71 1.12 -1.16	45.27 0.27 0.00	37.47 0.00 0.00	34.63 -0.10 0.00	33.11 -0.20 0.00	29.76 -0.21 0.00	29.19 -0.18 0.00	23.91 -0.02 0.00	37.74 0.19 0.00	46.69 0.56 0.00	52.94 0.94 0.00	64.80 1.39 0.00	54.29 0.80 0.00	47.00 0.70 0.00	39.87 -0.04 0.00	35.16 -0.32 0.00
NYISO_LBMP_REFERENCE 24008	41.04 0.00 0.00	38.97 0.00 0.00	37.59 0.00 0.00	37.33 0.00 0.00	39.73 0.00 0.00	43.02 0.00 0.00	60.20 0.00 0.00	75.17 0.00 0.00	62.43 0.00 0.00	45.00 0.00 0.00	37.47 0.00 0.00	34.73 0.00 0.00	33.31 0.00 0.00	29.97 0.00 0.00	29.36 0.00 0.00	23.93 0.00 0.00	37.56 0.00 0.00	46.14 0.00 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.30 0.00 0.00	39.91 0.00 0.00	35.48 0.00 0.00

NYPA_BRENTWD____GT 24164	44.70 3.65 -0.01	42.29 3.31 0.00	40.61 3.01 -0.01	40.32 2.99 0.00	42.79 3.06 0.00	46.73 3.70 -0.01	66.94 5.30 -1.43	83.16 4.28 -3.71	71.90 3.49 -5.98	51.28 4.00 -2.27	43.31 3.67 -2.17	38.18 3.44 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.01 2.82 -2.83	44.88 1.84 -19.10	41.38 3.76 -0.07	50.58 4.01 -0.44	57.93 4.42 -1.50	72.86 5.77 -3.68	60.29 4.87 -1.94	50.85 4.08 -0.47	43.77 3.79 -0.07	38.57 3.09 -0.01
NYPA_GOWANUS____GT5 24156	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NYPA_GOWANUS____GT6 24157	43.79 2.75 -0.01	41.40 2.42 -0.01	39.74 2.14 -0.01	39.39 2.05 -0.01	41.81 2.06 -0.01	45.61 2.58 -0.01	64.36 4.15 0.00	79.84 4.66 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.21 2.02 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.88 3.74 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.34 3.85 0.00	49.74 3.43 -0.01	42.91 2.99 -0.01	37.90 2.41 -0.01
NYPA_HARLEM__RVR__GT1 24160	43.51 2.46 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	63.88 3.67 0.00	79.23 4.06 0.00	69.51 3.18 -3.90	50.28 3.02 -2.27	42.22 2.58 -2.16	37.13 2.39 0.00	36.15 2.23 -0.61	35.30 1.98 -3.35	34.18 2.00 -2.82	44.29 1.24 -19.12	40.25 2.71 0.01	49.69 3.55 -0.01	55.17 3.17 0.01	67.46 4.06 0.01	57.06 3.58 0.01	49.65 3.34 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYPA_HARLEM__RVR__GT2 24161	43.51 2.46 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	63.88 3.67 0.00	79.23 4.06 0.00	69.51 3.18 -3.90	50.28 3.02 -2.27	42.22 2.58 -2.16	37.13 2.39 0.00	36.15 2.23 -0.61	35.30 1.98 -3.35	34.18 2.00 -2.82	44.29 1.24 -19.12	40.25 2.71 0.01	49.69 3.55 -0.01	55.17 3.17 0.01	67.46 4.06 0.01	57.06 3.58 0.01	49.65 3.34 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYPA_KENT____GT 24152	43.67 2.63 -0.01	41.28 2.30 -0.01	39.63 2.03 -0.01	39.32 1.98 -0.01	41.73 1.99 -0.01	45.53 2.49 -0.01	64.24 4.03 0.00	79.76 4.59 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.24 2.05 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.84 3.69 -0.01	55.38 3.38 0.00	67.78 4.37 0.00	57.29 3.80 0.00	49.65 3.34 -0.01	42.83 2.91 -0.01	37.83 2.34 -0.01
NYPA_POUCH1____GT 24155	30.44 2.75 13.35	30.40 2.42 10.99	30.37 2.14 9.36	30.37 2.05 9.01	30.41 2.10 11.42	30.43 2.58 15.18	47.25 4.15 17.10	54.78 4.51 24.91	36.29 3.31 29.44	29.77 2.92 18.16	29.56 2.47 10.39	27.21 2.26 9.78	26.08 2.13 9.36	25.35 1.86 6.48	25.09 1.88 6.15	26.58 1.17 -1.48	29.77 2.63 10.41	29.96 3.55 19.73	45.31 3.28 9.97	53.72 4.25 13.93	47.07 3.69 10.10	46.22 3.34 3.42	30.55 2.95 12.32	31.35 2.41 6.54
NYPA_VERNON____GT2 24162	43.59 2.55 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.21 1.87 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	64.12 3.91 0.00	79.68 4.51 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.24 2.50 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.27 2.08 -2.83	44.40 1.34 -19.12	40.37 2.82 0.00	49.84 3.69 -0.01	55.38 3.38 0.00	67.72 4.31 0.00	57.23 3.74 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYPA_VERNON____GT3 24163	43.59 2.55 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.21 1.87 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	64.12 3.91 0.00	79.68 4.51 0.00	69.89 3.56 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.24 2.50 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.27 2.08 -2.83	44.40 1.34 -19.12	40.37 2.82 0.00	49.84 3.69 -0.01	55.38 3.38 0.00	67.72 4.31 0.00	57.23 3.74 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYPA__ASTORIA_CC1 323568	43.55 2.50 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.20 1.87 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	64.06 3.86 0.00	79.61 4.43 0.00	69.83 3.49 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.05 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.84 3.69 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.17 3.69 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYPA__ASTORIA_CC2 323569	43.55 2.50 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.20 1.87 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	64.06 3.86 0.00	79.61 4.43 0.00	69.83 3.49 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.05 -2.83	44.37 1.32 -19.12	40.37 2.82 0.00	49.84 3.69 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.17 3.69 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYPA__HOLTSVILL 23794	44.70 3.65 -0.01	42.33 3.35 0.00	40.65 3.04 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	67.36 5.54 -1.62	83.65 4.28 -4.20	72.24 3.56 -6.26	51.46 4.19 -2.27	43.31 3.67 -2.17	38.21 3.47 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.07 2.88 -2.83	44.80 1.77 -19.10	41.42 3.79 -0.07	50.69 4.06 -0.49	58.02 4.31 -1.70	73.08 5.51 -4.16	60.49 4.82 -2.19	50.91 4.08 -0.53	43.69 3.71 -0.07	38.50 3.01 -0.01
NYPA__HELLGATE_GT1 24158	43.51 2.46 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	63.88 3.67 0.00	79.23 4.06 0.00	69.51 3.18 -3.90	50.28 3.02 -2.27	42.22 2.58 -2.16	37.13 2.39 0.00	36.15 2.23 -0.61	35.30 1.98 -3.35	34.18 2.00 -2.82	44.29 1.24 -19.12	40.25 2.71 0.01	49.69 3.55 -0.01	55.12 3.12 0.01	67.46 4.06 0.01	57.01 3.53 0.01	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYPA__HELLGATE_GT2 24159	43.51 2.46 -0.01	41.20 2.22 -0.01	39.56 1.95 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.40 2.36 -0.01	63.88 3.67 0.00	79.23 4.06 0.00	69.51 3.18 -3.90	50.28 3.02 -2.27	42.22 2.58 -2.16	37.13 2.39 0.00	36.15 2.23 -0.61	35.30 1.98 -3.35	34.18 2.00 -2.82	44.29 1.24 -19.12	40.25 2.71 0.01	49.69 3.55 -0.01	55.12 3.12 0.01	67.46 4.06 0.01	57.01 3.53 0.01	49.60 3.29 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
NYS_BARGE__HYD 23848	38.24 -2.79 0.00	36.44 -2.53 0.00	35.75 -1.84 0.00	34.98 -2.35 0.00	37.23 -2.50 0.00	39.07 -3.96 0.00	53.16 -7.04 0.00	67.28 -7.89 0.00	55.46 -6.49 0.47	40.43 -4.41 0.16	34.14 -3.34 0.00	31.29 -3.44 0.00	29.91 -3.40 0.00	27.00 -2.97 0.00	26.31 -3.05 0.00	20.11 -1.39 2.43	33.01 -4.55 0.00	37.42 -6.00 2.72	45.49 -6.50 0.01	52.44 -8.18 2.79	46.77 -6.69 0.03	36.05 -5.93 4.32	34.88 -5.03 0.00	31.51 -3.97 0.00

OAK ORCHARD___HYD 24046	40.38 -0.66 0.00	38.35 -0.63 0.00	37.37 -0.22 0.00	36.81 -0.52 0.00	39.26 -0.48 0.00	42.04 -0.99 0.00	58.34 -1.87 0.00	73.52 -1.65 0.00	60.86 -1.19 0.38	43.88 -0.99 0.13	36.76 -0.71 0.00	33.83 -0.90 0.00	32.38 -0.93 0.00	29.13 -0.84 0.00	28.48 -0.88 0.00	23.79 -0.14 0.00	36.20 -1.35 0.00	45.10 -1.85 0.00	50.14 -1.87 0.00	61.42 -2.72 -0.74	51.51 -1.98 0.00	45.46 -1.99 -1.15	38.24 -1.67 0.00	34.17 -1.31 0.00
OAKDALE___35_KV_LOAD 356122	41.08 0.04 0.00	39.05 0.08 0.00	37.59 0.00 0.00	37.37 0.04 0.00	39.81 0.08 0.00	42.76 -0.26 0.00	59.96 -0.24 0.00	74.65 -0.53 0.00	60.80 -0.56 1.06	44.07 -0.32 0.62	36.65 -0.22 0.59	34.45 -0.28 0.00	32.81 -0.33 0.17	28.75 -0.30 0.92	28.23 -0.35 0.78	18.66 0.02 5.30	37.22 -0.34 0.00	44.76 -0.46 0.91	51.48 -0.52 0.00	62.18 -0.57 0.65	53.06 -0.43 0.00	44.86 -0.42 1.02	39.43 -0.48 0.00	35.12 -0.35 0.00
OCC_CHEM___DRP 24175	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
OH_GEN_PROXY 24063	38.29 -2.75 0.00	36.48 -2.50 0.00	35.75 -1.84 0.00	35.02 -2.31 0.00	37.19 -2.54 0.00	39.15 -3.87 0.00	53.28 -6.92 0.00	67.28 -7.89 0.00	55.51 -6.43 0.49	40.47 -4.36 0.17	34.10 -3.37 0.00	31.29 -3.44 0.00	29.95 -3.36 0.00	27.00 -2.97 0.00	26.34 -3.02 0.00	20.00 -1.44 2.50	33.05 -4.51 0.00	36.69 -5.95 3.49	45.55 -6.45 0.01	52.32 -8.30 2.78	46.83 -6.63 0.03	36.00 -5.97 4.33	35.00 -4.91 0.00	31.61 -3.87 0.00
OLIN_CORP_DRP 24177	37.79 -3.24 0.00	36.01 -2.96 0.00	34.70 -2.89 0.00	34.49 -2.84 0.00	36.87 -2.86 0.00	37.90 -5.12 0.00	51.41 -8.79 0.00	64.95 -10.22 0.00	54.07 -7.87 0.49	39.84 -5.00 0.17	33.61 -3.86 0.00	30.81 -3.92 0.00	29.45 -3.86 0.00	26.58 -3.39 0.00	25.87 -3.49 0.00	19.71 -1.70 2.52	32.45 -5.11 0.00	36.11 -6.69 3.33	44.66 -7.33 0.01	51.33 -9.19 2.89	46.13 -7.33 0.03	35.15 -6.67 4.48	34.44 -5.47 0.00	31.08 -4.40 0.00
OLIN_CORP_DSASP 323712	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
ONEIDA_HERK_LFGE 323681	41.28 0.25 0.00	39.28 0.31 0.00	37.93 0.34 0.00	37.70 0.37 0.00	40.33 0.60 0.00	43.75 0.73 0.00	61.59 1.39 0.00	77.28 2.10 0.00	64.40 1.44 -0.54	45.63 0.63 0.00	37.85 0.37 0.00	35.01 0.28 0.00	33.51 0.20 0.00	30.12 0.15 0.00	29.54 0.18 0.00	24.15 0.21 0.00	38.04 0.49 0.00	46.92 0.78 0.00	53.10 1.09 0.00	64.87 1.46 0.00	54.56 1.07 0.00	47.14 0.83 0.00	40.31 0.40 0.00	35.69 0.21 0.00
ONEIDA___115KV_TB4 55905	41.86 0.82 0.00	39.79 0.82 0.00	38.38 0.79 0.00	38.11 0.78 0.00	40.69 0.95 0.00	44.06 1.03 0.00	61.95 1.75 0.00	77.73 2.56 0.00	64.45 1.81 -0.22	45.95 0.95 0.00	38.18 0.71 0.00	35.29 0.56 0.00	33.78 0.47 0.00	30.39 0.42 0.00	29.77 0.41 0.00	24.39 0.45 0.00	38.23 0.68 0.00	47.15 1.01 0.00	53.30 1.30 0.00	65.12 1.71 0.00	54.82 1.34 0.00	47.37 1.06 0.00	40.63 0.72 0.00	36.05 0.57 0.00
ONONDAGA_REF_OCCRA 23987	41.12 0.08 0.00	39.05 0.08 0.00	37.63 0.04 0.00	37.37 0.04 0.00	39.85 0.12 0.00	42.94 -0.09 0.00	60.26 0.06 0.00	75.47 0.30 0.00	62.40 0.25 0.28	44.97 0.09 0.12	37.58 0.11 0.00	34.77 0.03 0.00	33.31 0.00 0.00	29.97 0.00 0.00	29.36 0.00 0.00	24.08 0.14 0.00	37.48 -0.08 0.00	46.04 -0.09 0.00	51.95 -0.05 0.00	63.35 -0.06 0.00	53.43 -0.05 0.00	46.21 -0.09 0.00	39.75 -0.16 0.00	35.34 -0.14 0.00
ONONDAGA___COGEN 23986	41.16 0.12 0.00	39.13 0.16 0.00	37.71 0.11 0.00	37.44 0.11 0.00	39.93 0.20 0.00	43.02 0.00 0.00	60.33 0.12 0.00	75.55 0.38 0.00	62.81 0.31 -0.07	45.14 0.14 0.00	37.66 0.19 0.00	34.80 0.07 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	24.10 0.17 0.00	37.52 -0.04 0.00	46.09 -0.05 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.21 -0.09 0.00	39.79 -0.12 0.00	35.37 -0.11 0.00
ONTARIO___LFGE 23819	41.24 0.21 0.00	39.21 0.24 0.00	38.01 0.41 0.00	37.59 0.26 0.00	40.17 0.44 0.00	43.15 0.13 0.00	59.91 -0.30 0.00	75.25 0.08 0.00	61.81 -0.19 0.43	44.94 0.09 0.15	37.55 0.08 0.00	34.56 -0.17 0.00	33.01 -0.30 0.00	29.67 -0.30 0.00	29.04 -0.32 0.00	21.82 0.12 2.23	37.07 -0.49 0.00	48.18 -0.88 -2.92	51.33 -0.68 0.00	63.81 -1.21 -1.61	52.76 -0.75 -0.02	48.00 -0.83 -2.53	39.23 -0.68 0.00	34.98 -0.50 0.00
ORANGEVILLE_WT_PWR 323706	39.23 -1.80 0.00	37.37 -1.60 0.00	36.50 -1.09 0.00	35.84 -1.49 0.00	38.18 -1.55 0.00	40.31 -2.71 0.00	55.45 -4.76 0.00	69.91 -5.26 0.00	57.17 -4.68 0.58	41.65 -3.15 0.20	35.00 -2.47 0.00	32.16 -2.57 0.00	30.68 -2.63 0.00	27.63 -2.34 0.00	26.98 -2.38 0.00	19.85 -1.10 2.98	33.95 -3.61 0.00	33.65 -4.75 7.73	46.90 -5.09 0.01	52.09 -6.34 4.98	48.09 -5.30 0.10	33.67 -4.86 7.77	35.72 -4.19 0.00	32.00 -3.48 0.00
ORANGEVILLE___ESR 323794	39.23 -1.80 0.00	37.37 -1.60 0.00	36.50 -1.09 0.00	35.84 -1.49 0.00	38.18 -1.55 0.00	40.31 -2.71 0.00	55.45 -4.76 0.00	69.91 -5.26 0.00	57.17 -4.68 0.58	41.65 -3.15 0.20	35.00 -2.47 0.00	32.16 -2.57 0.00	30.68 -2.63 0.00	27.63 -2.34 0.00	26.98 -2.38 0.00	19.85 -1.10 2.98	33.95 -3.61 0.00	33.65 -4.75 7.73	46.90 -5.09 0.01	52.09 -6.34 4.98	48.09 -5.30 0.10	33.67 -4.86 7.77	35.72 -4.19 0.00	32.00 -3.48 0.00
OSWEGATCHIE___HYD 24044	39.81 -1.23 0.00	37.88 -1.09 0.00	36.62 -0.98 0.00	36.43 -0.90 0.00	39.14 -0.59 0.00	42.59 -0.43 0.00	59.66 -0.54 0.00	74.80 -0.37 0.00	64.41 -0.50 -2.49	44.33 -0.67 0.00	36.76 -0.71 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.38 -0.55 0.00	36.99 -0.56 0.00	45.72 -0.42 0.00	51.59 -0.42 0.00	62.90 -0.51 0.00	52.90 -0.59 0.00	46.21 -0.09 0.00	39.43 -0.48 0.00	34.77 -0.71 0.00
OSWEGO___5 23606	40.38 -0.66 0.00	38.39 -0.58 0.00	37.07 -0.53 0.00	36.77 -0.56 0.00	39.14 -0.59 0.00	42.29 -0.73 0.00	59.18 -1.02 0.00	74.05 -1.13 0.00	61.49 -0.93 0.00	44.28 -0.72 0.00	36.87 -0.60 0.00	34.14 -0.59 0.00	32.71 -0.60 0.00	29.46 -0.51 0.00	28.86 -0.50 0.00	23.65 -0.29 0.00	36.84 -0.71 0.00	45.21 -0.92 0.00	51.01 -0.99 0.00	62.14 -1.27 0.00	52.47 -1.02 0.00	45.38 -0.93 0.00	39.07 -0.84 0.00	34.77 -0.71 0.00

OSWEGO___6 23613	40.38 -0.66 0.00	38.39 -0.58 0.00	37.07 -0.53 0.00	36.77 -0.56 0.00	39.14 -0.59 0.00	42.29 -0.73 0.00	59.18 -1.02 0.00	74.05 -1.13 0.00	61.49 -0.93 0.00	44.28 -0.72 0.00	36.87 -0.60 0.00	34.14 -0.59 0.00	32.71 -0.60 0.00	29.46 -0.51 0.00	28.86 -0.50 0.00	23.65 -0.29 0.00	36.84 -0.71 0.00	45.21 -0.92 0.00	51.01 -0.99 0.00	62.14 -1.27 0.00	52.47 -1.02 0.00	45.38 -0.93 0.00	39.07 -0.84 0.00	34.77 -0.71 0.00
OUTOKUMPU-AB___DRP 24206	38.86 -2.17 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.46 -1.87 0.00	37.87 -1.87 0.00	38.98 -4.04 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	56.00 -5.93 0.49	41.19 -3.65 0.17	34.74 -2.74 0.00	31.81 -2.92 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.66 -2.70 0.00	20.34 -1.03 2.57	33.50 -4.06 0.00	37.44 -5.35 3.35	46.17 -5.82 0.01	53.17 -7.29 2.95	47.57 -5.88 0.03	36.31 -5.42 4.57	35.40 -4.51 0.00	31.89 -3.58 0.00
OXBOW___BTM 323836	38.90 -2.14 0.00	37.07 -1.91 0.00	36.39 -1.20 0.00	35.58 -1.75 0.00	37.87 -1.87 0.00	39.67 -3.36 0.00	54.31 -5.90 0.00	68.86 -6.31 0.00	56.50 -5.43 0.49	41.23 -3.60 0.17	34.74 -2.73 0.00	31.85 -2.88 0.00	30.48 -2.83 0.00	27.51 -2.46 0.00	26.78 -2.58 0.00	20.38 -0.98 2.57	33.54 -4.02 0.00	37.48 -5.30 3.35	46.27 -5.72 0.01	53.30 -7.17 2.95	47.52 -5.94 0.03	36.31 -5.42 4.57	35.36 -4.55 0.00	31.90 -3.58 0.00
OXBOW___ 24026	38.94 -2.09 0.00	37.06 -1.91 0.00	35.75 -1.84 0.00	35.54 -1.79 0.00	37.94 -1.79 0.00	39.02 -4.00 0.00	53.46 -6.74 0.00	67.73 -7.44 0.00	56.06 -5.87 0.49	41.23 -3.60 0.17	34.77 -2.70 0.00	31.85 -2.88 0.00	30.48 -2.83 0.00	27.51 -2.46 0.00	26.69 -2.67 0.00	20.38 -0.98 2.57	33.54 -4.02 0.00	37.53 -5.26 3.35	46.22 -5.77 0.01	53.30 -7.17 2.95	47.68 -5.78 0.03	36.36 -5.37 4.57	35.44 -4.47 0.00	31.93 -3.55 0.00
OXY_CHEM_DSASP 323612	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
OZONE_PARK_ESR 323760	43.58 2.54 0.00	41.20 2.22 0.00	39.62 2.03 0.00	39.20 1.87 0.00	41.64 1.91 0.00	45.52 2.50 0.00	64.36 4.15 0.00	80.36 5.19 0.00	70.52 4.18 -3.91	50.65 3.38 -2.27	42.49 2.85 -2.17	37.34 2.60 -0.01	36.39 2.46 -0.62	35.52 2.19 -3.36	34.36 2.17 -2.83	44.50 1.44 -19.13	40.52 2.97 0.00	49.97 3.83 -0.01	55.64 3.64 0.00	68.17 4.76 0.00	57.34 3.85 0.00	49.68 3.38 0.00	42.78 2.87 0.00	37.75 2.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.20 -2.83 0.00	36.44 -2.53 0.00	35.11 -2.48 0.00	34.94 -2.39 0.00	37.15 -2.58 0.00	38.42 -4.60 0.00	52.14 -8.07 0.00	65.85 -9.32 0.00	54.83 -7.12 0.48	40.33 -4.50 0.17	34.03 -3.45 0.00	31.19 -3.54 0.00	29.85 -3.46 0.00	26.91 -3.06 0.00	26.19 -3.17 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.46 -6.09 3.58	45.29 -6.71 0.01	52.06 -8.50 2.86	46.77 -6.69 0.03	35.65 -6.20 4.45	34.92 -4.99 0.00	31.47 -4.01 0.00
PACKARD___115KV_DUPONT_184 80571	38.21 -2.83 0.00	36.44 -2.53 0.00	35.75 -1.84 0.00	35.02 -2.31 0.00	37.19 -2.54 0.00	39.02 -4.00 0.00	53.04 -7.17 0.00	67.05 -8.12 0.00	55.32 -6.62 0.48	40.33 -4.50 0.17	33.99 -3.48 0.00	31.19 -3.54 0.00	29.84 -3.46 0.00	26.91 -3.06 0.00	26.25 -3.11 0.00	19.96 -1.48 2.49	32.90 -4.66 0.00	36.42 -6.14 3.58	45.34 -6.66 0.01	51.93 -8.62 2.86	46.61 -6.85 0.03	35.70 -6.16 4.45	34.84 -5.07 0.00	31.47 -4.01 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.51 2.46 -0.01	41.20 2.22 -0.01	39.67 2.07 -0.01	39.28 1.94 -0.01	41.69 1.95 -0.01	45.48 2.45 -0.01	63.94 3.73 0.00	79.53 4.36 0.00	69.71 3.37 -3.91	50.20 2.93 -2.27	42.15 2.51 -2.17	37.03 2.29 -0.01	36.09 2.17 -0.62	35.25 1.92 -3.36	34.10 1.91 -2.83	44.25 1.20 -19.12	40.18 2.63 0.00	49.56 3.41 -0.01	55.07 3.07 0.00	67.40 3.99 0.00	56.75 3.26 0.00	49.51 3.19 -0.01	42.67 2.75 -0.01	37.72 2.24 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.08 3.04 -0.01	41.75 2.77 -0.01	40.20 2.59 -0.01	39.80 2.46 -0.01	42.24 2.50 -0.01	46.13 3.10 -0.01	64.84 4.64 0.00	80.66 5.49 0.00	70.64 4.31 -3.91	50.83 3.56 -2.27	42.60 2.96 -2.17	37.45 2.71 -0.01	36.46 2.53 -0.62	35.58 2.25 -3.36	34.42 2.23 -2.83	44.54 1.48 -19.12	40.60 3.04 0.00	50.06 3.92 -0.01	55.75 3.74 0.00	68.17 4.76 0.00	57.45 3.96 0.00	50.11 3.80 -0.01	43.19 3.27 -0.01	38.15 2.66 -0.01
PATROON___115KV_TB1 80586	41.82 0.78 0.00	39.72 0.74 0.00	38.31 0.71 0.00	37.97 0.63 0.00	40.25 0.52 0.00	43.75 0.73 0.00	61.59 1.38 0.00	76.83 1.65 0.00	64.74 1.31 -1.00	46.35 0.77 -0.58	38.52 0.49 -0.56	35.29 0.56 0.00	34.14 0.67 -0.16	31.41 0.57 -0.87	30.62 0.53 -0.73	29.16 0.29 -4.94	38.38 0.83 0.00	47.06 0.92 0.00	52.89 0.88 0.00	64.87 1.46 0.00	54.40 0.91 0.00	47.14 0.83 0.00	40.79 0.88 0.00	36.37 0.89 0.00
PATRSNVILLE___SOLAR 323815	42.18 1.15 0.00	40.06 1.09 0.00	38.57 0.98 0.00	38.34 1.01 0.00	40.76 1.03 0.00	44.31 1.29 0.00	62.49 2.29 0.00	77.80 2.63 0.00	64.53 1.37 -0.74	45.88 0.45 -0.43	38.04 0.15 -0.41	34.87 0.14 0.00	33.63 0.20 -0.12	30.70 0.09 -0.64	30.08 0.18 -0.54	27.62 0.07 -3.62	38.04 0.49 0.00	47.15 1.01 0.00	53.51 1.51 0.00	65.69 2.28 0.00	55.20 1.71 0.00	47.69 1.39 0.00	41.15 1.24 0.00	36.51 1.03 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.98 -2.05 0.00	37.14 -1.83 0.00	35.79 -1.80 0.00	35.58 -1.75 0.00	37.94 -1.79 0.00	39.06 -3.96 0.00	53.52 -6.68 0.00	68.26 -6.92 0.00	56.41 -5.49 0.52	41.49 -3.33 0.18	34.96 -2.51 0.00	32.02 -2.71 0.00	30.64 -2.66 0.00	27.66 -2.31 0.00	26.84 -2.52 0.00	19.84 -1.34 2.75	33.24 -4.32 0.00	36.55 -5.63 3.95	45.86 -6.14 0.01	53.09 -7.29 3.03	47.57 -5.88 0.03	36.68 -4.91 4.71	35.16 -4.75 0.00	31.68 -3.80 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.46 2.42 0.00	41.20 2.22 0.00	39.66 2.07 0.00	39.27 1.94 0.00	41.60 1.87 0.00	45.48 2.45 0.00	64.60 4.39 0.00	80.51 5.34 0.00	69.35 4.24 -2.68	49.40 2.84 -1.56	41.22 2.25 -1.50	36.82 2.08 0.00	35.77 2.03 -0.43	34.04 1.74 -2.33	33.08 1.76 -1.96	38.24 1.15 -13.16	40.00 2.44 0.00	49.27 3.14 0.00	55.18 3.17 0.00	67.91 4.50 0.00	57.02 3.53 0.00	49.22 2.92 0.00	42.42 2.51 0.00	37.54 2.06 0.00
PEEKSKILL___ 23653	42.93 1.89 0.00	40.65 1.67 0.00	39.06 1.46 0.00	38.75 1.42 0.00	41.08 1.35 0.00	44.79 1.76 0.00	63.45 3.25 0.00	78.86 3.68 0.00	69.35 2.87 -4.05	49.77 2.38 -2.38	41.86 2.06 -2.33	36.64 1.91 0.00	35.77 1.80 -0.66	35.18 1.59 -3.62	33.99 1.58 -3.05	45.58 0.98 -20.67	39.77 2.22 0.00	48.95 2.81 0.00	54.65 2.65 0.00	67.02 3.61 0.00	56.59 3.10 0.00	48.76 2.45 0.00	42.14 2.23 0.00	37.22 1.74 0.00

PGE MADISON___WINDPWR 24146	43.29 2.26 0.00	41.31 2.34 0.00	39.85 2.26 0.00	39.65 2.31 0.00	42.39 2.66 0.00	45.86 2.84 0.00	65.02 4.82 0.00	82.09 6.92 0.00	65.97 4.81 1.26	46.83 2.57 0.73	38.53 1.76 0.71	36.09 1.35 0.00	34.14 1.03 0.20	29.74 0.87 1.10	29.26 0.82 0.92	17.80 0.93 7.07	39.10 1.54 0.00	48.49 2.35 0.00	55.07 3.07 0.00	67.28 3.87 0.00	56.49 3.00 0.00	48.48 2.18 0.00	41.35 1.44 0.00	36.58 1.10 0.00
PIERCEFIELD___HYD 23852	39.68 -1.35 0.00	37.65 -1.33 0.00	36.43 -1.17 0.00	36.29 -1.05 0.00	38.90 -0.83 0.00	42.33 -0.69 0.00	59.00 -1.20 0.00	73.75 -1.43 0.00	64.87 -1.12 -3.56	44.19 -0.81 0.00	36.72 -0.75 0.00	33.97 -0.76 0.00	32.51 -0.80 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.33 -0.60 0.00	36.92 -0.64 0.00	45.49 -0.65 0.00	51.33 -0.68 0.00	61.89 -1.52 0.00	52.63 -0.86 0.00	46.07 -0.23 0.00	39.51 -0.40 0.00	34.88 -0.60 0.00
PINELAWN_CC_1 323563	44.29 3.24 -0.01	41.90 2.92 0.00	40.23 2.63 -0.01	39.94 2.61 0.00	42.40 2.66 0.00	46.26 3.23 -0.01	65.49 4.94 -0.35	80.13 4.06 -0.90	70.08 3.24 -4.41	50.96 3.69 -2.27	42.90 3.26 -2.17	37.83 3.09 -0.01	36.73 2.80 -0.62	35.82 2.49 -3.37	34.72 2.53 -2.83	44.66 1.63 -19.10	41.01 3.38 -0.07	49.85 3.60 -0.11	56.38 4.00 -0.37	69.57 5.26 -0.90	58.40 4.44 -0.48	50.13 3.71 -0.12	43.38 3.39 -0.07	38.33 2.84 -0.01
PJM_GEN_HTP_PROXY 323702	43.29 2.26 0.00	40.92 1.95 0.00	39.32 1.73 0.00	38.97 1.64 0.00	41.36 1.63 0.00	45.13 2.11 0.00	63.94 3.73 0.00	79.53 4.36 0.00	69.90 3.56 -3.91	50.29 3.02 -2.28	42.23 2.58 -2.17	37.10 2.36 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.19 2.00 -2.83	44.34 1.27 -19.14	40.26 2.71 0.00	49.61 3.46 -0.01	55.23 3.23 0.00	67.59 4.18 0.00	57.13 3.64 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.54 2.06 0.00
PJM_GEN_KEystone 24065	39.77 -0.33 0.94	37.85 -0.35 0.77	36.68 -0.26 0.66	36.29 -0.41 0.63	38.38 -0.56 0.80	41.10 -0.86 1.06	57.98 -1.02 1.20	72.00 -1.43 1.74	51.50 -1.50 9.43	40.91 -0.72 3.37	37.40 -0.49 -0.42	33.49 -0.56 0.69	32.38 -0.60 0.33	30.78 -0.51 -1.32	29.90 -0.53 -1.07	34.00 -0.26 -10.33	36.00 -0.83 0.73	42.00 -1.11 3.03	49.90 -1.40 0.70	59.77 -1.52 2.12	51.59 -1.18 0.72	43.03 -1.25 2.02	38.05 -1.00 0.86	34.24 -0.78 0.46
PJM_GEN_NEPTUNE_PROXY 323594	43.71 2.67 -0.01	41.39 2.42 0.00	39.74 2.14 -0.01	39.46 2.13 0.00	41.88 2.14 0.00	45.61 2.58 -0.01	64.24 4.03 0.00	78.48 3.30 0.00	68.95 2.62 -3.91	50.42 3.15 -2.27	42.41 2.77 -2.17	37.38 2.64 -0.01	36.33 2.40 -0.62	35.46 2.13 -3.37	34.34 2.14 -2.83	44.40 1.36 -19.10	40.45 2.85 -0.04	49.14 3.00 -0.01	55.29 3.28 -0.01	67.73 4.31 -0.01	57.13 3.64 -0.01	49.32 3.01 -0.01	42.74 2.79 -0.04	37.79 2.30 -0.01
PJM_GEN_VFT_PROXY 323633	29.73 2.05 13.36	29.73 1.76 11.00	29.73 1.51 9.37	29.73 1.42 9.02	29.73 1.43 11.43	29.73 1.89 15.18	46.53 3.43 17.10	54.25 3.98 24.91	36.29 3.31 29.44	29.73 2.88 18.16	29.56 2.47 10.39	27.21 2.26 9.78	26.11 2.16 9.36	25.41 1.92 6.48	25.12 1.91 6.15	26.61 1.20 -1.48	29.73 2.59 10.41	29.73 3.32 19.73	45.05 3.02 9.97	53.41 3.93 13.93	46.76 3.37 10.10	45.70 2.82 3.43	30.02 2.43 12.33	30.81 1.88 6.55
PLATSBURG_115KV_PMLD1 355749	40.50 -0.53 0.00	38.39 -0.58 0.00	37.22 -0.38 0.00	37.14 -0.19 0.00	39.85 0.12 0.00	43.41 0.39 0.00	60.57 0.36 0.00	75.78 0.60 0.00	63.20 0.87 0.10	45.81 0.81 0.00	38.22 0.75 0.00	35.36 0.63 0.00	33.88 0.57 0.00	30.42 0.45 0.00	29.83 0.47 0.00	24.31 0.38 0.00	38.23 0.68 0.00	47.01 0.88 0.00	52.94 0.94 0.00	63.85 0.44 0.00	54.24 0.75 0.00	47.32 1.02 0.00	40.63 0.72 0.00	35.97 0.50 0.00
PLEASANTVLY___LBMP 24000	42.72 1.68 0.00	40.46 1.48 0.00	38.95 1.35 0.00	38.56 1.23 0.00	40.92 1.19 0.00	44.61 1.59 0.00	62.97 2.77 0.00	78.41 3.23 0.00	67.50 2.50 -2.57	48.48 1.98 -1.50	40.56 1.65 -1.44	36.29 1.56 0.00	35.25 1.53 -0.41	33.55 1.35 -2.24	32.56 1.32 -1.88	37.42 0.79 -12.70	39.43 1.88 0.00	48.49 2.35 0.00	54.19 2.18 0.00	66.39 2.98 0.00	55.84 2.35 0.00	48.34 2.04 0.00	41.75 1.84 0.00	36.97 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.17 2.13 0.00	40.88 1.91 0.00	39.32 1.73 0.00	38.97 1.64 0.00	41.32 1.59 0.00	45.13 2.11 0.00	63.82 3.61 0.00	79.53 4.36 0.00	69.39 3.50 -3.47	49.76 2.75 -2.01	41.72 2.32 -1.93	36.89 2.15 0.00	35.89 2.03 -0.55	34.75 1.80 -2.99	33.66 1.79 -2.51	42.04 1.12 -16.98	40.00 2.44 0.00	49.28 3.14 0.00	55.02 3.02 0.00	67.53 4.12 0.00	56.86 3.37 0.00	49.13 2.82 0.00	42.38 2.47 0.00	37.39 1.92 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.17 2.13 0.00	40.88 1.91 0.00	39.32 1.73 0.00	38.97 1.64 0.00	41.32 1.59 0.00	45.13 2.11 0.00	63.82 3.61 0.00	79.53 4.36 0.00	69.39 3.50 -3.47	49.76 2.75 -2.01	41.72 2.32 -1.93	36.89 2.15 0.00	35.89 2.03 -0.55	34.75 1.80 -2.99	33.66 1.79 -2.51	42.04 1.12 -16.98	40.00 2.44 0.00	49.28 3.14 0.00	55.02 3.02 0.00	67.53 4.12 0.00	56.86 3.37 0.00	49.13 2.82 0.00	42.38 2.47 0.00	37.39 1.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.05 2.01 0.00	40.77 1.79 0.00	39.25 1.65 0.00	38.90 1.57 0.00	41.28 1.55 0.00	45.00 1.98 0.00	63.70 3.49 0.00	79.08 3.91 0.00	67.69 3.00 -2.27	48.44 2.12 -1.32	40.43 1.69 -1.27	36.29 1.56 0.00	35.24 1.57 -0.36	33.32 1.38 -1.97	32.40 1.38 -1.66	35.84 0.84 -11.07	39.55 1.99 0.00	48.77 2.63 0.00	54.50 2.50 0.00	66.90 3.49 0.00	56.22 2.73 0.00	48.66 2.36 0.00	41.99 2.08 0.00	37.22 1.74 0.00
POLETTI___ 23519	43.17 2.13 0.00	40.81 1.83 0.00	39.29 1.69 0.00	38.86 1.53 0.00	41.28 1.55 0.00	45.09 2.07 0.00	63.76 3.55 0.00	79.53 4.36 0.00	69.82 3.50 -3.90	50.14 2.88 -2.26	42.06 2.44 -2.15	36.98 2.26 0.01	36.04 2.13 -0.60	35.25 1.92 -3.36	34.10 1.91 -2.83	44.24 1.20 -19.12	40.13 2.59 0.02	49.46 3.32 0.00	55.06 3.07 0.02	67.39 3.99 0.02	56.73 3.26 0.02	49.17 2.87 0.00	42.38 2.47 0.00	37.39 1.92 0.00
POMONA___ESR 323819	42.88 1.85 0.00	40.61 1.64 0.00	38.99 1.39 0.00	38.71 1.38 0.00	41.04 1.31 0.00	44.70 1.68 0.00	63.39 3.19 0.00	78.63 3.46 0.00	55.00 2.68 10.11	45.07 2.29 2.23	42.56 1.95 -3.14	36.53 1.80 0.00	35.93 1.73 -0.89	36.37 1.53 -4.88	34.99 1.53 -4.11	49.98 0.93 -25.11	39.69 2.14 0.00	48.86 2.72 0.00	54.55 2.55 0.00	66.89 3.49 0.00	56.43 2.94 0.00	48.66 2.36 0.00	42.06 2.15 0.00	37.18 1.70 0.00
PORT_JEFF_3 23555	44.78 3.73 -0.01	42.41 3.43 0.00	40.72 3.12 -0.01	40.43 3.10 0.00	42.95 3.22 0.00	46.91 3.87 -0.01	67.39 5.66 -1.53	83.40 4.28 -3.94	72.22 3.68 -6.12	51.55 4.28 -2.27	43.38 3.75 -2.17	38.28 3.54 -0.01	37.13 3.20 -0.62	36.18 2.85 -3.37	35.13 2.94 -2.83	44.85 1.82 -19.10	41.49 3.87 -0.07	50.80 4.20 -0.46	58.08 4.47 -1.60	72.90 5.58 -3.91	60.47 4.92 -2.06	50.97 4.17 -0.50	43.81 3.83 -0.07	38.61 3.12 -0.01

PORT_JEFF_4 23616	44.78 3.73 -0.01	42.41 3.43 0.00	40.72 3.12 -0.01	40.43 3.10 0.00	42.95 3.22 0.00	46.91 3.87 -0.01	67.39 5.66 -1.53	83.40 4.28 -3.94	72.22 3.68 -6.12	51.55 4.28 -2.27	43.38 3.75 -2.17	38.28 3.54 -0.01	37.13 3.20 -0.62	36.18 2.85 -3.37	35.13 2.94 -2.83	44.85 1.82 -19.10	41.49 3.87 -0.07	50.80 4.20 -0.46	58.08 4.47 -1.60	72.90 5.58 -3.91	60.47 4.92 -2.06	50.97 4.17 -0.50	43.81 3.83 -0.07	38.61 3.12 -0.01
PORT_JEFF_IC 23713	44.82 3.78 -0.01	42.44 3.47 0.00	40.91 3.31 -0.01	40.47 3.14 0.00	43.03 3.30 0.00	46.99 3.96 -0.01	66.94 5.48 -1.26	82.78 4.36 -3.25	71.15 3.00 -5.73	51.55 4.28 -2.27	43.39 3.75 -2.17	38.31 3.58 -0.01	37.13 3.20 -0.62	36.21 2.88 -3.37	35.13 2.94 -2.83	44.88 1.84 -19.10	41.53 3.91 -0.07	50.81 4.29 -0.38	57.85 4.52 -1.32	72.09 5.45 -3.22	60.05 4.87 -1.70	50.98 4.26 -0.41	43.85 3.87 -0.07	38.50 3.02 -0.01
PPL_PILGRIM_ST_GT1 24216	44.70 3.65 -0.01	42.29 3.31 0.00	40.61 3.01 -0.01	40.32 2.99 0.00	42.79 3.06 0.00	46.73 3.70 -0.01	66.94 5.30 -1.43	83.16 4.28 -3.71	71.90 3.49 -5.98	51.28 4.00 -2.27	43.31 3.67 -2.17	38.18 3.44 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.01 2.82 -2.83	44.88 1.84 -19.10	41.38 3.76 -0.07	50.58 4.01 -0.44	57.93 4.42 -1.50	72.86 5.77 -3.68	60.29 4.87 -1.94	50.85 4.08 -0.47	43.77 3.79 -0.07	38.57 3.09 -0.01
PPL_PILGRIM_ST_GT2 24217	44.70 3.65 -0.01	42.29 3.31 0.00	40.61 3.01 -0.01	40.32 2.99 0.00	42.79 3.06 0.00	46.73 3.70 -0.01	66.94 5.30 -1.43	83.16 4.28 -3.71	71.90 3.49 -5.98	51.28 4.00 -2.27	43.31 3.67 -2.17	38.18 3.44 -0.01	37.06 3.13 -0.62	36.12 2.79 -3.37	35.01 2.82 -2.83	44.88 1.84 -19.10	41.38 3.76 -0.07	50.58 4.01 -0.44	57.93 4.42 -1.50	72.86 5.77 -3.68	60.29 4.87 -1.94	50.85 4.08 -0.47	43.77 3.79 -0.07	38.57 3.09 -0.01
PPL_SHRM_GT3 24213	44.90 3.86 -0.01	42.56 3.58 0.00	40.91 3.31 -0.01	40.62 3.29 0.00	43.15 3.42 0.00	47.20 4.17 -0.01	67.55 5.90 -1.44	83.04 4.13 -3.73	71.73 3.31 -6.00	51.64 4.36 -2.27	43.42 3.78 -2.17	38.46 3.72 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.30 3.11 -2.83	44.68 1.65 -19.10	41.57 3.94 -0.07	50.91 4.34 -0.44	57.58 4.06 -1.51	72.50 5.39 -3.70	60.04 4.60 -1.95	50.85 4.08 -0.47	43.69 3.71 -0.07	38.47 2.98 -0.01
PPL_SHRM_GT4 24214	44.90 3.86 -0.01	42.56 3.58 0.00	40.91 3.31 -0.01	40.62 3.29 0.00	43.15 3.42 0.00	47.20 4.17 -0.01	67.55 5.90 -1.44	83.04 4.13 -3.73	71.73 3.31 -6.00	51.64 4.36 -2.27	43.42 3.78 -2.17	38.46 3.72 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.30 3.11 -2.83	44.68 1.65 -19.10	41.57 3.94 -0.07	50.91 4.34 -0.44	57.58 4.06 -1.51	72.50 5.39 -3.70	60.04 4.60 -1.95	50.85 4.08 -0.47	43.69 3.71 -0.07	38.47 2.98 -0.01
PROJECT___ORANGE 1 24174	41.00 -0.04 0.00	38.94 -0.04 0.00	37.52 -0.08 0.00	37.26 -0.07 0.00	39.73 0.00 0.00	42.81 -0.22 0.00	60.02 -0.18 0.00	75.17 0.00 0.00	62.57 0.06 -0.08	45.00 0.00 0.00	37.51 0.04 0.00	34.70 -0.03 0.00	33.24 -0.07 0.00	29.94 -0.03 0.00	29.30 -0.06 0.00	24.05 0.12 0.00	37.41 -0.15 0.00	45.90 -0.23 0.00	51.74 -0.26 0.00	63.09 -0.32 0.00	53.22 -0.27 0.00	46.03 -0.28 0.00	39.59 -0.32 0.00	35.23 -0.25 0.00
PROJECT___ORANGE 2 24166	41.00 -0.04 0.00	38.94 -0.04 0.00	37.52 -0.08 0.00	37.26 -0.07 0.00	39.73 0.00 0.00	42.81 -0.22 0.00	60.02 -0.18 0.00	75.17 0.00 0.00	62.57 0.06 -0.08	45.00 0.00 0.00	37.51 0.04 0.00	34.70 -0.03 0.00	33.24 -0.07 0.00	29.94 -0.03 0.00	29.30 -0.06 0.00	24.05 0.12 0.00	37.41 -0.15 0.00	45.90 -0.23 0.00	51.74 -0.26 0.00	63.09 -0.32 0.00	53.22 -0.27 0.00	46.03 -0.28 0.00	39.59 -0.32 0.00	35.23 -0.25 0.00
PUCKETT___SOLAR 323809	41.73 0.70 0.00	39.68 0.70 0.00	38.31 0.71 0.00	38.00 0.67 0.00	40.49 0.75 0.00	43.71 0.69 0.00	61.47 1.27 0.00	76.90 1.73 0.00	62.17 0.94 1.19	44.76 0.45 0.69	37.11 0.30 0.67	34.87 0.14 0.00	33.15 0.03 0.19	28.93 0.00 1.03	28.49 0.00 0.87	17.91 0.24 6.26	37.74 0.19 0.00	45.78 0.37 0.73	52.58 0.57 0.00	63.70 0.82 0.53	54.18 0.69 0.00	45.80 0.33 0.83	40.11 0.20 0.00	35.66 0.18 0.00
PYRITES___HYD 24023	40.63 -0.41 0.00	38.51 -0.47 0.00	37.26 -0.34 0.00	37.11 -0.22 0.00	39.81 0.08 0.00	43.32 0.30 0.00	60.45 0.24 0.00	75.47 0.30 -3.78	66.27 0.06 -0.09	44.91 -0.09 0.00	37.25 -0.22 0.00	34.42 -0.31 0.00	32.91 -0.40 0.00	29.58 -0.39 0.00	29.07 -0.29 0.00	23.67 -0.26 0.00	37.52 -0.04 0.00	46.32 0.18 0.00	52.42 0.42 0.00	63.22 -0.19 0.00	53.81 0.32 0.00	47.14 0.83 0.00	40.39 0.48 0.00	35.66 0.18 0.00
QUAKERRD_115KV_BK1 80622	39.81 -1.23 0.00	37.84 -1.13 0.00	36.54 -1.05 0.00	36.29 -1.05 0.00	38.70 -1.03 0.00	41.30 -1.72 0.00	57.44 -2.77 0.00	72.24 -2.93 0.00	60.00 -2.06 0.36	43.44 -1.44 0.13	36.39 -1.09 0.00	33.48 -1.25 0.00	32.04 -1.27 0.00	28.83 -1.14 0.00	28.16 -1.20 0.00	23.45 -0.48 0.00	35.90 -1.65 0.00	44.76 -2.21 -0.84	49.61 -2.39 0.00	60.93 -3.11 -0.63	51.08 -2.41 0.00	44.84 -2.45 -0.99	37.95 -1.96 0.00	33.85 -1.63 0.00
QUENSBRY_115KV_TB8 356137	41.53 0.49 0.00	39.44 0.47 0.00	38.08 0.49 0.00	37.82 0.49 0.00	40.13 0.40 0.00	43.80 0.77 0.00	62.01 1.81 0.00	77.58 2.41 0.00	64.80 1.44 -0.94	45.96 0.41 -0.55	38.04 0.04 -0.53	34.73 0.00 0.00	33.59 0.13 -0.15	30.82 0.03 -0.82	30.08 0.03 -0.69	28.50 -0.07 -4.64	37.89 0.34 0.00	46.78 0.65 0.00	53.04 1.04 0.00	65.25 1.84 0.00	54.56 1.07 0.00	47.14 0.83 0.00	40.71 0.80 0.00	36.12 0.64 0.00
RAMAPO___LBMP 323565	42.72 1.68 0.00	40.46 1.48 0.00	38.95 1.35 0.00	38.56 1.23 0.00	40.92 1.19 0.00	44.61 1.59 0.00	63.09 2.89 0.00	78.56 3.38 0.00	55.05 2.56 9.94	44.80 2.12 2.32	42.05 1.80 -2.78	36.40 1.67 0.00	35.70 1.60 -0.79	35.70 1.41 -4.33	34.41 1.41 -3.64	49.65 0.84 -24.88	39.55 1.99 0.00	48.63 2.49 0.00	54.34 2.34 0.00	66.64 3.23 0.00	56.05 2.57 0.00	48.53 2.22 0.00	41.87 1.96 0.00	37.04 1.56 0.00
RANKINE___ 23646	38.90 -2.13 0.00	37.03 -1.95 0.00	35.71 -1.88 0.00	35.50 -1.83 0.00	37.83 -1.91 0.00	39.02 -4.00 0.00	53.40 -6.80 0.00	67.58 -7.59 0.00	55.92 -5.99 0.52	41.13 -3.69 0.18	34.66 -2.81 0.00	31.78 -2.95 0.00	30.38 -2.93 0.00	27.42 -2.55 0.00	26.66 -2.70 0.00	20.06 -1.17 2.70	33.39 -4.17 0.00	36.72 -5.44 3.97	46.01 -5.98 0.01	52.95 -7.36 3.10	47.51 -5.94 0.04	36.11 -5.37 4.82	35.28 -4.63 0.00	31.79 -3.69 0.00
RAVENSWOOD_GT2_1 24244	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.50 2.02 0.00

RAVENSWOOD_GT2_2 24245	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.50 2.02 0.00
RAVENSWOOD_GT2_3 24246	43.33 2.30 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.44 1.71 0.00	45.26 2.24 0.00	63.94 3.73 0.00	79.76 4.59 0.00	69.96 3.62 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.26 2.70 0.00	49.60 3.46 -0.01	55.23 3.22 0.00	67.66 4.25 0.00	56.91 3.42 0.00	49.36 3.06 0.00	42.50 2.59 0.00	37.54 2.06 0.00
RAVENSWOOD_GT2_4 24247	43.33 2.30 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.44 1.71 0.00	45.26 2.24 0.00	63.94 3.73 0.00	79.76 4.59 0.00	69.96 3.62 -3.91	50.29 3.02 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.26 2.70 0.00	49.60 3.46 -0.01	55.23 3.22 0.00	67.66 4.25 0.00	56.91 3.42 0.00	49.36 3.06 0.00	42.50 2.59 0.00	37.54 2.06 0.00
RAVENSWOOD_GT3_1 24248	43.29 2.26 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.94 3.73 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.54 2.06 0.00
RAVENSWOOD_GT3_2 24249	43.29 2.26 0.00	40.96 1.99 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.94 3.73 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.54 2.06 0.00
RAVENSWOOD_GT3_3 24250	43.38 2.34 0.00	41.00 2.03 0.00	39.47 1.88 0.00	39.05 1.72 0.00	41.44 1.71 0.00	45.30 2.28 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.02 3.68 -3.91	50.34 3.06 -2.27	42.23 2.59 -2.17	37.13 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.72 4.31 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.57 2.09 0.00
RAVENSWOOD_GT3_4 24251	43.38 2.34 0.00	41.00 2.03 0.00	39.47 1.88 0.00	39.05 1.72 0.00	41.44 1.71 0.00	45.30 2.28 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.02 3.68 -3.91	50.34 3.06 -2.27	42.23 2.59 -2.17	37.13 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.30 2.74 0.00	49.65 3.51 -0.01	55.28 3.28 0.00	67.72 4.31 0.00	56.96 3.48 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.57 2.09 0.00
RAVENSWOOD_GT_1 23729	43.55 2.50 -0.01	41.21 2.22 -0.01	39.67 2.07 -0.01	39.24 1.90 -0.01	41.65 1.91 -0.01	45.48 2.45 -0.01	64.12 3.91 0.00	79.91 4.74 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.34 2.70 -2.17	37.24 2.50 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.06 -2.83	44.40 1.34 -19.12	40.37 2.82 0.00	49.79 3.64 -0.01	55.38 3.38 0.00	67.72 4.31 0.00	57.07 3.58 0.00	49.60 3.29 -0.01	42.75 2.83 -0.01	37.72 2.24 -0.01
RAVENSWOOD_GT_10 24258	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.50 2.02 0.00
RAVENSWOOD_GT_11 24259	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.50 2.02 0.00
RAVENSWOOD_GT_4 24252	43.38 2.34 -0.01	41.01 2.03 -0.01	39.48 1.88 -0.01	39.06 1.72 -0.01	41.49 1.75 -0.01	45.31 2.28 -0.01	63.94 3.73 0.00	79.76 4.59 0.00	69.96 3.62 -3.91	50.29 3.02 -2.27	42.23 2.59 -2.17	37.13 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.26 2.70 0.00	49.60 3.46 -0.01	55.23 3.22 0.00	67.66 4.25 0.00	56.91 3.42 0.00	49.41 3.10 -0.01	42.55 2.63 -0.01	37.58 2.09 -0.01
RAVENSWOOD_GT_5 24254	43.38 2.34 -0.01	41.01 2.03 -0.01	39.48 1.88 -0.01	39.06 1.72 -0.01	41.49 1.75 -0.01	45.31 2.28 -0.01	63.94 3.73 0.00	79.76 4.59 0.00	69.96 3.62 -3.91	50.29 3.02 -2.27	42.23 2.59 -2.17	37.13 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.26 2.70 0.00	49.60 3.46 -0.01	55.23 3.22 0.00	67.66 4.25 0.00	56.91 3.42 0.00	49.41 3.10 -0.01	42.55 2.63 -0.01	37.58 2.09 -0.01
RAVENSWOOD_GT_6 24253	43.38 2.34 -0.01	41.01 2.03 -0.01	39.48 1.88 -0.01	39.06 1.72 -0.01	41.49 1.75 -0.01	45.31 2.28 -0.01	63.94 3.73 0.00	79.76 4.59 0.00	69.96 3.62 -3.91	50.29 3.02 -2.27	42.23 2.59 -2.17	37.13 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.26 2.70 0.00	49.60 3.46 -0.01	55.23 3.22 0.00	67.66 4.25 0.00	56.91 3.42 0.00	49.41 3.10 -0.01	42.55 2.63 -0.01	37.58 2.09 -0.01
RAVENSWOOD_GT_7 24255	43.38 2.34 -0.01	41.01 2.03 -0.01	39.48 1.88 -0.01	39.06 1.72 -0.01	41.49 1.75 -0.01	45.31 2.28 -0.01	63.94 3.73 0.00	79.76 4.59 0.00	69.96 3.62 -3.91	50.29 3.02 -2.27	42.23 2.59 -2.17	37.13 2.40 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.33 1.27 -19.12	40.26 2.70 0.00	49.60 3.46 -0.01	55.23 3.22 0.00	67.66 4.25 0.00	56.91 3.42 0.00	49.41 3.10 -0.01	42.55 2.63 -0.01	37.58 2.09 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.50 2.02 0.00

RAVENSWOOD_GT_9 24257	43.29 2.26 0.00	40.96 1.99 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.88 3.67 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.33 1.27 -19.12	40.22 2.67 0.00	49.56 3.41 -0.01	55.23 3.22 0.00	67.59 4.19 0.00	56.91 3.42 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.50 2.02 0.00
RAVENSWOOD___1 23533	43.55 2.50 -0.01	41.16 2.18 -0.01	39.52 1.92 -0.01	39.20 1.87 -0.01	41.61 1.87 -0.01	45.40 2.36 -0.01	64.12 3.91 0.00	79.61 4.43 0.00	69.89 3.56 -3.91	50.38 3.10 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.26 2.33 -0.62	35.40 2.07 -3.36	34.24 2.05 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.79 3.64 -0.01	55.33 3.33 0.00	67.72 4.31 0.00	57.17 3.69 0.00	49.55 3.24 -0.01	42.75 2.83 -0.01	37.76 2.27 -0.01
RAVENSWOOD___2 23534	43.51 2.46 -0.01	41.16 2.18 -0.01	39.52 1.92 -0.01	39.17 1.83 -0.01	41.61 1.87 -0.01	45.35 2.32 -0.01	64.06 3.86 0.00	79.61 4.43 0.00	69.83 3.49 -3.91	50.38 3.10 -2.27	42.30 2.66 -2.17	37.20 2.47 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.24 2.05 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.79 3.64 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.17 3.69 0.00	49.55 3.24 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
RAVENSWOOD___3 23535	43.33 2.30 0.00	40.96 1.99 0.00	39.32 1.73 0.00	38.97 1.64 0.00	41.40 1.67 0.00	45.17 2.15 0.00	63.94 3.73 0.00	79.46 4.28 0.00	69.83 3.49 -3.91	50.25 2.97 -2.27	42.19 2.55 -2.17	37.10 2.36 -0.01	36.16 2.23 -0.62	35.31 1.98 -3.36	34.16 1.97 -2.83	44.32 1.27 -19.12	40.22 2.67 0.00	49.60 3.46 -0.01	55.23 3.23 0.00	67.59 4.18 0.00	57.07 3.58 0.00	49.31 3.01 0.00	42.54 2.63 0.00	37.54 2.06 0.00
RAVENSWOOD___4 23820	43.51 2.46 -0.01	41.16 2.18 -0.01	39.52 1.92 -0.01	39.17 1.83 -0.01	41.57 1.83 -0.01	45.35 2.32 -0.01	64.06 3.86 0.00	79.61 4.43 0.00	69.83 3.49 -3.91	50.38 3.10 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.21 2.02 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.79 3.64 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	57.17 3.69 0.00	49.55 3.24 -0.01	42.71 2.79 -0.01	37.72 2.24 -0.01
RCPI_TRUST___DRP 24196	43.33 2.30 0.00	41.00 2.03 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.44 1.71 0.00	45.26 2.24 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.15 3.81 -3.91	50.38 3.11 -2.28	42.27 2.62 -2.17	37.17 2.43 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.22 2.03 -2.83	44.39 1.32 -19.14	40.30 2.74 0.00	49.65 3.51 -0.01	55.33 3.33 0.00	67.72 4.31 0.00	57.02 3.53 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.54 2.06 0.00
RED___ROCHESTER 323720	40.63 -0.41 0.00	38.62 -0.35 0.00	37.59 0.00 0.00	37.07 -0.26 0.00	39.54 -0.20 0.00	42.33 -0.69 0.00	58.82 -1.38 0.00	74.12 -1.05 0.00	61.43 -0.62 0.37	44.29 -0.59 0.13	37.10 -0.37 0.00	34.14 -0.59 0.00	32.64 -0.67 0.00	29.37 -0.60 0.00	28.69 -0.67 0.00	23.98 0.05 0.00	36.50 -1.05 0.00	45.49 -1.48 -0.83	50.55 -1.46 0.00	61.92 -2.22 -0.73	51.93 -1.55 0.00	45.81 -1.62 -1.13	38.51 -1.40 0.00	34.38 -1.10 0.00
REGAN___SOLAR 323812	43.05 2.01 0.00	40.85 1.87 0.00	39.36 1.77 0.00	39.16 1.83 0.00	41.64 1.91 0.00	45.43 2.41 0.00	64.42 4.21 0.00	80.13 4.96 0.00	65.30 2.31 -0.56	45.65 0.45 -0.20	37.44 -0.04 0.00	34.70 -0.03 0.00	33.34 0.03 0.00	29.88 -0.09 0.00	29.42 0.06 0.00	26.71 0.05 -2.73	38.15 0.60 0.00	47.79 1.66 0.00	54.86 2.86 0.00	67.59 4.18 0.00	56.70 3.21 0.00	48.80 2.50 0.00	42.06 2.15 0.00	37.29 1.81 0.00
RENSSELAER___COGEN 23796	41.65 0.62 0.00	39.56 0.59 0.00	38.05 0.45 0.00	37.81 0.48 0.00	40.13 0.40 0.00	43.45 0.43 0.00	61.35 1.14 0.00	76.30 1.13 0.00	64.41 0.87 -1.11	46.19 0.54 -0.65	38.39 0.30 -0.62	35.11 0.38 0.00	34.02 0.53 -0.18	31.35 0.42 -0.97	30.55 0.38 -0.81	29.58 0.17 -5.47	38.23 0.68 0.00	46.87 0.74 0.00	52.63 0.63 0.00	64.61 1.20 0.00	54.24 0.75 0.00	47.00 0.70 0.00	40.67 0.76 0.00	36.22 0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.06 1.03 0.00	39.91 0.94 0.00	38.61 1.02 0.00	38.34 1.01 0.00	40.73 0.99 0.00	44.66 1.63 0.00	63.52 3.31 0.00	79.53 4.36 0.00	66.00 2.62 -0.95	46.41 0.86 -0.55	38.23 0.22 -0.53	34.84 0.10 0.00	33.66 0.20 -0.15	30.88 0.09 -0.82	30.11 0.06 -0.69	28.60 0.00 -4.67	38.08 0.53 0.00	47.24 1.11 0.00	53.98 1.98 0.00	66.64 3.23 0.00	55.57 2.09 0.00	47.88 1.57 0.00	41.31 1.40 0.00	36.58 1.10 0.00
REVERE_CPPR_DRP 24186	41.98 0.94 0.00	39.95 0.97 0.00	38.53 0.94 0.00	38.30 0.97 0.00	40.92 1.19 0.00	44.36 1.33 0.00	62.49 2.29 0.00	78.41 3.23 0.00	65.13 2.37 -0.33	46.22 1.22 0.00	38.33 0.86 0.00	35.46 0.73 0.00	33.91 0.60 0.00	30.48 0.51 0.00	29.86 0.50 0.00	24.48 0.55 0.00	38.49 0.94 0.00	47.47 1.34 0.00	53.77 1.77 0.00	65.69 2.28 0.00	55.25 1.77 0.00	47.74 1.44 0.00	40.87 0.96 0.00	36.19 0.71 0.00
REYNLDPA_13_KV_LD 356490	40.87 -0.16 0.00	38.74 -0.23 0.00	37.48 -0.11 0.00	37.29 -0.04 0.00	39.89 0.16 0.00	43.28 0.26 0.00	59.42 -0.78 0.00	74.19 -0.98 0.00	61.40 -0.37 0.65	45.36 0.36 0.00	37.81 0.34 0.00	35.01 0.28 0.00	33.54 0.23 0.00	30.15 0.18 0.00	29.57 0.21 0.00	24.08 0.14 0.00	37.89 0.34 0.00	46.55 0.41 0.00	51.90 -0.10 0.00	62.58 -0.83 0.00	52.90 -0.59 0.00	47.00 0.70 0.00	40.43 0.52 0.00	35.87 0.39 0.00
REYNOLDS_115KV_TB3 80639	41.78 0.74 0.00	39.75 0.78 0.00	38.31 0.71 0.00	38.00 0.67 0.00	40.25 0.52 0.00	43.75 0.73 0.00	61.77 1.57 0.00	76.90 1.73 0.00	64.94 1.31 -1.21	46.52 0.81 -0.70	38.64 0.49 -0.68	35.29 0.56 0.00	34.23 0.73 -0.19	31.62 0.60 -1.05	30.83 0.59 -0.88	30.14 0.26 -5.95	38.53 0.98 0.00	47.20 1.06 0.00	52.94 0.94 0.00	64.99 1.59 0.00	54.45 0.96 0.00	47.32 1.02 0.00	40.95 1.04 0.00	36.51 1.03 0.00
RIVERBAY___ 323610	44.08 3.04 -0.01	41.75 2.77 -0.01	40.20 2.59 -0.01	39.80 2.46 -0.01	42.24 2.50 -0.01	46.13 3.10 -0.01	64.84 4.64 0.00	80.66 5.49 0.00	70.64 4.31 -3.91	50.83 3.56 -2.27	42.60 2.96 -2.17	37.45 2.71 -0.01	36.46 2.53 -0.62	35.58 2.25 -3.36	34.42 2.23 -2.83	44.54 1.48 -19.12	40.60 3.04 0.00	50.06 3.92 -0.01	55.75 3.74 0.00	68.17 4.76 0.00	57.45 3.96 0.00	50.11 3.80 -0.01	43.19 3.27 -0.01	38.15 2.66 -0.01
RIVERSDE_115KV_TB3 55908	41.73 0.70 0.00	39.68 0.70 0.00	38.27 0.68 0.00	37.93 0.60 0.00	40.21 0.48 0.00	43.67 0.65 0.00	61.65 1.44 0.00	76.75 1.58 0.00	64.77 1.19 -1.16	46.40 0.72 -0.67	38.53 0.41 -0.65	35.22 0.49 0.00	34.16 0.67 -0.18	31.51 0.54 -1.00	30.73 0.53 -0.85	29.86 0.24 -5.69	38.42 0.86 0.00	47.10 0.97 0.00	52.84 0.83 0.00	64.87 1.46 0.00	54.34 0.86 0.00	47.18 0.88 0.00	40.83 0.92 0.00	36.40 0.92 0.00

ROARING___BROOK_WT_PWR 323790	40.26 -0.78 0.00	38.31 -0.66 0.00	37.07 -0.53 0.00	36.88 -0.45 0.00	39.37 -0.36 0.00	42.72 -0.30 0.00	59.79 -0.42 0.00	74.73 -0.45 0.00	62.08 -0.25 0.10	44.91 -0.09 0.00	37.40 -0.07 0.00	34.66 -0.07 0.00	33.21 -0.10 0.00	29.85 -0.12 0.00	29.24 -0.12 0.00	23.81 -0.12 0.00	37.41 -0.15 0.00	45.95 -0.18 0.00	51.64 -0.36 0.00	62.71 -0.70 0.00	52.74 -0.75 0.00	45.65 -0.65 0.00	39.19 -0.72 0.00	34.77 -0.71 0.00
ROCHESRG_115KV_T4 355643	40.22 -0.82 0.00	38.20 -0.78 0.00	36.88 -0.71 0.00	36.62 -0.71 0.00	39.06 -0.68 0.00	41.52 -1.51 0.00	57.62 -2.59 0.00	72.47 -2.71 0.00	60.25 -1.81 0.37	43.66 -1.22 0.13	36.61 -0.86 0.00	33.69 -1.04 0.00	32.21 -1.10 0.00	29.01 -0.96 0.00	28.30 -1.06 0.00	23.67 -0.26 0.00	36.02 -1.54 0.00	44.81 -2.08 0.00	49.82 -2.18 0.00	61.14 -2.92 -0.65	51.29 -2.19 0.00	45.00 -2.32 -1.01	38.11 -1.80 0.00	34.02 -1.45 0.00
ROCHESTER_9_IC 23652	40.46 -0.57 0.00	38.47 -0.51 0.00	37.14 -0.45 0.00	36.88 -0.45 0.00	39.34 -0.40 0.00	41.86 -1.16 0.00	58.10 -2.11 0.00	73.14 -2.03 0.00	60.80 -1.25 0.37	44.02 -0.86 0.13	36.91 -0.56 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.22 -0.75 0.00	28.51 -0.85 0.00	23.86 -0.07 0.00	36.32 -1.24 0.00	45.26 -1.71 0.00	50.24 -1.77 0.00	61.73 -2.41 -0.73	51.72 -1.77 0.00	45.50 -1.94 -1.14	38.35 -1.56 0.00	34.27 -1.21 0.00
ROCKVIEW_13_KV_LD 356306	43.25 2.22 0.00	40.92 1.95 0.00	39.40 1.80 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.22 2.19 0.00	63.94 3.73 0.00	79.68 4.51 0.00	69.96 3.62 -3.91	50.20 2.93 -2.27	42.15 2.51 -2.17	37.03 2.29 0.00	36.09 2.17 -0.62	35.25 1.92 -3.36	34.10 1.91 -2.83	44.29 1.22 -19.14	40.18 2.63 0.00	49.51 3.37 0.00	55.23 3.22 0.00	67.78 4.38 0.00	57.02 3.53 0.00	49.31 3.01 0.00	42.50 2.59 0.00	37.50 2.02 0.00
ROME____115KV_TB2 80656	41.98 0.94 0.00	39.95 0.97 0.00	38.53 0.94 0.00	38.30 0.97 0.00	40.92 1.19 0.00	44.36 1.33 0.00	62.49 2.29 0.00	78.41 3.23 0.00	65.13 2.37 -0.33	46.22 1.22 0.00	38.33 0.86 0.00	35.46 0.73 0.00	33.91 0.60 0.00	30.48 0.51 0.00	29.86 0.50 0.00	24.48 0.55 0.00	38.49 0.94 0.00	47.47 1.34 0.00	53.77 1.77 0.00	65.69 2.28 0.00	55.25 1.77 0.00	47.74 1.44 0.00	40.87 0.96 0.00	36.19 0.71 0.00
ROSETON___1 23587	42.68 1.64 0.00	40.42 1.44 0.00	38.83 1.24 0.00	38.56 1.23 0.00	40.89 1.15 0.00	44.53 1.51 0.00	62.92 2.71 0.00	78.18 3.01 0.00	67.27 2.37 -2.47	48.38 1.93 -1.44	40.47 1.61 -1.38	36.30 1.56 0.00	35.20 1.50 -0.39	33.43 1.32 -2.15	32.49 1.32 -1.81	36.88 0.77 -12.18	39.36 1.80 0.00	48.40 2.26 0.00	54.09 2.08 0.00	66.33 2.92 0.00	55.95 2.46 0.00	48.29 1.99 0.00	41.71 1.80 0.00	36.93 1.46 0.00
ROSETON___2 23588	42.68 1.64 0.00	40.42 1.44 0.00	38.83 1.24 0.00	38.56 1.23 0.00	40.89 1.15 0.00	44.53 1.51 0.00	62.92 2.71 0.00	78.18 3.01 0.00	67.27 2.37 -2.47	48.38 1.93 -1.44	40.47 1.61 -1.38	36.30 1.56 0.00	35.20 1.50 -0.39	33.43 1.32 -2.15	32.49 1.32 -1.81	36.88 0.77 -12.18	39.36 1.80 0.00	48.40 2.26 0.00	54.09 2.08 0.00	66.33 2.92 0.00	55.95 2.46 0.00	48.29 1.99 0.00	41.71 1.80 0.00	36.93 1.46 0.00
ROTTRDAM_115KV_TB3 80664	41.82 0.78 0.00	39.72 0.74 0.00	38.31 0.71 0.00	38.00 0.67 0.00	40.37 0.64 0.00	43.84 0.82 0.00	61.59 1.38 0.00	76.75 1.58 0.00	64.40 1.12 -0.85	46.13 0.63 -0.50	38.36 0.41 -0.48	35.15 0.42 0.00	33.91 0.47 -0.14	31.10 0.39 -0.74	30.36 0.38 -0.62	28.34 0.22 -4.19	38.19 0.64 0.00	46.97 0.83 0.00	52.89 0.88 0.00	64.80 1.40 0.00	54.45 0.96 0.00	47.18 0.88 0.00	40.71 0.80 0.00	36.19 0.71 0.00
RUSSELL___1 23602	40.63 -0.41 0.00	38.62 -0.35 0.00	37.29 -0.30 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	42.03 -0.99 0.00	58.40 -1.81 0.00	73.52 -1.65 0.00	61.18 -0.87 0.37	44.29 -0.59 0.13	37.14 -0.34 0.00	34.14 -0.59 0.00	32.64 -0.67 0.00	29.37 -0.60 0.00	28.66 -0.70 0.00	23.98 0.05 0.00	36.50 -1.05 0.00	45.49 -1.48 -0.83	50.50 -1.51 0.00	62.04 -2.09 -0.73	52.04 -1.44 0.00	45.72 -1.71 -1.13	38.55 -1.36 0.00	34.41 -1.06 0.00
RUSSELL___2 23532	40.63 -0.41 0.00	38.62 -0.35 0.00	37.29 -0.30 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	42.03 -0.99 0.00	58.40 -1.81 0.00	73.52 -1.65 0.00	61.18 -0.87 0.37	44.29 -0.59 0.13	37.14 -0.34 0.00	34.14 -0.59 0.00	32.64 -0.67 0.00	29.37 -0.60 0.00	28.66 -0.70 0.00	23.98 0.05 0.00	36.50 -1.05 0.00	45.49 -1.48 -0.83	50.50 -1.51 0.00	62.04 -2.09 -0.73	52.04 -1.44 0.00	45.72 -1.71 -1.13	38.55 -1.36 0.00	34.41 -1.06 0.00
RUSSELL___3 23549	40.63 -0.41 0.00	38.62 -0.35 0.00	37.29 -0.30 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	42.03 -0.99 0.00	58.40 -1.81 0.00	73.52 -1.65 0.00	61.18 -0.87 0.37	44.29 -0.59 0.13	37.14 -0.34 0.00	34.14 -0.59 0.00	32.64 -0.67 0.00	29.37 -0.60 0.00	28.66 -0.70 0.00	23.98 0.05 0.00	36.50 -1.05 0.00	45.49 -1.48 -0.83	50.50 -1.51 0.00	62.04 -2.09 -0.73	52.04 -1.44 0.00	45.72 -1.71 -1.13	38.55 -1.36 0.00	34.41 -1.06 0.00
RUSSELL___4 23556	40.63 -0.41 0.00	38.62 -0.35 0.00	37.29 -0.30 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	42.03 -0.99 0.00	58.40 -1.81 0.00	73.52 -1.65 0.00	61.18 -0.87 0.37	44.29 -0.59 0.13	37.14 -0.34 0.00	34.14 -0.59 0.00	32.64 -0.67 0.00	29.37 -0.60 0.00	28.66 -0.70 0.00	23.98 0.05 0.00	36.50 -1.05 0.00	45.49 -1.48 -0.83	50.50 -1.51 0.00	62.04 -2.09 -0.73	52.04 -1.44 0.00	45.72 -1.71 -1.13	38.55 -1.36 0.00	34.41 -1.06 0.00
RUSSELL___STATION 23914	40.63 -0.41 0.00	38.62 -0.35 0.00	37.29 -0.30 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	42.03 -0.99 0.00	58.40 -1.81 0.00	73.52 -1.65 0.00	61.18 -0.87 0.37	44.29 -0.59 0.13	37.14 -0.34 0.00	34.14 -0.59 0.00	32.64 -0.67 0.00	29.37 -0.60 0.00	28.66 -0.70 0.00	23.98 0.05 0.00	36.50 -1.05 0.00	45.49 -1.48 -0.83	50.50 -1.51 0.00	62.04 -2.09 -0.73	52.04 -1.44 0.00	45.72 -1.71 -1.13	38.55 -1.36 0.00	34.41 -1.06 0.00
S SALMON___HYD 24043	40.38 -0.66 0.00	38.43 -0.55 0.00	37.10 -0.49 0.00	36.88 -0.45 0.00	39.46 -0.28 0.00	42.81 -0.21 0.00	60.33 0.12 0.00	75.77 0.60 0.00	63.12 0.19 -0.50	44.47 -0.54 0.00	36.80 -0.67 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.55 -0.38 0.00	36.99 -0.56 0.00	45.72 -0.42 0.00	51.90 -0.10 0.00	63.54 0.13 0.00	53.49 0.00 0.00	46.21 -0.09 0.00	39.43 -0.48 0.00	34.87 -0.60 0.00
S.PERRY__115KV_TB1 80734	41.61 0.57 0.00	39.56 0.58 0.00	38.20 0.60 0.00	38.00 0.67 0.00	40.65 0.91 0.00	43.07 0.04 0.00	59.96 -0.24 0.00	75.47 0.30 0.00	61.95 0.06 0.53	44.73 -0.09 0.19	37.32 -0.15 0.00	34.21 -0.52 0.00	32.58 -0.73 0.00	29.28 -0.69 0.00	28.57 -0.79 0.00	21.27 0.10 2.75	36.47 -1.09 0.00	60.62 -1.34 -15.82	51.01 -0.99 0.00	70.80 -1.20 -8.60	52.95 -0.64 -0.11	58.81 -1.02 -13.52	38.91 -1.00 0.00	34.70 -0.78 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.57 -2.46 0.00	36.75 -2.22 0.00	35.41 -2.18 0.00	35.20 -2.13 0.00	37.51 -2.23 0.00	38.76 -4.26 0.00	52.80 -7.41 0.00	66.75 -8.42 0.00	55.43 -6.49 0.50	40.78 -4.05 0.18	34.36 -3.11 0.00	31.50 -3.23 0.00	30.15 -3.16 0.00	27.18 -2.79 0.00	26.42 -2.94 0.00	20.04 -1.29 2.60	33.20 -4.36 0.00	36.46 -5.72 3.96	45.70 -6.29 0.01	52.42 -7.93 3.06	47.19 -6.26 0.04	35.75 -5.79 4.77	35.12 -4.79 0.00	31.68 -3.80 0.00
SAWYER__23_KV_LOAD 55526	38.57 -2.46 0.00	36.75 -2.22 0.00	35.41 -2.18 0.00	35.20 -2.13 0.00	37.51 -2.23 0.00	38.76 -4.26 0.00	52.80 -7.41 0.00	66.75 -8.42 0.00	55.43 -6.49 0.50	40.78 -4.05 0.18	34.36 -3.11 0.00	31.50 -3.23 0.00	30.15 -3.16 0.00	27.18 -2.79 0.00	26.42 -2.94 0.00	20.04 -1.29 2.60	33.20 -4.36 0.00	36.46 -5.72 3.96	45.70 -6.29 0.01	52.42 -7.93 3.06	47.19 -6.26 0.04	35.75 -5.79 4.77	35.12 -4.79 0.00	31.68 -3.80 0.00
SELKIRK__I 23801	42.35 1.31 0.00	40.22 1.25 0.00	38.76 1.17 0.00	38.52 1.19 0.00	40.89 1.15 0.00	44.31 1.29 0.00	62.25 2.05 0.00	77.43 2.25 0.00	64.99 1.56 -1.01	46.44 0.85 -0.59	38.49 0.45 -0.56	35.22 0.49 0.00	34.04 0.57 -0.16	31.32 0.48 -0.88	30.57 0.47 -0.74	29.17 0.31 -4.93	38.35 0.79 0.00	47.24 1.11 0.00	53.30 1.30 0.00	65.31 1.90 0.00	54.93 1.44 0.00	47.50 1.20 0.00	41.11 1.20 0.00	36.58 1.10 0.00
SELKIRK__II 23799	41.65 0.62 0.00	39.60 0.62 0.00	38.08 0.49 0.00	37.85 0.52 0.00	40.13 0.40 0.00	43.50 0.47 0.00	61.17 0.96 0.00	76.15 0.97 0.00	64.19 0.75 -1.01	46.14 0.54 -0.59	38.34 0.30 -0.57	35.11 0.38 0.00	33.94 0.47 -0.16	31.24 0.39 -0.88	30.48 0.38 -0.74	29.09 0.17 -4.99	38.15 0.60 0.00	46.83 0.69 0.00	52.58 0.57 0.00	64.42 1.01 0.00	54.18 0.69 0.00	46.90 0.60 0.00	40.59 0.68 0.00	36.12 0.64 0.00
SENECA OSWGO__HYD 24041	40.50 -0.53 0.00	38.47 -0.51 0.00	37.14 -0.45 0.00	36.84 -0.49 0.00	39.30 -0.44 0.00	42.42 -0.60 0.00	59.49 -0.72 0.00	74.50 -0.68 0.00	61.92 -0.62 -0.12	44.42 -0.59 0.00	37.02 -0.45 0.00	34.24 -0.49 0.00	32.81 -0.50 0.00	29.55 -0.42 0.00	28.92 -0.44 0.00	23.72 -0.22 0.00	36.95 -0.60 0.00	45.40 -0.74 0.00	51.23 -0.78 0.00	62.46 -0.95 0.00	52.74 -0.75 0.00	45.52 -0.79 0.00	39.19 -0.72 0.00	34.84 -0.64 0.00
SENECA__115KV_TB3 355854	38.90 -2.14 0.00	37.07 -1.91 0.00	36.35 -1.24 0.00	35.58 -1.75 0.00	37.87 -1.87 0.00	39.67 -3.36 0.00	54.31 -5.90 0.00	68.78 -6.39 0.00	56.42 -5.49 0.52	41.18 -3.64 0.18	34.66 -2.81 0.00	31.81 -2.92 0.00	30.44 -2.86 0.00	27.45 -2.52 0.00	26.75 -2.61 0.00	20.08 -1.15 2.70	33.42 -4.13 0.00	36.72 -5.44 3.97	46.12 -5.88 0.01	52.96 -7.35 3.10	47.41 -6.04 0.04	35.97 -5.51 4.82	35.24 -4.67 0.00	31.82 -3.65 0.00
SENECA__ENERGY 23797	40.95 -0.08 0.00	38.94 -0.04 0.00	37.67 0.08 0.00	37.29 -0.04 0.00	39.81 0.08 0.00	42.89 -0.13 0.00	59.85 -0.36 0.00	75.10 -0.08 0.00	61.84 -0.19 0.40	44.77 -0.09 0.14	37.44 -0.04 0.00	34.52 -0.21 0.00	33.01 -0.30 0.00	29.70 -0.27 0.00	29.04 -0.32 0.00	23.96 0.02 0.00	37.07 -0.49 0.00	46.77 -0.74 -1.38	51.38 -0.62 0.00	63.22 -0.95 -0.76	52.86 -0.64 -0.01	46.75 -0.74 -1.19	39.27 -0.64 0.00	34.95 -0.53 0.00
SHOEMAKER__GT 23640	42.43 1.40 0.00	40.26 1.28 0.00	38.68 1.09 0.00	38.41 1.08 0.00	40.73 0.99 0.00	44.31 1.29 0.00	62.67 2.47 0.00	77.65 2.48 0.00	55.38 1.81 8.86	39.37 1.53 7.16	29.01 1.31 9.78	35.94 1.21 0.00	31.69 1.17 2.79	15.79 1.02 15.20	17.60 1.03 12.79	-38.91 0.65 63.49	39.10 1.54 0.00	48.12 1.98 0.00	53.82 1.82 0.00	66.01 2.60 0.00	55.68 2.19 0.00	48.06 1.76 0.00	41.51 1.60 0.00	36.79 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	42.43 1.40 0.00	40.22 1.25 0.00	38.72 1.13 0.00	38.38 1.05 0.00	40.73 0.99 0.00	44.36 1.33 0.00	62.61 2.41 0.00	77.81 2.63 0.00	55.61 1.94 8.75	37.67 1.58 8.90	24.76 1.35 14.06	35.98 1.25 0.00	30.50 1.20 4.01	9.15 1.05 21.87	12.02 1.06 18.40	-64.70 0.65 89.28	39.13 1.58 0.00	48.12 1.98 0.00	53.88 1.87 0.00	66.01 2.60 0.00	55.52 2.03 0.00	48.06 1.76 0.00	41.51 1.60 0.00	36.76 1.28 0.00
SHOREHAM_IC_1 23715	44.90 3.86 -0.01	42.56 3.58 0.00	40.91 3.31 -0.01	40.62 3.29 0.00	43.15 3.42 0.00	47.20 4.17 -0.01	67.55 5.90 -1.44	83.04 4.13 -3.73	71.73 3.31 -6.00	51.64 4.36 -2.27	43.42 3.78 -2.17	38.46 3.72 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.30 3.11 -2.83	44.68 3.11 -19.10	41.57 3.94 -0.07	50.91 4.34 -0.44	57.58 4.06 -1.51	72.50 5.39 -3.70	60.04 4.60 -1.95	50.85 4.08 -0.47	43.69 3.71 -0.07	38.47 2.98 -0.01
SHOREHAM_IC_2 23716	44.90 3.86 -0.01	42.56 3.58 0.00	40.91 3.31 -0.01	40.62 3.29 0.00	43.15 3.42 0.00	47.20 4.17 -0.01	67.55 5.90 -1.44	83.04 4.13 -3.73	71.73 3.31 -6.00	51.64 4.36 -2.27	43.42 3.78 -2.17	38.46 3.72 -0.01	37.23 3.30 -0.62	36.27 2.94 -3.37	35.30 3.11 -2.83	44.68 3.11 -19.10	41.57 3.94 -0.07	50.91 4.34 -0.44	57.58 4.06 -1.51	72.50 5.39 -3.70	60.04 4.60 -1.95	50.85 4.08 -0.47	43.69 3.71 -0.07	38.47 2.98 -0.01
SISSONVILLE__ 23735	39.68 -1.35 0.00	37.65 -1.33 0.00	36.43 -1.17 0.00	36.29 -1.05 0.00	38.90 -0.83 0.00	42.33 -0.69 0.00	59.00 -1.20 0.00	73.75 -1.43 0.00	64.87 -1.12 -3.56	44.19 -0.81 0.00	36.72 -0.75 0.00	33.97 -0.76 0.00	32.51 -0.80 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.33 -0.60 0.00	36.92 -0.64 0.00	45.49 -0.65 0.00	51.33 -0.68 0.00	61.89 -1.52 0.00	52.63 -0.86 0.00	46.07 -0.23 0.00	39.51 -0.40 0.00	34.88 -0.60 0.00
SITHE_IND_GS1 24169	40.09 -0.94 0.00	38.12 -0.86 0.00	36.80 -0.79 0.00	36.51 -0.82 0.00	38.86 -0.87 0.00	41.99 -1.03 0.00	58.76 -1.45 0.00	73.52 -1.65 0.00	61.05 -1.37 0.00	43.97 -1.03 0.00	36.65 -0.82 0.00	33.93 -0.80 0.00	32.51 -0.80 0.00	29.31 -0.66 0.00	28.71 -0.65 0.00	23.53 -0.41 0.00	36.62 -0.94 0.00	44.94 -1.20 0.00	50.65 -1.35 0.00	61.70 -1.71 0.00	52.10 -1.39 0.00	45.05 -1.25 0.00	38.83 -1.08 0.00	34.52 -0.96 0.00
SITHE_IND_GS2 24170	40.09 -0.94 0.00	38.12 -0.86 0.00	36.80 -0.79 0.00	36.51 -0.82 0.00	38.86 -0.87 0.00	41.99 -1.03 0.00	58.76 -1.45 0.00	73.52 -1.65 0.00	61.05 -1.37 0.00	43.97 -1.03 0.00	36.65 -0.82 0.00	33.93 -0.80 0.00	32.51 -0.80 0.00	29.31 -0.66 0.00	28.71 -0.65 0.00	23.53 -0.41 0.00	36.62 -0.94 0.00	44.94 -1.20 0.00	50.65 -1.35 0.00	61.70 -1.71 0.00	52.10 -1.39 0.00	45.05 -1.25 0.00	38.83 -1.08 0.00	34.52 -0.96 0.00
SITHE_IND_GS3 24171	40.09 -0.94 0.00	38.12 -0.86 0.00	36.80 -0.79 0.00	36.51 -0.82 0.00	38.86 -0.87 0.00	41.99 -1.03 0.00	58.76 -1.45 0.00	73.52 -1.65 0.00	61.05 -1.37 0.00	43.97 -1.03 0.00	36.65 -0.82 0.00	33.93 -0.80 0.00	32.51 -0.80 0.00	29.31 -0.66 0.00	28.71 -0.65 0.00	23.53 -0.41 0.00	36.62 -0.94 0.00	44.94 -1.20 0.00	50.65 -1.35 0.00	61.70 -1.71 0.00	52.10 -1.39 0.00	45.05 -1.25 0.00	38.83 -1.08 0.00	34.52 -0.96 0.00

SITHE_IND_GS4 24172	40.09 -0.94 0.00	38.12 -0.86 0.00	36.80 -0.79 0.00	36.51 -0.82 0.00	38.86 -0.87 0.00	41.99 -1.03 0.00	58.76 -1.45 0.00	73.52 -1.65 0.00	61.05 -1.37 0.00	43.97 -1.03 0.00	36.65 -0.82 0.00	33.93 -0.80 0.00	32.51 -0.80 0.00	29.31 -0.66 0.00	28.71 -0.65 0.00	23.53 -0.41 0.00	36.62 -0.94 0.00	44.94 -1.20 0.00	50.65 -1.35 0.00	61.70 -1.71 0.00	52.10 -1.39 0.00	45.05 -1.25 0.00	38.83 -1.08 0.00	34.52 -0.96 0.00
SITHE__BATAVIA 24024	39.68 -1.35 0.00	37.77 -1.21 0.00	37.03 -0.56 0.00	36.29 -1.05 0.00	38.70 -1.03 0.00	41.00 -2.02 0.00	56.35 -3.85 0.00	71.26 -3.91 0.00	58.80 -3.18 0.44	42.46 -2.39 0.15	35.71 -1.76 0.00	32.72 -2.02 0.00	31.28 -2.03 0.00	28.14 -1.83 0.00	27.42 -1.94 0.00	21.06 -0.60 2.28	34.66 -2.89 0.00	40.68 -3.83 1.63	48.09 -3.90 0.01	56.62 -5.01 1.78	49.57 -3.90 0.02	39.89 -3.66 2.76	36.72 -3.19 0.00	33.03 -2.45 0.00
SITHE__INDEPEND 23800	40.09 -0.94 0.00	38.12 -0.86 0.00	36.73 -0.86 0.00	36.51 -0.82 0.00	38.86 -0.87 0.00	41.95 -1.08 0.00	58.70 -1.51 0.00	73.44 -1.73 0.00	60.99 -1.44 0.00	43.97 -1.04 0.00	36.65 -0.82 0.00	33.93 -0.80 0.00	32.51 -0.80 0.00	29.31 -0.66 0.00	28.69 -0.68 0.00	23.53 -0.41 0.00	36.62 -0.94 0.00	44.94 -1.20 0.00	50.65 -1.35 0.00	61.76 -1.65 0.00	52.10 -1.39 0.00	45.05 -1.25 0.00	38.83 -1.08 0.00	34.52 -0.96 0.00
SITHE__MASSENA 23902	40.87 -0.16 0.00	38.74 -0.23 0.00	37.44 -0.15 0.00	37.29 -0.04 0.00	39.93 0.20 0.00	43.33 0.30 0.00	60.08 -0.12 0.00	75.02 -0.15 0.00	67.86 0.25 -5.19	45.36 0.36 0.00	37.77 0.30 0.00	34.94 0.21 0.00	33.44 0.13 0.00	30.06 0.09 0.00	29.51 0.15 0.00	24.03 0.10 0.00	37.85 0.30 0.00	46.55 0.41 0.00	52.16 0.16 0.00	63.22 -0.19 0.00	53.38 -0.11 0.00	47.09 0.79 0.00	40.47 0.56 0.00	35.83 0.35 0.00
SITHE__OGDNSBRG 24021	40.91 -0.12 0.00	38.82 -0.16 0.00	37.56 -0.04 0.00	37.37 0.04 0.00	40.09 0.36 0.00	43.58 0.56 0.00	60.69 0.48 0.00	75.70 0.53 0.00	66.93 0.31 -4.20	45.14 0.14 0.00	37.47 0.00 0.00	34.66 -0.07 0.00	33.14 -0.17 0.00	29.76 -0.21 0.00	29.24 -0.12 0.00	23.84 -0.10 0.00	37.74 0.19 0.00	46.60 0.46 0.00	52.68 0.68 0.00	63.54 0.13 0.00	54.13 0.64 0.00	47.41 1.11 0.00	40.63 0.72 0.00	35.90 0.43 0.00
SITHE__STERLING 23777	41.86 0.82 0.00	39.79 0.82 0.00	38.42 0.83 0.00	38.12 0.79 0.00	40.68 0.95 0.00	44.10 1.08 0.00	62.01 1.80 0.00	77.80 2.63 0.00	64.45 1.81 -0.22	45.95 0.95 0.00	38.18 0.71 0.00	35.29 0.55 0.00	33.78 0.47 0.00	30.39 0.42 0.00	29.77 0.41 0.00	24.39 0.45 0.00	38.23 0.68 0.00	47.15 1.01 0.00	53.30 1.30 0.00	65.12 1.71 0.00	54.88 1.39 0.00	47.37 1.07 0.00	40.63 0.72 0.00	36.04 0.57 0.00
SLEIGHT__34_KV_TB1 80719	40.71 -0.33 0.00	38.70 -0.27 0.00	37.33 -0.26 0.00	37.07 -0.26 0.00	39.61 -0.12 0.00	42.38 -0.65 0.00	59.12 -1.08 0.00	74.42 -0.75 0.00	61.68 -0.37 0.37	44.56 -0.32 0.13	37.29 -0.19 0.00	34.35 -0.38 0.00	32.84 -0.47 0.00	29.55 -0.42 0.00	28.86 -0.50 0.00	23.96 0.02 0.00	36.84 -0.71 0.00	45.93 -0.97 0.00	51.02 -0.99 0.00	62.58 -1.40 -0.56	52.52 -0.96 0.00	46.02 -1.16 -0.88	38.95 -0.96 0.00	34.70 -0.78 0.00
SMITHTWN_69_KV_BK 1 55830	44.78 3.73 -0.01	42.37 3.39 0.00	40.87 3.27 -0.01	40.43 3.10 0.00	42.95 3.22 0.00	46.95 3.92 -0.01	66.37 5.48 -0.68	81.45 4.51 -1.77	70.50 3.18 -4.90	51.55 4.28 -2.27	43.35 3.71 -2.17	38.28 3.54 -0.01	37.10 3.16 -0.62	36.18 2.85 -3.37	35.10 2.91 -2.83	44.90 1.87 -19.10	41.53 3.91 -0.07	50.59 4.24 -0.21	57.25 4.52 -0.72	70.87 5.71 -1.76	59.28 4.87 -0.93	50.75 4.21 -0.23	43.85 3.87 -0.07	38.50 3.02 -0.01
SOUTH CAIRO__GT 23612	42.92 1.89 0.00	40.73 1.75 0.00	39.29 1.69 0.00	39.01 1.68 0.00	41.40 1.67 0.00	45.09 2.07 0.00	63.70 3.49 0.00	78.71 3.53 0.00	66.28 2.75 -1.11	46.96 1.31 -0.65	38.47 0.37 -0.62	35.01 0.28 0.00	33.92 0.43 -0.18	31.29 0.36 -0.97	30.56 0.38 -0.81	29.73 0.43 -5.37	38.42 0.86 0.00	47.75 1.61 0.00	53.82 1.82 0.00	66.20 2.79 0.00	55.52 2.03 0.00	48.06 1.76 0.00	41.51 1.60 0.00	36.93 1.45 0.00
SOUTH HAMPTN__IC 23720	45.07 4.02 -0.01	42.72 3.74 0.00	41.10 3.50 -0.01	40.84 3.51 0.00	43.47 3.73 0.00	47.68 4.65 -0.01	68.65 6.92 -1.52	84.68 5.56 -3.94	73.09 4.55 -6.11	52.36 5.08 -2.27	44.06 4.42 -2.17	38.87 4.13 -0.01	37.53 3.60 -0.62	36.51 3.18 -3.37	35.48 3.29 -2.83	44.90 1.87 -19.10	41.83 4.21 -0.07	51.17 4.57 -0.46	58.23 4.63 -1.60	73.35 6.03 -3.91	60.73 5.19 -2.06	51.25 4.45 -0.50	43.97 3.99 -0.07	38.68 3.19 -0.01
SOUTH DOW__115KV_TB1 355954	39.31 -1.72 0.00	37.45 -1.52 0.00	36.13 -1.47 0.00	35.87 -1.46 0.00	38.22 -1.51 0.00	39.75 -3.27 0.00	55.33 -4.88 0.00	69.69 -5.49 0.00	56.98 -4.87 0.57	41.88 -2.93 0.20	35.19 -2.29 0.00	32.27 -2.47 0.00	30.88 -2.43 0.00	27.87 -2.10 0.00	27.04 -2.32 0.00	20.37 -0.69 2.87	34.21 -3.34 0.00	38.06 -4.38 3.69	47.21 -4.78 0.01	54.72 -5.83 2.86	48.53 -4.92 0.03	37.36 -4.49 4.45	35.84 -4.07 0.00	32.25 -3.23 0.00
SOUTH HOLD_69_KV_BK 2 55809	45.03 3.98 -0.01	42.68 3.70 0.00	41.25 3.65 -0.01	40.91 3.58 0.00	43.67 3.93 0.00	47.94 4.90 -0.01	69.13 7.41 -1.52	85.65 6.54 -3.94	73.28 4.74 -6.11	52.67 5.40 -2.27	44.32 4.68 -2.17	39.08 4.34 -0.01	37.63 3.70 -0.62	36.60 3.27 -3.37	35.51 3.32 -2.83	44.95 1.91 -19.10	41.87 4.24 -0.07	51.21 4.61 -0.46	58.28 4.68 -1.60	73.53 6.21 -3.91	60.68 5.13 -2.06	51.29 4.49 -0.50	43.93 3.95 -0.07	38.43 2.94 -0.01
SOUTH HOLD__IC 23719	45.02 3.98 -0.01	42.68 3.70 0.00	41.10 3.50 -0.01	40.88 3.55 0.00	43.59 3.85 0.00	47.89 4.86 -0.01	69.19 7.46 -1.52	85.43 6.32 -3.94	73.66 5.12 -6.11	52.72 5.44 -2.27	44.36 4.72 -2.17	39.08 4.34 -0.01	37.66 3.73 -0.62	36.60 3.27 -3.37	35.51 3.32 -2.83	44.95 1.92 -19.10	41.87 4.24 -0.07	51.17 4.57 -0.46	58.33 4.73 -1.60	73.53 6.22 -3.91	60.84 5.30 -2.06	51.29 4.49 -0.50	43.97 3.99 -0.07	38.64 3.16 -0.01
SOUTH_FORK_WT_PWR 323839	44.66 3.61 -0.01	42.36 3.39 0.00	40.84 3.23 -0.01	40.65 3.32 0.00	43.39 3.65 0.00	47.76 4.73 -0.01	69.13 7.40 -1.52	85.43 6.32 -3.94	73.72 5.18 -6.11	52.76 5.49 -2.27	44.36 4.72 -2.17	39.08 4.34 -0.01	37.60 3.66 -0.62	36.48 3.15 -3.37	35.37 3.17 -2.83	44.80 1.77 -19.10	41.60 3.98 -0.07	50.80 4.20 -0.46	57.87 4.27 -1.60	72.96 5.64 -3.91	60.36 4.82 -2.06	50.88 4.08 -0.50	43.61 3.63 -0.07	38.33 2.84 -0.01
SPIERFLS_115KV_TB 1 80737	41.41 0.37 0.00	39.33 0.35 0.00	37.97 0.38 0.00	37.67 0.34 0.00	40.01 0.28 0.00	43.63 0.60 0.00	61.71 1.51 0.00	77.20 2.03 0.00	64.49 1.12 -0.94	45.77 0.23 -0.55	37.92 -0.07 -0.52	34.66 -0.07 0.00	33.49 0.03 -0.15	30.75 -0.03 -0.82	30.02 -0.03 -0.69	28.43 -0.12 -4.62	37.82 0.26 0.00	46.64 0.51 0.00	52.84 0.83 0.00	64.93 1.52 0.00	54.29 0.80 0.00	46.95 0.65 0.00	40.55 0.64 0.00	36.01 0.53 0.00

ST LAWRENCE____ 23600	40.38 -0.66 0.00	38.31 -0.66 0.00	37.03 -0.56 0.00	36.88 -0.45 0.00	39.41 -0.32 0.00	42.81 -0.21 0.00	59.42 -0.78 0.00	74.28 -0.90 0.00	61.42 -0.43 0.57	44.87 -0.13 0.00	37.40 -0.07 0.00	34.63 -0.10 0.00	33.18 -0.13 0.00	29.85 -0.12 0.00	29.24 -0.12 0.00	23.81 -0.12 0.00	37.48 -0.07 0.00	46.04 -0.09 0.00	51.69 -0.31 0.00	62.71 -0.70 0.00	52.90 -0.59 0.00	46.44 0.14 0.00	39.99 0.08 0.00	35.48 0.00 0.00
STATE_CA_115KV_115_LB 55624	41.82 0.78 0.00	39.72 0.74 0.00	38.31 0.71 0.00	37.97 0.63 0.00	40.25 0.52 0.00	43.75 0.73 0.00	61.59 1.38 0.00	76.83 1.65 0.00	64.74 1.31 -1.00	46.35 0.77 -0.58	38.52 0.49 -0.56	35.29 0.56 0.00	34.14 0.67 -0.16	31.41 0.57 -0.87	30.62 0.53 -0.73	29.14 0.29 -4.92	38.38 0.83 0.00	47.10 0.97 0.00	52.89 0.88 0.00	64.87 1.46 0.00	54.40 0.91 0.00	47.14 0.83 0.00	40.83 0.92 0.00	36.37 0.89 0.00
STATE_ST_34_KV_LOAD 55959	41.28 0.25 0.00	39.21 0.23 0.00	37.78 0.19 0.00	37.55 0.22 0.00	40.05 0.32 0.00	43.15 0.13 0.00	60.51 0.30 0.00	75.85 0.68 0.00	62.52 0.50 0.40	45.18 0.32 0.14	37.73 0.26 0.00	34.84 0.10 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.36 0.00 0.00	24.12 0.19 0.00	37.56 0.00 0.00	46.88 0.00 -0.75	52.11 0.10 0.00	63.95 0.13 -0.41	53.71 0.21 0.00	46.95 0.00 -0.65	39.83 -0.08 0.00	35.41 -0.07 0.00
STATION_5_MISC_HYD 23604	40.46 -0.57 0.00	38.47 -0.51 0.00	37.44 -0.15 0.00	36.92 -0.41 0.00	39.34 -0.40 0.00	42.16 -0.86 0.00	58.52 -1.69 0.00	73.74 -1.43 0.00	61.05 -1.00 0.37	44.02 -0.86 0.13	36.91 -0.56 0.00	33.97 -0.76 0.00	32.48 -0.83 0.00	29.22 -0.75 0.00	28.54 -0.82 0.00	23.86 -0.07 0.00	36.32 -1.24 0.00	45.27 -1.71 0.00	50.29 -1.71 0.00	61.60 -2.54 -0.73	51.67 -1.82 0.00	45.59 -1.85 -1.14	38.31 -1.60 0.00	34.24 -1.24 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.83 -0.21 0.00	38.78 -0.19 0.00	37.44 -0.15 0.00	37.22 -0.11 0.00	39.69 -0.04 0.00	42.46 -0.56 0.00	59.12 -1.08 0.00	74.35 -0.83 0.00	61.62 -0.44 0.37	44.60 -0.27 0.13	37.32 -0.15 0.00	34.35 -0.38 0.00	32.84 -0.47 0.00	29.55 -0.42 0.00	28.86 -0.50 0.00	24.00 0.07 0.00	36.84 -0.71 0.00	46.20 -1.06 -1.13	51.02 -0.99 0.00	62.73 -1.46 -0.77	52.52 -0.96 0.00	46.31 -1.20 -1.21	38.95 -0.96 0.00	34.70 -0.78 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.30 -0.74 0.00	38.27 -0.70 0.00	36.95 -0.64 0.00	36.70 -0.63 0.00	39.18 -0.56 0.00	41.69 -1.33 0.00	57.92 -2.29 0.00	72.92 -2.26 0.00	60.62 -1.44 0.37	43.88 -0.99 0.13	36.80 -0.67 0.00	33.86 -0.87 0.00	32.38 -0.93 0.00	29.13 -0.84 0.00	28.45 -0.91 0.00	23.76 -0.17 0.00	36.24 -1.31 -0.84	45.18 -1.80 0.00	50.08 -1.92 0.00	61.52 -2.60 -0.71	51.62 -1.87 0.00	45.37 -2.04 -1.10	38.27 -1.64 0.00	34.17 -1.31 0.00
STA_56____34_KV_BUS2 355983	40.30 -0.74 0.00	38.27 -0.70 0.00	36.95 -0.64 0.00	36.70 -0.63 0.00	39.18 -0.56 0.00	41.69 -1.33 0.00	57.92 -2.29 0.00	72.92 -2.26 0.00	60.62 -1.44 0.37	43.88 -0.99 0.13	36.80 -0.67 0.00	33.86 -0.87 0.00	32.38 -0.93 0.00	29.13 -0.84 0.00	28.45 -0.91 0.00	23.76 -0.17 0.00	36.24 -1.31 -0.84	45.18 -1.80 0.00	50.08 -1.92 0.00	61.52 -2.60 -0.71	51.62 -1.87 0.00	45.37 -2.04 -1.10	38.27 -1.64 0.00	34.17 -1.31 0.00
STA_67____115KV_BK2 355882	40.38 -0.66 0.00	38.39 -0.58 0.00	37.07 -0.53 0.00	36.81 -0.52 0.00	39.26 -0.48 0.00	41.78 -1.25 0.00	57.92 -2.29 0.00	72.92 -2.26 0.00	60.68 -1.37 0.37	43.93 -0.95 0.13	36.84 -0.64 0.00	33.86 -0.87 0.00	32.41 -0.90 0.00	29.16 -0.81 0.00	28.45 -0.91 0.00	23.81 -0.12 0.00	36.24 -1.31 -0.83	45.17 -1.80 0.00	50.08 -1.92 0.00	61.54 -2.60 -0.73	51.62 -1.87 0.00	45.40 -2.04 -1.14	38.31 -1.60 0.00	34.20 -1.28 0.00
STA_7____115KV_9TRANS 80674	40.63 -0.41 0.00	38.62 -0.35 0.00	37.29 -0.30 0.00	37.03 -0.30 0.00	39.53 -0.20 0.00	42.03 -0.99 0.00	58.40 -1.81 0.00	73.52 -1.65 0.00	61.18 -0.87 0.37	44.29 -0.59 0.13	37.14 -0.34 0.00	34.14 -0.59 0.00	32.64 -0.67 0.00	29.37 -0.60 0.00	28.66 -0.70 0.00	23.98 0.05 0.00	36.50 -1.05 -0.83	45.49 -1.48 0.00	50.50 -1.51 0.00	62.04 -2.09 -0.73	52.04 -1.44 0.00	45.72 -1.71 -1.13	38.55 -1.36 0.00	34.41 -1.06 0.00
STA_82____115KV_TB1 80780	40.38 -0.66 0.00	38.35 -0.62 0.00	37.03 -0.56 0.00	36.77 -0.56 0.00	39.26 -0.48 0.00	41.73 -1.29 0.00	57.86 -2.35 0.00	72.84 -2.33 0.00	60.55 -1.50 0.37	43.88 -0.99 0.13	36.80 -0.67 0.00	33.83 -0.90 0.00	32.38 -0.93 0.00	29.13 -0.84 0.00	28.42 -0.94 0.00	23.79 -0.14 0.00	36.20 -1.35 0.00	45.15 -1.85 -0.86	50.03 -1.98 0.00	61.50 -2.66 -0.75	51.56 -1.93 0.00	45.39 -2.08 -1.17	38.27 -1.64 0.00	34.17 -1.31 0.00
STEEL____WIND 323596	38.90 -2.14 0.00	37.07 -1.91 0.00	36.32 -1.28 0.00	35.54 -1.79 0.00	37.83 -1.91 0.00	39.67 -3.36 0.00	54.31 -5.90 0.00	68.71 -6.47 0.00	56.35 -5.56 0.52	41.18 -3.64 0.18	34.62 -2.85 0.00	31.78 -2.95 0.00	30.41 -2.90 0.00	27.45 -2.52 0.00	26.72 -2.64 0.00	20.06 -1.17 2.70	33.42 -4.13 0.00	36.72 -5.44 3.97	46.07 -5.93 0.01	52.96 -7.35 3.10	47.35 -6.10 0.04	35.97 -5.51 4.82	35.24 -4.67 0.00	31.79 -3.69 0.00
STEPHTWN_115KV_BK_2 55603	42.06 1.03 0.00	39.95 0.97 0.00	38.53 0.94 0.00	38.19 0.86 0.00	40.49 0.75 0.00	44.06 1.03 0.00	62.13 1.93 0.00	77.50 2.33 0.00	65.29 1.75 -1.11	46.69 1.04 -0.65	38.73 0.64 -0.62	35.39 0.66 0.00	34.29 0.80 -0.18	31.59 0.66 -0.97	30.82 0.65 -0.81	29.79 0.38 -5.47	38.61 1.05 0.00	47.38 1.25 0.00	53.30 1.30 0.00	65.38 1.97 0.00	54.77 1.28 0.00	47.51 1.20 0.00	41.11 1.20 0.00	36.61 1.14 0.00
STEBEN_REC_LFGE 323667	40.79 -0.25 0.00	38.86 -0.12 0.00	37.52 -0.08 0.00	37.41 0.07 0.00	40.05 0.32 0.00	42.21 -0.82 0.00	58.52 -1.69 0.00	73.90 -1.28 0.00	60.36 -1.37 0.69	43.83 -0.77 0.40	36.49 -0.60 0.39	33.86 -0.87 0.00	32.10 -1.10 0.11	28.29 -1.08 0.60	27.62 -1.23 0.51	19.98 -0.36 3.60	35.56 -1.99 0.00	53.98 -2.72 -10.56	49.19 -2.81 0.00	65.17 -3.80 -5.57	50.52 -3.05 -0.08	52.15 -2.92 -8.76	37.16 -2.75 0.00	33.28 -2.20 0.00
STILLWATER____SOLAR 323814	42.14 1.11 0.00	40.03 1.05 0.00	38.53 0.94 0.00	38.30 0.97 0.00	40.65 0.91 0.00	44.19 1.16 0.00	62.43 2.23 0.00	77.88 2.70 0.00	65.22 1.81 -0.98	46.52 0.95 -0.57	38.55 0.52 -0.55	35.22 0.49 0.00	34.07 0.60 -0.16	31.33 0.51 -0.85	30.55 0.47 -0.72	29.06 0.29 -4.84	38.46 0.90 0.00	47.38 1.25 0.00	53.51 1.51 0.00	65.76 2.35 0.00	55.09 1.60 0.00	47.65 1.34 0.00	41.15 1.24 0.00	36.58 1.10 0.00
STONY____BROOK 24151	44.82 3.77 -0.01	42.44 3.47 0.00	40.76 3.16 -0.01	40.43 3.10 0.00	42.95 3.22 0.00	46.95 3.91 -0.01	67.10 5.78 -1.11	82.33 4.28 -2.87	71.75 3.81 -5.52	51.59 4.32 -2.27	43.46 3.82 -2.17	38.35 3.61 -0.01	37.16 3.23 -0.62	36.24 2.91 -3.37	35.16 2.96 -2.83	44.90 1.87 -19.10	41.57 3.94 -0.07	50.77 4.29 -0.34	57.80 4.63 -1.17	71.90 5.64 -2.85	60.08 5.08 -1.50	50.93 4.26 -0.37	43.89 3.91 -0.07	38.64 3.16 -0.01

STURGEON_POOL_HYD 23609	43.01 1.97 0.00	40.73 1.75 0.00	39.21 1.62 0.00	38.86 1.53 0.00	41.20 1.47 0.00	44.96 1.94 0.00	63.52 3.31 0.00	78.86 3.68 0.00	66.89 3.06 -1.41	47.98 2.16 -0.82	39.83 1.57 -0.79	36.22 1.49 0.00	35.00 1.47 -0.22	32.48 1.29 -1.23	31.71 1.32 -1.03	31.25 0.86 -6.46	39.40 1.84 0.00	48.67 2.54 0.00	54.34 2.34 0.00	66.64 3.23 0.00	56.05 2.57 0.00	48.53 2.22 0.00	41.87 1.96 0.00	37.11 1.63 0.00
ST_LAW_115_BK7_LBMP 345037	40.38 -0.66 0.00	38.27 -0.70 0.00	37.03 -0.56 0.00	36.84 -0.49 0.00	39.41 -0.32 0.00	42.77 -0.26 0.00	59.36 -0.84 0.00	74.12 -1.05 0.00	61.27 -0.50 0.65	44.82 -0.18 0.00	37.40 -0.07 0.00	34.63 -0.10 0.00	33.18 -0.13 0.00	29.82 -0.15 0.00	29.24 -0.12 0.00	23.79 -0.14 0.00	37.48 -0.07 0.00	46.00 -0.14 0.00	51.64 -0.36 0.00	62.58 -0.83 0.00	52.85 -0.64 0.00	46.44 0.14 0.00	39.99 0.08 0.00	35.48 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	40.38 -0.66 0.00	38.27 -0.70 0.00	37.03 -0.56 0.00	36.84 -0.49 0.00	39.41 -0.32 0.00	42.77 -0.26 0.00	59.36 -0.84 0.00	74.12 -1.05 0.00	61.27 -0.50 0.65	44.82 -0.18 0.00	37.40 -0.07 0.00	34.63 -0.10 0.00	33.18 -0.13 0.00	29.82 -0.15 0.00	29.24 -0.12 0.00	23.79 -0.14 0.00	37.48 -0.07 0.00	46.00 -0.14 0.00	51.64 -0.36 0.00	62.58 -0.83 0.00	52.85 -0.64 0.00	46.44 0.14 0.00	39.99 0.08 0.00	35.48 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	40.38 -0.66 0.00	38.31 -0.66 0.00	37.03 -0.56 0.00	36.88 -0.45 0.00	39.41 -0.32 0.00	42.81 -0.21 0.00	59.42 -0.78 0.00	74.28 -0.90 0.00	61.54 -0.43 0.45	44.87 -0.13 0.00	37.40 -0.07 0.00	34.63 -0.10 0.00	33.18 -0.13 0.00	29.85 -0.12 0.00	29.24 -0.12 0.00	23.81 -0.12 0.00	37.48 -0.07 0.00	46.04 -0.09 0.00	51.69 -0.31 0.00	62.71 -0.70 0.00	52.90 -0.59 0.00	46.44 0.14 0.00	39.99 0.08 0.00	35.48 0.00 0.00
ST_LAW_230_BK6_LBMP 345036	40.38 -0.66 0.00	38.31 -0.66 0.00	37.03 -0.56 0.00	36.88 -0.45 0.00	39.41 -0.32 0.00	42.81 -0.21 0.00	59.42 -0.78 0.00	74.28 -0.90 0.00	61.54 -0.43 0.45	44.87 -0.13 0.00	37.40 -0.07 0.00	34.63 -0.10 0.00	33.18 -0.13 0.00	29.85 -0.12 0.00	29.24 -0.12 0.00	23.81 -0.12 0.00	37.48 -0.07 0.00	46.04 -0.09 0.00	51.69 -0.31 0.00	62.71 -0.70 0.00	52.90 -0.59 0.00	46.44 0.14 0.00	39.99 0.08 0.00	35.48 0.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.60 1.56 0.00	40.34 1.36 0.00	38.83 1.24 0.00	38.49 1.16 0.00	40.85 1.11 0.00	44.49 1.46 0.00	62.85 2.65 0.00	78.26 3.08 0.00	55.44 2.25 9.23	45.51 1.85 1.34	43.59 1.57 -4.54	36.19 1.46 0.00	36.00 1.40 -1.29	38.26 1.23 -7.06	36.53 1.23 -5.94	47.32 0.74 -22.65	39.32 1.77 0.00	48.40 2.26 0.00	54.14 2.13 0.00	66.33 2.92 0.00	55.84 2.35 0.00	48.29 1.99 0.00	41.71 1.80 0.00	36.90 1.42 0.00
SWANROAD_115KV_TB1 355699	37.79 -3.24 0.00	36.01 -2.96 0.00	34.70 -2.89 0.00	34.49 -2.84 0.00	36.87 -2.86 0.00	37.86 -5.16 0.00	51.41 -8.79 0.00	65.03 -10.15 0.00	54.08 -7.87 0.48	39.84 -5.00 0.17	33.65 -3.82 0.00	30.81 -3.92 0.00	29.48 -3.83 0.00	26.58 -3.39 0.00	25.84 -3.52 0.00	19.75 -1.70 2.49	32.45 -5.11 0.00	36.34 -6.69 3.11	44.71 -7.28 0.01	51.37 -9.19 2.85	46.13 -7.33 0.03	35.26 -6.62 4.42	34.44 -5.47 0.00	31.08 -4.40 0.00
SYNERGY__BIOGAS 323694	39.72 -1.31 0.00	37.77 -1.21 0.00	36.47 -1.13 0.00	36.25 -1.08 0.00	38.74 -0.99 0.00	40.44 -2.58 0.00	55.63 -4.58 0.00	70.29 -4.89 0.00	58.43 -3.56 0.44	42.46 -2.39 0.15	35.75 -1.72 0.00	32.72 -2.01 0.00	31.24 -2.07 0.00	28.14 -1.83 0.00	27.36 -2.00 0.00	21.06 -0.60 2.28	34.66 -2.89 0.00	40.73 -3.78 1.63	48.04 -3.95 0.01	56.62 -5.01 1.78	49.67 -3.80 0.02	39.80 -3.75 2.76	36.80 -3.11 0.00	33.03 -2.45 0.00
SYRACUSE__ENERGY_ST1 323597	41.16 0.12 0.00	39.13 0.16 0.00	37.71 0.11 0.00	37.44 0.11 0.00	39.93 0.20 0.00	43.02 0.00 0.00	60.33 0.12 0.00	75.55 0.38 0.00	62.81 0.31 -0.07	45.14 0.14 0.00	37.66 0.19 0.00	34.80 0.07 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	24.10 0.17 0.00	37.52 -0.04 0.00	46.09 -0.05 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.21 0.00 0.00	39.79 -0.09 0.00	35.37 -0.12 -0.11
SYRACUSE__ENERGY_ST2 323598	41.16 0.12 0.00	39.13 0.16 0.00	37.71 0.11 0.00	37.44 0.11 0.00	39.93 0.20 0.00	43.02 0.00 0.00	60.33 0.12 0.00	75.55 0.38 0.00	62.81 0.31 -0.07	45.14 0.14 0.00	37.66 0.19 0.00	34.80 0.07 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	24.10 0.17 0.00	37.52 -0.04 0.00	46.09 -0.05 0.00	52.00 0.00 0.00	63.41 0.00 0.00	53.49 0.00 0.00	46.21 0.00 0.00	39.79 -0.09 0.00	35.37 -0.12 -0.11
SYRACUSE__POWER 24017	41.08 0.04 0.00	39.01 0.04 0.00	37.63 0.04 0.00	37.37 0.04 0.00	39.81 0.08 0.00	42.94 -0.09 0.00	60.20 0.00 0.00	75.47 0.30 0.00	62.69 0.19 -0.07	45.09 0.09 0.00	37.58 0.11 0.00	34.77 0.03 0.00	33.31 0.00 0.00	29.97 0.00 0.00	29.36 0.00 0.00	24.08 0.14 0.00	37.48 -0.08 0.00	46.04 -0.09 0.00	51.90 -0.10 0.00	63.35 -0.06 0.00	53.43 -0.05 0.00	46.16 -0.14 0.00	39.71 -0.20 0.00	35.30 -0.18 0.00
TALLMAN__138KV_BK151 55660	42.84 1.81 0.00	40.57 1.60 0.00	39.02 1.43 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.74 1.72 0.00	63.28 3.07 0.00	78.78 3.61 0.00	55.26 2.75 9.91	45.35 2.25 1.90	43.15 1.91 -3.77	36.50 1.77 0.00	36.08 1.70 -1.07	37.33 1.50 -5.86	35.79 1.50 -4.93	52.49 0.91 -27.65	39.66 2.10 0.00	48.81 2.68 0.00	54.50 2.50 0.00	66.83 3.42 0.00	56.22 2.73 0.00	48.66 2.36 0.00	41.99 2.08 0.00	37.11 1.63 0.00
TEALLAVE_115KV_TB7 355573	40.95 -0.08 0.00	38.90 -0.08 0.00	37.48 -0.11 0.00	37.22 -0.11 0.00	39.69 -0.04 0.00	42.81 -0.22 0.00	59.96 -0.24 0.00	75.10 -0.08 0.00	62.51 0.00 -0.08	44.96 -0.05 0.00	37.47 0.00 0.00	34.66 -0.07 0.00	33.21 -0.10 0.00	29.91 -0.06 0.00	29.27 -0.09 0.00	24.00 0.07 0.00	37.37 -0.19 0.00	45.86 -0.28 0.00	51.69 -0.31 0.00	63.03 -0.38 0.00	53.17 -0.32 0.00	45.98 -0.32 0.00	39.55 -0.36 0.00	35.19 -0.28 0.00
TELEGRAPH_34_KV_EAST 80808	38.86 -2.17 0.00	36.99 -1.99 0.00	35.68 -1.92 0.00	35.46 -1.87 0.00	37.90 -1.83 0.00	39.28 -3.74 0.00	53.76 -6.44 0.00	67.96 -7.22 0.00	56.54 -5.43 0.46	41.33 -3.51 0.16	34.89 -2.59 0.00	31.92 -2.81 0.00	30.51 -2.80 0.00	27.51 -2.46 0.00	26.75 -2.61 0.00	20.54 -1.03 2.36	33.76 -3.79 0.00	38.89 -5.03 2.22	46.63 -5.36 0.02	53.15 -6.78 3.48	48.12 -5.35 0.02	35.95 -5.00 5.35	35.76 -4.15 0.00	32.18 -3.30 0.00
TEMPLE__115KV_TB 2 55572	41.00 -0.04 0.00	38.94 -0.04 0.00	37.52 -0.08 0.00	37.26 -0.07 0.00	39.73 0.00 0.00	42.81 -0.22 0.00	60.02 -0.18 0.00	75.17 0.00 0.00	62.57 0.06 -0.08	45.00 0.00 0.00	37.51 0.04 0.00	34.70 -0.03 0.00	33.24 -0.07 0.00	29.94 -0.03 0.00	29.30 -0.06 0.00	24.05 0.12 0.00	37.41 -0.15 0.00	45.90 -0.23 0.00	51.74 -0.26 0.00	63.09 -0.32 0.00	53.22 -0.27 0.00	46.03 -0.28 0.00	39.59 -0.32 0.00	35.23 -0.25 0.00

TIANA___69_KV_BK 1 55817	45.07 4.02 -0.01	42.72 3.74 0.00	41.25 3.65 -0.01	40.80 3.47 0.00	43.47 3.73 0.00	47.64 4.60 -0.01	68.35 6.62 -1.52	84.60 5.49 -3.94	72.47 3.93 -6.11	52.09 4.82 -2.27	43.87 4.23 -2.17	38.77 4.03 -0.01	37.46 3.53 -0.62	36.48 3.15 -3.37	35.45 3.26 -2.83	44.90 1.87 -19.10	41.79 4.17 -0.07	51.21 4.61 -0.46	58.23 4.63 -1.60	73.34 6.02 -3.91	60.57 5.03 -2.06	51.25 4.45 -0.50	43.97 3.99 -0.07	38.47 2.98 -0.01
TILDEN___115KV_TB1 80814	41.08 0.04 0.00	39.01 0.04 0.00	37.63 0.04 0.00	37.37 0.04 0.00	39.81 0.08 0.00	42.94 -0.09 0.00	60.20 0.00 0.00	75.47 0.30 0.00	62.69 0.19 -0.07	45.09 0.09 0.00	37.58 0.11 0.00	34.77 0.03 0.00	33.31 0.00 0.00	29.97 0.00 0.00	29.36 0.00 0.00	24.08 0.14 0.00	37.48 -0.08 0.00	46.04 -0.09 0.00	51.90 -0.10 0.00	63.35 -0.06 0.00	53.43 -0.05 0.00	46.16 -0.14 0.00	39.71 -0.20 0.00	35.30 -0.18 0.00
TRIGEN___CC 323695	43.84 2.79 -0.02	41.47 2.49 0.00	39.98 2.37 -0.02	39.57 2.24 0.00	42.00 2.26 0.00	45.79 2.75 -0.02	64.42 4.21 0.00	79.16 3.98 0.00	69.27 2.93 -3.91	50.51 3.24 -2.27	42.45 2.81 -2.17	37.45 2.71 -0.01	36.44 2.50 -0.63	35.56 2.22 -3.37	34.40 2.20 -2.84	44.47 1.44 -19.10	40.60 2.93 -0.12	49.37 3.23 -0.01	55.50 3.48 -0.02	68.05 4.63 -0.02	57.19 3.69 -0.02	49.51 3.19 -0.02	42.90 2.87 -0.12	37.87 2.38 -0.02
TRINITY___115KV___4 BK 55933	41.69 0.66 0.00	39.60 0.62 0.00	38.20 0.60 0.00	37.85 0.52 0.00	40.13 0.40 0.00	43.63 0.60 0.00	61.47 1.26 0.00	76.53 1.35 0.00	64.59 1.06 -1.11	46.28 0.63 -0.64	38.47 0.37 -0.62	35.15 0.42 0.00	34.09 0.60 -0.18	31.41 0.48 -0.96	30.64 0.47 -0.81	29.57 0.19 -5.45	38.31 0.75 0.00	46.97 0.83 0.00	52.73 0.73 0.00	64.68 1.27 0.00	54.24 0.75 0.00	47.09 0.79 0.00	40.75 0.84 0.00	36.33 0.85 0.00
UNION___PROCESSING_DRP 323587	40.38 -0.66 0.00	38.35 -0.62 0.00	37.03 -0.56 0.00	36.81 -0.52 0.00	39.26 -0.48 0.00	41.73 -1.29 0.00	57.92 -2.29 0.00	72.92 -2.26 0.00	60.61 -1.44 0.38	43.88 -0.99 0.13	36.80 -0.67 0.00	33.83 -0.90 0.00	32.38 -0.93 0.00	29.13 -0.84 0.00	28.42 -0.94 0.00	23.79 -0.14 0.00	36.20 -1.35 0.00	45.11 -1.85 -0.82	50.08 -1.92 0.00	61.55 -2.60 -0.74	51.56 -1.93 0.00	45.37 -2.08 -1.15	38.27 -1.64 0.00	34.17 -1.31 0.00
UPPER HUDSON___HYD 24058	41.40 0.37 0.00	39.32 0.35 0.00	37.86 0.27 0.00	37.67 0.34 0.00	40.01 0.28 0.00	43.50 0.47 0.00	61.71 1.51 0.00	77.13 1.95 0.00	64.42 1.06 -0.94	45.78 0.23 -0.55	37.92 -0.07 -0.52	34.66 -0.07 0.00	33.49 0.03 -0.15	30.75 -0.03 -0.82	29.99 -0.06 -0.69	28.44 -0.12 -4.62	37.82 0.26 0.00	46.64 0.51 0.00	52.83 0.83 0.00	64.93 1.52 0.00	54.40 0.91 0.00	46.95 0.65 0.00	40.55 0.64 0.00	35.97 0.50 0.00
UPPER RAQUET___HYD 24056	39.68 -1.35 0.00	37.65 -1.33 0.00	36.39 -1.20 0.00	36.29 -1.05 0.00	38.90 -0.84 0.00	42.33 -0.69 0.00	58.82 -1.38 0.00	73.52 -1.65 0.00	64.87 -1.12 -3.56	44.19 -0.81 0.00	36.72 -0.75 0.00	33.97 -0.76 0.00	32.51 -0.80 0.00	29.19 -0.78 0.00	28.66 -0.70 0.00	23.33 -0.60 0.00	36.92 -0.64 0.00	45.49 -0.65 0.00	51.01 -0.99 0.00	61.89 -1.52 0.00	52.20 -1.28 0.00	46.07 -0.23 0.00	39.51 -0.40 0.00	34.87 -0.60 0.00
VALLEY44_115KV_TB2 355964	38.04 -3.00 0.00	36.21 -2.77 0.00	34.89 -2.71 0.00	34.68 -2.65 0.00	36.87 -2.86 0.00	38.76 -4.26 0.00	54.00 -6.20 0.00	67.51 -7.67 0.00	55.02 -6.80 0.60	40.43 -4.37 0.21	33.95 -3.52 0.00	31.19 -3.54 0.00	29.81 -3.50 0.00	26.91 -3.06 0.00	26.16 -3.20 0.00	19.50 -1.48 2.95	33.42 -4.13 0.00	37.29 -5.40 3.45	46.22 -5.77 0.01	53.99 -6.72 2.70	48.00 -5.46 0.03	37.70 -4.40 4.20	35.44 -4.47 0.00	31.97 -3.51 0.00
VALLEY___115KV_TB 1-4 80826	41.28 0.25 0.00	39.29 0.31 0.00	37.93 0.34 0.00	37.70 0.37 0.00	40.17 0.44 0.00	43.63 0.60 0.00	61.23 1.02 0.00	76.60 1.43 0.00	63.59 1.06 -0.10	45.68 0.68 0.00	37.96 0.49 0.00	35.18 0.45 0.00	33.71 0.40 0.00	30.27 0.30 0.00	29.65 0.29 0.00	24.15 0.22 0.00	37.97 0.41 0.00	46.64 0.51 0.00	52.52 0.52 0.00	64.11 0.70 0.00	53.97 0.48 0.00	46.63 0.32 0.00	40.15 0.24 0.00	35.69 0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.60 1.56 0.00	40.49 1.52 0.00	39.02 1.43 0.00	38.75 1.42 0.00	41.24 1.51 0.00	44.70 1.68 0.00	62.97 2.77 0.00	78.86 3.68 0.00	63.71 2.68 1.40	45.94 1.76 0.82	38.00 1.31 0.78	35.95 1.22 0.00	34.19 1.10 0.22	29.68 0.93 1.22	29.24 0.91 1.03	17.57 0.77 7.13	38.91 1.35 0.00	47.93 1.80 0.00	53.98 1.98 0.00	66.07 2.66 0.00	55.57 2.09 0.00	48.06 1.76 0.00	41.31 1.40 0.00	36.65 1.17 0.00
VISCHER___FERRY HYD 24020	41.98 0.94 0.00	39.91 0.93 0.00	38.38 0.79 0.00	38.15 0.82 0.00	40.45 0.72 0.00	43.93 0.90 0.00	62.07 1.87 0.00	77.28 2.10 0.00	65.03 1.50 -1.11	46.55 0.90 -0.65	38.62 0.52 -0.62	35.29 0.55 0.00	34.19 0.70 -0.18	31.50 0.57 -0.97	30.70 0.53 -0.81	29.67 0.26 -5.48	38.57 1.01 0.00	47.33 1.20 0.00	53.20 1.20 0.00	65.38 1.97 0.00	54.77 1.28 0.00	47.50 1.20 0.00	41.07 1.16 0.00	36.54 1.06 0.00
V_A_10_SYNC_DSASP 323832	38.78 -2.26 0.00	36.91 -2.07 0.00	35.56 -2.03 0.00	35.35 -1.98 0.00	37.67 -2.07 0.00	39.24 -3.79 0.00	53.58 -6.62 0.00	67.58 -7.59 0.00	56.23 -5.74 0.45	41.25 -3.60 0.16	34.70 -2.77 0.00	31.85 -2.88 0.00	30.48 -2.83 0.00	27.48 -2.49 0.00	26.75 -2.61 0.00	20.47 -1.15 2.31	33.72 -3.83 0.00	37.75 -5.03 3.36	46.48 -5.51 0.01	53.63 -7.10 2.68	47.90 -5.56 0.02	36.77 -5.37 4.17	35.76 -4.15 0.00	32.18 -3.30 0.00
V_CMM_10_SYNC_DSASP 323787	40.63 -0.41 0.00	38.51 -0.47 0.00	37.26 -0.34 0.00	37.07 -0.26 0.00	39.65 -0.08 0.00	43.02 0.00 0.00	59.54 -0.66 0.00	74.42 -0.75 0.00	61.33 -0.44 0.65	45.09 0.09 0.00	37.58 0.11 0.00	34.80 0.07 0.00	33.34 0.03 0.00	29.97 0.00 0.00	29.42 0.06 0.00	23.93 0.00 0.00	37.67 0.11 0.00	46.27 0.14 0.00	52.16 0.16 0.00	62.59 -0.82 0.00	53.49 0.00 0.00	46.72 0.42 0.00	40.23 0.32 0.00	35.66 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	40.50 -0.53 0.00	38.39 -0.58 0.00	37.22 -0.38 0.00	37.14 -0.19 0.00	39.85 0.12 0.00	43.41 0.39 0.00	60.57 0.36 0.00	75.78 0.60 0.00	63.20 0.87 0.10	45.81 0.81 0.00	38.22 0.75 0.00	35.36 0.63 0.00	33.88 0.57 0.00	30.42 0.45 0.00	29.83 0.47 0.00	24.31 0.38 0.00	38.23 0.68 0.00	47.01 0.88 0.00	52.94 0.94 0.00	63.85 0.44 0.00	54.24 0.75 0.00	47.32 1.02 0.00	40.63 0.72 0.00	35.97 0.50 0.00
V_D_10_SYNC_DSASP 323841	40.87 -0.16 0.00	38.74 -0.23 0.00	37.48 -0.11 0.00	37.29 -0.04 0.00	39.93 0.20 0.00	43.32 0.30 0.00	60.26 0.06 0.00	75.25 0.08 0.00	67.95 0.31 -5.21	45.36 0.36 0.00	37.77 0.30 0.00	34.94 0.21 0.00	33.48 0.17 0.00	30.06 0.09 0.00	29.51 0.15 0.00	24.03 0.10 0.00	37.86 0.30 0.00	46.55 0.42 0.00	52.47 0.47 0.00	63.22 -0.19 0.00	53.81 0.32 0.00	47.09 0.79 0.00	40.47 0.56 0.00	35.83 0.35 0.00

V_E_10_SYNC_DSASP 323830	43.29 2.26 0.00	41.31 2.34 0.00	39.85 2.26 0.00	39.65 2.31 0.00	42.39 2.66 0.00	45.86 2.84 0.00	65.02 4.82 0.00	82.09 6.92 0.00	65.97 4.81 1.26	46.83 2.57 0.73	38.53 1.76 0.71	36.09 1.35 0.00	34.14 1.03 0.20	29.74 0.87 1.10	29.26 0.82 0.92	17.80 0.93 7.07	39.10 1.54 0.00	48.49 2.35 0.00	55.07 3.07 0.00	67.28 3.87 0.00	56.49 3.00 0.00	48.48 2.18 0.00	41.35 1.44 0.00	36.58 1.10 0.00
V_F_30_NSYNC_DSASP 323816	42.19 1.15 0.00	40.07 1.09 0.00	38.68 1.09 0.00	38.38 1.05 0.00	40.73 0.99 0.00	44.36 1.33 0.00	62.55 2.35 0.00	78.11 2.93 0.00	65.39 2.00 -0.96	46.60 1.04 -0.56	38.61 0.60 -0.54	35.32 0.59 0.00	34.16 0.70 -0.15	31.37 0.57 -0.84	30.62 0.56 -0.70	29.01 0.34 -4.74	38.53 0.98 0.00	47.43 1.29 0.00	53.56 1.56 0.00	65.82 2.41 0.00	55.09 1.60 0.00	47.69 1.39 0.00	41.19 1.28 0.00	36.65 1.17 0.00
V_F_30_SYNC_DSASP 323786	41.82 0.78 0.00	39.72 0.74 0.00	38.31 0.71 0.00	37.97 0.63 0.00	40.25 0.52 0.00	43.75 0.73 0.00	61.59 1.38 0.00	76.83 1.65 0.00	64.74 1.31 -1.00	46.35 0.77 -0.58	38.52 0.49 -0.56	35.29 0.56 0.00	34.14 0.67 -0.16	31.41 0.57 -0.87	30.62 0.53 -0.73	29.16 0.29 -4.94	38.38 0.83 0.00	47.06 0.92 0.00	52.89 0.88 0.00	64.87 1.46 0.00	54.40 0.91 0.00	47.14 0.83 0.00	40.79 0.88 0.00	36.37 0.89 0.00
V_XM_10_SYNC_DSASP 323789	40.50 -0.53 0.00	38.39 -0.58 0.00	37.22 -0.38 0.00	37.14 -0.19 0.00	39.85 0.12 0.00	43.41 0.39 0.00	60.57 0.36 0.00	75.78 0.60 0.00	63.20 0.87 0.10	45.81 0.81 0.00	38.22 0.75 0.00	35.36 0.63 0.00	33.88 0.57 0.00	30.42 0.45 0.00	29.83 0.47 0.00	24.31 0.38 0.00	38.23 0.68 0.00	47.01 0.88 0.00	52.94 0.94 0.00	63.85 0.44 0.00	54.24 0.75 0.00	47.32 1.02 0.00	40.63 0.72 0.00	35.97 0.50 0.00
W.BABYLN_69_KV_BK1 56697	44.74 3.69 -0.01	42.33 3.35 0.00	40.76 3.16 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	66.21 5.48 -0.53	81.50 4.96 -1.36	70.65 3.56 -4.67	51.41 4.14 -2.27	43.27 3.63 -2.17	38.21 3.47 -0.01	37.07 3.13 -0.62	36.12 2.79 -3.37	35.01 2.82 -2.83	44.90 1.87 -19.10	41.42 3.79 -0.07	50.45 4.15 -0.16	57.14 4.58 -0.56	70.79 6.02 -1.36	59.13 4.92 -0.72	50.70 4.21 -0.18	43.82 3.83 -0.07	38.57 3.09 -0.01
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.97 1.93 0.00	40.69 1.71 0.00	39.14 1.54 0.00	38.79 1.46 0.00	41.12 1.39 0.00	44.87 1.85 0.00	63.52 3.31 0.00	79.01 3.83 0.00	55.24 2.93 10.12	45.14 2.39 2.25	42.57 1.99 -3.11	36.57 1.84 0.00	35.96 1.77 -0.89	36.39 1.59 -4.84	35.02 1.59 -4.07	49.87 0.98 -24.96	39.77 2.22 0.00	48.95 2.81 0.00	54.66 2.65 0.00	67.02 3.61 0.00	56.38 2.89 0.00	48.76 2.45 0.00	42.11 2.20 0.00	37.22 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.33 2.30 0.00	41.00 2.03 0.00	39.44 1.84 0.00	39.01 1.68 0.00	41.44 1.71 0.00	45.26 2.24 0.00	64.00 3.79 0.00	79.83 4.66 0.00	70.15 3.81 -3.91	50.38 3.11 -2.28	42.27 2.62 -2.17	37.17 2.43 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.22 2.03 -2.83	44.39 1.32 -19.14	40.30 2.74 0.00	49.65 3.51 -0.01	55.33 3.33 0.00	67.72 4.31 0.00	57.02 3.53 0.00	49.36 3.06 0.00	42.54 2.63 0.00	37.54 2.06 0.00
W50THST__13_KV_LOAD 356117	43.50 2.46 0.00	41.12 2.14 0.00	39.59 1.99 0.00	39.16 1.83 0.00	41.60 1.87 0.00	45.43 2.41 0.00	64.30 4.09 0.00	80.21 5.04 0.00	70.46 4.12 -3.91	50.61 3.33 -2.28	42.45 2.81 -2.17	37.34 2.60 -0.01	36.39 2.46 -0.62	35.52 2.19 -3.36	34.36 2.17 -2.83	44.51 1.44 -19.14	40.48 2.93 0.00	49.88 3.74 -0.01	55.54 3.54 0.00	68.04 4.63 0.00	57.23 3.74 0.00	49.54 3.24 0.00	42.70 2.79 0.00	37.68 2.20 0.00
WADING RIVER_IC_1 23522	44.82 3.77 -0.01	42.48 3.51 0.00	40.84 3.23 -0.01	40.54 3.21 0.00	43.07 3.34 0.00	47.12 4.09 -0.01	67.51 5.78 -1.53	83.10 3.98 -3.95	71.85 3.31 -6.12	51.55 4.28 -2.27	43.38 3.75 -2.17	38.38 3.65 -0.01	37.20 3.27 -0.62	36.24 2.91 -3.37	35.25 3.05 -2.83	44.68 1.65 -19.10	41.53 3.91 -0.07	50.84 4.24 -0.46	57.66 4.06 -1.60	72.58 5.26 -3.92	60.09 4.54 -2.06	50.83 4.03 -0.50	43.65 3.67 -0.07	38.43 2.94 -0.01
WADING RIVER_IC_2 23547	44.82 3.77 -0.01	42.48 3.51 0.00	40.84 3.23 -0.01	40.54 3.21 0.00	43.07 3.34 0.00	47.12 4.09 -0.01	67.51 5.78 -1.53	83.10 3.98 -3.95	71.85 3.31 -6.12	51.55 4.28 -2.27	43.38 3.75 -2.17	38.38 3.65 -0.01	37.20 3.27 -0.62	36.24 2.91 -3.37	35.25 3.05 -2.83	44.68 1.65 -19.10	41.53 3.91 -0.07	50.84 4.24 -0.46	57.66 4.06 -1.60	72.58 5.26 -3.92	60.09 4.54 -2.06	50.83 4.03 -0.50	43.65 3.67 -0.07	38.43 2.94 -0.01
WADING RIVER_IC_3 23601	44.82 3.77 -0.01	42.48 3.51 0.00	40.84 3.23 -0.01	40.54 3.21 0.00	43.07 3.34 0.00	47.12 4.09 -0.01	67.51 5.78 -1.53	83.10 3.98 -3.95	71.85 3.31 -6.12	51.55 4.28 -2.27	43.38 3.75 -2.17	38.38 3.65 -0.01	37.20 3.27 -0.62	36.24 2.91 -3.37	35.25 3.05 -2.83	44.68 1.65 -19.10	41.53 3.91 -0.07	50.84 4.24 -0.46	57.66 4.06 -1.60	72.58 5.26 -3.92	60.09 4.54 -2.06	50.83 4.03 -0.50	43.65 3.67 -0.07	38.43 2.94 -0.01
WALDENNY_12_KV_BK2 80841	38.82 -2.22 0.00	36.99 -1.99 0.00	35.64 -1.95 0.00	35.43 -1.90 0.00	37.79 -1.95 0.00	38.94 -4.09 0.00	53.28 -6.92 0.00	67.43 -7.74 0.00	55.80 -6.12 0.51	41.09 -3.74 0.18	34.62 -2.85 0.00	31.74 -2.99 0.00	30.35 -2.96 0.00	27.39 -2.58 0.00	26.60 -2.76 0.00	20.08 -1.17 2.68	33.35 -4.21 0.00	36.75 -5.49 3.89	45.96 -6.03 0.01	52.85 -7.48 3.07	47.41 -6.04 0.04	36.06 -5.46 4.78	35.24 -4.67 0.00	31.75 -3.73 0.00
WALDEN__HYDRO 24148	43.38 2.34 0.00	41.08 2.10 0.00	39.55 1.95 0.00	39.20 1.87 0.00	41.56 1.83 0.00	45.39 2.37 0.00	64.24 4.03 0.00	79.76 4.59 0.00	67.91 3.50 -1.99	48.55 2.39 -1.16	40.42 1.84 -1.11	36.40 1.67 0.00	35.29 1.67 -0.32	33.13 1.44 -1.73	32.31 1.50 -1.45	34.36 0.93 -9.49	39.70 2.14 0.00	49.09 2.95 0.00	54.86 2.86 0.00	67.34 3.93 0.00	56.59 3.10 0.00	48.94 2.64 0.00	42.23 2.31 0.00	37.39 1.92 0.00
WARRENSBURG____ 23737	41.41 0.37 0.00	39.33 0.35 0.00	37.97 0.38 0.00	37.67 0.34 0.00	40.01 0.28 0.00	43.63 0.60 0.00	61.71 1.51 0.00	77.20 2.03 0.00	64.49 1.12 -0.94	45.77 0.23 -0.55	37.92 -0.07 -0.52	34.66 -0.07 0.00	33.49 0.03 -0.15	30.75 -0.03 -0.82	30.02 -0.03 -0.69	28.43 -0.12 -4.62	37.82 0.26 0.00	46.64 0.51 0.00	52.84 0.83 0.00	64.93 1.52 0.00	54.29 0.80 0.00	46.95 0.65 0.00	40.55 0.64 0.00	36.01 0.53 0.00
WATERSIDE__6 8 9 23538	43.51 2.46 -0.01	41.16 2.18 -0.01	39.59 1.99 -0.01	39.17 1.83 -0.01	41.61 1.87 -0.01	45.44 2.41 -0.01	64.06 3.85 0.00	79.83 4.66 0.00	70.02 3.68 -3.91	50.38 3.11 -2.27	42.30 2.66 -2.17	37.17 2.43 -0.01	36.22 2.30 -0.62	35.37 2.04 -3.36	34.21 2.03 -2.83	44.37 1.32 -19.12	40.33 2.78 0.00	49.74 3.60 -0.01	55.33 3.33 0.00	67.66 4.25 0.00	56.96 3.48 0.00	49.55 3.24 -0.01	42.67 2.75 -0.01	37.68 2.20 -0.01

WATKINRD_115KV_LN8_ILLLION 55919	41.28 0.25 0.00	39.25 0.27 0.00	37.86 0.26 0.00	37.63 0.30 0.00	40.05 0.32 0.00	43.45 0.43 0.00	60.99 0.78 0.00	76.23 1.05 0.00	63.28 0.75 -0.10	45.45 0.45 0.00	37.81 0.34 0.00	35.04 0.31 0.00	33.61 0.30 0.00	30.21 0.24 0.00	29.57 0.21 0.00	24.10 0.17 0.00	37.86 0.30 0.00	46.55 0.42 0.00	52.42 0.42 0.00	63.98 0.57 0.00	53.86 0.37 0.00	46.58 0.28 0.00	40.11 0.20 0.00	35.66 0.18 0.00
WDELAWARE___HYD 323627	43.67 2.63 0.00	41.35 2.38 0.00	39.77 2.18 0.00	39.50 2.16 0.00	41.92 2.18 0.00	45.69 2.67 0.00	64.84 4.64 0.00	80.74 5.56 0.00	66.07 4.12 0.48	47.58 2.75 0.17	39.53 2.06 0.00	36.50 1.77 0.00	35.04 1.73 0.00	31.49 1.53 0.00	30.92 1.56 0.00	20.55 1.03 4.41	39.77 3.23 0.00	49.36 3.12 0.00	55.12 4.25 0.00	67.66 3.53 0.00	57.02 2.87 0.00	49.17 2.48 0.00	42.39 2.48 0.00	37.54 2.06 0.00
WEST BABYLON___IC 23714	44.74 3.69 -0.01	42.33 3.35 0.00	40.76 3.16 -0.01	40.35 3.02 0.00	42.87 3.14 0.00	46.82 3.79 -0.01	66.21 5.48 -0.53	81.50 4.96 -1.36	70.65 3.56 -4.67	51.41 4.14 -2.27	43.27 3.63 -2.17	38.21 3.47 -0.01	37.07 3.13 -0.62	36.12 2.79 -3.37	35.01 2.82 -2.83	44.90 1.87 -19.10	41.42 3.79 -0.07	50.45 4.15 -0.16	57.14 4.58 -0.56	70.79 6.02 -1.36	59.13 4.92 -0.72	50.70 4.21 -0.18	43.82 3.83 -0.07	38.57 3.09 -0.01
WEST CANADA___HYD 24049	41.12 0.08 0.00	39.05 0.08 0.00	37.63 0.04 0.00	37.37 0.04 0.00	39.77 0.04 0.00	43.07 0.04 0.00	60.39 0.18 0.00	75.40 0.23 0.00	62.65 0.13 -0.10	45.05 0.05 0.00	37.51 0.04 0.00	34.77 0.03 0.00	33.34 0.03 0.00	30.00 0.03 0.00	29.39 0.03 0.00	23.93 0.00 0.00	37.63 0.08 0.00	46.23 0.09 0.00	52.11 0.10 0.00	63.54 0.13 0.00	53.59 0.11 0.00	46.35 0.05 0.00	39.95 0.04 0.00	35.51 0.04 0.00
WESTERN_NY_WIND 24143	39.60 -1.44 0.00	37.69 -1.29 0.00	36.39 -1.20 0.00	36.17 -1.16 0.00	38.66 -1.07 0.00	40.27 -2.75 0.00	55.39 -4.82 0.00	69.99 -5.19 0.00	58.17 -3.81 0.45	42.33 -2.52 0.16	35.64 -1.84 0.00	32.61 -2.12 0.00	31.14 -2.17 0.00	28.08 -1.89 0.00	27.31 -2.06 0.00	20.98 -0.65 2.31	34.55 -3.00 0.00	40.31 -3.97 1.86	47.89 -4.11 0.01	56.12 -5.26 2.02	49.46 -4.01 0.02	39.29 -3.89 3.13	36.68 -3.23 0.00	32.92 -2.55 0.00
WESTOVER___LESR 323668	41.24 0.21 0.00	39.17 0.19 0.00	37.74 0.15 0.00	37.48 0.15 0.00	39.93 0.20 0.00	42.94 -0.09 0.00	60.14 -0.06 0.00	74.95 -0.23 0.00	61.06 -0.31 1.05	44.26 -0.14 0.61	36.81 -0.07 0.59	34.56 -0.17 0.00	32.91 -0.23 0.17	28.84 -0.21 0.91	28.36 -0.23 0.77	18.80 0.10 5.23	37.29 -0.26 0.00	44.94 -0.32 0.87	51.64 -0.36 0.00	62.46 -0.32 0.63	53.22 -0.27 0.00	45.04 -0.28 0.98	39.59 -0.32 0.00	35.27 -0.21 0.00
WETHRSFD_WT_PWR 323626	39.27 -1.76 0.00	37.41 -1.56 0.00	36.54 -1.05 0.00	35.87 -1.46 0.00	38.22 -1.51 0.00	40.36 -2.67 0.00	55.57 -4.63 0.00	70.06 -5.11 0.00	57.23 -4.62 0.58	41.70 -3.10 0.20	35.04 -2.44 0.00	32.20 -2.53 0.00	30.75 -2.56 0.00	27.66 -2.31 0.00	27.01 -2.35 0.00	19.85 -1.08 3.00	34.02 -3.53 0.00	33.48 -4.66 7.99	47.00 -4.99 0.01	52.02 -6.28 5.11	48.15 -5.24 0.10	33.56 -4.77 7.98	35.76 -4.15 0.00	32.07 -3.41 0.00
WHAVSTOR_138KV_BK127 55557	42.80 1.76 0.00	40.53 1.56 0.00	39.02 1.43 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.74 1.72 0.00	63.22 3.01 0.00	78.71 3.53 0.00	55.01 2.75 10.16	44.93 2.25 2.32	42.35 1.91 -2.97	36.50 1.77 0.00	35.86 1.70 -0.85	36.09 1.50 -4.62	34.74 1.50 -3.89	49.29 0.91 -24.45	39.66 2.10 0.00	48.76 2.63 0.00	54.50 2.50 0.00	66.77 3.36 0.00	56.22 2.73 0.00	48.62 2.32 0.00	41.99 2.08 0.00	37.11 1.63 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.80 1.76 0.00	40.53 1.56 0.00	39.02 1.43 0.00	38.67 1.34 0.00	41.00 1.27 0.00	44.74 1.72 0.00	63.22 3.01 0.00	78.71 3.53 0.00	55.01 2.75 10.16	44.93 2.25 2.32	42.35 1.91 -2.97	36.50 1.77 0.00	35.86 1.70 -0.85	36.09 1.50 -4.62	34.74 1.50 -3.89	49.29 0.91 -24.45	39.66 2.10 0.00	48.76 2.63 0.00	54.50 2.50 0.00	66.77 3.36 0.00	56.22 2.73 0.00	48.62 2.32 0.00	41.99 2.08 0.00	37.11 1.63 0.00
WHITEHAL_115KV_TB1 80871	41.36 0.33 0.00	39.29 0.31 0.00	37.93 0.34 0.00	37.67 0.34 0.00	40.01 0.28 0.00	43.75 0.73 0.00	62.07 1.87 0.00	77.65 2.48 0.00	64.68 1.31 -0.95	45.69 0.14 -0.55	37.74 -0.26 -0.53	34.45 -0.28 0.00	33.29 -0.17 -0.15	30.58 -0.21 -0.82	29.82 -0.23 -0.69	28.34 -0.26 -4.67	37.63 0.08 0.00	46.60 0.46 0.00	52.99 0.99 0.00	65.25 1.84 0.00	54.50 1.02 0.00	47.04 0.74 0.00	40.59 0.68 0.00	36.01 0.53 0.00
WHITEPLN_13_KV_LOAD 356215	43.46 2.42 0.00	41.16 2.18 0.00	39.59 1.99 0.00	39.23 1.90 0.00	41.56 1.83 0.00	45.43 2.41 0.00	64.36 4.15 0.00	80.21 5.04 0.00	70.59 4.18 -3.98	50.55 3.24 -2.30	42.37 2.70 -2.20	37.20 2.47 0.00	36.27 2.33 -0.63	35.43 2.04 -3.42	34.26 2.03 -2.88	44.71 1.32 -19.46	40.37 2.82 0.00	49.73 3.60 0.00	55.59 3.59 0.00	68.29 4.88 0.00	57.45 3.96 0.00	49.64 3.33 0.00	42.78 2.87 0.00	37.68 2.20 0.00
WM_FLOYD_69_KV_BK2 356380	45.03 3.98 -0.01	42.64 3.66 0.00	41.10 3.50 -0.01	40.65 3.32 0.00	43.27 3.54 0.00	47.29 4.26 -0.01	67.70 6.02 -1.47	83.94 4.96 -3.80	71.96 3.50 -6.04	51.73 4.46 -2.27	43.54 3.90 -2.17	38.49 3.75 -0.01	37.26 3.33 -0.62	36.33 3.00 -3.37	35.31 3.11 -2.83	44.88 1.84 -19.10	41.68 4.06 -0.07	51.10 4.52 -0.45	58.12 4.58 -1.54	73.14 5.96 -3.77	60.45 4.97 -1.99	51.14 4.35 -0.48	43.93 3.95 -0.07	38.50 3.02 -0.01
WOODARD_115KV_TB2 355635	40.87 -0.16 0.00	38.82 -0.16 0.00	37.41 -0.19 0.00	37.18 -0.15 0.00	39.61 -0.12 0.00	42.72 -0.30 0.00	59.84 -0.36 0.00	74.95 -0.23 0.00	62.31 -0.19 -0.08	44.87 -0.14 0.00	37.40 -0.07 0.00	34.59 -0.14 0.00	33.14 -0.17 0.00	29.85 -0.12 0.00	29.21 -0.15 0.00	23.96 0.02 0.00	37.29 -0.26 0.00	45.77 -0.37 0.00	51.59 -0.42 0.00	62.97 -0.44 0.00	53.11 -0.37 0.00	45.89 -0.42 0.00	39.51 -0.40 0.00	35.12 -0.35 0.00
WOODMERE_69_KV_BK1 55827	44.21 3.16 -0.02	41.82 2.85 0.00	40.32 2.71 -0.02	39.87 2.54 0.00	42.36 2.62 0.00	46.14 3.10 -0.02	65.02 4.82 0.00	79.91 4.74 0.00	69.83 3.50 -3.91	50.92 3.65 -2.27	42.82 3.19 -2.17	37.79 3.06 -0.01	36.74 2.80 -0.63	35.83 2.49 -3.37	34.67 2.47 -2.84	44.71 1.68 -19.10	40.91 3.23 -0.12	49.79 3.64 -0.01	56.08 4.06 -0.02	68.81 5.39 -0.02	57.78 4.28 -0.02	50.02 3.70 -0.02	43.31 3.27 -0.12	38.23 2.73 -0.02
YORK___WARBASSE 23770	43.79 2.75 -0.01	41.40 2.42 -0.01	39.82 2.22 -0.01	39.39 2.05 -0.01	41.85 2.11 -0.01	45.66 2.62 -0.01	64.36 4.15 0.00	80.14 4.96 0.00	70.08 3.75 -3.91	50.43 3.15 -2.27	42.26 2.62 -2.17	37.17 2.43 -0.01	36.19 2.27 -0.62	35.34 2.01 -3.36	34.18 2.00 -2.83	44.35 1.29 -19.12	40.33 2.78 0.00	49.83 3.69 -0.01	55.44 3.43 0.00	67.85 4.44 0.00	57.12 3.64 0.00	49.74 3.43 -0.01	42.87 2.95 -0.01	37.90 2.41 -0.01