

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/19/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.35	19.18	18.87	18.90	18.53	19.08	25.05	27.77	21.39	23.09	20.80	20.95	21.15	23.41	19.31	18.10	19.07	18.44	17.89	40.51	42.45	21.38	20.56	19.37
24138	0.46	-0.23	-0.07	0.02	0.03	-0.04	-0.20	-0.06	0.23	0.86	0.68	0.33	0.14	0.24	0.74	0.46	0.34	0.11	0.62	0.00	-0.44	-0.11	0.94	1.12
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.68	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
74TH STREET_GT_1	19.35	19.18	18.87	18.90	18.53	19.08	25.05	27.77	21.39	23.08	20.80	20.95	21.15	23.41	19.31	18.10	19.07	18.44	17.89	40.52	42.46	21.38	20.53	19.34
24260	0.46	-0.23	-0.07	0.02	0.03	-0.04	-0.20	-0.06	0.23	0.85	0.67	0.33	0.14	0.24	0.74	0.45	0.34	0.11	0.62	0.01	-0.43	-0.11	0.91	1.09
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.69	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
74TH STREET_GT_2	19.35	19.18	18.87	18.90	18.53	19.08	25.05	27.77	21.39	23.08	20.80	20.95	21.15	23.41	19.31	18.10	19.07	18.44	17.89	40.52	42.46	21.38	20.53	19.34
24261	0.46	-0.23	-0.07	0.02	0.03	-0.04	-0.20	-0.06	0.23	0.85	0.67	0.33	0.14	0.24	0.74	0.45	0.34	0.11	0.62	0.01	-0.43	-0.11	0.91	1.09
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.69	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
ADK HUDSON___FALLS	22.91	25.89	24.72	24.34	23.79	24.84	33.35	36.15	26.50	25.97	23.95	25.64	26.58	28.85	21.84	21.46	23.17	23.31	20.29	52.21	56.61	28.07	22.28	19.84
24011	0.38	-0.19	-0.05	0.01	0.03	-0.03	-0.17	-0.07	0.16	0.54	0.46	0.22	0.09	0.16	0.45	0.30	0.25	0.09	0.57	0.02	-0.35	-0.09	0.77	0.96
	-16.08	-29.46	-25.79	-24.07	-23.29	-25.44	-36.41	-37.28	-23.35	-14.42	-14.76	-21.18	-24.68	-25.70	-12.52	-15.59	-18.64	-21.77	-10.92	-52.02	-62.62	-29.70	-8.44	-2.82
ADK RESOURCE___RCVRY	22.97	25.89	24.73	24.36	23.81	24.86	33.37	36.17	26.54	26.03	24.02	25.68	26.62	28.90	21.91	21.52	23.23	23.34	20.38	52.27	56.63	28.08	22.39	19.98
23798	0.42	-0.21	-0.05	0.02	0.03	-0.03	-0.19	-0.08	0.17	0.59	0.52	0.24	0.11	0.18	0.50	0.34	0.29	0.10	0.65	0.02	-0.38	-0.10	0.87	1.10
	-16.09	-29.48	-25.81	-24.09	-23.31	-25.47	-36.45	-37.31	-23.37	-14.44	-14.77	-21.20	-24.70	-25.72	-12.53	-15.61	-18.66	-21.79	-10.93	-52.07	-62.68	-29.73	-8.44	-2.82
ADK S GLENS___FALLS	22.91	25.89	24.72	24.34	23.79	24.84	33.35	36.15	26.50	25.97	23.95	25.64	26.58	28.85	21.84	21.46	23.17	23.31	20.29	52.21	56.61	28.07	22.28	19.84
24028	0.38	-0.19	-0.05	0.01	0.03	-0.03	-0.17	-0.07	0.16	0.54	0.46	0.22	0.09	0.16	0.45	0.30	0.25	0.09	0.57	0.02	-0.35	-0.09	0.77	0.96
	-16.08	-29.46	-25.79	-24.07	-23.29	-25.44	-36.41	-37.28	-23.35	-14.42	-14.76	-21.18	-24.68	-25.70	-12.52	-15.59	-18.64	-21.77	-10.92	-52.02	-62.62	-29.70	-8.44	-2.82
ADK_NYS___DAM	22.22	24.80	23.74	23.41	22.89	23.86	31.97	34.68	25.52	25.26	23.25	24.73	25.49	27.57	21.15	20.66	22.28	22.37	19.54	50.10	54.22	26.90	21.62	19.38
23527	0.30	-0.15	-0.04	0.01	0.02	-0.02	-0.12	-0.06	0.11	0.42	0.35	0.17	0.07	0.11	0.27	0.14	0.11	0.04	0.26	0.00	-0.21	-0.05	0.46	0.61
	-15.46	-28.33	-24.80	-23.15	-22.40	-24.47	-34.98	-35.80	-22.42	-13.83	-14.16	-20.32	-23.61	-24.46	-12.00	-14.95	-17.88	-20.89	-10.48	-49.92	-60.09	-28.50	-8.10	-2.70
AIR_PRODUCTS___DRP	22.16	24.80	23.73	23.41	22.88	23.86	31.94	34.67	25.50	25.23	23.19	24.71	25.56	27.77	21.20	20.72	22.34	22.42	19.61	50.19	54.32	26.95	21.65	19.35
24190	0.25	-0.14	-0.04	0.01	0.02	-0.02	-0.11	-0.04	0.11	0.39	0.31	0.15	0.07	0.11	0.31	0.19	0.15	0.05	0.31	0.00	-0.21	-0.05	0.47	0.58
	-15.46	-28.32	-24.79	-23.14	-22.39	-24.46	-34.94	-35.77	-22.40	-13.84	-14.16	-20.32	-23.68	-24.67	-12.01	-14.96	-17.91	-20.93	-10.50	-50.01	-60.20	-28.55	-8.11	-2.71
AKWESSNE_115KV_BK	6.35	-6.17	-21.05	-20.58	-18.41	-5.70	-2.82	-1.04	2.93	10.79	8.56	4.16	1.77	2.93	8.70	5.45	4.19	1.41	8.62	0.17	-5.54	-1.51	12.86	15.78
355683	-0.11	0.08	0.02	0.00	-0.01	0.01	0.07	0.02	-0.06	-0.22	-0.17	-0.08	-0.04	-0.06	-0.17	-0.11	-0.09	-0.03	-0.18	-0.01	0.13	0.03	-0.21	-0.29
	0.00	2.87	20.05	20.83	18.87	5.14	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	0.00	0.00	0.00
ALBANY___1	22.16	24.80	23.73	23.41	22.88	23.86	31.94	34.67	25.50	25.23	23.19	24.71	25.56	27.77	21.20	20.72	22.34	22.42	19.61	50.19	54.32	26.95	21.65	19.35
23571	0.25	-0.14	-0.04	0.01	0.02	-0.02	-0.11	-0.04	0.11	0.39	0.31	0.15	0.07	0.11	0.31	0.19	0.15	0.05	0.31	0.00	-0.21	-0.05	0.47	0.58
	-15.46	-28.32	-24.79	-23.14	-22.39	-24.46	-34.94	-35.77	-22.40	-13.84	-14.16	-20.32	-23.68	-24.67	-12.01	-14.96	-17.91	-20.93	-10.50	-50.01	-60.20	-28.55	-8.11	-2.71
ALBANY___2	22.16	24.80	23.73	23.41	22.88	23.86	31.94	34.67	25.50	25.23	23.19	24.71	25.56	27.77	21.20	20.72	22.34	22.42	19.61	50.19	54.32	26.95	21.65	19.35
23572	0.25	-0.14	-0.04	0.01	0.02	-0.02	-0.11	-0.04	0.11	0.39	0.31	0.15	0.07	0.11	0.31	0.19	0.15	0.05	0.31	0.00	-0.21	-0.05	0.47	0.58
	-15.46	-28.32	-24.79	-23.14	-22.39	-24.46	-34.94	-35.77	-22.40	-13.84	-14.16	-20.32	-23.68	-24.67	-12.01	-14.96	-17.91	-20.93	-10.50	-50.01	-60.20	-28.55	-8.11	-2.71
ALBANY___3	22.16	24.80	23.73	23.41	22.88	23.86	31.94	34.67	25.50	25.23	23.19	24.71	25.56	27.77	21.20	20.72	22.34	22.42	19.61	50.19	54.32	26.95	21.65	19.35
23573	0.25	-0.14	-0.04	0.01	0.02	-0.02	-0.11	-0.04	0.11	0.39	0.31	0.15	0.07	0.11	0.31	0.19	0.15	0.05	0.31	0.00	-0.21	-0.05	0.47	0.58
	-15.46	-28.32	-24.79	-23.14	-22.39	-24.46	-34.94	-35.77	-22.40	-13.84	-14.16	-20.32	-23.68	-24.67	-12.01	-14.96	-17.91	-20.93	-10.50	-50.01	-60.20	-28.55	-8.11	-2.71

ALBANY___4 23574	22.16 0.25 -15.46	24.80 -0.14 -28.32	23.73 -0.04 -24.79	23.41 0.01 -23.14	22.88 0.02 -22.39	23.86 -0.02 -24.46	31.94 -0.11 -34.94	34.67 -0.04 -35.77	25.50 0.11 -22.40	25.23 0.39 -13.84	23.19 0.31 -14.16	24.71 0.15 -20.32	25.56 0.07 -23.68	27.77 0.11 -24.67	21.20 0.31 -12.01	20.72 0.19 -14.96	22.34 0.15 -17.91	22.42 0.05 -20.93	19.61 0.31 -10.50	50.19 0.00 -50.01	54.32 -0.21 -60.20	26.95 -0.05 -28.55	21.65 0.47 -8.11	19.35 0.58 -2.71
ALBANY___LFGE 323615	22.32 0.28 -15.59	25.04 -0.15 -28.57	23.95 -0.04 -25.01	23.61 0.01 -23.35	23.08 0.02 -22.59	24.08 -0.02 -24.67	32.26 -0.12 -35.27	35.15 -0.04 -36.25	25.94 0.13 -22.82	25.57 0.47 -14.10	23.53 0.38 -14.42	25.13 0.19 -20.70	26.02 0.08 -24.12	28.26 0.13 -25.14	21.49 0.38 -12.24	21.05 0.24 -15.24	22.70 0.19 -18.23	22.81 0.06 -21.30	19.88 0.39 -10.68	51.08 0.01 -50.90	55.34 -0.26 -61.27	27.45 -0.07 -29.06	21.89 0.57 -8.25	19.52 0.70 -2.75
ALCOA_PA_115KV_PL-6C 55860	6.36 -0.09 0.00	-6.08 0.07 2.77	-20.40 0.02 19.40	-19.90 0.00 20.16	-17.80 -0.01 18.26	-5.47 0.01 4.91	-2.83 0.06 0.00	-1.04 0.02 0.00	2.94 -0.06 0.00	10.81 -0.20 0.00	8.57 -0.16 0.00	4.17 -0.07 0.00	1.78 -0.04 0.00	2.93 -0.06 0.00	8.72 -0.15 0.00	5.47 -0.10 0.00	4.20 -0.09 0.00	1.41 -0.03 0.00	8.64 -0.16 0.00	0.17 -0.01 0.00	-5.56 0.11 0.00	-1.52 0.02 0.00	12.93 -0.14 0.00	15.86 -0.21 0.00
ALCOA_RYNLDS___DRP 24188	6.36 -0.09 0.00	-6.08 0.07 2.77	-20.40 0.02 19.40	-19.90 0.00 20.16	-17.80 -0.01 18.26	-5.47 0.01 4.91	-2.83 0.06 0.00	-1.04 0.02 0.00	2.94 -0.06 0.00	10.81 -0.20 0.00	8.57 -0.16 0.00	4.17 -0.07 0.00	1.78 -0.04 0.00	2.93 -0.06 0.00	8.72 -0.15 0.00	5.47 -0.10 0.00	4.20 -0.09 0.00	1.41 -0.03 0.00	8.64 -0.16 0.00	0.17 -0.01 0.00	-5.56 0.11 0.00	-1.52 0.02 0.00	12.93 -0.14 0.00	15.86 -0.21 0.00
ALCOA___DSASP 323711	6.36 -0.09 0.00	-6.08 0.07 2.77	-20.40 0.02 19.40	-19.90 0.00 20.16	-17.80 -0.01 18.26	-5.47 0.01 4.91	-2.83 0.06 0.00	-1.04 0.02 0.00	2.94 -0.06 0.00	10.81 -0.20 0.00	8.57 -0.16 0.00	4.17 -0.07 0.00	1.78 -0.04 0.00	2.93 -0.06 0.00	8.72 -0.15 0.00	5.47 -0.10 0.00	4.20 -0.09 0.00	1.41 -0.03 0.00	8.64 -0.16 0.00	0.17 -0.01 0.00	-5.56 0.11 0.00	-1.52 0.02 0.00	12.93 -0.14 0.00	15.86 -0.21 0.00
ALLEGHENY___COGEN 23514	8.69 0.03 -2.21	0.62 -0.05 -4.05	2.51 -0.01 -3.55	3.57 0.00 -3.31	3.68 0.01 -3.20	2.91 -0.02 -3.50	2.00 -0.11 -5.00	4.01 -0.04 -5.12	6.17 -0.02 -3.20	12.92 -0.07 -1.98	10.71 -0.05 -2.02	7.13 -0.03 -2.91	5.21 0.00 -3.40	6.53 -0.01 -3.55	10.53 -0.06 -1.72	7.79 0.08 -2.14	6.93 0.08 -2.56	4.48 0.04 -3.00	10.41 0.11 -1.50	7.33 -0.01 -7.16	2.74 -0.21 -8.62	2.50 -0.05 -4.09	14.29 0.06 -1.16	16.48 0.03 -0.39
ALTAMONT_115KV_TB 2 55880	22.18 0.23 -15.50	24.89 -0.12 -28.39	23.80 -0.04 -24.85	23.46 0.01 -23.20	22.93 0.02 -22.44	23.98 -0.02 -24.58	33.00 -0.14 -36.03	35.77 -0.05 -36.89	26.23 0.13 -23.11	25.71 0.43 -14.28	23.66 0.33 -14.60	25.36 0.16 -20.96	26.32 0.07 -24.44	28.59 0.11 -25.48	21.60 0.33 -12.39	21.21 0.21 -15.44	22.59 0.15 -18.16	22.48 0.04 -20.98	19.61 0.28 -10.53	50.33 0.01 -50.15	54.50 -0.19 -60.36	27.04 -0.05 -28.63	21.63 0.43 -8.13	19.31 0.53 -2.71
ALTONA_WT_PWR 323606	6.50 0.04 0.00	-6.07 0.14 2.83	-20.80 0.03 19.81	-20.34 -0.01 20.58	-18.20 -0.03 18.64	-7.41 0.03 6.87	-2.79 0.10 0.00	-1.05 0.02 0.00	2.88 -0.11 0.00	10.75 -0.26 0.00	8.61 -0.12 0.00	4.18 -0.06 0.00	1.80 -0.02 0.00	2.94 -0.05 0.00	8.70 -0.17 0.00	5.40 -0.17 0.00	4.13 -0.15 0.00	1.40 -0.05 0.00	8.63 -0.17 0.00	0.16 -0.01 0.00	-5.54 0.13 0.00	-1.53 0.02 0.00	13.07 0.00 0.00	16.15 0.08 0.00
AMERICAN_REF_FUEL 24010	8.25 -0.38 -2.17	0.66 0.06 -3.98	2.48 0.01 -3.49	3.50 -0.01 -3.25	3.61 -0.01 -3.15	2.87 0.01 -3.44	2.08 0.06 -4.92	3.97 0.01 -5.03	5.94 -0.20 -3.15	12.37 -0.58 -1.95	10.26 -0.46 -1.99	6.87 -0.23 -2.86	5.06 -0.09 -3.34	6.32 -0.17 -3.49	9.97 -0.60 -1.69	7.33 -0.35 -2.11	6.55 -0.26 -2.52	4.31 -0.08 -2.94	9.68 -0.60 -1.48	7.19 -0.03 -7.04	3.09 0.29 -8.47	2.56 0.08 -4.02	13.21 -1.00 -1.14	15.34 -1.10 -0.38
ARKWRIGHT___SUMMIT_WT_PWR 323751	8.52 -0.35 -2.41	1.11 0.08 -4.41	2.87 0.03 -3.86	3.85 -0.01 -3.61	3.95 -0.02 -3.49	3.25 0.01 -3.81	2.61 0.05 -5.45	4.51 0.00 -5.57	6.33 -0.15 -3.49	12.82 -0.34 -2.16	10.75 -0.19 -2.21	7.33 -0.08 -3.17	5.49 -0.03 -3.70	6.80 -0.06 -3.87	10.42 -0.33 -1.88	7.69 -0.21 -2.34	6.91 -0.17 -2.79	4.67 -0.04 -3.26	10.07 -0.37 -1.64	7.95 -0.02 -7.80	3.88 0.16 -9.39	2.97 0.06 -4.45	13.54 -0.79 -1.27	15.53 -0.96 -0.42
ARTHUR_KILL_GT_1 23520	19.29 0.39 -12.44	19.22 -0.20 -22.79	18.88 -0.05 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.09 -0.16 -28.14	27.78 -0.05 -28.90	21.36 0.20 -18.17	22.95 0.72 -11.23	20.68 0.56 -11.40	20.89 0.28 -16.37	21.12 0.12 -19.19	23.37 0.21 -20.17	19.20 0.64 -9.69	18.03 0.39 -12.08	19.03 0.31 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.53 0.01 -40.34	42.53 -0.36 -48.56	21.38 -0.11 -23.03	20.55 0.94 -6.54	19.38 1.13 -2.18
ARTHUR_KILL_2 23512	19.27 0.37 -12.44	19.22 -0.19 -22.79	18.88 -0.05 -19.95	18.90 0.01 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.10 -0.15 -28.14	27.79 -0.04 -28.90	21.35 0.19 -18.17	22.93 0.69 -11.23	20.66 0.54 -11.40	20.89 0.27 -16.37	21.12 0.12 -19.19	23.37 0.20 -20.17	19.18 0.61 -9.69	18.02 0.38 -12.08	19.02 0.29 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.01 -40.34	42.54 -0.34 -48.56	21.38 -0.11 -23.03	20.52 0.90 -6.54	19.33 1.09 -2.18
ARTHUR_KILL_3 23513	19.28 0.39 -12.44	19.21 -0.20 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.96 0.73 -11.23	20.70 0.57 -11.40	20.90 0.28 -16.37	21.13 0.13 -19.19	23.37 0.21 -20.17	19.22 0.65 -9.69	18.04 0.39 -12.08	19.02 0.29 -14.45	18.42 0.10 -16.88	17.80 0.53 -8.47	40.52 0.00 -40.34	42.53 -0.37 -48.56	21.40 -0.09 -23.03	20.40 0.79 -6.54	19.17 0.93 -2.18
ARTHUR_KILL_COGEN 323718	19.29 0.39 -12.44	19.22 -0.20 -22.79	18.88 -0.05 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.09 -0.16 -28.14	27.78 -0.05 -28.90	21.36 0.20 -18.17	22.95 0.72 -11.23	20.68 0.56 -11.40	20.89 0.28 -16.37	21.12 0.12 -19.19	23.37 0.21 -20.17	19.20 0.64 -9.69	18.03 0.39 -12.08	19.03 0.31 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.53 0.01 -40.34	42.53 -0.36 -48.56	21.38 -0.11 -23.03	20.55 0.94 -6.54	19.38 1.13 -2.18
ASHOKAN____ 23654	20.49 0.30 -13.74	21.64 -0.15 -25.17	20.97 -0.04 -22.03	20.83 0.01 -20.57	20.39 0.02 -19.90	21.14 -0.02 -21.74	28.03 -0.14 -31.06	30.68 -0.03 -31.78	23.05 0.16 -19.89	23.83 0.53 -12.30	21.67 0.36 -12.58	22.48 0.18 -18.06	22.98 0.08 -21.09	25.18 0.13 -22.06	19.94 0.38 -10.68	19.12 0.25 -13.31	20.41 0.20 -15.92	20.12 0.07 -18.61	18.57 0.44 -9.34	44.66 0.01 -44.48	47.56 -0.31 -53.54	23.77 -0.08 -25.39	21.00 0.72 -7.21	19.31 0.83 -2.41

ASTORIA_EAST_ENERGY_CC1 323581	19.30 0.41 -12.44	19.21 -0.20 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.04 -28.90	21.36 0.20 -18.17	22.97 0.73 -11.23	20.70 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.24 0.67 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.09 -23.03	20.44 0.83 -6.54	19.22 0.96 -2.18
ASTORIA_EAST_ENERGY_CC2 323582	19.30 0.41 -12.44	19.21 -0.20 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.04 -28.90	21.36 0.20 -18.17	22.97 0.73 -11.23	20.70 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.24 0.67 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.09 -23.03	20.44 0.83 -6.54	19.22 0.96 -2.18
ASTORIA_GT2_1 24094	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT2_2 24095	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT2_3 24096	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT2_4 24097	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT3_1 24098	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT3_2 24099	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT3_3 24100	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT3_4 24101	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT4_1 24102	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT4_2 24103	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT4_3 24104	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT4_4 24105	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA_GT_1 23523	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.06 0.42 -12.08	19.05 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.53 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.25 1.00 -2.18

ASTORIA_GT_10 24110	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.59 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.88 -6.54	19.30 1.05 -2.18
ASTORIA_GT_11 24225	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.59 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.88 -6.54	19.30 1.05 -2.18
ASTORIA_GT_12 24226	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.59 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.88 -6.54	19.30 1.05 -2.18
ASTORIA_GT_13 24227	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.59 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.88 -6.54	19.30 1.05 -2.18
ASTORIA_GT_5 24106	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.06 0.42 -12.08	19.05 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.53 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.25 1.00 -2.18
ASTORIA_GT_7 24107	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.06 0.42 -12.08	19.05 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.53 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.25 1.00 -2.18
ASTORIA_GT_8 24108	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.06 0.42 -12.08	19.05 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.53 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.25 1.00 -2.18
ASTORIA___2 24149	19.31 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.98 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.53 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.22 0.97 -2.18
ASTORIA___3 23516	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.59 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.88 -6.54	19.30 1.05 -2.18
ASTORIA___4 23517	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.51 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.88 -6.54	19.31 1.05 -2.18
ASTORIA___5 23518	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.59 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.88 -6.54	19.30 1.05 -2.18
AST_ENERGY_2_CC3 323677	19.30 0.40 -12.44	19.21 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.98 0.75 -11.23	20.72 0.59 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.04 0.40 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.80 0.54 -8.47	40.52 0.00 -40.34	42.52 -0.37 -48.56	21.39 -0.10 -23.03	20.42 0.81 -6.54	19.20 0.95 -2.18
AST_ENERGY_2_CC4 323678	19.30 0.40 -12.44	19.21 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.98 0.75 -11.23	20.72 0.59 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.04 0.40 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.80 0.54 -8.47	40.52 0.00 -40.34	42.52 -0.37 -48.56	21.39 -0.10 -23.03	20.42 0.81 -6.54	19.20 0.95 -2.18
ATHENS_STG_1 23668	20.69 0.24 -14.01	22.16 -0.12 -25.66	21.40 -0.04 -22.46	21.23 0.01 -20.97	20.77 0.02 -20.28	21.56 -0.02 -22.16	28.69 -0.10 -31.67	31.33 -0.03 -32.42	23.41 0.11 -20.31	23.94 0.38 -12.56	21.86 0.30 -12.83	22.81 0.15 -18.42	23.41 0.06 -21.53	25.64 0.10 -22.54	20.09 0.32 -10.90	19.34 0.20 -13.58	20.68 0.15 -16.24	20.48 0.05 -18.98	18.62 0.30 -9.52	45.54 0.01 -45.36	48.73 -0.20 -54.60	24.30 -0.05 -25.90	20.85 0.42 -7.36	19.05 0.52 -2.46
ATHENS_STG_2 23670	20.69 0.24 -14.01	22.16 -0.12 -25.66	21.40 -0.04 -22.46	21.23 0.01 -20.97	20.77 0.02 -20.28	21.56 -0.02 -22.16	28.69 -0.10 -31.67	31.33 -0.03 -32.42	23.41 0.11 -20.31	23.94 0.38 -12.56	21.86 0.30 -12.83	22.81 0.15 -18.42	23.41 0.06 -21.53	25.64 0.10 -22.54	20.09 0.32 -10.90	19.34 0.20 -13.58	20.68 0.15 -16.24	20.48 0.05 -18.98	18.62 0.30 -9.52	45.54 0.01 -45.36	48.73 -0.20 -54.60	24.30 -0.05 -25.90	20.85 0.42 -7.36	19.05 0.52 -2.46

ATHENS_STG_3 23677	20.69 0.24 -14.01	22.16 -0.12 -25.66	21.40 -0.04 -22.46	21.23 0.01 -20.97	20.77 0.02 -20.28	21.56 -0.02 -22.16	28.69 -0.10 -31.67	31.33 -0.03 -32.42	23.41 0.11 -20.31	23.94 0.38 -12.56	21.86 0.30 -12.83	22.81 0.15 -18.42	23.41 0.06 -21.53	25.64 0.10 -22.54	20.09 0.32 -10.90	19.34 0.20 -13.58	20.68 0.15 -16.24	20.48 0.05 -18.98	18.62 0.30 -9.52	45.54 0.01 -45.36	48.73 -0.20 -54.60	24.30 -0.05 -25.90	20.85 0.42 -7.36	19.05 0.52 -2.46
AUBURN____LFGE 323710	8.26 -0.02 -1.83	-0.04 -0.01 -3.35	1.91 0.00 -2.93	2.99 0.00 -2.74	3.12 0.00 -2.65	2.31 -0.01 -2.89	1.21 -0.03 -4.13	3.15 -0.02 -4.23	5.66 0.03 -2.64	12.66 0.02 -1.64	10.45 0.05 -1.67	6.64 -0.01 -2.40	4.63 0.01 -2.81	5.95 0.01 -2.94	10.32 0.02 -1.42	7.34 0.00 -1.77	6.42 0.02 -2.12	3.94 0.01 -2.48	10.09 0.04 -1.24	6.10 0.01 -5.92	1.39 -0.07 -7.13	1.82 -0.02 -3.38	14.09 0.06 -0.96	16.45 0.06 -0.32
BABYLON_RES_REC 323704	19.72 0.58 -12.68	41.07 -0.30 -44.75	19.18 -0.09 -20.28	19.07 0.02 -18.80	21.14 0.04 -20.63	21.44 -0.05 -22.07	38.39 -0.25 -41.53	46.33 -0.09 -47.48	30.79 0.26 -27.54	25.53 0.90 -13.62	23.39 0.75 -13.91	38.13 0.36 -33.53	71.03 0.15 -69.07	31.54 0.22 -28.33	106.59 0.66 -97.05	37.09 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.39 0.61 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.79 -0.11 -42.43	26.19 0.98 -12.14	21.09 1.36 -3.67
BABYLON__69_KV_BK2 356345	19.79 0.65 -12.68	41.03 -0.34 -44.75	19.17 -0.10 -20.29	19.08 0.03 -18.81	21.15 0.05 -20.63	26.58 -0.05 -27.20	53.48 -0.28 -56.65	57.59 -0.10 -58.76	45.15 0.29 -41.88	30.82 1.02 -18.80	23.49 0.85 -13.91	38.18 0.41 -33.53	71.04 0.16 -69.07	31.56 0.25 -28.33	106.67 0.75 -97.05	37.13 0.48 -31.08	33.92 0.36 -29.27	28.96 0.11 -27.40	69.45 0.67 -59.98	52.03 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.31 1.11 -12.14	21.27 1.54 -3.67
BARON_WINDS____WT_PWR 323822	9.26 -0.25 -3.05	2.28 0.07 -5.60	3.91 0.02 -4.90	4.82 0.00 -4.57	4.88 -0.01 -4.43	4.27 0.01 -4.84	4.08 0.05 -6.91	6.02 0.02 -7.07	7.33 -0.08 -4.42	13.48 -0.26 -2.73	11.33 -0.20 -2.80	8.15 -0.11 -4.02	6.48 -0.03 -4.70	7.84 -0.06 -4.91	10.99 -0.26 -2.38	8.37 -0.16 -2.96	7.73 -0.09 -3.54	5.56 -0.03 -4.14	10.65 -0.23 -2.08	10.08 0.01 -9.90	6.38 0.13 -11.91	4.15 0.04 -5.65	14.14 -0.54 -1.60	15.94 -0.66 -0.53
BARRETT_IC_1 23704	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_10 23701	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_11 23702	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_12 23703	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_2 23705	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_3 23706	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_4 23707	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_5 23708	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_6 23709	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_7 23710	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67

BARRETT_IC_8 23711	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT_IC_9 23700	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT___1 23545	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BARRETT___2 23546	19.68 0.54 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.08 0.84 -11.23	23.38 0.74 -13.91	38.14 0.36 -33.54	71.03 0.14 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.08 0.43 -31.08	33.85 0.30 -29.27	28.93 0.09 -27.40	69.35 0.56 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.79 -0.10 -42.43	26.13 0.93 -12.14	21.04 1.31 -3.67
BATAVIA___115KV_TB1 55881	8.40 -0.17 -2.12	0.47 -0.04 -3.88	2.37 -0.01 -3.40	3.42 0.00 -3.17	3.54 0.00 -3.07	2.77 -0.01 -3.35	1.87 -0.03 -4.79	3.81 -0.03 -4.90	5.96 -0.10 -3.06	12.67 -0.23 -1.90	10.48 -0.19 -1.94	6.92 -0.10 -2.79	5.03 -0.04 -3.25	6.33 -0.07 -3.40	10.27 -0.25 -1.65	7.51 -0.11 -2.05	6.66 -0.09 -2.46	4.29 -0.02 -2.87	9.99 -0.25 -1.44	7.02 -0.01 -6.86	2.65 0.06 -8.26	2.40 0.03 -3.92	13.65 -0.53 -1.11	15.90 -0.53 -0.37
BAYONEEC___CTG1 323682	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG10 323750	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG2 323683	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG3 323684	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG4 323685	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG5 323686	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG6 323687	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG7 323688	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG8 323689	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18
BAYONEEC___CTG9 323749	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.23 0.98 -2.18

BEACON___LESR 323632	22.18 0.29 -15.44	24.76 -0.15 -28.29	23.70 -0.04 -24.76	23.38 0.01 -23.12	22.86 0.02 -22.36	23.83 -0.03 -24.43	31.89 -0.13 -34.91	34.61 -0.05 -35.72	25.52 0.16 -22.37	25.30 0.48 -13.82	23.23 0.36 -14.13	24.70 0.17 -20.28	25.53 0.08 -23.63	27.75 0.13 -24.62	21.22 0.36 -11.99	20.73 0.23 -14.94	22.34 0.18 -17.87	22.40 0.06 -20.89	19.69 0.41 -10.48	50.10 0.00 -49.92	54.15 -0.27 -60.09	26.89 -0.07 -28.50	21.73 0.57 -8.10	19.43 0.66 -2.70
BEAVER RIVER___HYD 24048	6.88 -0.16 -0.60	-2.96 0.13 -0.29	-5.64 0.04 4.66	-4.70 -0.01 4.95	-3.97 -0.01 4.42	-0.95 0.02 0.39	-1.48 0.06 -1.34	0.33 0.02 -1.38	3.76 -0.09 -0.86	11.10 -0.44 -0.53	8.88 -0.40 -0.55	4.82 -0.20 -0.78	2.64 -0.09 -0.92	3.80 -0.15 -0.96	8.96 -0.38 -0.46	5.89 -0.26 -0.58	4.77 -0.21 -0.69	2.20 -0.05 -0.81	8.96 -0.25 -0.40	2.08 -0.02 -1.93	-3.26 0.09 -2.32	-0.40 0.04 -1.10	13.15 -0.24 -0.31	15.70 -0.47 -0.10
BEEBEE_GT_13 23619	8.05 -0.15 -1.75	-0.16 0.02 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.00 0.00 -2.53	2.19 0.00 -2.77	1.05 -0.02 -3.96	2.96 -0.03 -4.05	5.46 -0.06 -2.53	12.42 -0.15 -1.57	10.22 -0.11 -1.60	6.48 -0.06 -2.30	4.48 -0.02 -2.69	5.77 -0.04 -2.81	10.09 -0.15 -1.36	7.19 -0.07 -1.69	6.27 -0.05 -2.03	3.80 -0.01 -2.37	9.82 -0.17 -1.19	5.83 -0.01 -5.66	1.19 0.03 -6.82	1.71 0.02 -3.24	13.64 -0.35 -0.92	15.99 -0.39 -0.31
BENSHRST_27_KV_BENSHRST_1 355998	19.35 0.45 -12.44	19.19 -0.23 -22.79	18.87 -0.07 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.06 -0.19 -28.14	27.77 -0.06 -28.90	21.39 0.23 -18.17	23.07 0.84 -11.23	20.79 0.67 -11.40	20.95 0.33 -16.37	21.15 0.14 -19.19	23.41 0.24 -20.17	19.31 0.74 -9.69	18.10 0.46 -12.08	19.08 0.35 -14.45	18.44 0.11 -16.88	17.92 0.65 -8.47	40.52 0.01 -40.34	42.45 -0.44 -48.56	21.37 -0.12 -23.03	20.59 0.98 -6.54	19.42 1.16 -2.18
BETHLEHEM___GRP 23843	22.16 0.25 -15.46	24.80 -0.14 -28.32	23.73 -0.04 -24.79	23.41 0.01 -23.14	22.88 0.02 -22.39	23.86 -0.02 -24.46	31.94 -0.11 -34.94	34.67 -0.04 -35.77	25.50 0.11 -22.40	25.23 0.39 -13.84	23.19 0.31 -14.16	24.71 0.15 -20.32	25.56 0.07 -23.68	27.77 0.11 -24.67	21.20 0.31 -12.01	20.72 0.19 -14.96	22.34 0.15 -17.91	22.42 0.05 -20.93	19.61 0.31 -10.50	50.19 0.00 -50.01	54.32 -0.21 -60.20	26.95 -0.05 -28.55	21.65 0.47 -8.11	19.35 0.58 -2.71
BETHLEHEM___GS1 323560	22.16 0.25 -15.46	24.80 -0.14 -28.32	23.73 -0.04 -24.79	23.41 0.01 -23.14	22.88 0.02 -22.39	23.86 -0.02 -24.46	31.94 -0.11 -34.94	34.67 -0.04 -35.77	25.50 0.11 -22.40	25.23 0.39 -13.84	23.19 0.31 -14.16	24.71 0.15 -20.32	25.56 0.07 -23.68	27.77 0.11 -24.67	21.20 0.31 -12.01	20.72 0.19 -14.96	22.34 0.15 -17.91	22.42 0.05 -20.93	19.61 0.31 -10.50	50.19 0.00 -50.01	54.32 -0.21 -60.20	26.95 -0.05 -28.55	21.64 0.46 -8.11	19.35 0.58 -2.71
BETHLEHEM___GS2 323561	22.16 0.25 -15.46	24.80 -0.14 -28.32	23.73 -0.04 -24.79	23.41 0.01 -23.14	22.88 0.02 -22.39	23.86 -0.02 -24.46	31.94 -0.11 -34.94	34.67 -0.04 -35.77	25.50 0.11 -22.40	25.23 0.39 -13.84	23.19 0.31 -14.16	24.71 0.15 -20.32	25.56 0.07 -23.68	27.77 0.11 -24.67	21.20 0.31 -12.01	20.72 0.19 -14.96	22.34 0.15 -17.91	22.42 0.05 -20.93	19.61 0.31 -10.50	50.19 0.00 -50.01	54.32 -0.21 -60.20	26.95 -0.05 -28.55	21.64 0.46 -8.11	19.35 0.58 -2.71
BETHLEHEM___GS3 323562	22.16 0.25 -15.46	24.80 -0.14 -28.32	23.73 -0.04 -24.79	23.41 0.01 -23.14	22.88 0.02 -22.39	23.86 -0.02 -24.46	31.94 -0.11 -34.94	34.67 -0.04 -35.77	25.50 0.11 -22.40	25.23 0.39 -13.84	23.19 0.31 -14.16	24.71 0.15 -20.32	25.56 0.07 -23.68	27.77 0.11 -24.67	21.20 0.31 -12.01	20.72 0.19 -14.96	22.34 0.15 -17.91	22.42 0.05 -20.93	19.61 0.31 -10.50	50.19 0.00 -50.01	54.32 -0.21 -60.20	26.95 -0.05 -28.55	21.64 0.46 -8.11	19.35 0.58 -2.71
BETHLEHEM___STEEL 23779	8.57 -0.22 -2.33	0.89 0.00 -4.27	2.72 0.00 -3.73	3.74 0.00 -3.48	3.84 -0.01 -3.37	3.11 0.00 -3.68	2.37 -0.01 -5.27	4.30 -0.02 -5.38	6.26 -0.10 -3.37	12.88 -0.20 -2.08	10.72 -0.14 -2.13	7.23 -0.08 -3.06	5.37 -0.02 -3.58	6.68 -0.06 -3.74	10.43 -0.26 -1.81	7.69 -0.14 -2.26	6.89 -0.10 -2.70	4.57 -0.03 -3.16	10.11 -0.27 -1.58	7.71 -0.01 -7.54	3.50 0.09 -9.08	2.80 0.03 -4.31	13.74 -0.55 -1.22	15.85 -0.62 -0.41
BETHLHEM_115KV_TB1 79974	22.15 0.25 -15.45	24.80 -0.13 -28.31	23.73 -0.04 -24.78	23.40 0.01 -23.13	22.87 0.02 -22.38	23.85 -0.02 -24.45	31.93 -0.10 -34.92	34.65 -0.04 -35.75	25.49 0.11 -22.39	25.22 0.38 -13.83	23.18 0.30 -14.15	24.70 0.15 -20.31	25.55 0.06 -23.67	27.76 0.10 -24.66	21.18 0.30 -12.01	20.71 0.19 -14.95	22.33 0.14 -17.90	22.42 0.05 -20.92	19.60 0.30 -10.49	50.18 0.01 -49.99	54.31 -0.20 -60.18	26.95 -0.05 -28.54	21.63 0.45 -8.11	19.34 0.57 -2.71
BETHPAGE_CC_5 323564	19.70 0.56 -12.68	41.08 -0.29 -44.75	19.17 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.40 -0.24 -34.54	41.12 -0.09 -42.27	24.16 0.25 -20.91	23.13 0.89 -11.23	23.38 0.74 -13.91	38.13 0.36 -33.53	71.03 0.15 -69.07	31.54 0.22 -28.33	106.61 0.69 -97.05	37.09 0.44 -31.08	33.87 0.31 -29.27	28.94 0.10 -27.40	69.37 0.58 -59.98	52.03 0.01 -51.85	64.43 -0.41 -70.50	40.79 -0.10 -42.43	26.16 0.95 -12.14	21.06 1.33 -3.67
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	8.64 -0.18 -2.37	0.95 -0.02 -4.34	2.78 0.00 -3.80	3.80 0.00 -3.55	3.90 0.00 -3.43	3.17 0.00 -3.75	2.45 -0.02 -5.36	4.39 -0.03 -5.48	6.34 -0.08 -3.43	13.00 -0.12 -2.12	10.82 -0.08 -2.17	7.31 -0.05 -3.12	5.45 -0.01 -3.64	6.77 -0.04 -3.81	10.52 -0.20 -1.84	7.73 -0.12 -2.28	6.94 -0.08 -2.73	4.62 -0.03 -3.19	10.17 -0.24 -1.60	7.79 -0.01 -7.63	3.58 0.07 -9.18	2.84 0.03 -4.36	13.81 -0.50 -1.24	15.92 -0.56 -0.41
BINGHAMTON___COGEN 23790	10.67 0.04 -4.17	4.21 -0.04 -7.63	5.65 -0.01 -6.68	6.49 0.00 -6.24	6.51 0.01 -6.03	6.01 -0.01 -6.59	6.48 -0.06 -9.42	8.55 -0.02 -9.64	9.08 0.05 -6.03	14.90 0.17 -3.73	12.67 0.12 -3.81	9.76 0.04 -5.48	8.24 0.03 -6.40	9.73 0.04 -6.70	12.22 0.10 -3.24	9.67 0.06 -4.04	9.18 0.06 -4.83	7.11 0.02 -5.65	11.75 0.11 -2.83	13.68 0.02 -13.49	10.49 -0.09 -16.24	6.14 -0.02 -7.70	15.37 0.11 -2.19	16.92 0.13 -0.73
BIXINCNT_115KV_LOAD 355685	8.75 -0.19 -2.48	1.14 -0.03 -4.54	2.96 0.00 -3.98	3.96 -0.01 -3.71	4.06 -0.01 -3.59	3.35 0.00 -3.93	2.72 -0.01 -5.61	4.66 -0.02 -5.74	6.51 -0.07 -3.59	13.18 -0.05 -2.22	11.01 0.01 -2.27	7.48 -0.02 -3.26	5.63 0.00 -3.81	6.96 -0.02 -3.98	10.64 -0.16 -1.93	7.90 -0.07 -2.40	7.11 -0.05 -2.87	4.78 -0.02 -3.35	10.35 -0.14 -1.68	8.18 -0.01 -8.01	4.01 0.03 -9.64	3.05 0.01 -4.57	13.97 -0.40 -1.30	16.04 -0.46 -0.43
BLACK RIVER___HYD 24047	7.09 -0.18 -0.82	-2.30 0.13 -0.95	-3.55 0.04 2.57	-2.57 -0.01 2.81	-2.02 -0.01 2.47	-0.18 0.01 -0.38	-0.98 0.06 -1.86	0.85 0.02 -1.90	4.07 -0.11 -1.19	11.25 -0.49 -0.73	9.03 -0.45 -0.75	5.08 -0.24 -1.08	2.97 -0.11 -1.26	4.14 -0.18 -1.32	9.13 -0.39 -0.64	6.10 -0.26 -0.80	5.02 -0.21 -0.95	2.51 -0.05 -1.11	9.15 -0.21 -0.56	2.81 -0.02 -2.66	-2.41 0.06 -3.20	0.02 0.04 -1.52	13.28 -0.23 -0.43	15.76 -0.45 -0.14

BLACKRVR_115KV_TB2 79977	7.09 -0.18 -0.82	-2.30 0.13 -0.95	-3.55 0.04 2.57	-2.57 -0.01 2.81	-2.02 -0.01 2.47	-0.18 0.01 -0.38	-0.98 0.06 -1.86	0.85 0.02 -1.90	4.07 -0.11 -1.19	11.25 -0.49 -0.73	9.03 -0.45 -0.75	5.08 -0.24 -1.08	2.97 -0.11 -1.26	4.14 -0.18 -1.32	9.13 -0.39 -0.64	6.10 -0.26 -0.80	5.02 -0.21 -0.95	2.51 -0.05 -1.11	9.15 -0.20 -0.56	2.82 -0.02 -2.66	-2.41 0.06 -3.20	0.02 0.04 -1.52	13.28 -0.23 -0.43	15.76 -0.45 -0.14
BLISS_WT_PWR 323608	8.71 -0.23 -2.48	1.15 -0.01 -4.54	2.96 0.00 -3.98	3.96 -0.01 -3.71	4.05 -0.01 -3.59	3.35 0.00 -3.93	2.74 0.02 -5.61	4.67 -0.01 -5.74	6.49 -0.09 -3.59	13.13 -0.10 -2.22	10.99 -0.01 -2.27	7.47 -0.03 -3.26	5.62 0.00 -3.81	6.95 -0.03 -3.98	10.59 -0.21 -1.93	7.88 -0.08 -2.40	7.09 -0.07 -2.87	4.78 -0.02 -3.35	10.33 -0.15 -1.68	8.17 -0.01 -8.01	4.03 0.05 -9.64	3.06 0.02 -4.57	13.91 -0.46 -1.30	15.96 -0.54 -0.43
BLUE_CIRC_CHEM_DRP 24182	21.91 0.26 -15.19	24.31 -0.14 -27.83	23.31 -0.04 -24.37	23.01 0.01 -22.75	22.49 0.02 -22.00	23.44 -0.02 -24.04	31.32 -0.12 -34.32	34.03 -0.04 -35.13	25.11 0.11 -22.00	24.99 0.39 -13.59	22.94 0.31 -13.90	24.35 0.15 -19.96	25.15 0.06 -23.27	27.37 0.11 -24.28	20.98 0.30 -11.80	20.46 0.19 -14.70	22.03 0.15 -17.59	22.07 0.05 -20.57	19.44 0.33 -10.32	49.33 0.01 -49.15	53.28 -0.22 -59.17	26.46 -0.06 -28.06	21.53 0.48 -7.97	19.34 0.61 -2.66
BOC_GAS_DRP 24189	22.09 0.21 -15.42	24.76 -0.11 -28.25	23.68 -0.03 -24.73	23.35 0.01 -23.09	22.82 0.01 -22.34	23.81 -0.02 -24.39	31.85 -0.09 -34.83	34.56 -0.03 -35.65	25.41 0.09 -22.33	25.13 0.32 -13.80	23.10 0.26 -14.11	24.62 0.13 -20.25	25.49 0.06 -23.62	27.72 0.09 -24.64	21.12 0.27 -11.98	20.65 0.17 -14.92	22.27 0.13 -17.86	22.37 0.04 -20.88	19.53 0.26 -10.48	50.08 0.01 -49.90	54.23 -0.17 -60.07	26.90 -0.05 -28.49	21.55 0.38 -8.09	19.25 0.48 -2.70
BOONVILLE_115KV_TB1 79983	6.97 0.00 -0.52	-2.62 0.02 -0.74	-1.67 0.01 0.66	-0.52 0.00 0.78	-0.19 0.00 0.65	-0.09 0.00 -0.48	-1.73 -0.02 -1.18	0.13 -0.01 -1.20	3.74 0.00 -0.75	11.41 -0.06 -0.47	9.14 -0.07 -0.48	4.89 -0.04 -0.68	2.60 -0.02 -0.80	3.80 -0.03 -0.83	9.21 -0.07 -0.41	6.03 -0.04 -0.50	4.86 -0.03 -0.60	2.15 0.00 -0.71	9.19 0.03 -0.35	1.85 -0.01 -1.68	-3.70 -0.06 -2.03	-0.58 0.00 -0.96	13.40 0.05 -0.27	16.12 -0.04 -0.09
BORALEX_4TH_BRANCH 23824	22.22 0.30 -15.46	24.80 -0.15 -28.33	23.74 -0.04 -24.80	23.41 0.01 -23.15	22.89 0.02 -22.40	23.86 -0.02 -24.47	31.97 -0.12 -34.98	34.68 -0.06 -35.80	25.52 0.11 -22.42	25.26 0.42 -13.83	23.25 0.35 -14.16	24.73 0.17 -20.32	25.49 0.07 -23.61	27.57 0.11 -24.46	21.15 0.27 -12.00	20.66 0.14 -14.95	22.28 0.11 -17.88	22.37 0.04 -20.89	19.54 0.26 -10.48	50.10 0.00 -49.92	54.22 -0.21 -60.09	26.90 -0.05 -28.50	21.62 0.46 -8.10	19.38 0.61 -2.70
BOWLINE___1 23526	18.88 0.37 -12.05	18.51 -0.20 -22.08	18.26 -0.05 -19.33	18.32 0.02 -18.05	17.95 0.03 -17.46	18.47 -0.03 -19.07	24.21 -0.16 -27.26	26.69 -0.05 -27.81	20.51 0.18 -17.35	22.39 0.64 -10.74	20.29 0.52 -11.04	20.35 0.26 -15.85	20.51 0.11 -18.58	22.71 0.19 -19.53	18.84 0.58 -9.39	17.62 0.36 -11.69	18.55 0.28 -13.99	17.89 0.09 -16.35	17.50 0.50 -8.20	39.24 0.01 -39.06	41.02 -0.34 -47.02	20.67 -0.09 -22.30	20.12 0.72 -6.33	19.04 0.86 -2.12
BOWLINE___2 23595	18.88 0.37 -12.05	18.51 -0.20 -22.09	18.26 -0.05 -19.33	18.32 0.02 -18.05	17.96 0.03 -17.46	18.47 -0.03 -19.07	24.21 -0.16 -27.26	26.69 -0.05 -27.81	20.51 0.18 -17.35	22.39 0.64 -10.74	20.29 0.52 -11.04	20.35 0.26 -15.86	20.51 0.11 -18.58	22.71 0.19 -19.53	18.84 0.58 -9.39	17.62 0.36 -11.69	18.55 0.28 -13.99	17.89 0.09 -16.35	17.50 0.50 -8.20	39.25 0.01 -39.07	41.02 -0.34 -47.03	20.68 -0.09 -22.30	20.12 0.72 -6.34	19.04 0.86 -2.12
BRADY___115KV_TB2 356060	6.40 -0.05 0.00	-5.93 0.05 2.61	-19.25 0.01 18.24	-18.70 0.00 18.95	-16.71 -0.01 17.17	-5.10 0.01 4.54	-2.85 0.04 0.00	-1.05 0.01 0.00	2.94 -0.05 0.00	10.83 -0.18 0.00	8.59 -0.14 0.00	4.18 -0.06 0.00	1.78 -0.04 0.00	2.94 -0.06 0.00	8.73 -0.14 0.00	5.47 -0.10 0.00	4.20 -0.09 0.00	1.42 -0.03 0.00	8.66 -0.14 0.00	0.16 -0.01 0.00	-5.59 0.08 0.00	-1.53 0.01 0.00	13.02 -0.05 0.00	15.96 -0.11 0.00
BRANSCOMB___SOLAR 323811	22.75 0.33 -15.96	25.70 -0.17 -29.25	24.54 -0.05 -25.60	24.17 0.01 -23.90	23.62 0.03 -23.12	24.66 -0.03 -25.26	33.11 -0.15 -36.14	35.88 -0.06 -37.00	26.30 0.13 -23.17	25.77 0.45 -14.31	23.74 0.37 -14.64	25.43 0.18 -21.02	26.37 0.08 -24.48	28.60 0.13 -25.48	21.65 0.35 -12.42	21.27 0.23 -15.47	22.97 0.19 -18.50	23.12 0.07 -21.61	20.08 0.44 -10.84	51.82 0.01 -51.63	56.19 -0.29 -62.15	27.86 -0.08 -29.48	22.08 0.64 -8.37	19.65 0.79 -2.80
BRENTWOD_69_KV_W. BRTWOOD 56703	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.17 -0.10 -20.29	19.08 0.02 -18.81	21.14 0.05 -20.63	26.72 -0.05 -27.34	53.92 -0.26 -57.08	57.92 -0.09 -59.07	45.53 0.26 -42.28	30.91 0.96 -18.94	23.45 0.81 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.62 0.70 -97.05	37.10 0.45 -31.08	33.90 0.34 -29.27	28.95 0.10 -27.40	69.39 0.60 -59.98	52.03 0.01 -51.85	64.42 -0.42 -70.50	40.78 -0.11 -42.43	26.23 1.02 -12.14	21.19 1.46 -3.67
BRISTLHL_115KV_TB1 79998	7.56 -0.17 -1.28	-0.97 0.07 -2.34	1.05 0.02 -2.05	2.16 0.00 -1.91	2.31 -0.01 -1.85	1.45 0.01 -2.02	0.03 0.04 -2.88	1.89 0.01 -2.95	4.78 -0.06 -1.85	11.93 -0.22 -1.14	9.72 -0.17 -1.17	5.83 -0.09 -1.68	3.74 -0.03 -1.96	4.98 -0.06 -2.05	9.68 -0.18 -0.99	6.69 -0.11 -1.24	5.69 -0.07 -1.48	3.15 -0.02 -1.73	9.51 -0.15 -0.87	4.30 0.00 -4.13	-0.62 0.08 -4.97	0.84 0.03 -2.36	13.48 -0.26 -0.67	16.02 -0.27 -0.22
BROOKHAVEN___DRP 24191	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.22 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.58 -0.05 -56.21	138.92 -0.28 -142.09	121.28 -0.10 -122.45	126.13 0.28 -122.86	60.00 0.98 -48.02	23.45 0.81 -13.91	38.16 0.38 -33.53	71.03 0.15 -69.07	31.53 0.22 -28.33	106.58 0.66 -97.05	37.08 0.43 -31.08	33.89 0.33 -29.27	28.95 0.11 -27.40	69.42 0.63 -59.98	52.03 0.01 -51.85	64.39 -0.45 -70.50	40.78 -0.11 -42.43	26.29 1.06 -12.15	21.19 1.46 -3.67
BROOKLYN_NAVY_YARD 23515	19.30 0.40 -12.44	19.21 -0.20 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.99 0.76 -11.23	20.72 0.59 -11.40	20.91 0.29 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.56 -8.47	40.52 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.44 0.82 -6.54	19.22 0.96 -2.18
BROOKLYN___ARMY_DRP 323595	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.43 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18

BROOKVLE_69_KV_TB1 55790	19.66 0.52 -12.68	41.10 -0.27 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.04 -20.63	19.07 -0.04 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.15 0.24 -20.91	23.12 0.88 -11.23	23.35 0.72 -13.91	38.13 0.36 -33.53	71.03 0.15 -69.07	31.56 0.24 -28.33	106.68 0.76 -97.05	37.11 0.46 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.38 0.60 -59.98	52.03 0.00 -51.85	64.41 -0.43 -70.50	40.79 -0.11 -42.43	26.12 0.91 -12.14	20.97 1.25 -3.67
BROOME_2_LFGE 323671	10.66 0.04 -4.17	4.21 -0.04 -7.63	5.65 -0.01 -6.68	6.49 0.00 -6.24	6.51 0.01 -6.03	6.01 -0.01 -6.59	6.48 -0.06 -9.42	8.55 -0.02 -9.64	9.08 0.06 -6.03	14.90 0.17 -3.73	12.67 0.12 -3.81	9.76 0.04 -5.48	8.24 0.03 -6.40	9.73 0.04 -6.70	12.22 0.10 -3.24	9.67 0.06 -4.04	9.18 0.06 -4.83	7.11 0.02 -5.65	11.75 0.11 -2.83	13.68 0.02 -13.49	10.49 -0.09 -16.24	6.14 -0.02 -7.70	15.37 0.11 -2.19	16.92 0.13 -0.73
BROOME__LFGE 323600	10.66 0.04 -4.17	4.21 -0.04 -7.63	5.65 -0.01 -6.68	6.49 0.00 -6.24	6.51 0.01 -6.03	6.01 -0.01 -6.59	6.48 -0.06 -9.42	8.55 -0.02 -9.64	9.08 0.06 -6.03	14.90 0.17 -3.73	12.67 0.12 -3.81	9.76 0.04 -5.48	8.24 0.03 -6.40	9.73 0.04 -6.70	12.22 0.10 -3.24	9.67 0.06 -4.04	9.18 0.06 -4.83	7.11 0.02 -5.65	11.75 0.11 -2.83	13.68 0.02 -13.49	10.49 -0.09 -16.24	6.14 -0.02 -7.70	15.37 0.11 -2.19	16.92 0.13 -0.73
BROWNFLS_115KV_TB_3_5 80003	6.72 -0.15 -0.42	-4.01 0.12 0.75	-10.93 0.03 9.95	-10.16 -0.01 10.41	-8.94 -0.01 9.39	-2.42 0.02 1.87	-1.87 0.07 -0.95	-0.07 0.02 -0.97	3.51 -0.09 -0.61	10.99 -0.40 -0.38	8.78 -0.34 -0.38	4.62 -0.17 -0.55	2.38 -0.08 -0.64	3.53 -0.14 -0.67	8.83 -0.37 -0.32	5.72 -0.25 -0.41	4.55 -0.21 -0.49	1.95 -0.06 -0.57	8.76 -0.32 -0.28	1.51 -0.02 -1.36	-3.88 0.15 -1.63	-0.72 0.04 -0.77	13.06 -0.23 -0.22	15.73 -0.41 -0.07
BROWNSV1_27_KV_LOAD 356125	19.36 0.47 -12.44	19.18 -0.24 -22.79	18.87 -0.07 -19.95	18.90 0.02 -18.63	18.53 0.03 -18.02	19.08 -0.04 -19.68	25.05 -0.20 -28.14	27.77 -0.06 -28.90	21.40 0.24 -18.17	23.11 0.87 -11.23	20.81 0.69 -11.40	20.95 0.34 -16.37	21.15 0.15 -19.19	23.41 0.24 -20.17	19.33 0.76 -9.69	18.11 0.47 -12.08	19.08 0.35 -14.45	18.44 0.12 -16.88	17.91 0.64 -8.47	40.52 0.01 -40.34	42.45 -0.44 -48.56	21.37 -0.11 -23.03	20.56 0.94 -6.54	19.38 1.13 -2.18
BURROWS__LYONSDAL 23803	6.94 -0.05 -0.53	-2.68 0.05 -0.65	-2.45 0.02 1.45	-1.34 0.00 1.59	-0.93 -0.01 1.39	-0.26 0.00 -0.31	-1.67 0.01 -1.21	0.17 0.00 -1.24	3.73 -0.03 -0.77	11.31 -0.17 -0.48	9.06 -0.16 -0.49	4.86 -0.09 -0.70	2.60 -0.04 -0.82	3.79 -0.07 -0.86	9.13 -0.16 -0.42	5.98 -0.10 -0.52	4.82 -0.08 -0.62	2.15 -0.02 -0.73	9.11 -0.05 -0.36	1.90 -0.01 -1.73	-3.60 -0.02 -2.09	-0.54 0.02 -0.99	13.31 -0.05 -0.28	15.97 -0.18 -0.09
CAITHNESS_CC_1 323624	19.75 0.61 -12.68	41.05 -0.32 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	55.40 -0.05 -56.02	138.39 -0.27 -141.55	120.88 -0.10 -122.04	125.61 0.27 -122.34	59.79 0.95 -47.84	23.43 0.79 -13.91	38.15 0.37 -33.53	71.03 0.15 -69.07	31.53 0.21 -28.33	106.56 0.64 -97.05	37.09 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.41 0.63 -59.98	52.04 0.01 -51.85	64.41 -0.43 -70.50	40.78 -0.11 -42.43	26.25 1.03 -12.15	21.14 1.41 -3.67
CALPINE BETH_PAGE_GT4 24209	19.69 0.55 -12.68	41.09 -0.28 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.04 -20.63	19.07 -0.05 -19.69	31.41 -0.24 -34.54	41.12 -0.08 -42.27	24.16 0.25 -20.91	23.12 0.88 -11.23	23.37 0.73 -13.91	38.13 0.36 -33.53	71.02 0.14 -69.07	31.54 0.22 -28.33	106.61 0.69 -97.05	37.07 0.42 -31.08	33.86 0.30 -29.27	28.94 0.09 -27.40	69.33 0.54 -59.98	52.03 0.00 -51.85	64.45 -0.39 -70.50	40.79 -0.10 -42.43	26.14 0.93 -12.14	21.05 1.33 -3.67
CALPINE_BETH_PAGE_GT_4 323586	19.68 0.55 -12.68	41.09 -0.28 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.04 -20.63	19.07 -0.05 -19.69	31.41 -0.24 -34.54	41.12 -0.08 -42.27	24.16 0.25 -20.91	23.12 0.88 -11.23	23.37 0.73 -13.91	38.13 0.36 -33.53	71.03 0.15 -69.07	31.54 0.22 -28.33	106.60 0.68 -97.05	37.09 0.44 -31.08	33.86 0.30 -29.27	28.94 0.09 -27.40	69.35 0.56 -59.98	52.03 0.01 -51.85	64.45 -0.39 -70.50	40.79 -0.10 -42.43	26.15 0.94 -12.14	21.05 1.32 -3.67
CALPINE_BP_GT1 23823	19.68 0.55 -12.68	41.09 -0.28 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.04 -20.63	19.07 -0.05 -19.69	31.41 -0.24 -34.54	41.12 -0.08 -42.27	24.16 0.25 -20.91	23.12 0.88 -11.23	23.37 0.73 -13.91	38.13 0.36 -33.53	71.03 0.15 -69.07	31.54 0.22 -28.33	106.60 0.68 -97.05	37.09 0.44 -31.08	33.86 0.30 -29.27	28.94 0.09 -27.40	69.35 0.56 -59.98	52.03 0.01 -51.85	64.45 -0.39 -70.50	40.79 -0.10 -42.43	26.15 0.94 -12.14	21.05 1.32 -3.67
CALSPAN__DRP 24200	8.57 -0.22 -2.33	0.89 0.00 -4.27	2.72 0.00 -3.73	3.74 0.00 -3.48	3.84 -0.01 -3.37	3.11 0.00 -3.68	2.37 -0.01 -5.27	4.30 -0.02 -5.38	6.26 -0.10 -3.37	12.88 -0.20 -2.08	10.72 -0.14 -2.13	7.23 -0.08 -3.06	5.37 -0.02 -3.58	6.68 -0.06 -3.74	10.43 -0.26 -1.81	7.69 -0.14 -2.26	6.89 -0.10 -2.70	4.57 -0.03 -3.16	10.11 -0.27 -1.58	7.71 -0.01 -7.54	3.50 0.09 -9.08	2.80 0.03 -4.31	13.74 -0.55 -1.22	15.85 -0.62 -0.41
CALVERTON__SOLAR 323806	19.79 0.66 -12.68	41.03 -0.34 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.66 -0.05 -56.29	139.15 -0.29 -142.33	121.45 -0.11 -122.63	126.37 0.30 -123.08	60.12 1.02 -48.10	23.48 0.83 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.54 0.22 -28.33	106.60 0.67 -97.05	37.12 0.47 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.47 0.69 -59.98	52.04 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.35 1.13 -12.15	21.25 1.52 -3.67
CANDIGU_WT_PWR 323617	9.26 -0.25 -3.05	2.28 0.07 -5.60	3.91 0.02 -4.90	4.82 0.00 -4.57	4.88 -0.01 -4.43	4.27 0.01 -4.84	4.08 0.05 -6.91	6.02 0.02 -7.07	7.33 -0.08 -4.42	13.48 -0.26 -2.73	11.33 -0.20 -2.80	8.15 -0.11 -4.02	6.48 -0.03 -4.70	7.84 -0.06 -4.91	10.99 -0.26 -2.38	8.37 -0.16 -2.96	7.73 -0.09 -3.54	5.56 -0.03 -4.14	10.65 -0.23 -2.08	10.08 0.01 -9.90	6.38 0.13 -11.91	4.15 0.04 -5.65	14.14 -0.54 -1.60	15.94 -0.66 -0.53
CARR STREET_E__SYR 24060	7.72 -0.12 -1.38	-0.80 0.05 -2.53	1.21 0.01 -2.22	2.32 -0.01 -2.07	2.47 -0.01 -2.00	1.62 0.00 -2.18	0.25 0.02 -3.12	2.13 0.00 -3.20	4.96 -0.04 -2.00	12.11 -0.14 -1.24	9.89 -0.11 -1.27	6.00 -0.06 -1.82	3.92 -0.02 -2.12	5.18 -0.04 -2.22	9.84 -0.11 -1.07	6.84 -0.07 -1.34	5.84 -0.04 -1.60	3.31 -0.01 -1.87	9.65 -0.09 -0.94	4.65 0.00 -4.48	-0.24 0.04 -5.39	1.03 0.02 -2.56	13.61 -0.18 -0.73	16.13 -0.18 -0.24
CARTHAGE__PAPER 23857	7.04 -0.15 -0.74	-2.57 0.11 -0.69	-4.36 0.03 3.38	-3.39 -0.01 3.64	-2.77 -0.01 3.23	-0.48 0.01 -0.08	-1.18 0.05 -1.66	0.65 0.01 -1.70	3.96 -0.09 -1.06	11.21 -0.45 -0.66	8.99 -0.41 -0.67	4.99 -0.22 -0.97	2.84 -0.10 -1.13	4.01 -0.16 -1.18	9.08 -0.37 -0.57	6.02 -0.26 -0.71	4.93 -0.20 -0.85	2.39 -0.05 -0.99	9.10 -0.19 -0.50	2.53 -0.02 -2.38	-2.76 0.05 -2.86	-0.15 0.03 -1.36	13.28 -0.18 -0.39	15.79 -0.40 -0.13

CASSADAGA_WT_PWR 323784	8.55 -0.33 -2.42	1.13 0.07 -4.44	2.89 0.02 -3.89	3.87 -0.01 -3.63	3.96 -0.02 -3.51	3.27 0.01 -3.84	2.64 0.04 -5.48	4.54 0.00 -5.61	6.37 -0.13 -3.51	12.92 -0.25 -2.17	10.84 -0.11 -2.22	7.38 -0.05 -3.19	5.52 -0.02 -3.73	6.84 -0.05 -3.90	10.49 -0.27 -1.89	7.73 -0.18 -2.35	6.96 -0.14 -2.81	4.70 -0.03 -3.28	10.13 -0.32 -1.65	8.00 -0.03 -7.85	3.91 0.13 -9.45	2.99 0.05 -4.48	13.62 -0.72 -1.27	15.62 -0.87 -0.43
CE_DUNWOOD___DRP 24194	19.27 0.40 -12.42	19.16 -0.20 -22.75	18.84 -0.06 -19.92	18.86 0.02 -18.59	18.48 0.03 -17.98	19.04 -0.03 -19.65	25.02 -0.17 -28.08	27.73 -0.05 -28.85	21.33 0.19 -18.14	22.92 0.70 -11.21	20.66 0.56 -11.38	20.86 0.27 -16.34	21.08 0.12 -19.15	23.32 0.20 -20.13	19.16 0.61 -9.68	18.00 0.38 -12.05	18.99 0.29 -14.42	18.39 0.09 -16.85	17.78 0.52 -8.45	40.44 0.01 -40.26	42.44 -0.36 -48.46	21.35 -0.09 -22.98	20.36 0.76 -6.53	19.17 0.92 -2.18
CE_MILLWOOD___DRP 24193	19.21 0.39 -12.37	19.08 -0.20 -22.66	18.76 -0.06 -19.84	18.79 0.02 -18.52	18.41 0.03 -17.92	18.97 -0.03 -19.57	24.92 -0.16 -27.97	27.70 -0.05 -28.82	21.29 0.19 -18.11	22.88 0.68 -11.20	20.67 0.54 -11.40	20.89 0.27 -16.38	21.13 0.11 -19.20	23.37 0.19 -20.19	19.17 0.59 -9.70	18.02 0.37 -12.08	19.02 0.28 -14.46	18.43 0.09 -16.89	17.79 0.51 -8.48	40.55 0.01 -40.37	42.58 -0.35 -48.59	21.42 -0.09 -23.05	20.36 0.74 -6.55	19.15 0.90 -2.19
CE_NYC2_DRP 24202	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.49 0.88 -6.54	19.30 1.05 -2.18
CE_NYC_DRP 24195	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.01 0.77 -11.23	20.74 0.61 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.45 0.84 -6.54	19.24 0.99 -2.18
CHAFFEE___LFGE 323603	8.66 -0.20 -2.41	1.02 -0.01 -4.41	2.84 0.00 -3.86	3.85 0.00 -3.60	3.95 -0.01 -3.48	3.23 0.00 -3.81	2.54 -0.02 -5.44	4.48 -0.02 -5.57	6.38 -0.15 -3.48	13.01 -0.15 -2.15	10.83 -0.10 -2.21	7.35 -0.06 -3.17	5.50 -0.01 -3.70	6.82 -0.04 -3.87	10.53 -0.22 -1.87	7.77 -0.12 -2.33	6.98 -0.09 -2.78	4.67 -0.03 -3.25	10.19 -0.24 -1.63	7.93 -0.01 -7.77	3.76 0.07 -9.35	2.92 0.03 -4.43	13.81 -0.52 -1.26	15.90 -0.59 -0.42
CHATEAUG_35_KV_LOAD 355732	6.48 0.02 0.00	-6.01 0.15 2.78	-20.44 0.03 19.46	-19.97 -0.01 20.21	-17.87 -0.03 18.31	-7.44 0.03 6.90	-2.78 0.11 0.00	-1.04 0.02 0.00	2.88 -0.11 0.00	10.71 -0.29 0.00	8.56 -0.17 0.00	4.16 -0.08 0.00	1.78 -0.03 0.00	2.93 -0.06 0.00	8.67 -0.21 0.00	5.38 -0.19 0.00	4.11 -0.17 0.00	1.39 -0.05 0.00	8.60 -0.20 0.00	0.16 -0.01 0.00	-5.51 0.15 0.00	-1.52 0.02 0.00	13.01 -0.06 0.00	16.04 -0.03 0.00
CHATEAUG_WT_PWR 323614	6.48 0.02 0.00	-6.06 0.15 2.83	-20.81 0.03 19.82	-20.35 -0.01 20.59	-18.22 -0.03 18.66	-7.40 0.03 6.86	-2.78 0.11 0.00	-1.04 0.02 0.00	2.87 -0.12 0.00	10.71 -0.30 0.00	8.57 -0.16 0.00	4.16 -0.08 0.00	1.79 -0.03 0.00	2.93 -0.06 0.00	8.67 -0.21 0.00	5.38 -0.19 0.00	4.11 -0.17 0.00	1.39 -0.05 0.00	8.59 -0.21 0.00	0.16 -0.01 0.00	-5.51 0.16 0.00	-1.52 0.02 0.00	13.01 -0.06 0.00	16.06 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	6.48 0.02 0.00	-6.01 0.15 2.78	-20.44 0.03 19.46	-19.97 -0.01 20.21	-17.87 -0.03 18.31	-7.44 0.03 6.90	-2.78 0.11 0.00	-1.04 0.02 0.00	2.87 -0.12 0.00	10.71 -0.29 0.00	8.56 -0.16 0.00	4.16 -0.08 0.00	1.78 -0.03 0.00	2.93 -0.06 0.00	8.67 -0.21 0.00	5.38 -0.19 0.00	4.11 -0.17 0.00	1.39 -0.05 0.00	8.60 -0.20 0.00	0.16 -0.02 0.00	-5.51 0.16 0.00	-1.52 0.02 0.00	13.01 -0.06 0.00	16.04 -0.03 0.00
CHAUTAUQUA___LFGE 323629	8.58 -0.25 -2.37	0.99 0.02 -4.35	2.80 0.01 -3.81	3.81 -0.01 -3.56	3.90 -0.01 -3.44	3.18 0.00 -3.76	2.49 0.01 -5.37	4.41 -0.02 -5.49	6.32 -0.11 -3.44	12.91 -0.22 -2.13	10.78 -0.13 -2.18	7.30 -0.06 -3.12	5.45 -0.01 -3.65	6.77 -0.05 -3.82	10.48 -0.25 -1.85	7.72 -0.15 -2.30	6.93 -0.11 -2.75	4.64 -0.03 -3.22	10.14 -0.28 -1.61	7.85 -0.02 -7.69	3.69 0.10 -9.26	2.88 0.04 -4.39	13.70 -0.61 -1.25	15.76 -0.72 -0.42
CHERRYST_13_KV_LD 356241	19.33 0.43 -12.44	19.19 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.06 -0.19 -28.14	27.78 -0.06 -28.90	21.38 0.22 -18.17	23.05 0.81 -11.23	20.77 0.64 -11.40	20.93 0.32 -16.37	21.14 0.14 -19.19	23.40 0.23 -20.17	19.28 0.71 -9.69	18.08 0.44 -12.08	19.06 0.33 -14.45	18.43 0.11 -16.88	17.86 0.59 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.48 0.87 -6.54	19.29 1.04 -2.18
CHESTROR_138KV_BK263 355645	18.31 0.34 -11.52	17.54 -0.18 -21.10	17.40 -0.05 -18.47	17.51 0.01 -17.24	17.17 0.02 -16.68	17.62 -0.03 -18.22	23.01 -0.14 -26.04	25.44 -0.05 -26.55	19.70 0.16 -16.56	21.83 0.57 -10.25	19.73 0.46 -10.54	19.61 0.23 -15.15	19.66 0.10 -17.75	21.81 0.17 -18.65	18.36 0.52 -8.97	17.05 0.32 -11.17	17.89 0.24 -13.36	17.14 0.08 -15.62	17.08 0.45 -7.83	37.50 0.01 -37.32	38.96 -0.30 -44.92	19.69 -0.08 -21.31	19.75 0.63 -6.05	18.85 0.76 -2.02
CH_MIDHUDSON___DRP 24192	19.46 0.38 -12.63	19.57 -0.19 -23.14	19.18 -0.05 -20.25	19.18 0.02 -18.91	18.79 0.03 -18.29	19.38 -0.03 -19.98	25.51 -0.16 -28.56	28.12 -0.05 -29.23	21.48 0.18 -18.31	22.96 0.63 -11.32	20.80 0.50 -11.57	21.10 0.24 -16.61	21.37 0.11 -19.45	23.60 0.18 -20.42	19.26 0.55 -9.84	18.17 0.35 -12.25	19.20 0.26 -14.66	18.66 0.09 -17.13	17.89 0.50 -8.59	41.11 0.01 -40.93	43.27 -0.33 -49.27	21.74 -0.09 -23.37	20.42 0.71 -6.64	19.15 0.87 -2.22
CH_MISC_IPPS 23765	19.26 0.42 -12.39	19.11 -0.21 -22.70	18.80 -0.06 -19.87	18.83 0.02 -18.56	18.45 0.03 -17.95	19.00 -0.03 -19.61	24.96 -0.18 -28.03	27.56 -0.06 -28.68	21.14 0.20 -17.95	22.82 0.72 -11.11	20.65 0.57 -11.35	20.82 0.28 -16.30	21.03 0.12 -19.10	23.25 0.21 -20.06	19.15 0.63 -9.65	17.98 0.39 -12.02	18.96 0.30 -14.38	18.35 0.10 -16.81	17.80 0.57 -8.43	40.35 0.01 -40.17	42.31 -0.38 -48.35	21.30 -0.10 -22.93	20.39 0.80 -6.51	19.21 0.96 -2.18
CH_RES_BVR_FALLS 23983	6.16 -0.29 0.00	-8.61 0.17 5.40	-38.74 0.05 37.77	-38.99 -0.02 39.23	-35.10 -0.02 35.55	-10.23 0.03 9.69	-2.75 0.14 0.00	-1.01 0.05 0.00	2.86 -0.13 0.00	10.56 -0.45 0.00	8.41 -0.32 0.00	4.10 -0.15 0.00	1.74 -0.07 0.00	2.88 -0.11 0.00	8.53 -0.35 0.00	5.35 -0.22 0.00	4.10 -0.18 0.00	1.39 -0.06 0.00	8.51 -0.29 0.00	0.17 -0.01 0.00	-5.47 0.20 0.00	-1.47 0.07 0.00	12.51 -0.57 0.00	11.15 -0.76 4.16

CH_RES_NIAGARA 23895	8.20 -0.41 -2.16	0.64 0.06 -3.96	2.46 0.02 -3.47	3.49 0.00 -3.23	3.59 -0.02 -3.13	2.86 0.01 -3.42	2.08 0.08 -4.89	3.96 0.03 -5.00	5.94 -0.18 -3.13	12.40 -0.54 -1.94	10.29 -0.42 -1.98	6.84 -0.24 -2.85	5.04 -0.09 -3.32	6.29 -0.18 -3.47	9.96 -0.60 -1.68	7.29 -0.37 -2.10	6.52 -0.27 -2.51	4.29 -0.09 -2.93	9.75 -0.53 -1.47	7.16 -0.02 -7.00	3.08 0.32 -8.43	2.55 0.09 -4.00	13.30 -0.91 -1.14	15.39 -1.06 -0.38
CH_RES_SYRACUSE 23985	7.90 -0.09 -1.53	-0.56 0.03 -2.80	1.44 0.01 -2.44	2.54 0.00 -2.28	2.67 -0.01 -2.21	1.84 0.00 -2.41	0.56 0.00 -3.45	2.46 -0.01 -3.53	5.18 -0.02 -2.21	12.29 -0.08 -1.37	10.08 -0.05 -1.40	6.22 -0.03 -2.01	4.15 -0.01 -2.34	5.43 -0.02 -2.45	9.99 -0.07 -1.19	7.01 -0.04 -1.48	6.03 -0.02 -1.77	3.51 0.00 -2.07	9.79 -0.04 -1.04	5.12 0.00 -4.94	0.29 0.00 -5.95	1.29 0.00 -2.82	13.77 -0.10 -0.80	16.23 -0.10 -0.27
CLINTON_WT_PWR 323605	6.48 0.02 0.00	-6.06 0.15 2.83	-20.81 0.03 19.82	-20.35 -0.01 20.59	-18.22 -0.03 18.66	-7.40 0.03 6.86	-2.78 0.11 0.00	-1.04 0.02 0.00	2.87 -0.12 0.00	10.71 -0.30 0.00	8.57 -0.16 0.00	4.16 -0.08 0.00	1.79 -0.03 0.00	2.93 -0.06 0.00	8.67 -0.21 0.00	5.38 -0.19 0.00	4.11 -0.17 0.00	1.39 -0.05 0.00	8.59 -0.21 0.00	0.16 -0.01 0.00	-5.51 0.16 0.00	-1.52 0.02 0.00	13.01 -0.06 0.00	16.06 0.00 0.00
CLINTON___LFGE 323618	6.53 0.08 0.00	-6.08 0.12 2.82	-20.72 0.02 19.73	-20.25 -0.01 20.49	-18.12 -0.02 18.57	-7.42 0.03 6.87	-2.82 0.07 0.00	-1.06 0.01 0.00	2.90 -0.09 0.00	10.81 -0.19 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.80 -0.01 0.00	2.96 -0.03 0.00	8.75 -0.12 0.00	5.43 -0.14 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.69 -0.11 0.00	0.16 -0.02 0.00	-5.58 0.09 0.00	-1.54 0.00 0.00	13.16 0.09 0.00	16.24 0.17 0.00
COBBLENY_34_KV_TB1 80064	8.66 -0.20 -2.41	1.02 -0.01 -4.41	2.84 0.00 -3.86	3.85 0.00 -3.60	3.95 -0.01 -3.48	3.23 0.00 -3.81	2.54 -0.01 -5.44	4.48 -0.02 -5.57	6.38 -0.09 -3.48	13.01 -0.15 -2.15	10.83 -0.10 -2.21	7.35 -0.06 -3.17	5.50 -0.01 -3.70	6.82 -0.04 -3.87	10.53 -0.22 -1.87	7.77 -0.12 -2.33	6.98 -0.09 -2.78	4.67 -0.03 -3.25	10.19 -0.24 -1.63	7.93 -0.01 -7.77	3.76 0.08 -9.35	2.92 0.03 -4.43	13.81 -0.52 -1.26	15.90 -0.59 -0.42
COFFEEN___115KV_TB3 355620	7.16 -0.14 -0.84	-2.29 0.10 -0.99	-3.42 0.03 2.43	-2.42 -0.01 2.67	-1.88 -0.01 2.34	-0.13 0.01 -0.43	-0.97 0.03 -1.89	0.88 0.01 -1.94	4.11 -0.09 -1.21	11.31 -0.45 -0.75	9.08 -0.42 -0.77	5.11 -0.23 -1.10	2.99 -0.11 -1.29	4.17 -0.17 -1.34	9.19 -0.34 -0.65	6.15 -0.23 -0.81	5.06 -0.19 -0.97	2.54 -0.04 -1.13	9.25 -0.12 -0.57	2.87 -0.01 -2.71	-2.40 0.01 -3.26	0.03 0.02 -1.55	13.39 -0.12 -0.44	15.89 -0.32 -0.15
COLDSPRG_115KV_BK1 355956	8.91 -0.05 -2.50	1.14 -0.07 -4.58	2.98 -0.02 -4.01	4.00 0.00 -3.75	4.10 0.00 -3.63	3.37 -0.02 -3.96	2.68 -0.09 -5.66	4.67 -0.05 -5.79	6.63 0.02 -3.62	13.47 0.23 -2.24	11.22 0.20 -2.29	7.61 0.08 -3.29	5.71 0.05 -3.85	7.08 0.06 -4.02	10.91 0.08 -1.95	8.05 0.05 -2.42	7.24 0.05 -2.90	4.86 0.02 -3.39	10.51 0.01 -1.70	8.26 -0.01 -8.10	3.99 -0.09 -9.75	3.07 -0.02 -4.62	14.23 -0.15 -1.31	16.36 -0.15 -0.44
COLONIE_LFGE___ 323577	22.44 0.27 -15.72	25.28 -0.14 -28.80	24.15 -0.04 -25.21	23.80 0.01 -23.53	23.26 0.02 -22.77	24.28 -0.02 -24.87	32.56 -0.12 -35.57	35.29 -0.05 -36.40	25.89 0.11 -22.79	25.47 0.39 -14.07	23.45 0.32 -14.40	25.06 0.16 -20.66	25.94 0.07 -24.06	28.12 0.11 -25.02	21.38 0.30 -12.21	20.96 0.18 -15.21	22.62 0.14 -18.19	22.75 0.05 -21.25	19.78 0.32 -10.66	50.97 0.01 -50.79	55.25 -0.22 -61.14	27.40 -0.06 -29.00	21.78 0.48 -8.24	19.42 0.61 -2.75
COOPERNY_115KV_TB1 80082	16.10 0.25 -9.39	13.70 -0.13 -17.21	14.01 -0.04 -15.07	14.33 0.01 -14.06	14.10 0.02 -13.60	14.27 -0.02 -14.86	18.24 -0.11 -21.24	20.59 -0.04 -21.70	16.66 0.12 -13.55	19.83 0.44 -8.39	17.68 0.35 -8.60	16.77 0.17 -12.36	16.36 0.07 -14.47	18.31 0.13 -15.20	16.57 0.38 -7.31	14.92 0.24 -9.11	15.37 0.18 -10.90	14.25 0.06 -12.74	15.53 0.34 -6.39	30.62 0.01 -30.44	30.75 -0.22 -36.64	15.78 -0.06 -17.38	18.46 0.45 -4.94	18.27 0.55 -1.65
COPENHAGEN_WT_PWR 323753	7.06 -0.26 -0.86	-2.14 0.17 -1.07	-3.14 0.05 2.18	-2.16 -0.01 2.41	-1.65 -0.02 2.10	-0.03 0.02 -0.52	-0.84 0.09 -1.95	0.96 0.03 -2.00	4.11 -0.13 -1.25	11.19 -0.58 -0.77	9.00 -0.52 -0.79	5.11 -0.27 -1.14	3.02 -0.12 -1.33	4.18 -0.20 -1.39	9.09 -0.46 -0.67	6.09 -0.32 -0.84	5.03 -0.26 -1.00	2.56 -0.06 -1.17	9.08 -0.31 -0.59	2.95 -0.02 -2.80	-2.19 0.11 -3.37	0.11 0.06 -1.60	13.15 -0.38 -0.45	15.58 -0.64 -0.15
CORNELL___ 23752	9.49 0.06 -2.97	2.01 -0.05 -5.44	3.73 -0.01 -4.76	4.70 0.00 -4.44	4.78 0.01 -4.30	4.11 -0.01 -4.69	3.75 -0.07 -6.71	5.77 -0.03 -6.87	7.34 0.05 -4.30	13.78 0.12 -2.65	11.52 0.08 -2.72	8.16 0.02 -3.90	6.39 0.01 -4.56	7.78 0.02 -4.77	11.23 0.04 -2.31	8.48 0.04 -2.88	7.78 0.06 -3.44	5.49 0.03 -4.02	10.98 0.17 -2.02	9.80 0.01 -9.61	5.76 -0.14 -11.57	3.91 -0.03 -5.49	14.81 0.18 -1.56	16.79 0.21 -0.52
CORONAAY_69_KV_TB1 355595	19.69 0.55 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.41 -0.24 -34.54	41.12 -0.09 -42.27	24.16 0.25 -20.91	23.13 0.89 -11.23	23.40 0.75 -13.91	38.15 0.37 -33.53	71.03 0.15 -69.07	31.55 0.23 -28.33	106.65 0.73 -97.05	37.09 0.44 -31.08	33.88 0.33 -29.27	28.94 0.10 -27.40	69.36 0.58 -59.98	52.03 0.01 -51.85	64.41 -0.43 -70.50	40.79 -0.11 -42.43	26.16 0.95 -12.14	21.05 1.32 -3.67
CORTLAND_115KV_TB3 80093	8.93 0.03 -2.45	1.09 -0.03 -4.49	2.91 -0.01 -3.93	3.93 0.00 -3.67	4.03 0.00 -3.55	3.30 -0.01 -3.88	2.61 -0.05 -5.55	4.59 -0.02 -5.68	6.57 0.03 -3.55	13.28 0.09 -2.20	11.03 0.05 -2.25	7.48 0.01 -3.23	5.60 0.01 -3.77	6.95 0.01 -3.94	10.81 0.03 -1.91	7.98 0.03 -2.38	7.17 0.04 -2.85	4.79 0.02 -3.33	10.57 0.10 -1.67	8.13 0.01 -7.95	3.81 -0.09 -9.57	2.98 -0.02 -4.54	14.46 0.10 -1.29	16.61 0.11 -0.43
COXSACKIE___GT 23611	21.45 0.46 -14.54	23.02 -0.24 -26.64	22.23 -0.07 -23.32	22.04 0.02 -21.77	21.56 0.03 -21.06	22.39 -0.04 -23.00	29.75 -0.22 -32.86	32.49 -0.08 -33.63	24.24 0.19 -21.05	24.58 0.57 -13.01	22.44 0.40 -13.31	23.54 0.19 -19.10	24.19 0.08 -22.29	26.43 0.16 -23.27	20.56 0.38 -11.30	19.89 0.25 -14.07	21.33 0.21 -16.84	21.21 0.08 -19.68	19.23 0.56 -9.88	47.23 0.01 -47.05	50.51 -0.45 -56.63	25.20 -0.12 -26.86	21.67 0.97 -7.63	19.78 1.17 -2.55
CPV_VALLEY___CC1 323721	17.51 0.30 -10.76	16.18 -0.15 -19.72	16.20 -0.05 -17.26	16.38 0.01 -16.11	16.08 0.02 -15.59	16.43 -0.02 -17.03	21.32 -0.13 -24.34	23.74 -0.04 -24.85	18.64 0.14 -15.51	21.11 0.50 -9.61	18.99 0.40 -9.85	18.59 0.20 -14.16	18.48 0.09 -16.58	20.57 0.15 -17.43	17.71 0.45 -8.38	16.29 0.28 -10.44	16.99 0.21 -12.49	16.11 0.07 -14.60	16.51 0.39 -7.32	35.06 0.01 -34.88	36.07 -0.25 -41.98	18.31 -0.06 -19.91	19.25 0.52 -5.66	18.58 0.63 -1.89

CPV_VALLEY___CC2 323722	17.51 0.30 -10.76	16.18 -0.15 -19.72	16.20 -0.05 -17.26	16.38 0.01 -16.11	16.08 0.02 -15.59	16.43 -0.02 -17.03	21.32 -0.13 -24.34	23.74 -0.04 -24.85	18.64 0.14 -15.51	21.11 0.50 -9.61	18.99 0.40 -9.85	18.59 0.20 -14.16	18.48 0.09 -16.58	20.57 0.15 -17.43	17.71 0.45 -8.38	16.29 0.28 -10.44	16.99 0.21 -12.49	16.11 0.07 -14.60	16.51 0.39 -7.32	35.06 0.01 -34.88	36.07 -0.25 -41.98	18.31 -0.06 -19.91	19.25 0.52 -5.66	18.58 0.63 -1.89
CRESCENT___HYD 24018	22.44 0.27 -15.72	25.28 -0.14 -28.80	24.15 -0.04 -25.21	23.80 0.01 -23.53	23.26 0.02 -22.77	24.28 -0.02 -24.87	32.56 -0.12 -35.57	35.29 -0.05 -36.40	25.89 0.11 -22.79	25.47 0.39 -14.07	23.45 0.32 -14.40	25.06 0.16 -20.66	25.94 0.07 -24.06	28.12 0.11 -25.02	21.38 0.30 -12.21	20.96 0.18 -15.21	22.62 0.14 -18.19	22.75 0.05 -21.25	19.78 0.32 -10.66	50.97 0.01 -50.79	55.25 -0.22 -61.14	27.40 -0.06 -29.00	21.78 0.48 -8.24	19.42 0.61 -2.75
CRICKET___VALLEY_CC1 323756	19.91 0.32 -13.14	20.54 -0.15 -24.07	20.01 -0.04 -21.07	19.94 0.01 -19.67	19.52 0.02 -19.03	20.19 -0.02 -20.79	26.71 -0.12 -29.71	29.33 -0.04 -30.43	22.20 0.14 -19.07	23.09 0.46 -11.63	21.13 0.36 -12.04	21.71 0.18 -17.29	21.54 0.08 -19.65	22.30 0.13 -19.18	19.54 0.41 -10.25	18.60 0.27 -12.76	19.75 0.20 -15.27	19.36 0.06 -17.85	18.14 0.38 -8.95	42.84 0.02 -42.65	45.44 -0.23 -51.34	22.75 -0.06 -24.35	20.51 0.53 -6.92	19.05 0.67 -2.31
CRICKET___VALLEY_CC2 323757	19.91 0.32 -13.14	20.54 -0.15 -24.07	20.01 -0.04 -21.07	19.94 0.01 -19.67	19.52 0.02 -19.03	20.19 -0.02 -20.79	26.71 -0.12 -29.71	29.33 -0.04 -30.43	22.20 0.14 -19.07	23.09 0.46 -11.63	21.13 0.36 -12.04	21.71 0.18 -17.29	21.54 0.08 -19.65	22.30 0.13 -19.18	19.54 0.41 -10.25	18.60 0.27 -12.76	19.75 0.20 -15.27	19.36 0.06 -17.85	18.14 0.38 -8.95	42.84 0.02 -42.65	45.44 -0.23 -51.34	22.75 -0.06 -24.35	20.51 0.53 -6.92	19.05 0.67 -2.31
CRICKET___VALLEY_CC3 323758	19.91 0.32 -13.14	20.54 -0.15 -24.07	20.01 -0.04 -21.07	19.94 0.01 -19.67	19.52 0.02 -19.03	20.19 -0.02 -20.79	26.71 -0.12 -29.71	29.33 -0.04 -30.43	22.20 0.14 -19.07	23.09 0.46 -11.63	21.13 0.36 -12.04	21.71 0.18 -17.29	21.54 0.08 -19.65	22.30 0.13 -19.18	19.54 0.41 -10.25	18.60 0.27 -12.76	19.75 0.20 -15.27	19.36 0.06 -17.85	18.14 0.38 -8.95	42.84 0.02 -42.65	45.44 -0.23 -51.34	22.75 -0.06 -24.35	20.51 0.53 -6.92	19.05 0.67 -2.31
CRUCIBLE_METL_DRP 24180	7.90 -0.08 -1.53	-0.56 0.03 -2.80	1.44 0.01 -2.44	2.54 0.00 -2.28	2.67 -0.01 -2.21	1.84 0.00 -2.41	0.56 0.00 -3.45	2.46 -0.01 -3.53	5.18 -0.02 -2.21	12.29 -0.08 -1.37	10.08 -0.05 -1.40	6.22 -0.03 -2.01	4.15 -0.01 -2.34	5.43 -0.02 -2.45	9.99 -0.07 -1.19	7.01 -0.04 -1.48	6.03 -0.02 -1.77	3.51 0.00 -2.07	9.79 -0.04 -1.04	5.12 0.00 -4.94	0.29 0.00 -5.95	1.29 0.00 -2.82	13.77 -0.10 -0.80	16.23 -0.10 -0.27
DAHOWA___HYDRO 323763	22.81 0.35 -16.01	25.77 -0.18 -29.33	24.61 -0.05 -25.67	24.23 0.01 -23.97	23.68 0.03 -23.19	24.73 -0.03 -25.33	33.20 -0.16 -36.25	35.98 -0.06 -37.11	26.37 0.14 -23.24	25.84 0.48 -14.35	23.81 0.40 -14.69	25.51 0.19 -21.08	26.45 0.08 -24.55	28.69 0.13 -25.56	21.71 0.38 -12.46	21.33 0.25 -15.52	23.04 0.20 -18.55	23.19 0.07 -21.67	20.15 0.48 -10.87	51.97 0.01 -51.78	56.35 -0.32 -62.33	27.94 -0.08 -29.56	22.15 0.68 -8.40	19.71 0.84 -2.80
DANC___LFGE 323619	7.25 -0.22 -1.01	-1.73 0.13 -1.51	-1.76 0.04 0.78	-0.74 -0.01 0.98	-0.34 -0.02 0.80	0.48 0.02 -1.04	-0.53 0.07 -2.29	1.30 0.02 -2.35	4.35 -0.11 -1.47	11.46 -0.45 -0.91	9.26 -0.40 -0.93	5.37 -0.20 -1.33	3.28 -0.09 -1.56	4.48 -0.15 -1.63	9.31 -0.36 -0.79	6.31 -0.24 -0.98	5.27 -0.19 -1.18	2.77 -0.05 -1.38	9.23 -0.26 -0.69	3.45 -0.01 -3.28	-1.60 0.11 -3.95	0.38 0.05 -1.88	13.27 -0.33 -0.53	15.75 -0.50 -0.18
DANSKAMMER___1 23586	19.26 0.42 -12.39	19.11 -0.21 -22.70	18.80 -0.06 -19.87	18.83 0.02 -18.56	18.45 0.03 -17.95	19.00 -0.03 -19.61	24.96 -0.18 -28.03	27.56 -0.06 -28.68	21.14 0.20 -17.95	22.82 0.72 -11.11	20.65 0.57 -11.35	20.82 0.28 -16.30	21.03 0.12 -19.10	23.25 0.21 -20.06	19.15 0.63 -9.65	17.98 0.39 -12.02	18.96 0.30 -14.38	18.35 0.10 -16.81	17.80 0.57 -8.43	40.35 0.01 -40.17	42.31 -0.38 -48.35	21.30 -0.10 -22.93	20.39 0.80 -6.51	19.21 0.96 -2.18
DANSKAMMER___2 23589	19.26 0.42 -12.39	19.11 -0.21 -22.70	18.80 -0.06 -19.87	18.83 0.02 -18.56	18.45 0.03 -17.95	19.00 -0.03 -19.61	24.96 -0.18 -28.03	27.56 -0.06 -28.68	21.14 0.20 -17.95	22.82 0.72 -11.11	20.65 0.57 -11.35	20.82 0.28 -16.30	21.03 0.12 -19.10	23.25 0.21 -20.06	19.15 0.63 -9.65	17.98 0.39 -12.02	18.96 0.30 -14.38	18.35 0.10 -16.81	17.80 0.57 -8.43	40.35 0.01 -40.17	42.31 -0.38 -48.35	21.30 -0.10 -22.93	20.39 0.80 -6.51	19.21 0.96 -2.18
DANSKAMMER___3 23590	19.26 0.42 -12.39	19.11 -0.21 -22.70	18.80 -0.06 -19.87	18.83 0.02 -18.56	18.45 0.03 -17.95	19.00 -0.03 -19.61	24.96 -0.18 -28.03	27.56 -0.06 -28.68	21.14 0.20 -17.95	22.82 0.72 -11.11	20.65 0.57 -11.35	20.82 0.28 -16.30	21.03 0.12 -19.10	23.25 0.21 -20.06	19.15 0.63 -9.65	17.98 0.39 -12.02	18.96 0.30 -14.38	18.35 0.10 -16.81	17.80 0.57 -8.43	40.35 0.01 -40.17	42.31 -0.38 -48.35	21.30 -0.10 -22.93	20.39 0.80 -6.51	19.21 0.96 -2.18
DANSKAMMER___4 23591	19.26 0.42 -12.39	19.11 -0.21 -22.70	18.80 -0.06 -19.87	18.83 0.02 -18.56	18.45 0.03 -17.95	19.00 -0.03 -19.61	24.96 -0.18 -28.03	27.56 -0.06 -28.68	21.14 0.20 -17.95	22.82 0.72 -11.11	20.65 0.57 -11.35	20.82 0.28 -16.30	21.03 0.12 -19.10	23.25 0.21 -20.06	19.15 0.63 -9.65	17.98 0.39 -12.02	18.96 0.30 -14.38	18.35 0.10 -16.81	17.80 0.57 -8.43	40.35 0.01 -40.17	42.31 -0.38 -48.35	21.30 -0.10 -22.93	20.39 0.80 -6.51	19.21 0.96 -2.18
DANSKAMMER___DIESEL 23592	19.26 0.42 -12.39	19.11 -0.21 -22.70	18.80 -0.06 -19.87	18.83 0.02 -18.56	18.45 0.03 -17.95	19.00 -0.03 -19.61	24.96 -0.18 -28.03	27.56 -0.06 -28.68	21.14 0.20 -17.95	22.83 0.72 -11.11	20.65 0.57 -11.35	20.82 0.28 -16.30	21.03 0.12 -19.10	23.25 0.21 -20.06	19.16 0.63 -9.65	17.98 0.39 -12.02	18.96 0.30 -14.38	18.35 0.10 -16.81	17.80 0.57 -8.43	40.35 0.01 -40.17	42.31 -0.38 -48.35	21.30 -0.10 -22.93	20.39 0.80 -6.51	19.21 0.97 -2.18
DARBY___SOLAR 323810	22.76 0.33 -15.97	25.70 -0.17 -29.25	24.54 -0.05 -25.61	24.17 0.01 -23.91	23.62 0.03 -23.13	24.66 -0.03 -25.26	33.11 -0.15 -36.15	35.88 -0.06 -37.01	26.30 0.14 -23.18	25.79 0.47 -14.31	23.76 0.39 -14.64	25.45 0.19 -21.02	26.38 0.08 -24.48	28.61 0.13 -25.48	21.68 0.38 -12.42	21.29 0.24 -15.48	22.99 0.20 -18.50	23.13 0.07 -21.61	20.10 0.46 -10.84	51.83 0.01 -51.64	56.19 -0.30 -62.16	27.86 -0.08 -29.48	22.09 0.64 -8.37	19.67 0.80 -2.80
DASHVILLE___HYD 23610	19.43 0.35 -12.63	19.58 -0.18 -23.13	19.18 -0.05 -20.25	19.17 0.01 -18.90	18.78 0.03 -18.29	19.38 -0.03 -19.98	25.51 -0.14 -28.55	28.11 -0.04 -29.20	21.45 0.18 -18.28	22.95 0.64 -11.30	20.80 0.51 -11.56	21.10 0.25 -16.60	21.35 0.11 -19.43	23.55 0.18 -20.37	19.29 0.59 -9.83	18.17 0.36 -12.24	19.20 0.27 -14.65	18.65 0.09 -17.12	17.87 0.48 -8.59	41.08 0.01 -40.90	43.25 -0.31 -49.24	21.73 -0.08 -23.35	20.40 0.69 -6.63	19.11 0.83 -2.21

DEERFIELD_69_KV_DEERFIELD LD 355887	19.93 0.79 -12.68	40.95 -0.42 -44.75	19.19 -0.13 -20.33	19.14 0.03 -18.86	21.16 0.06 -20.63	55.77 -0.07 -56.41	139.43 -0.37 -142.69	121.70 -0.14 -122.90	126.79 0.37 -123.43	60.52 1.29 -48.23	23.69 1.04 -13.91	38.26 0.49 -33.53	71.07 0.19 -69.07	31.58 0.26 -28.33	106.77 0.85 -97.05	37.22 0.57 -31.08	34.01 0.45 -29.27	28.99 0.15 -27.40	69.66 0.88 -59.98	52.03 0.01 -51.85	64.22 -0.62 -70.50	40.73 -0.16 -42.43	26.63 1.40 -12.15	21.61 1.88 -3.67
DELAWARE___LFGE 323621	11.84 0.18 -5.20	6.06 -0.10 -9.54	7.30 -0.03 -8.35	8.05 0.01 -7.79	8.02 0.01 -7.54	7.64 -0.02 -8.24	8.79 -0.10 -11.78	10.95 -0.04 -12.05	10.63 0.10 -7.54	16.01 0.34 -4.66	13.77 0.27 -4.77	11.22 0.13 -6.85	9.87 0.05 -8.00	11.45 0.09 -8.37	13.20 0.27 -4.05	10.79 0.17 -5.05	10.46 0.14 -6.04	8.55 0.04 -7.06	12.61 0.27 -3.54	17.04 0.01 -16.86	14.44 -0.19 -20.30	8.04 -0.05 -9.63	16.16 0.36 -2.73	17.41 0.43 -0.91
DERFIELD_115KV_TB7 355931	6.45 0.00 0.00	-3.26 0.00 -0.12	-0.18 0.00 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.89 -0.01 0.00	-1.07 0.00 0.00	2.99 0.00 0.00	11.01 0.00 0.00	8.73 0.00 0.00	4.24 0.00 0.00	1.81 0.00 0.00	3.00 0.00 0.00	8.88 0.00 0.00	5.57 0.00 0.00	4.29 0.00 0.00	1.45 0.00 0.00	8.81 0.01 0.00	0.17 0.00 0.00	-5.68 -0.01 0.00	-1.54 0.00 0.00	13.07 0.00 0.00	16.08 0.01 0.00
DOGLEVILLE___HYD 23807	6.53 0.07 0.00	-3.30 -0.04 -0.12	-0.19 -0.01 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.93 -0.04 0.00	-1.08 -0.02 0.00	3.02 0.03 0.00	11.04 0.03 0.00	8.73 0.00 0.00	4.23 -0.01 0.00	1.81 0.00 0.00	2.98 -0.02 0.00	8.78 -0.09 0.00	5.50 -0.07 0.00	4.25 -0.03 0.00	1.44 -0.01 0.00	8.82 0.02 0.00	0.16 -0.01 0.00	-5.74 -0.06 0.00	-1.56 -0.02 0.00	13.11 0.04 0.00	16.13 0.07 0.00
DUNKIRK___115KV_TB_200 55889	8.58 -0.24 -2.37	0.98 0.02 -4.34	2.79 0.01 -3.80	3.80 -0.01 -3.55	3.89 -0.01 -3.43	3.18 0.00 -3.75	2.48 0.00 -5.36	4.40 -0.02 -5.48	6.31 -0.11 -3.43	12.91 -0.21 -2.12	10.77 -0.13 -2.17	7.30 -0.06 -3.12	5.44 -0.01 -3.64	6.76 -0.05 -3.81	10.47 -0.25 -1.84	7.72 -0.15 -2.30	6.92 -0.11 -2.75	4.63 -0.03 -3.21	10.14 -0.27 -1.61	7.83 -0.01 -7.67	3.66 0.09 -9.24	2.88 0.03 -4.38	13.72 -0.60 -1.25	15.79 -0.70 -0.42
DUNKIRK___1 23563	8.58 -0.24 -2.37	0.98 0.02 -4.34	2.79 0.01 -3.80	3.80 -0.01 -3.55	3.89 -0.01 -3.43	3.18 0.00 -3.75	2.48 0.00 -5.36	4.40 -0.02 -5.48	6.31 -0.11 -3.43	12.91 -0.21 -2.12	10.77 -0.13 -2.17	7.30 -0.06 -3.12	5.44 -0.01 -3.64	6.76 -0.05 -3.81	10.47 -0.25 -1.84	7.72 -0.15 -2.30	6.92 -0.11 -2.75	4.63 -0.03 -3.21	10.14 -0.27 -1.61	7.83 -0.01 -7.67	3.66 0.09 -9.24	2.88 0.03 -4.38	13.72 -0.60 -1.25	15.79 -0.70 -0.42
DUNKIRK___2 23564	8.58 -0.24 -2.37	0.98 0.02 -4.34	2.79 0.01 -3.80	3.80 -0.01 -3.55	3.89 -0.01 -3.43	3.18 0.00 -3.75	2.48 0.00 -5.36	4.40 -0.02 -5.48	6.31 -0.11 -3.43	12.91 -0.21 -2.12	10.77 -0.13 -2.17	7.30 -0.06 -3.12	5.44 -0.01 -3.64	6.76 -0.05 -3.81	10.47 -0.25 -1.84	7.72 -0.15 -2.30	6.92 -0.11 -2.75	4.63 -0.03 -3.21	10.14 -0.27 -1.61	7.83 -0.01 -7.67	3.66 0.09 -9.24	2.88 0.03 -4.38	13.72 -0.60 -1.25	15.79 -0.70 -0.42
DUNKIRK___3 23565	8.56 -0.23 -2.34	0.92 0.01 -4.29	2.74 0.00 -3.75	3.75 0.00 -3.50	3.85 -0.01 -3.39	3.13 0.00 -3.70	2.40 0.00 -5.29	4.33 -0.02 -5.42	6.28 -0.10 -3.39	12.90 -0.20 -2.10	10.75 -0.13 -2.15	7.25 -0.07 -3.08	5.40 -0.01 -3.60	6.71 -0.05 -3.76	10.46 -0.24 -1.82	7.70 -0.14 -2.27	6.90 -0.10 -2.71	4.59 -0.03 -3.17	10.13 -0.27 -1.59	7.74 -0.01 -7.58	3.55 0.09 -9.13	2.82 0.03 -4.33	13.73 -0.57 -1.23	15.83 -0.65 -0.41
DUNKIRK___4 23566	8.56 -0.23 -2.34	0.92 0.01 -4.29	2.74 0.00 -3.75	3.75 0.00 -3.50	3.85 -0.01 -3.39	3.13 0.00 -3.70	2.40 0.00 -5.29	4.33 -0.02 -5.42	6.28 -0.10 -3.39	12.90 -0.20 -2.10	10.75 -0.13 -2.15	7.25 -0.07 -3.08	5.40 -0.01 -3.60	6.71 -0.05 -3.76	10.46 -0.24 -1.82	7.70 -0.14 -2.27	6.90 -0.10 -2.71	4.59 -0.03 -3.17	10.13 -0.27 -1.59	7.74 -0.01 -7.58	3.55 0.09 -9.13	2.82 0.03 -4.33	13.73 -0.57 -1.23	15.83 -0.65 -0.41
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.78 -0.05 -28.90	21.36 0.20 -18.17	22.96 0.73 -11.23	20.70 0.57 -11.40	20.89 0.28 -16.37	21.12 0.12 -19.19	23.37 0.20 -20.17	19.20 0.63 -9.69	18.03 0.39 -12.08	19.02 0.29 -14.45	18.42 0.09 -16.88	17.81 0.54 -8.47	40.52 0.00 -40.34	42.53 -0.37 -48.56	21.40 -0.09 -23.03	20.40 0.78 -6.54	19.20 0.95 -2.18
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.84 0.38 -12.01	18.44 -0.19 -22.01	18.19 -0.05 -19.27	18.26 0.02 -17.99	17.90 0.03 -17.40	18.41 -0.03 -19.01	24.12 -0.16 -27.17	26.66 -0.05 -27.78	20.54 0.18 -17.37	22.40 0.64 -10.75	20.25 0.52 -11.00	20.30 0.25 -15.81	20.43 0.11 -18.51	22.63 0.19 -19.45	18.80 0.57 -9.36	17.57 0.35 -11.66	18.50 0.27 -13.94	17.83 0.09 -16.29	17.48 0.50 -8.17	39.12 0.01 -38.94	40.87 -0.33 -46.87	20.60 -0.09 -22.23	20.10 0.71 -6.31	19.03 0.86 -2.11
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.30 0.40 -12.44	19.21 -0.20 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.97 0.73 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.37 0.21 -20.17	19.22 0.65 -9.69	18.04 0.40 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.55 -8.47	40.52 0.00 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.85 -6.54	19.27 1.02 -2.18
E179THST_13_KV_LOAD 356214	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.38 0.22 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.14 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.43 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.86 0.59 -8.47	40.52 0.00 -40.34	42.48 -0.42 -48.56	21.38 -0.11 -23.03	20.53 0.91 -6.54	19.33 1.08 -2.18
EAST HAMPTON___GT 23717	20.00 0.87 -12.68	40.91 -0.47 -44.75	19.17 -0.14 -20.33	19.15 0.04 -18.86	21.16 0.07 -20.63	55.76 -0.08 -56.42	139.40 -0.41 -142.71	121.69 -0.15 -122.91	126.84 0.41 -123.44	60.67 1.43 -48.23	23.79 1.14 -13.91	38.31 0.54 -33.53	71.08 0.20 -69.07	31.59 0.27 -28.33	106.82 0.90 -97.05	37.29 0.64 -31.08	34.05 0.49 -29.27	29.01 0.16 -27.40	69.79 1.00 -59.98	52.04 0.02 -51.85	64.15 -0.69 -70.50	40.71 -0.18 -42.43	26.78 1.56 -12.15	21.79 2.06 -3.67
EAST RIVER___6 23660	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.14 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.07 0.43 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.52 0.01 -40.34	42.50 -0.40 -48.56	21.39 -0.10 -23.03	20.45 0.84 -6.54	19.25 1.00 -2.18

EAST RIVER___7 23524	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.14 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.07 0.43 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.52 0.01 -40.34	42.50 -0.40 -48.56	21.39 -0.10 -23.03	20.45 0.84 -6.54	19.25 1.00 -2.18
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.27 0.40 -12.42	19.16 -0.20 -22.75	18.84 -0.06 -19.92	18.86 0.02 -18.59	18.48 0.03 -17.98	19.04 -0.03 -19.65	25.02 -0.17 -28.08	27.73 -0.05 -28.85	21.33 0.19 -18.14	22.92 0.70 -11.21	20.66 0.56 -11.38	20.86 0.27 -16.34	21.08 0.12 -19.15	23.32 0.20 -20.13	19.16 0.61 -9.68	18.00 0.38 -12.05	18.99 0.29 -14.42	18.39 0.09 -16.85	17.78 0.52 -8.45	40.44 0.01 -40.26	42.44 -0.36 -48.46	21.35 -0.09 -22.98	20.36 0.76 -6.53	19.17 0.92 -2.18
EAST_HAMPTON___DIESEL 23722	20.00 0.87 -12.68	40.91 -0.47 -44.75	19.17 -0.14 -20.33	19.15 0.04 -18.86	21.16 0.07 -20.63	55.76 -0.08 -56.41	139.40 -0.41 -142.71	121.69 -0.15 -122.91	126.84 0.41 -123.44	60.67 1.44 -48.23	23.79 1.15 -13.91	38.31 0.54 -33.53	71.08 0.20 -69.07	31.59 0.27 -28.33	106.82 0.90 -97.05	37.29 0.64 -31.08	34.05 0.49 -29.27	29.01 0.16 -27.40	69.79 1.00 -59.98	52.04 0.02 -51.85	64.14 -0.69 -70.50	40.71 -0.18 -42.43	26.79 1.56 -12.15	21.79 2.06 -3.67
EAST_PULASKI___ESR 323781	7.43 -0.19 -1.17	-1.33 0.09 -1.95	-0.37 0.03 -0.61	0.69 -0.01 -0.44	0.97 -0.01 -0.51	0.96 0.01 -1.52	-0.21 0.05 -2.63	1.64 0.01 -2.69	4.60 -0.08 -1.69	11.72 -0.32 -1.04	9.52 -0.28 -1.07	5.63 -0.14 -1.53	3.54 -0.06 -1.79	4.77 -0.10 -1.87	9.52 -0.26 -0.91	6.53 -0.17 -1.13	5.51 -0.12 -1.35	2.99 -0.04 -1.58	9.38 -0.21 -0.79	3.94 -0.01 -3.77	-1.02 0.10 -4.54	0.65 0.03 -2.15	13.39 -0.29 -0.61	15.91 -0.36 -0.20
EAST_RIVER___1 323558	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.01 0.77 -11.23	20.74 0.61 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.45 0.84 -6.54	19.24 0.99 -2.18
EAST_RIVER___2 323559	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.14 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.07 0.43 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.52 0.01 -40.34	42.50 -0.40 -48.56	21.39 -0.10 -23.03	20.45 0.84 -6.54	19.25 1.00 -2.18
EAST___DELAWARE_HYD 23607	18.07 0.51 -11.11	16.70 -0.27 -20.36	16.72 -0.08 -17.82	16.91 0.02 -16.63	16.60 0.04 -16.09	16.96 -0.05 -17.58	21.99 -0.24 -25.12	24.54 -0.08 -25.68	19.30 0.25 -16.06	21.86 0.92 -9.94	19.63 0.73 -10.17	19.20 0.35 -14.61	19.07 0.15 -17.11	21.18 0.23 -17.95	18.13 0.61 -8.65	16.71 0.36 -10.77	17.46 0.29 -12.89	16.61 0.10 -15.07	16.92 0.56 -7.56	36.18 0.01 -36.00	37.28 -0.38 -43.33	18.91 -0.10 -20.55	19.71 0.80 -5.84	18.96 0.94 -1.95
EIGHT_POINT___WT_PWR 323820	8.87 -0.21 -2.63	1.54 0.10 -4.81	3.23 0.04 -4.21	4.18 -0.01 -3.93	4.26 -0.01 -3.81	3.60 0.01 -4.16	3.09 0.04 -5.94	5.03 0.02 -6.08	6.73 -0.06 -3.80	13.13 -0.23 -2.35	10.99 -0.15 -2.41	7.63 -0.06 -3.46	5.83 -0.02 -4.04	7.15 -0.07 -4.22	10.68 -0.24 -2.05	8.05 -0.06 -2.55	7.33 0.00 -3.05	5.01 0.00 -3.56	10.42 -0.16 -1.79	8.66 -0.02 -8.51	4.58 0.00 -10.24	3.34 0.02 -4.86	13.94 -0.51 -1.38	15.84 -0.69 -0.46
ELBRIDGE_115KV_TB2 80188	7.95 -0.11 -1.60	-0.41 0.04 -2.93	1.56 0.01 -2.57	2.65 -0.01 -2.40	2.78 -0.01 -2.32	1.96 0.00 -2.53	0.75 0.01 -3.62	2.64 0.00 -3.70	5.28 -0.03 -2.32	12.32 -0.12 -1.43	10.11 -0.09 -1.47	6.29 -0.05 -2.11	4.26 -0.02 -2.46	5.54 -0.03 -2.57	10.02 -0.10 -1.24	7.05 -0.07 -1.55	6.10 -0.04 -1.86	3.61 -0.01 -2.17	9.80 -0.09 -1.09	5.36 0.00 -5.19	0.60 0.03 -6.24	1.43 0.01 -2.96	13.77 -0.15 -0.84	16.19 -0.16 -0.28
ELEC_TRO_TEK 24086	19.66 0.52 -12.68	41.10 -0.27 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.07 0.83 -11.23	23.34 0.70 -13.91	38.12 0.35 -33.53	71.02 0.14 -69.07	31.54 0.22 -28.33	106.60 0.68 -97.05	37.06 0.41 -31.08	33.86 0.30 -29.27	28.94 0.09 -27.40	69.33 0.55 -59.98	52.03 0.01 -51.85	64.44 -0.39 -70.50	40.79 -0.10 -42.43	26.08 0.88 -12.14	20.95 1.22 -3.67
ELLENBURG_WT_PWR 323604	6.48 0.02 0.00	-6.06 0.15 2.83	-20.81 0.03 19.82	-20.35 -0.01 20.59	-18.22 -0.03 18.66	-7.40 0.03 6.86	-2.78 0.11 0.00	-1.04 0.02 0.00	2.87 -0.12 0.00	10.71 -0.30 0.00	8.57 -0.16 0.00	4.16 -0.08 0.00	1.79 -0.03 0.00	2.93 -0.06 0.00	8.67 -0.21 0.00	5.38 -0.19 0.00	4.11 -0.17 0.00	1.39 -0.05 0.00	8.59 -0.21 0.00	0.16 -0.01 0.00	-5.51 0.16 0.00	-1.52 0.02 0.00	13.01 -0.06 0.00	16.06 0.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	8.48 -0.25 -2.28	0.80 0.01 -4.17	2.64 0.00 -3.65	3.66 0.00 -3.41	3.76 -0.01 -3.30	3.03 0.00 -3.60	2.26 0.00 -5.15	4.18 -0.02 -5.26	6.17 -0.12 -3.29	12.78 -0.26 -2.04	10.62 -0.19 -2.08	7.13 -0.10 -2.99	5.28 -0.03 -3.50	6.58 -0.07 -3.66	10.33 -0.31 -1.77	7.60 -0.17 -2.21	6.80 -0.12 -2.64	4.49 -0.04 -3.08	10.02 -0.33 -1.55	7.53 -0.01 -7.37	3.33 0.12 -8.87	2.71 0.04 -4.21	13.64 -0.63 -1.20	15.76 -0.70 -0.40
EMPIRE_CC_1 323656	21.58 0.19 -14.94	23.88 -0.11 -27.37	22.91 -0.03 -23.96	22.63 0.01 -22.37	22.12 0.01 -21.64	23.05 -0.02 -23.64	30.83 -0.07 -33.78	33.49 -0.02 -34.58	24.71 0.07 -21.65	24.62 0.26 -13.36	22.62 0.21 -13.68	23.97 0.10 -19.63	24.68 0.04 -22.82	26.75 0.07 -23.69	20.67 0.20 -11.60	20.12 0.11 -14.44	21.65 0.09 -17.28	21.67 0.03 -20.19	19.11 0.18 -10.13	48.43 0.01 -48.25	52.29 -0.12 -58.08	25.97 -0.03 -27.55	21.19 0.30 -7.82	19.06 0.39 -2.61
EMPIRE_CC_2 323658	21.58 0.19 -14.94	23.88 -0.11 -27.37	22.91 -0.03 -23.96	22.63 0.01 -22.37	22.12 0.01 -21.64	23.05 -0.02 -23.64	30.83 -0.07 -33.78	33.49 -0.02 -34.58	24.71 0.07 -21.65	24.62 0.26 -13.36	22.62 0.21 -13.68	23.97 0.10 -19.63	24.68 0.04 -22.82	26.75 0.07 -23.69	20.67 0.20 -11.60	20.12 0.11 -14.44	21.65 0.09 -17.28	21.67 0.03 -20.19	19.11 0.18 -10.13	48.43 0.01 -48.25	52.29 -0.12 -58.08	25.97 -0.03 -27.55	21.19 0.30 -7.82	19.06 0.39 -2.61
ENORWICH_115KV_TB1 80156	10.66 0.28 -3.93	3.67 -0.15 -7.20	5.24 -0.04 -6.30	6.15 0.01 -5.88	6.19 0.02 -5.69	5.61 -0.03 -6.22	5.82 -0.18 -8.89	7.95 -0.08 -9.09	8.82 0.14 -5.69	14.91 0.38 -3.52	12.56 0.23 -3.60	9.50 0.08 -5.17	7.90 0.04 -6.04	9.38 0.07 -6.32	12.12 0.19 -3.06	9.51 0.13 -3.81	8.99 0.15 -4.56	6.83 0.06 -5.33	11.91 0.44 -2.67	12.92 0.02 -12.73	9.27 -0.38 -15.32	5.64 -0.09 -7.27	15.72 0.58 -2.06	17.42 0.67 -0.69

ERIE_ST__34_KV_TB1-2 80199	8.66	0.92	2.76	3.78	3.88	3.15	2.40	4.36	6.34	13.05	10.84	7.30	5.43	6.76	10.56	7.78	6.97	4.63	10.22	7.79	3.55	2.83	13.92	16.06
	-0.15	-0.03	0.00	0.00	0.00	-0.01	-0.04	-0.03	-0.05	-0.07	-0.05	-0.04	0.00	-0.02	-0.15	-0.07	-0.05	-0.01	-0.18	-0.01	0.04	0.01	-0.39	-0.42
	-2.36	-4.32	-3.78	-3.53	-3.41	-3.73	-5.33	-5.45	-3.41	-2.11	-2.16	-3.10	-3.62	-3.79	-1.83	-2.28	-2.73	-3.19	-1.60	-7.63	-9.18	-4.36	-1.24	-0.41
ERIE_WT_PWR 323693	8.58	0.88	2.72	3.74	3.84	3.11	2.36	4.30	6.26	12.88	10.72	7.23	5.37	6.68	10.43	7.70	6.89	4.58	10.11	7.70	3.50	2.80	13.75	15.86
	-0.20	0.00	0.00	0.00	0.00	0.00	-0.01	-0.03	-0.10	-0.21	-0.14	-0.07	-0.02	-0.06	-0.25	-0.13	-0.10	-0.03	-0.28	-0.02	0.09	0.03	-0.55	-0.62
	-2.33	-4.27	-3.73	-3.48	-3.37	-3.68	-5.27	-5.38	-3.37	-2.08	-2.13	-3.06	-3.58	-3.74	-1.81	-2.26	-2.70	-3.16	-1.58	-7.54	-9.08	-4.31	-1.22	-0.41
ESPRGFLD_115KV_TB1 80157	4.58	-7.39	-4.45	-2.90	-2.57	-3.94	-7.76	-5.94	0.12	9.63	7.18	1.66	-1.35	-0.32	7.59	3.76	2.03	-1.35	7.76	-6.65	-14.17	-5.52	12.52	16.34
	0.25	-0.13	-0.04	0.01	0.02	-0.03	-0.13	-0.05	0.14	0.49	0.36	0.17	0.07	0.11	0.35	0.22	0.18	0.07	0.40	0.01	-0.27	-0.07	0.56	0.64
	2.11	3.87	3.39	3.17	3.06	3.34	4.74	4.83	3.01	1.87	1.91	2.75	3.23	3.42	1.63	2.03	2.44	2.86	1.44	6.84	8.23	3.90	1.11	0.37
ETNA_115_KV_TB1_REV_LBMP_C 345029	9.47	2.00	3.72	4.69	4.76	4.10	3.74	5.75	7.32	13.77	11.51	8.15	6.37	7.77	11.22	8.47	7.77	5.48	10.97	9.77	5.73	3.90	14.79	16.78
	0.06	-0.04	-0.01	0.00	0.01	-0.01	-0.06	-0.03	0.05	0.11	0.07	0.01	0.01	0.02	0.04	0.04	0.05	0.03	0.15	0.01	-0.13	-0.03	0.17	0.19
	-2.96	-5.42	-4.74	-4.43	-4.28	-4.68	-6.69	-6.85	-4.28	-2.65	-2.71	-3.89	-4.55	-4.75	-2.30	-2.87	-3.43	-4.01	-2.01	-9.58	-11.53	-5.47	-1.55	-0.52
ETNA____115KV_TB2 80207	9.47	2.00	3.72	4.69	4.76	4.10	3.74	5.75	7.32	13.77	11.51	8.15	6.37	7.77	11.22	8.47	7.77	5.48	10.97	9.77	5.73	3.90	14.79	16.78
	0.06	-0.04	-0.01	0.00	0.01	-0.01	-0.06	-0.03	0.05	0.11	0.07	0.01	0.01	0.02	0.04	0.04	0.05	0.03	0.15	0.01	-0.13	-0.03	0.17	0.19
	-2.96	-5.42	-4.74	-4.43	-4.28	-4.68	-6.69	-6.85	-4.28	-2.65	-2.71	-3.89	-4.55	-4.75	-2.30	-2.87	-3.43	-4.01	-2.01	-9.58	-11.53	-5.47	-1.55	-0.52
EUCLID____115KV_TB2 356179	7.62	-0.91	1.11	2.22	2.36	1.51	0.11	1.98	4.84	11.99	9.77	5.89	3.80	5.05	9.73	6.74	5.74	3.21	9.55	4.43	-0.47	0.91	13.51	16.04
	-0.15	0.06	0.02	0.00	-0.01	0.01	0.03	0.01	-0.05	-0.19	-0.16	-0.08	-0.03	-0.05	-0.17	-0.10	-0.07	-0.02	-0.15	0.00	0.07	0.02	-0.25	-0.26
	-1.31	-2.41	-2.11	-1.97	-1.91	-2.08	-2.97	-3.04	-1.90	-1.17	-1.20	-1.73	-2.02	-2.11	-1.02	-1.27	-1.52	-1.78	-0.89	-4.25	-5.12	-2.43	-0.69	-0.23
E_CANADA_CAP_HY 24051	26.18	31.98	30.03	29.31	28.59	30.09	40.87	43.84	31.31	28.99	26.96	30.00	31.71	34.24	24.37	24.64	26.99	27.81	22.45	63.00	69.62	34.23	23.98	20.31
	0.33	-0.18	-0.05	0.01	0.03	-0.03	-0.16	-0.06	0.16	0.58	0.43	0.20	0.08	0.12	0.39	0.25	0.20	0.08	0.47	0.01	-0.31	-0.09	0.73	0.85
	-19.40	-35.53	-31.11	-29.04	-28.09	-30.69	-43.92	-44.96	-28.16	-17.40	-17.80	-25.56	-29.82	-31.12	-15.12	-18.83	-22.50	-26.28	-13.18	-62.81	-75.60	-35.86	-10.18	-3.40
E_CANADA_MHWK_HY 24050	6.53	-3.30	-0.19	1.12	1.26	-0.36	-2.93	-1.08	3.02	11.04	8.73	4.23	1.81	2.98	8.78	5.50	4.25	1.44	8.82	0.16	-5.74	-1.56	13.11	16.13
	0.07	-0.04	-0.01	0.00	0.00	0.00	-0.04	-0.02	0.03	0.03	0.00	-0.01	0.00	-0.02	-0.09	-0.07	-0.03	-0.01	0.02	-0.01	-0.06	-0.02	0.04	0.07
	0.00	-0.12	-0.84	-0.87	-0.79	-0.21	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	0.00	0.00	0.00
E_FISHKILL____LBMP 23776	19.49	19.68	19.27	19.26	18.87	19.47	25.65	28.27	21.57	22.99	20.82	21.17	21.48	23.73	19.28	18.21	19.26	18.74	17.90	41.31	43.54	21.86	20.40	19.10
	0.35	-0.18	-0.05	0.01	0.03	-0.03	-0.15	-0.05	0.17	0.60	0.47	0.23	0.10	0.17	0.52	0.33	0.25	0.08	0.46	0.01	-0.30	-0.08	0.66	0.80
	-12.69	-23.24	-20.34	-18.99	-18.38	-20.07	-28.69	-29.38	-18.41	-11.39	-11.62	-16.69	-19.56	-20.57	-9.89	-12.31	-14.73	-17.21	-8.63	-41.13	-49.51	-23.48	-6.67	-2.23
FALCON____SEABRD_CC1 323796	6.54	-6.09	-20.78	-20.30	-18.16	-7.42	-2.82	-1.06	2.91	10.84	8.69	4.21	1.81	2.96	8.76	5.44	4.16	1.41	8.69	0.16	-5.58	-1.54	13.16	16.25
	0.09	0.11	0.02	-0.01	-0.02	0.03	0.06	0.01	-0.08	-0.16	-0.04	-0.03	-0.01	-0.03	-0.11	-0.13	-0.12	-0.04	-0.11	-0.01	0.09	0.00	0.09	0.18
	0.00	2.83	19.78	20.54	18.61	6.87	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	0.00	0.00	0.00
FALCON____SEABRD_CC2 323797	6.54	-6.09	-20.78	-20.30	-18.16	-7.42	-2.82	-1.06	2.91	10.84	8.69	4.21	1.81	2.96	8.76	5.44	4.16	1.41	8.69	0.16	-5.58	-1.54	13.16	16.25
	0.09	0.11	0.02	-0.01	-0.02	0.03	0.06	0.01	-0.08	-0.16	-0.04	-0.03	-0.01	-0.03	-0.11	-0.13	-0.12	-0.04	-0.11	-0.01	0.09	0.00	0.09	0.18
	0.00	2.83	19.78	20.54	18.61	6.87	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	0.00	0.00	0.00
FAR ROCKAWAY____4 23548	19.74	41.06	19.17	19.07	21.14	19.07	31.38	41.11	24.18	23.21	23.46	38.18	71.04	31.57	106.73	37.12	33.92	28.95	69.36	52.04	64.37	40.77	26.26	21.17
	0.60	-0.31	-0.09	0.02	0.04	-0.05	-0.27	-0.10	0.28	0.98	0.83	0.41	0.16	0.25	0.81	0.47	0.36	0.10	0.58	0.01	-0.48	-0.12	1.06	1.44
	-12.68	-44.75	-20.28	-18.79	-20.63	-19.69	-34.54	-42.27	-20.91	-11.23	-13.91	-33.53	-69.07	-28.33	-97.05	-31.08	-29.27	-27.40	-59.98	-51.85	-70.50	-42.43	-12.14	-3.67
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.32	19.20	18.87	18.90	18.52	19.08	25.07	27.78	21.37	23.02	20.75	20.92	21.13	23.39	19.25	18.06	19.04	18.43	17.84	40.52	42.50	21.39	20.46	19.26
	0.42	-0.22	-0.06	0.02	0.03	-0.03	-0.18	-0.05	0.21	0.78	0.62	0.30	0.13	0.22	0.68	0.42	0.31	0.10	0.57	0.00	-0.39	-0.10	0.85	1.01
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.68	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.32	19.20	18.87	18.90	18.52	19.08	25.07	27.78	21.38	23.02	20.75	20.92	21.14	23.39	19.25	18.06	19.04	18.43	17.84	40.52	42.50	21.39	20.47	19.27
	0.43	-0.22	-0.06	0.02	0.03	-0.03	-0.18	-0.05	0.21	0.79	0.62	0.31	0.13	0.22	0.68	0.41	0.31	0.10	0.57	0.01	-0.40	-0.10	0.85	1.02
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.68	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.32	19.20	18.87	18.90	18.52	19.08	25.07	27.78	21.38	23.01	20.74	20.92	21.13	23.39	19.25	18.06	19.04	18.43	17.84	40.52	42.50	21.39	20.45	19.25
	0.42	-0.22	-0.06	0.02	0.03	-0.03	-0.18	-0.05	0.21	0.78	0.61	0.30	0.13	0.22	0.68	0.42	0.31	0.10	0.57	0.00	-0.39	-0.10	0.84	1.00
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.68	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18

FARRAGUT___LBMP 323566	19.31 0.41 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.77 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.51 -0.39 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
FENNER___WINDPWR 24204	8.15 0.02 -1.68	-0.33 -0.02 -3.07	1.67 0.00 -2.69	2.77 0.00 -2.51	2.91 0.00 -2.43	2.08 -0.01 -2.65	0.86 -0.04 -3.79	2.80 -0.02 -3.88	5.43 0.01 -2.43	12.55 0.05 -1.50	10.28 0.01 -1.54	6.45 0.00 -2.21	4.40 0.00 -2.58	5.70 0.01 -2.70	10.20 0.02 -1.30	7.23 0.03 -1.63	6.26 0.03 -1.95	3.73 0.02 -2.27	10.05 0.11 -1.14	5.61 0.00 -5.43	0.79 -0.08 -6.54	1.54 -0.02 -3.10	14.05 0.10 -0.88	16.45 0.09 -0.29
FIBERTEK___ENERGY 23856	7.90 -0.08 -1.53	-0.56 0.03 -2.80	1.44 0.01 -2.44	2.54 0.00 -2.28	2.67 -0.01 -2.21	1.84 0.00 -2.41	0.56 0.00 -3.45	2.46 -0.01 -3.53	5.18 -0.02 -2.21	12.29 -0.08 -1.37	10.08 -0.05 -1.40	6.22 -0.03 -2.01	4.15 -0.01 -2.34	5.43 -0.02 -2.45	9.99 -0.07 -1.19	7.01 -0.04 -1.48	6.03 -0.02 -1.77	3.51 0.00 -2.07	9.79 -0.04 -1.04	5.12 0.00 -4.94	0.29 0.00 -5.95	1.29 0.00 -2.82	13.77 -0.10 -0.80	16.23 -0.10 -0.27
FITZPATRICK____ 23598	7.28 -0.24 -1.06	-1.33 0.11 -1.95	0.72 0.03 -1.71	1.84 -0.01 -1.59	1.99 -0.01 -1.54	1.12 0.02 -1.68	-0.41 0.08 -2.40	1.42 0.03 -2.46	4.43 -0.10 -1.54	11.59 -0.37 -0.95	9.42 -0.29 -0.97	5.50 -0.14 -1.40	3.39 -0.06 -1.63	4.60 -0.10 -1.71	9.40 -0.30 -0.83	6.41 -0.19 -1.03	5.38 -0.13 -1.23	2.84 -0.04 -1.44	9.24 -0.29 -0.72	3.61 0.00 -3.44	-1.36 0.16 -4.14	0.47 0.05 -1.96	13.20 -0.43 -0.56	15.79 -0.46 -0.19
FLOWRFLD_69_KV_BK1 356044	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.23 -0.10 -20.35	19.16 0.02 -18.88	21.15 0.05 -20.63	67.74 -0.05 -68.36	174.73 -0.18 -177.90	147.97 -0.10 -149.14	160.08 0.29 -156.80	72.29 1.02 -60.27	23.49 0.84 -13.92	38.17 0.40 -33.53	71.04 0.16 -69.07	31.56 0.24 -28.33	106.64 0.72 -97.05	37.11 0.46 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.45 0.67 -59.98	52.03 0.01 -51.85	64.37 -0.46 -70.50	40.78 -0.12 -42.43	26.30 1.07 -12.16	21.20 1.47 -3.67
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.32 0.43 -12.44	19.19 -0.22 -22.79	18.87 -0.06 -19.95	18.89 0.02 -18.62	18.51 0.03 -18.02	19.07 -0.03 -19.68	25.06 -0.18 -28.13	27.66 -0.06 -28.79	21.22 0.20 -18.02	22.89 0.73 -11.15	20.71 0.59 -11.39	20.89 0.28 -16.37	21.10 0.12 -19.17	23.34 0.21 -20.13	19.20 0.64 -9.69	18.03 0.40 -12.07	19.02 0.30 -14.44	18.42 0.10 -16.87	17.85 0.58 -8.46	40.50 0.01 -40.32	42.48 -0.38 -48.53	21.38 -0.10 -23.02	20.43 0.82 -6.54	19.24 0.99 -2.18
FORT ORANGE____ 23900	22.09 0.28 -15.36	24.61 -0.15 -28.14	23.57 -0.04 -24.63	23.26 0.01 -22.99	22.73 0.02 -22.24	23.70 -0.02 -24.30	31.71 -0.12 -34.72	34.42 -0.04 -35.53	25.35 0.12 -22.25	25.16 0.42 -13.74	23.11 0.32 -14.06	24.57 0.16 -20.17	25.39 0.07 -23.51	27.60 0.11 -24.50	21.12 0.32 -11.93	20.62 0.20 -14.86	22.22 0.16 -17.78	22.28 0.05 -20.78	19.57 0.34 -10.42	49.84 0.01 -49.66	53.86 -0.24 -59.77	26.74 -0.06 -28.35	21.65 0.53 -8.05	19.41 0.66 -2.69
FORT_DRUM_COGEN 23780	7.08 -0.18 -0.81	-2.35 0.13 -0.90	-3.70 0.04 2.72	-2.72 -0.01 2.97	-2.16 -0.01 2.61	-0.24 0.01 -0.32	-1.01 0.06 -1.82	0.81 0.02 -1.86	4.05 -0.10 -1.16	11.24 -0.49 -0.72	9.02 -0.44 -0.74	5.06 -0.23 -1.06	2.94 -0.11 -1.24	4.11 -0.18 -1.29	9.12 -0.38 -0.63	6.08 -0.26 -0.78	5.01 -0.21 -0.93	2.49 -0.05 -1.09	9.14 -0.21 -0.55	2.76 -0.02 -2.61	-2.48 0.06 -3.14	-0.01 0.04 -1.49	13.27 -0.23 -0.42	15.76 -0.45 -0.14
FPL_FAR_ROCK_GT1 24212	19.74 0.60 -12.68	41.06 -0.31 -44.75	19.17 -0.09 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.38 -0.26 -34.54	41.11 -0.10 -42.27	24.18 0.28 -20.91	23.21 0.98 -11.23	23.46 0.83 -13.91	38.18 0.41 -33.53	71.05 0.16 -69.07	31.58 0.26 -28.33	106.72 0.80 -97.05	37.13 0.49 -31.08	33.92 0.36 -29.27	28.95 0.10 -27.40	69.39 0.60 -59.98	52.04 0.01 -51.85	64.37 -0.48 -70.50	40.77 -0.12 -42.43	26.28 1.07 -12.14	21.17 1.44 -3.67
FPL_FAR_ROCK_GT2 23815	19.74 0.60 -12.68	41.06 -0.31 -44.75	19.17 -0.09 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.38 -0.26 -34.54	41.11 -0.10 -42.27	24.18 0.28 -20.91	23.21 0.98 -11.23	23.46 0.83 -13.91	38.18 0.41 -33.53	71.05 0.16 -69.07	31.58 0.26 -28.33	106.72 0.80 -97.05	37.13 0.49 -31.08	33.92 0.36 -29.27	28.95 0.10 -27.40	69.39 0.60 -59.98	52.04 0.01 -51.85	64.37 -0.48 -70.50	40.77 -0.12 -42.43	26.28 1.07 -12.14	21.17 1.44 -3.67
FRANKLIN_FALL_HYD 24054	6.49 0.04 0.00	-5.93 0.11 2.65	-19.57 0.02 18.57	-19.05 -0.01 19.29	-17.03 -0.02 17.48	-4.10 0.02 3.56	-2.82 0.07 0.00	-1.05 0.01 0.00	2.92 -0.07 0.00	10.83 -0.17 0.00	8.64 -0.09 0.00	4.19 -0.05 0.00	1.80 -0.02 0.00	2.95 -0.05 0.00	8.72 -0.16 0.00	5.42 -0.15 0.00	4.14 -0.14 0.00	1.40 -0.04 0.00	8.64 -0.16 0.00	0.16 -0.01 0.00	-5.55 0.11 0.00	-1.53 0.01 0.00	13.09 0.02 0.00	16.10 0.03 0.00
FREEPORT_EQUS_GT1 23764	19.70 0.56 -12.68	41.08 -0.29 -44.75	19.17 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.41 -0.24 -34.54	41.13 -0.08 -42.27	24.16 0.26 -20.91	23.13 0.89 -11.23	23.39 0.75 -13.91	38.14 0.37 -33.53	71.03 0.15 -69.07	31.54 0.22 -28.33	106.61 0.68 -97.05	37.08 0.44 -31.08	33.87 0.31 -29.27	28.94 0.10 -27.40	69.37 0.59 -59.98	52.03 0.01 -51.85	64.43 -0.41 -70.50	40.79 -0.10 -42.43	26.16 0.95 -12.14	21.07 1.34 -3.67
FREEPORT___CT2 23818	19.70 0.56 -12.68	41.08 -0.29 -44.75	19.17 -0.08 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.41 -0.24 -34.54	41.13 -0.08 -42.27	24.16 0.26 -20.91	23.13 0.89 -11.23	23.39 0.75 -13.91	38.14 0.37 -33.53	71.03 0.15 -69.07	31.54 0.22 -28.33	106.61 0.68 -97.05	37.08 0.44 -31.08	33.87 0.31 -29.27	28.94 0.10 -27.40	69.37 0.59 -59.98	52.03 0.01 -51.85	64.43 -0.41 -70.50	40.79 -0.10 -42.43	26.16 0.95 -12.14	21.07 1.34 -3.67
FRESHKLS_33_KV_LOAD 356253	19.29 0.39 -12.44	19.22 -0.20 -22.79	18.88 -0.05 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.09 -0.16 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.95 0.72 -11.23	20.69 0.56 -11.40	20.90 0.28 -16.37	21.12 0.12 -19.19	23.37 0.21 -20.17	19.20 0.64 -9.69	18.03 0.39 -12.08	19.03 0.31 -14.45	18.43 0.10 -16.88	17.84 0.58 -8.47	40.53 0.01 -40.34	42.53 -0.36 -48.56	21.38 -0.11 -23.03	20.55 0.94 -6.54	19.38 1.13 -2.18
FULTON COGEN____ 23766	7.56 -0.17 -1.28	-0.97 0.07 -2.34	1.05 0.02 -2.05	2.16 0.00 -1.91	2.31 -0.01 -1.85	1.45 0.01 -2.02	0.03 0.04 -2.88	1.89 0.01 -2.95	4.78 -0.06 -1.85	11.93 -0.22 -1.14	9.72 -0.17 -1.17	5.83 -0.09 -1.68	3.74 -0.03 -1.96	4.98 -0.06 -2.05	9.68 -0.18 -0.99	6.69 -0.11 -1.24	5.69 -0.07 -1.48	3.15 -0.02 -1.73	9.51 -0.15 -0.87	4.30 0.00 -4.13	-0.62 0.08 -4.97	0.84 0.03 -2.36	13.48 -0.26 -0.67	16.02 -0.27 -0.22

FULTON___LFGE 323630	25.25 0.54 -18.25	29.78 -0.28 -33.44	28.17 -0.09 -29.27	27.60 0.02 -27.33	26.95 0.04 -26.44	28.26 -0.05 -28.88	38.19 -0.26 -41.34	41.14 -0.12 -42.33	29.71 0.20 -26.52	27.99 0.60 -16.38	25.86 0.37 -16.76	28.46 0.16 -24.06	29.93 0.06 -28.06	32.36 0.09 -29.28	23.38 0.28 -14.23	23.45 0.16 -17.72	25.68 0.22 -21.18	26.29 0.11 -24.73	21.97 0.76 -12.41	59.29 0.00 -59.11	64.91 -0.57 -71.15	32.05 -0.15 -33.75	23.85 1.19 -9.59	20.65 1.38 -3.20
G.F.CEMENT___DRP 24184	22.91 0.38 -16.08	25.89 -0.19 -29.46	24.72 -0.05 -25.79	24.34 0.01 -24.07	23.79 0.03 -23.29	24.84 -0.03 -25.44	33.35 -0.17 -36.41	36.15 -0.07 -37.28	26.50 0.16 -23.35	25.97 0.54 -14.42	23.95 0.46 -14.76	25.64 0.22 -21.18	26.58 0.09 -24.68	28.85 0.16 -25.70	21.84 0.45 -12.52	21.46 0.30 -15.59	23.17 0.25 -18.64	23.31 0.09 -21.77	20.29 0.57 -10.92	52.21 0.02 -52.02	56.61 -0.35 -62.62	28.07 -0.09 -29.70	22.28 0.77 -8.44	19.84 0.96 -2.82
GARDENVILLE___LBMP 24039	8.54 -0.23 -2.32	0.87 0.01 -4.24	2.70 0.00 -3.72	3.72 0.00 -3.47	3.82 -0.01 -3.36	3.09 0.00 -3.67	2.35 0.00 -5.24	4.28 -0.02 -5.36	6.24 -0.11 -3.36	12.84 -0.24 -2.07	10.68 -0.17 -2.12	7.20 -0.09 -3.05	5.35 -0.02 -3.56	6.65 -0.07 -3.72	10.39 -0.29 -1.80	7.66 -0.16 -2.25	6.86 -0.11 -2.69	4.55 -0.03 -3.14	10.08 -0.30 -1.58	7.67 -0.01 -7.50	3.48 0.11 -9.03	2.78 0.04 -4.28	13.70 -0.59 -1.22	15.81 -0.67 -0.41
GARDNVLA_35_KV_LD 355827	8.58 -0.21 -2.33	0.89 0.00 -4.27	2.72 0.00 -3.74	3.74 0.00 -3.49	3.84 -0.01 -3.38	3.11 0.00 -3.69	2.37 -0.01 -5.27	4.30 -0.03 -5.39	6.27 -0.18 -3.37	12.91 -0.18 -2.09	10.73 -0.13 -2.14	7.24 -0.07 -3.07	5.38 -0.01 -3.59	6.69 -0.05 -3.75	10.45 -0.24 -1.82	7.71 -0.12 -2.26	6.90 -0.09 -2.70	4.58 -0.03 -3.16	10.13 -0.26 -1.59	7.72 -0.01 -7.56	3.50 0.07 -9.09	2.80 0.03 -4.31	13.76 -0.53 -1.23	15.88 -0.60 -0.41
GELCKHM___115KV_LOAD 80723	7.72 -0.13 -1.39	-0.78 0.05 -2.55	1.23 0.02 -2.24	2.34 -0.01 -2.08	2.48 -0.01 -2.02	1.64 0.00 -2.21	0.28 0.02 -3.15	2.16 0.00 -3.22	4.97 -0.04 -2.02	12.10 -0.15 -1.25	9.88 -0.12 -1.28	6.01 -0.07 -1.83	3.93 -0.02 -2.14	5.19 -0.04 -2.24	9.83 -0.13 -1.08	6.84 -0.08 -1.35	5.85 -0.05 -1.61	3.32 -0.02 -1.89	9.64 -0.11 -0.95	4.69 0.00 -4.51	-0.18 0.05 -5.43	1.05 0.02 -2.58	13.61 -0.20 -0.73	16.10 -0.20 -0.24
GENERAL___MILLS 23808	8.57 -0.22 -2.33	0.89 0.00 -4.27	2.72 0.00 -3.73	3.74 0.00 -3.48	3.84 -0.01 -3.37	3.11 0.00 -3.68	2.37 -0.01 -5.27	4.30 -0.02 -5.38	6.26 -0.10 -3.37	12.88 -0.20 -2.08	10.72 -0.14 -2.13	7.23 -0.08 -3.06	5.37 -0.02 -3.58	6.68 -0.06 -3.74	10.43 -0.26 -1.81	7.69 -0.14 -2.26	6.89 -0.10 -2.70	4.57 -0.03 -3.16	10.11 -0.27 -1.58	7.71 -0.01 -7.54	3.50 0.09 -9.08	2.80 0.03 -4.31	13.74 -0.55 -1.22	15.85 -0.62 -0.41
GE_PLASTICS___DRP 24183	22.08 0.24 -15.39	24.69 -0.12 -28.19	23.62 -0.04 -24.68	23.30 0.01 -23.04	22.78 0.02 -22.29	23.75 -0.02 -24.34	31.78 -0.10 -34.77	34.49 -0.04 -35.58	25.37 0.10 -22.28	25.13 0.36 -13.77	23.09 0.28 -14.08	24.59 0.14 -20.21	25.44 0.06 -23.56	27.66 0.10 -24.57	21.11 0.29 -11.95	20.63 0.18 -14.88	22.24 0.14 -17.82	22.32 0.05 -20.83	19.54 0.29 -10.45	49.96 0.01 -49.78	54.05 -0.20 -59.92	26.83 -0.05 -28.42	21.58 0.43 -8.07	19.30 0.54 -2.69
GILBOA___1 23756	18.91 0.20 -12.25	18.97 -0.11 -22.45	18.60 -0.03 -19.65	18.61 0.01 -18.35	18.23 0.01 -17.75	18.80 -0.02 -19.39	24.74 -0.08 -27.71	27.28 -0.03 -28.36	20.84 0.09 -17.76	22.30 0.32 -10.98	20.21 0.26 -11.23	20.48 0.13 -16.12	20.70 0.05 -18.83	22.77 0.09 -19.69	18.67 0.26 -9.54	17.61 0.17 -11.88	18.62 0.13 -14.21	18.10 0.04 -16.60	17.38 0.25 -8.33	39.86 0.01 -39.68	41.93 -0.17 -47.76	21.07 -0.04 -22.65	19.86 0.35 -6.43	18.66 0.44 -2.15
GILBOA___2 23757	18.91 0.20 -12.25	18.97 -0.11 -22.45	18.60 -0.03 -19.65	18.61 0.01 -18.35	18.23 0.01 -17.75	18.80 -0.02 -19.39	24.74 -0.08 -27.71	27.28 -0.03 -28.36	20.84 0.09 -17.76	22.30 0.32 -10.98	20.21 0.26 -11.23	20.48 0.13 -16.12	20.70 0.05 -18.83	22.77 0.09 -19.69	18.67 0.26 -9.54	17.61 0.17 -11.88	18.62 0.13 -14.21	18.10 0.04 -16.60	17.38 0.25 -8.33	39.86 0.01 -39.68	41.93 -0.17 -47.76	21.07 -0.04 -22.65	19.86 0.35 -6.43	18.66 0.44 -2.15
GILBOA___3 23758	18.91 0.20 -12.25	18.97 -0.11 -22.45	18.60 -0.03 -19.65	18.61 0.01 -18.35	18.23 0.01 -17.75	18.80 -0.02 -19.39	24.74 -0.08 -27.71	27.28 -0.03 -28.36	20.84 0.09 -17.76	22.30 0.32 -10.98	20.21 0.26 -11.23	20.48 0.13 -16.12	20.70 0.05 -18.83	22.77 0.09 -19.69	18.67 0.26 -9.54	17.61 0.17 -11.88	18.62 0.13 -14.21	18.10 0.04 -16.60	17.38 0.25 -8.33	39.86 0.01 -39.68	41.93 -0.17 -47.76	21.07 -0.04 -22.65	19.86 0.35 -6.43	18.66 0.44 -2.15
GILBOA___4 23759	18.91 0.20 -12.25	18.97 -0.11 -22.45	18.60 -0.03 -19.65	18.61 0.01 -18.35	18.23 0.01 -17.75	18.80 -0.02 -19.39	24.74 -0.08 -27.71	27.28 -0.03 -28.36	20.84 0.09 -17.76	22.30 0.32 -10.98	20.21 0.26 -11.23	20.48 0.13 -16.12	20.70 0.05 -18.83	22.77 0.09 -19.69	18.67 0.26 -9.54	17.61 0.17 -11.88	18.62 0.13 -14.21	18.10 0.04 -16.60	17.38 0.25 -8.33	39.86 0.01 -39.68	41.93 -0.17 -47.76	21.07 -0.04 -22.65	19.86 0.35 -6.43	18.66 0.44 -2.15
GILBOA___ 23599	18.91 0.20 -12.25	18.97 -0.11 -22.45	18.60 -0.03 -19.65	18.61 0.01 -18.35	18.23 0.01 -17.75	18.80 -0.02 -19.39	24.74 -0.08 -27.71	27.28 -0.03 -28.36	20.84 0.09 -17.76	22.30 0.32 -10.98	20.21 0.25 -11.23	20.49 0.13 -16.12	20.70 0.05 -18.83	22.77 0.09 -19.69	18.67 0.27 -9.54	17.61 0.17 -11.88	18.62 0.13 -14.21	18.10 0.04 -16.60	17.38 0.25 -8.33	39.86 0.00 -39.68	41.93 -0.17 -47.76	21.07 -0.04 -22.65	19.86 0.36 -6.43	18.66 0.45 -2.15
GINNA___ 23603	7.73 -0.42 -1.70	-0.09 0.17 -3.12	1.76 0.05 -2.73	2.79 -0.01 -2.55	2.91 -0.03 -2.46	2.14 0.02 -2.69	1.08 0.12 -3.85	2.90 0.03 -3.94	5.27 -0.19 -2.47	11.92 -0.61 -1.52	9.80 -0.49 -1.56	6.24 -0.24 -2.24	4.33 -0.10 -2.62	5.56 -0.17 -2.74	9.67 -0.53 -1.33	6.91 -0.31 -1.65	6.03 -0.23 -1.97	3.68 -0.07 -2.31	9.44 -0.52 -1.16	5.67 -0.02 -5.52	1.25 0.28 -6.64	1.69 0.08 -3.15	13.10 -0.87 -0.89	15.34 -1.03 -0.30
GLEN PARK___ 23778	7.13 -0.15 -0.83	-2.29 0.11 -0.98	-3.45 0.03 2.47	-2.46 -0.01 2.70	-1.92 -0.01 2.37	-0.15 0.01 -0.41	-0.97 0.04 -1.88	0.87 0.01 -1.93	4.10 -0.10 -1.21	11.29 -0.46 -0.74	9.06 -0.43 -0.76	5.10 -0.23 -1.10	2.99 -0.11 -1.28	4.16 -0.17 -1.34	9.17 -0.35 -0.65	6.13 -0.24 -0.81	5.05 -0.20 -0.97	2.53 -0.04 -1.13	9.22 -0.15 -0.56	2.85 -0.02 -2.69	-2.40 0.02 -3.24	0.02 0.03 -1.54	13.36 -0.15 -0.44	15.85 -0.36 -0.15
GLENDALE_27_KV_LOAD 356172	19.34 0.44 -12.44	19.19 -0.23 -22.79	18.87 -0.07 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.06 -0.19 -28.14	27.78 -0.06 -28.90	21.38 0.22 -18.17	23.06 0.82 -11.23	20.77 0.64 -11.40	20.93 0.32 -16.37	21.14 0.14 -19.19	23.40 0.23 -20.17	19.28 0.71 -9.69	18.08 0.44 -12.08	19.06 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.46 -0.43 -48.56	21.38 -0.11 -23.03	20.54 0.93 -6.54	19.35 1.10 -2.18

GLENWOOD_IC_1_G5 23712	19.63 0.50 -12.68	41.11 -0.26 -44.75	19.19 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.43 -0.22 -34.54	41.14 -0.07 -42.27	24.14 0.23 -20.91	23.07 0.83 -11.23	23.31 0.67 -13.91	38.10 0.33 -33.53	71.02 0.14 -69.07	31.54 0.22 -28.33	106.65 0.73 -97.05	37.09 0.45 -31.08	33.89 0.33 -29.27	28.94 0.10 -27.40	69.34 0.55 -59.98	52.02 0.00 -51.85	64.44 -0.40 -70.50	40.79 -0.10 -42.43	26.05 0.85 -12.14	20.90 1.17 -3.67
GLENWOOD_IC_2_G1 23688	19.60 0.46 -12.68	41.13 -0.24 -44.75	19.19 -0.07 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.45 -0.20 -34.54	41.14 -0.07 -42.27	24.12 0.22 -20.91	23.02 0.78 -11.23	23.28 0.64 -13.91	38.09 0.32 -33.53	71.02 0.14 -69.07	31.54 0.23 -28.33	106.62 0.70 -97.05	37.09 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.37 0.58 -59.98	52.03 0.01 -51.85	64.43 -0.41 -70.50	40.79 -0.10 -42.43	26.06 0.85 -12.14	20.81 1.08 -3.67
GLENWOOD_IC_3_G1 23689	19.60 0.46 -12.68	41.13 -0.24 -44.75	19.19 -0.07 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.45 -0.20 -34.54	41.14 -0.07 -42.27	24.12 0.22 -20.91	23.02 0.78 -11.23	23.28 0.64 -13.91	38.09 0.32 -33.53	71.02 0.14 -69.07	31.54 0.23 -28.33	106.62 0.70 -97.05	37.09 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.37 0.58 -59.98	52.03 0.01 -51.85	64.43 -0.41 -70.50	40.79 -0.10 -42.43	26.06 0.85 -12.14	20.81 1.08 -3.67
GLENWOOD___4 23550	19.63 0.50 -12.68	41.11 -0.26 -44.75	19.19 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.43 -0.22 -34.54	41.14 -0.07 -42.27	24.14 0.23 -20.91	23.07 0.84 -11.23	23.31 0.68 -13.91	38.11 0.34 -33.53	71.02 0.14 -69.07	31.55 0.23 -28.33	106.65 0.73 -97.05	37.09 0.45 -31.08	33.89 0.33 -29.27	28.94 0.10 -27.40	69.35 0.57 -59.98	52.03 0.00 -51.85	64.43 -0.41 -70.50	40.79 -0.10 -42.43	26.07 0.86 -12.14	20.90 1.17 -3.67
GLENWOOD___5 23614	19.63 0.50 -12.68	41.11 -0.26 -44.75	19.19 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.43 -0.22 -34.54	41.14 -0.07 -42.27	24.14 0.23 -20.91	23.07 0.84 -11.23	23.31 0.68 -13.91	38.11 0.34 -33.53	71.02 0.14 -69.07	31.55 0.23 -28.33	106.65 0.73 -97.05	37.09 0.45 -31.08	33.89 0.33 -29.27	28.94 0.10 -27.40	69.35 0.57 -59.98	52.03 0.00 -51.85	64.43 -0.41 -70.50	40.79 -0.10 -42.43	26.07 0.86 -12.14	20.90 1.17 -3.67
GLOBAL GREEN_PORT_GT1 23814	19.98 0.84 -12.68	40.92 -0.45 -44.75	19.18 -0.13 -20.33	19.15 0.04 -18.86	21.16 0.06 -20.63	55.77 -0.08 -56.42	139.44 -0.40 -142.72	121.71 -0.15 -122.92	126.84 0.40 -123.46	60.62 1.38 -48.24	23.75 1.10 -13.91	38.29 0.52 -33.53	71.07 0.19 -69.07	31.56 0.24 -28.33	106.81 0.88 -97.05	37.28 0.63 -31.08	34.04 0.48 -29.27	29.00 0.16 -27.40	69.76 0.97 -59.98	52.04 0.02 -51.85	64.17 -0.67 -70.50	40.72 -0.17 -42.43	26.74 1.52 -12.15	21.73 2.00 -3.67
GLOBE___DSASP 323697	8.18 -0.43 -2.16	0.64 0.07 -3.95	2.46 0.02 -3.46	3.48 0.00 -3.23	3.58 -0.02 -3.13	2.85 0.01 -3.42	2.08 0.09 -4.88	3.97 0.03 -4.99	5.93 -0.18 -3.12	12.37 -0.56 -1.93	10.27 -0.44 -1.98	6.83 -0.25 -2.84	5.03 -0.10 -3.32	6.28 -0.19 -3.47	9.94 -0.61 -1.68	7.28 -0.38 -2.09	6.50 -0.28 -2.50	4.28 -0.09 -2.92	9.73 -0.54 -1.47	7.15 -0.01 -6.99	3.09 0.34 -8.41	2.54 0.09 -3.99	13.27 -0.93 -1.13	15.36 -1.09 -0.38
GOETHSLN___LBMP 323567	19.28 0.39 -12.44	19.21 -0.20 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.96 0.73 -11.23	20.70 0.57 -11.40	20.90 0.28 -16.37	21.13 0.12 -19.19	23.37 0.21 -20.17	19.22 0.65 -9.69	18.04 0.39 -12.08	19.02 0.29 -14.45	18.42 0.10 -16.88	17.80 0.53 -8.47	40.52 0.00 -40.34	42.52 -0.37 -48.56	21.40 -0.09 -23.03	20.40 0.79 -6.54	19.17 0.93 -2.18
GOLAH___69_KV_TB 1_2 80279	8.10 -0.11 -1.75	-0.17 -0.01 -3.22	1.79 -0.01 -2.82	2.89 0.00 -2.63	3.02 0.01 -2.54	2.19 -0.01 -2.78	1.01 -0.07 -3.97	2.96 -0.04 -4.06	5.50 -0.03 -2.54	12.54 -0.03 -1.57	10.27 -0.07 -1.61	6.52 -0.03 -2.31	4.50 -0.01 -2.70	5.79 -0.02 -2.82	10.16 -0.08 -1.37	7.24 -0.03 -1.70	6.30 -0.02 -2.04	3.82 0.00 -2.38	9.90 -0.10 -1.19	5.85 -0.01 -5.69	1.17 -0.01 -6.85	1.71 0.00 -3.25	13.74 -0.25 -0.92	16.09 -0.29 -0.31
GOODYEAR_LAKE_HYD 323669	9.74 0.21 -3.08	2.15 -0.12 -5.64	3.88 -0.04 -4.94	4.87 0.01 -4.61	4.95 0.01 -4.46	4.28 -0.02 -4.87	3.98 -0.12 -6.98	6.04 -0.04 -7.15	7.58 0.12 -4.48	14.19 0.42 -2.77	11.88 0.32 -2.83	8.45 0.15 -4.07	6.63 0.06 -4.75	8.06 0.10 -4.96	11.60 0.32 -2.40	8.76 0.20 -2.99	8.02 0.16 -3.58	5.68 0.06 -4.18	11.23 0.34 -2.09	10.16 0.01 -9.98	6.11 -0.23 -12.01	4.10 -0.06 -5.69	15.13 0.44 -1.62	17.13 0.52 -0.54
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	10.65 0.05 -4.14	4.16 -0.05 -7.59	5.61 -0.01 -6.64	6.46 0.00 -6.20	6.47 0.01 -6.00	5.97 -0.01 -6.55	6.42 -0.06 -9.37	8.49 -0.03 -9.58	9.05 0.06 -6.00	14.89 0.18 -3.71	12.65 0.13 -3.79	9.74 0.05 -5.45	8.21 0.03 -6.37	9.70 0.05 -6.66	12.21 0.11 -3.22	9.65 0.07 -4.01	9.15 0.07 -4.80	7.08 0.02 -5.61	11.74 0.12 -2.82	13.60 0.02 -13.41	10.38 -0.10 -16.14	6.09 -0.02 -7.66	15.37 0.13 -2.18	16.94 0.14 -0.73
GOUDEY___7 23579	10.65 0.06 -4.14	4.16 -0.05 -7.59	5.61 -0.01 -6.64	6.46 0.00 -6.20	6.47 0.01 -6.00	5.97 -0.01 -6.55	6.41 -0.06 -9.37	8.49 -0.03 -9.58	9.05 0.07 -6.00	14.90 0.19 -3.71	12.66 0.14 -3.79	9.74 0.05 -5.45	8.21 0.03 -6.37	9.70 0.05 -6.66	12.21 0.11 -3.22	9.66 0.07 -4.01	9.16 0.07 -4.80	7.09 0.03 -5.61	11.75 0.13 -2.82	13.60 0.02 -13.41	10.37 -0.10 -16.14	6.09 -0.03 -7.66	15.38 0.14 -2.18	16.95 0.16 -0.73
GOUDEY___8 23580	10.65 0.05 -4.14	4.16 -0.05 -7.59	5.61 -0.01 -6.64	6.46 0.00 -6.20	6.47 0.01 -6.00	5.97 -0.01 -6.55	6.42 -0.06 -9.37	8.49 -0.03 -9.58	9.05 0.06 -6.00	14.89 0.18 -3.71	12.65 0.13 -3.79	9.74 0.05 -5.45	8.21 0.03 -6.37	9.70 0.05 -6.66	12.21 0.11 -3.22	9.65 0.07 -4.01	9.15 0.07 -4.80	7.08 0.02 -5.61	11.74 0.12 -2.82	13.60 0.02 -13.41	10.38 -0.10 -16.14	6.09 -0.02 -7.66	15.37 0.13 -2.18	16.94 0.14 -0.73
GOWANUS_GT1_1 24077	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT1_2 24078	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18

GOWANUS_GT1_3 24079	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT1_4 24080	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT1_5 24084	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT1_6 24111	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT1_7 24112	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT1_8 24113	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_1 24114	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_2 24115	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_3 24116	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_4 24117	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_5 24118	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_6 24119	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_7 24120	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT2_8 24121	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT3_1 24122	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18

GOWANUS_GT3_2 24123	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT3_3 24124	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT3_4 24125	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT3_5 24126	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT3_6 24127	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT3_7 24128	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT3_8 24129	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_1 24130	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_2 24131	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_3 24132	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_4 24133	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_5 24134	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_6 24135	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_7 24136	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GOWANUS_GT4_8 24137	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18

GREENBSH_115KV_TB3 55895	22.15 0.25 -15.44	24.77 -0.14 -28.29	23.71 -0.04 -24.76	23.38 0.01 -23.12	22.86 0.02 -22.36	23.83 -0.02 -24.43	31.91 -0.11 -34.91	34.62 -0.04 -35.72	25.47 0.11 -22.37	25.21 0.38 -13.82	23.17 0.31 -14.13	24.68 0.15 -20.28	25.51 0.07 -23.63	27.72 0.11 -24.62	21.17 0.31 -11.99	20.69 0.19 -14.94	22.31 0.15 -17.87	22.39 0.05 -20.89	19.59 0.31 -10.48	50.10 0.00 -49.92	54.21 -0.21 -60.09	26.90 -0.05 -28.50	21.63 0.47 -8.10	19.35 0.58 -2.70
GREENDGE_115KV_TB5 80291	9.02 -0.04 -2.60	1.38 -0.01 -4.76	3.16 0.00 -4.17	4.15 0.00 -3.89	4.24 0.00 -3.77	3.54 0.00 -4.11	2.95 -0.05 -5.88	4.93 -0.03 -6.02	6.78 0.03 -3.77	13.38 0.05 -2.33	11.12 0.01 -2.38	7.65 -0.01 -3.42	5.81 0.01 -4.00	7.17 0.00 -4.18	10.87 -0.03 -2.03	8.09 0.00 -2.52	7.34 0.04 -3.02	4.99 0.02 -3.52	10.63 0.06 -1.77	8.61 0.01 -8.42	4.39 -0.08 -10.14	3.25 -0.02 -4.81	14.38 -0.06 -1.37	16.42 -0.10 -0.46
GREENIDGE___3 23582	9.02 -0.04 -2.60	1.38 -0.01 -4.76	3.16 0.00 -4.17	4.15 0.00 -3.89	4.24 0.00 -3.77	3.54 0.00 -4.11	2.95 -0.05 -5.88	4.93 -0.03 -6.02	6.78 0.03 -3.77	13.38 0.05 -2.33	11.12 0.01 -2.38	7.65 -0.01 -3.42	5.81 0.01 -4.00	7.17 0.00 -4.18	10.87 -0.03 -2.03	8.09 0.00 -2.52	7.34 0.04 -3.02	4.99 0.02 -3.52	10.63 0.06 -1.77	8.61 0.01 -8.42	4.39 -0.08 -10.14	3.25 -0.02 -4.81	14.38 -0.06 -1.37	16.42 -0.10 -0.46
GREENIDGE___4 23583	9.02 -0.04 -2.60	1.38 -0.01 -4.76	3.16 0.00 -4.17	4.15 0.00 -3.89	4.24 0.00 -3.77	3.54 0.00 -4.11	2.95 -0.04 -5.88	4.93 -0.02 -6.02	6.78 0.03 -3.77	13.38 0.05 -2.33	11.12 0.01 -2.38	7.65 -0.01 -3.42	5.81 0.00 -4.00	7.17 0.00 -4.18	10.87 -0.03 -2.03	8.09 0.00 -2.52	7.34 0.04 -3.02	4.99 0.02 -3.52	10.63 0.06 -1.77	8.61 0.01 -8.42	4.39 -0.08 -10.14	3.25 -0.02 -4.81	14.38 -0.06 -1.37	16.42 -0.10 -0.46
GREENLWN_69_KV_BK 3 55738	19.67 0.54 -12.68	41.09 -0.28 -44.75	19.17 -0.08 -20.27	19.06 0.02 -18.78	21.13 0.04 -20.63	11.05 -0.05 -11.67	7.78 -0.24 -10.91	23.50 -0.09 -24.66	1.76 0.25 1.49	15.00 0.84 -3.15	23.34 0.70 -13.91	38.11 0.34 -33.53	71.02 0.14 -69.07	31.53 0.21 -28.33	106.56 0.64 -97.05	37.04 0.39 -31.08	33.85 0.29 -29.27	28.93 0.09 -27.40	69.32 0.53 -59.98	52.03 0.00 -51.85	64.46 -0.38 -70.50	40.80 -0.09 -42.43	26.07 0.87 -12.13	20.96 1.23 -3.67
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.43 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
GRISSOM___SOLAR 323813	25.25 0.54 -18.25	29.78 -0.28 -33.44	28.17 -0.09 -29.27	27.60 0.02 -27.33	26.95 0.04 -26.44	28.26 -0.05 -28.88	38.19 -0.26 -41.34	41.14 -0.12 -42.33	29.71 0.20 -26.52	27.99 0.60 -16.38	25.86 0.37 -16.76	28.46 0.16 -24.06	29.93 0.06 -28.06	32.36 0.09 -29.28	23.38 0.28 -14.23	23.45 0.16 -17.72	25.68 0.22 -21.18	26.29 0.11 -24.73	21.97 0.76 -12.41	59.29 0.00 -59.11	64.91 -0.57 -71.15	32.05 -0.15 -33.75	23.85 1.19 -9.59	20.65 1.38 -3.20
GROVEVILLE___HYD 323602	19.32 0.43 -12.44	19.19 -0.22 -22.79	18.87 -0.06 -19.95	18.89 0.02 -18.62	18.51 0.03 -18.02	19.07 -0.03 -19.68	25.06 -0.18 -28.13	27.66 -0.06 -28.79	21.22 0.20 -18.02	22.89 0.73 -11.15	20.71 0.59 -11.39	20.89 0.28 -16.37	21.10 0.12 -19.17	23.34 0.21 -20.13	19.20 0.64 -9.69	18.03 0.40 -12.07	19.02 0.30 -14.44	18.42 0.10 -16.87	17.85 0.58 -8.46	40.50 0.01 -40.32	42.48 -0.38 -48.53	21.38 -0.10 -23.02	20.43 0.82 -6.54	19.24 0.99 -2.18
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	7.90 -0.08 -1.53	-0.56 0.03 -2.80	1.44 0.01 -2.44	2.54 0.00 -2.28	2.67 -0.01 -2.21	1.84 0.00 -2.41	0.56 0.00 -3.45	2.46 -0.01 -3.53	5.18 -0.02 -2.21	12.29 -0.08 -1.37	10.08 -0.05 -1.40	6.22 -0.03 -2.01	4.15 -0.01 -2.34	5.43 -0.02 -2.45	9.99 -0.07 -1.19	7.01 -0.04 -1.48	6.03 -0.02 -1.77	3.51 0.00 -2.07	9.79 -0.04 -1.04	5.12 0.00 -4.94	0.29 0.00 -5.95	1.29 0.00 -2.82	13.77 -0.10 -0.80	16.23 -0.10 -0.27
HAMLTNNY_34_KV_TB 80303	7.98 -0.08 -1.61	-0.42 0.02 -2.94	1.57 0.01 -2.58	2.66 0.00 -2.40	2.79 -0.01 -2.33	1.97 0.00 -2.54	0.74 0.00 -3.63	2.65 -0.01 -3.72	5.31 -0.01 -2.32	12.37 -0.07 -1.44	10.16 -0.04 -1.47	6.33 -0.03 -2.11	4.28 0.00 -2.47	5.57 0.00 -2.58	10.09 -0.04 -1.25	7.10 -0.03 -1.56	6.13 -0.01 -1.86	3.62 0.00 -2.18	9.86 -0.04 -1.09	5.38 0.00 -5.20	0.59 0.00 -6.26	1.43 0.00 -2.97	13.82 -0.09 -0.84	16.25 -0.09 -0.28
HAMPSHIRE___PAPER_HYD 323593	6.72 -0.15 -0.42	-4.01 0.12 0.75	-10.93 0.03 9.95	-10.16 -0.01 10.41	-8.94 -0.01 9.39	-2.42 0.02 1.87	-1.87 0.07 -0.95	-0.07 0.02 -0.97	3.51 -0.09 -0.61	10.99 -0.40 -0.38	8.78 -0.34 -0.38	4.62 -0.17 -0.55	2.38 -0.08 -0.64	3.53 -0.14 -0.67	8.83 -0.37 -0.32	5.72 -0.25 -0.41	4.55 -0.21 -0.49	1.95 -0.06 -0.57	8.76 -0.32 -0.28	1.51 -0.02 -1.36	-3.88 0.15 -1.63	-0.72 0.04 -0.77	13.06 -0.23 -0.22	15.73 -0.41 -0.07
HARDSCRABBLE_WT_PWR 323673	6.51 0.05 0.00	-3.29 -0.03 -0.12	-0.19 0.00 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.92 -0.03 0.00	-1.08 -0.01 0.00	3.02 0.03 0.00	11.05 0.04 0.00	8.74 0.01 0.00	4.23 -0.01 0.00	1.81 0.00 0.00	2.98 -0.02 0.00	8.80 -0.08 0.00	5.51 -0.06 0.00	4.26 -0.03 0.00	1.44 -0.01 0.00	8.81 0.01 0.00	0.16 -0.01 0.00	-5.72 -0.05 0.00	-1.55 -0.01 0.00	13.06 -0.01 0.00	16.08 0.01 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.50 0.39 -11.65	17.76 -0.20 -21.35	17.61 -0.06 -18.69	17.72 0.02 -17.45	17.37 0.03 -16.88	17.83 -0.03 -18.44	23.29 -0.17 -26.35	25.74 -0.06 -26.86	19.92 0.18 -16.74	22.05 0.68 -10.37	19.95 0.55 -10.67	19.84 0.27 -15.33	19.89 0.12 -17.96	22.07 0.20 -18.87	18.56 0.61 -9.07	17.25 0.38 -11.30	18.10 0.29 -13.52	17.34 0.10 -15.80	17.27 0.55 -7.93	37.94 0.01 -37.76	39.42 -0.36 -45.45	19.92 -0.09 -21.56	19.96 0.77 -6.12	19.02 0.91 -2.04
HARSNRAD_115KV_TB1 81005	8.29 -0.30 -2.14	0.56 0.02 -3.91	2.41 0.01 -3.42	3.45 -0.01 -3.20	3.55 -0.01 -3.09	2.80 0.00 -3.38	1.96 0.02 -4.83	3.87 -0.01 -4.94	5.93 -0.15 -3.09	12.51 -0.41 -1.91	10.37 -0.32 -1.96	6.89 -0.16 -2.81	5.04 -0.06 -3.28	6.31 -0.12 -3.43	10.09 -0.45 -1.66	7.39 -0.25 -2.07	6.58 -0.18 -2.48	4.28 -0.05 -2.89	9.80 -0.45 -1.45	7.07 -0.02 -6.92	2.85 0.19 -8.32	2.47 0.06 -3.95	13.39 -0.80 -1.12	15.57 -0.87 -0.37
HARZA MOOSE___RIVER 24016	6.94 -0.05 -0.53	-2.68 0.05 -0.65	-2.45 0.02 1.45	-1.34 0.00 1.59	-0.93 -0.01 1.39	-0.26 0.00 -0.31	-1.67 0.01 -1.21	0.17 0.00 -1.24	3.73 -0.03 -0.77	11.31 -0.17 -0.48	9.06 -0.16 -0.49	4.86 -0.09 -0.70	2.60 -0.04 -0.82	3.79 -0.07 -0.86	9.13 -0.16 -0.42	5.98 -0.10 -0.52	4.82 -0.08 -0.62	2.15 -0.02 -0.73	9.11 -0.05 -0.36	1.90 -0.01 -1.73	-3.60 -0.02 -2.09	-0.54 0.02 -0.99	13.31 -0.05 -0.28	15.97 -0.18 -0.09

HDSNBRDG_115KV_BRDG_TB1 355580	7.73 -0.12 -1.40	-0.78 0.04 -2.56	1.23 0.01 -2.24	2.34 -0.01 -2.09	2.49 -0.01 -2.02	1.64 0.00 -2.21	0.28 0.02 -3.16	2.17 0.00 -3.23	4.97 -0.04 -2.02	12.11 -0.14 -1.25	9.89 -0.11 -1.28	6.02 -0.06 -1.84	3.94 -0.02 -2.14	5.20 -0.04 -2.24	9.84 -0.12 -1.09	6.85 -0.07 -1.35	5.86 -0.04 -1.62	3.32 -0.01 -1.89	9.65 -0.09 -0.95	4.69 0.00 -4.52	-0.19 0.04 -5.44	1.06 0.02 -2.58	13.62 -0.18 -0.73	16.12 -0.19 -0.25
HELLGATE_13_KV_LD 55870	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.89 -6.54	19.31 1.06 -2.18
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.72 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.39 -0.11 -23.03	20.50 0.89 -6.54	19.31 1.06 -2.18
HEMPSTEAD____ 23647	19.64 0.50 -12.68	41.11 -0.26 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.43 -0.22 -34.54	41.13 -0.07 -42.27	24.14 0.23 -20.91	23.05 0.81 -11.23	23.32 0.68 -13.91	38.11 0.33 -33.53	71.02 0.14 -69.07	31.53 0.21 -28.33	106.59 0.66 -97.05	37.07 0.42 -31.08	33.86 0.30 -29.27	28.93 0.09 -27.40	69.33 0.55 -59.98	52.04 0.01 -51.85	64.46 -0.38 -70.50	40.80 -0.10 -42.43	26.06 0.86 -12.14	20.91 1.18 -3.67
HEWLETT_69_KV_BK3 55828	19.71 0.58 -12.68	41.07 -0.30 -44.75	19.17 -0.09 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.05 -19.69	31.39 -0.25 -34.54	41.12 -0.09 -42.27	24.17 0.26 -20.91	23.17 0.93 -11.23	23.43 0.79 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.56 0.24 -28.33	106.69 0.76 -97.05	37.10 0.45 -31.08	33.90 0.34 -29.27	28.94 0.10 -27.40	69.37 0.58 -59.98	52.03 0.01 -51.85	64.39 -0.45 -70.50	40.78 -0.11 -42.43	26.21 1.00 -12.14	21.11 1.38 -3.67
HICKLING___1 23621	9.79 0.00 -3.33	2.69 -0.04 -6.11	4.32 0.00 -5.34	5.24 0.00 -4.99	5.30 0.00 -4.83	4.69 -0.01 -5.27	4.59 -0.06 -7.54	6.62 -0.03 -7.71	7.87 0.06 -4.82	14.16 0.17 -2.98	11.90 0.12 -3.05	8.67 0.04 -4.39	6.97 0.03 -5.12	8.40 0.04 -5.36	11.55 0.08 -2.59	8.85 0.05 -3.23	8.22 0.07 -3.86	5.99 0.03 -4.52	11.18 0.12 -2.26	10.99 0.03 -10.79	7.23 -0.09 -12.99	4.60 -0.02 -6.16	14.83 0.01 -1.75	16.62 -0.03 -0.58
HICKLING___2 23622	9.79 0.00 -3.33	2.69 -0.04 -6.11	4.32 0.00 -5.34	5.24 0.00 -4.99	5.30 0.00 -4.83	4.69 -0.01 -5.27	4.59 -0.06 -7.54	6.62 -0.03 -7.71	7.87 0.06 -4.82	14.16 0.17 -2.98	11.90 0.12 -3.05	8.67 0.04 -4.39	6.97 0.03 -5.12	8.40 0.04 -5.36	11.55 0.08 -2.59	8.85 0.05 -3.23	8.22 0.07 -3.86	5.99 0.03 -4.52	11.18 0.12 -2.26	10.99 0.03 -10.79	7.23 -0.09 -12.99	4.60 -0.02 -6.16	14.83 0.01 -1.75	16.62 -0.03 -0.58
HIGH FALLS___HY 23754	19.10 0.45 -12.19	18.72 -0.23 -22.33	18.46 -0.07 -19.55	18.52 0.02 -18.25	18.16 0.03 -17.66	18.68 -0.04 -19.29	24.47 -0.20 -27.56	27.06 -0.06 -28.19	20.85 0.22 -17.64	22.73 0.82 -10.91	20.55 0.66 -11.16	20.59 0.31 -16.03	20.71 0.14 -18.76	22.90 0.23 -19.68	19.04 0.67 -9.49	17.79 0.41 -11.82	18.74 0.31 -14.14	18.08 0.10 -16.53	17.69 0.60 -8.29	39.68 0.01 -39.49	41.47 -0.40 -47.54	20.90 -0.10 -22.54	20.32 0.85 -6.40	19.21 1.00 -2.14
HILLBURN___GT 23639	18.67 0.39 -11.82	18.08 -0.20 -21.66	17.88 -0.06 -18.96	17.97 0.02 -17.70	17.62 0.03 -17.13	18.10 -0.03 -18.71	23.68 -0.17 -26.74	26.13 -0.06 -27.25	20.15 0.19 -16.98	22.20 0.68 -10.52	20.10 0.55 -10.83	20.06 0.27 -15.55	20.15 0.12 -18.22	22.35 0.20 -19.15	18.70 0.62 -9.21	17.42 0.38 -11.47	18.30 0.29 -13.72	17.58 0.10 -16.03	17.38 0.54 -8.04	38.49 0.00 -38.32	40.09 -0.36 -46.12	20.24 -0.09 -21.87	20.05 0.76 -6.21	19.05 0.91 -2.07
HILLSIDE_115KV_TB1 80332	9.86 -0.03 -3.43	2.89 -0.02 -6.29	4.49 0.00 -5.50	5.39 0.00 -5.14	5.44 0.00 -4.97	4.85 0.00 -5.43	4.83 -0.04 -7.76	6.86 -0.02 -7.94	8.02 0.06 -4.97	14.21 0.14 -3.07	11.96 0.09 -3.14	8.77 0.02 -4.51	7.11 0.02 -5.27	8.54 0.04 -5.51	11.59 0.04 -2.67	8.92 0.02 -3.33	8.30 0.04 -3.98	6.11 0.01 -4.65	11.18 0.05 -2.33	11.31 0.03 -11.11	7.66 -0.04 -13.37	4.79 -0.01 -6.34	14.84 -0.03 -1.80	16.58 -0.09 -0.60
HISHELDN_WT_PWR 323625	8.65 -0.31 -2.51	1.26 0.05 -4.59	3.02 0.02 -4.02	4.00 -0.01 -3.75	4.09 -0.01 -3.63	3.40 0.01 -3.97	2.82 0.05 -5.67	4.74 0.00 -5.79	6.47 -0.14 -3.63	12.88 -0.36 -2.24	10.76 -0.26 -2.30	7.40 -0.13 -3.30	5.62 -0.04 -3.85	6.94 -0.09 -4.03	10.49 -0.34 -1.95	7.81 -0.19 -2.43	7.05 -0.14 -2.91	4.80 -0.04 -3.39	10.16 -0.34 -1.70	8.27 -0.01 -8.11	4.27 0.17 -9.76	3.15 0.05 -4.63	13.67 -0.72 -1.32	15.68 -0.83 -0.44
HOLTSVILLE_IC_1 23690	19.74 0.61 -12.68	41.05 -0.32 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	55.14 -0.05 -55.76	137.62 -0.27 -140.78	120.31 -0.10 -121.47	124.87 0.27 -121.61	59.52 0.95 -47.57	23.43 0.79 -13.91	38.15 0.38 -33.53	71.04 0.15 -69.07	31.54 0.22 -28.33	106.57 0.65 -97.05	37.08 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.79 -0.11 -42.43	26.23 1.01 -12.15	21.12 1.39 -3.67
HOLTSVILLE_IC_10 23699	19.77 0.64 -12.68	41.04 -0.34 -44.75	19.22 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.41 -0.05 -58.04	144.31 -0.28 -147.48	125.30 -0.10 -126.46	131.24 0.29 -127.96	61.87 1.00 -49.86	23.47 0.83 -13.91	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.67 -59.98	52.04 0.01 -51.85	64.38 -0.46 -70.50	40.77 -0.12 -42.43	26.31 1.08 -12.15	21.20 1.47 -3.67
HOLTSVILLE_IC_2 23691	19.74 0.61 -12.68	41.05 -0.32 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	55.14 -0.05 -55.76	137.62 -0.27 -140.78	120.31 -0.10 -121.47	124.87 0.27 -121.61	59.52 0.95 -47.57	23.43 0.79 -13.91	38.15 0.38 -33.53	71.04 0.15 -69.07	31.54 0.22 -28.33	106.57 0.65 -97.05	37.08 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.79 -0.11 -42.43	26.23 1.01 -12.15	21.12 1.39 -3.67
HOLTSVILLE_IC_3 23692	19.74 0.61 -12.68	41.05 -0.32 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	55.14 -0.05 -55.76	137.62 -0.27 -140.78	120.31 -0.10 -121.47	124.87 0.27 -121.61	59.52 0.95 -47.57	23.43 0.79 -13.91	38.15 0.38 -33.53	71.04 0.15 -69.07	31.54 0.22 -28.33	106.57 0.65 -97.05	37.08 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.79 -0.11 -42.43	26.23 1.01 -12.15	21.12 1.39 -3.67

HOLTSVILLE_IC_4 23693	19.74 0.61 -12.68	41.05 -0.32 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	55.14 -0.05 -55.76	137.62 -0.27 -140.78	120.31 -0.10 -121.47	124.87 0.27 -121.61	59.52 0.95 -47.57	23.43 0.79 -13.91	38.15 0.38 -33.53	71.04 0.15 -69.07	31.54 0.22 -28.33	106.57 0.65 -97.05	37.08 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.79 -0.11 -42.43	26.23 1.01 -12.15	21.12 1.39 -3.67
HOLTSVILLE_IC_5 23694	19.74 0.61 -12.68	41.05 -0.32 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	55.14 -0.05 -55.76	137.62 -0.27 -140.78	120.31 -0.10 -121.47	124.87 0.27 -121.61	59.52 0.95 -47.57	23.43 0.79 -13.91	38.15 0.38 -33.53	71.04 0.15 -69.07	31.54 0.22 -28.33	106.57 0.65 -97.05	37.08 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.79 -0.11 -42.43	26.23 1.01 -12.15	21.12 1.39 -3.67
HOLTSVILLE_IC_6 23695	19.77 0.64 -12.68	41.04 -0.34 -44.75	19.22 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.41 -0.05 -58.04	144.31 -0.28 -147.48	125.30 -0.10 -126.46	131.24 0.29 -127.96	61.87 1.00 -49.86	23.47 0.83 -13.91	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.67 -59.98	52.04 0.01 -51.85	64.38 -0.46 -70.50	40.77 -0.12 -42.43	26.31 1.08 -12.15	21.20 1.47 -3.67
HOLTSVILLE_IC_7 23696	19.77 0.64 -12.68	41.04 -0.34 -44.75	19.22 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.41 -0.05 -58.04	144.31 -0.28 -147.48	125.30 -0.10 -126.46	131.24 0.29 -127.96	61.87 1.00 -49.86	23.47 0.83 -13.91	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.67 -59.98	52.04 0.01 -51.85	64.38 -0.46 -70.50	40.77 -0.12 -42.43	26.31 1.08 -12.15	21.20 1.47 -3.67
HOLTSVILLE_IC_8 23697	19.77 0.64 -12.68	41.04 -0.34 -44.75	19.22 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.41 -0.05 -58.04	144.31 -0.28 -147.48	125.30 -0.10 -126.46	131.24 0.29 -127.96	61.87 1.00 -49.86	23.47 0.83 -13.91	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.67 -59.98	52.04 0.01 -51.85	64.38 -0.46 -70.50	40.77 -0.12 -42.43	26.31 1.08 -12.15	21.20 1.47 -3.67
HOLTSVILLE_IC_9 23698	19.77 0.64 -12.68	41.04 -0.34 -44.75	19.22 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.41 -0.05 -58.04	144.31 -0.28 -147.48	125.30 -0.10 -126.46	131.24 0.29 -127.96	61.87 1.00 -49.86	23.47 0.83 -13.91	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.67 -59.98	52.04 0.01 -51.85	64.38 -0.46 -70.50	40.77 -0.12 -42.43	26.31 1.08 -12.15	21.20 1.47 -3.67
HOMER_HL_115KV_TB2 355744	9.05 0.03 -2.57	1.24 -0.09 -4.71	3.08 -0.02 -4.12	4.10 0.00 -3.85	4.20 0.01 -3.72	3.48 -0.02 -4.07	2.81 -0.12 -5.81	4.83 -0.05 -5.95	6.77 0.05 -3.72	13.59 0.29 -2.30	11.29 0.20 -2.36	7.69 0.06 -3.38	5.81 0.05 -3.95	7.18 0.06 -4.13	10.99 0.11 -2.00	8.14 0.09 -2.49	7.34 0.08 -2.98	4.95 0.02 -3.48	10.58 0.03 -1.75	8.48 -0.01 -8.32	4.24 -0.10 -10.01	3.18 -0.03 -4.75	14.41 -0.01 -1.35	16.58 0.06 -0.45
HOWARD_WT_PWR 323690	8.92 -0.21 -2.68	1.63 0.10 -4.90	3.31 0.03 -4.29	4.25 -0.01 -4.01	4.33 -0.01 -3.88	3.68 0.01 -4.24	3.20 0.04 -6.05	5.14 0.02 -6.19	6.80 -0.06 -3.88	13.18 -0.22 -2.40	11.04 -0.14 -2.45	7.70 -0.06 -3.52	5.90 -0.02 -4.11	7.22 -0.07 -4.30	10.71 -0.24 -2.08	8.09 -0.08 -2.59	7.38 -0.01 -3.10	5.07 0.00 -3.63	10.45 -0.16 -1.82	8.82 -0.02 -8.67	4.77 0.00 -10.43	3.43 0.02 -4.95	13.95 -0.52 -1.41	15.84 -0.70 -0.47
HQ_GEN_CEDARS 23644	6.36 -0.10 0.00	-6.01 0.08 2.71	-19.92 0.02 18.93	-19.41 0.00 19.66	-17.36 -0.01 17.81	-5.32 0.01 4.76	-2.83 0.06 0.00	-1.04 0.02 0.00	2.93 -0.06 0.00	10.79 -0.22 0.00	8.55 -0.18 0.00	4.16 -0.08 0.00	1.77 -0.04 0.00	2.93 -0.07 0.00	8.70 -0.18 0.00	5.45 -0.12 0.00	4.18 -0.10 0.00	1.41 -0.04 0.00	8.61 -0.19 0.00	0.17 -0.01 0.00	-5.55 0.12 0.00	-1.52 0.02 0.00	12.92 -0.15 0.00	15.84 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	6.36 -0.10 0.00	-6.01 0.08 2.71	-19.92 0.02 18.93	-19.41 0.00 19.66	-17.36 -0.01 17.81	-5.32 0.01 4.76	-2.83 0.06 0.00	-1.04 0.02 0.00	2.93 -0.06 0.00	10.97 -0.22 -0.18	8.55 -0.18 0.00	4.16 -0.08 0.00	1.77 -0.04 0.00	2.93 -0.07 0.00	8.70 -0.18 0.00	5.45 -0.12 0.00	4.18 -0.10 0.00	1.41 -0.04 0.00	8.61 -0.19 0.00	0.16 -0.01 0.00	-5.55 0.12 0.00	-1.52 0.02 0.00	13.04 -0.15 -0.12	15.84 -0.22 0.00
HQ_GEN_IMPORT 323601	6.37 -0.08 0.00	-3.89 0.06 0.57	-4.96 0.02 3.96	-3.86 0.00 4.11	-3.26 -0.01 3.73	-0.94 0.01 0.37	-2.84 0.05 0.00	-1.04 0.02 0.00	3.20 -0.05 -0.25	10.84 -0.16 0.00	8.60 -0.12 0.00	4.18 -0.06 0.00	1.78 -0.03 0.00	2.95 -0.05 0.00	8.75 -0.13 0.00	5.48 -0.09 0.00	4.22 -0.07 0.00	1.42 -0.03 0.00	8.67 -0.13 0.00	0.17 0.00 0.00	-5.57 0.10 0.00	-1.52 0.02 0.00	12.91 -0.16 0.00	15.85 -0.21 0.00
HQ_GEN_WHEEL 23651	6.37 -0.08 0.00	-3.89 0.06 0.57	-4.96 0.02 3.96	-3.86 0.00 4.11	-3.26 -0.01 3.73	-0.94 0.01 0.37	-2.84 0.05 0.00	-1.04 0.02 0.00	3.20 -0.05 -0.25	10.84 -0.16 0.00	8.60 -0.12 0.00	4.18 -0.06 0.00	1.78 -0.03 0.00	2.95 -0.05 0.00	8.75 -0.13 0.00	5.48 -0.09 0.00	4.22 -0.07 0.00	1.42 -0.03 0.00	8.67 -0.13 0.00	0.17 0.00 0.00	-5.57 0.10 0.00	-1.52 0.02 0.00	12.91 -0.16 0.00	15.85 -0.21 0.00
HUDSON_AVE_GT_3 23810	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.79 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.14 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.43 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.27 1.02 -2.18
HUDSON_AVE_GT_4 23540	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.79 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.14 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.43 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.27 1.02 -2.18
HUDSON_AVE_GT_5 23657	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.79 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.14 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.43 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.85 0.58 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.27 1.02 -2.18

HUDSON_AVE_10 24168	19.30 0.40 -12.44	19.21 -0.20 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.99 0.76 -11.23	20.72 0.59 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.43 0.82 -6.54	19.22 0.97 -2.18
HUDSON___115KV_TB 4 355613	21.80 0.33 -15.01	23.95 -0.18 -27.51	23.01 -0.05 -24.08	22.74 0.01 -22.48	22.24 0.03 -21.74	23.15 -0.03 -23.75	30.89 -0.15 -33.93	33.61 -0.06 -34.73	24.88 0.14 -21.74	24.93 0.49 -13.43	22.83 0.36 -13.74	24.14 0.18 -19.72	24.89 0.08 -23.00	27.11 0.13 -23.98	20.89 0.35 -11.66	20.32 0.23 -14.52	21.85 0.18 -17.38	21.83 0.06 -20.32	19.43 0.43 -10.19	48.74 0.01 -48.56	52.47 -0.31 -58.46	26.10 -0.08 -27.72	21.63 0.68 -7.87	19.52 0.83 -2.63
HUNTER MOUNT___DRP 323613	21.34 0.35 -14.54	23.08 -0.18 -26.64	22.25 -0.05 -23.32	22.04 0.01 -21.77	21.56 0.03 -21.06	22.40 -0.03 -23.00	29.81 -0.16 -32.86	32.50 -0.06 -33.63	24.20 0.15 -21.05	24.50 0.49 -13.01	22.38 0.35 -13.31	23.52 0.17 -19.10	24.18 0.07 -22.29	26.39 0.13 -23.27	20.51 0.34 -11.30	19.86 0.22 -14.07	21.30 0.18 -16.84	21.20 0.06 -19.68	19.13 0.45 -9.88	47.23 0.01 -47.05	50.62 -0.34 -56.63	25.23 -0.09 -26.86	21.43 0.73 -7.63	19.50 0.88 -2.55
HUNTINGTON_RES_REC 323705	19.71 0.58 -12.68	41.07 -0.30 -44.75	19.13 -0.09 -20.24	19.02 0.02 -18.75	21.14 0.04 -20.63	-7.49 -0.05 6.87	-46.85 -0.26 43.70	-17.21 -0.10 16.05	-49.99 0.26 53.25	-3.62 0.91 15.53	23.38 0.74 -13.90	38.13 0.36 -33.53	71.03 0.15 -69.07	31.53 0.22 -28.33	106.57 0.65 -97.05	37.08 0.43 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.39 0.61 -59.98	52.03 0.01 -51.85	64.42 -0.41 -70.50	40.79 -0.10 -42.43	26.15 0.96 -12.12	21.05 1.32 -3.67
HUNTLEY___63 23557	8.40 -0.26 -2.20	0.65 0.00 -4.03	2.51 0.00 -3.53	3.55 0.00 -3.29	3.65 -0.01 -3.19	2.91 0.00 -3.48	2.09 0.00 -4.98	4.02 -0.01 -5.09	6.06 -0.12 -3.18	12.70 -0.28 -1.97	10.53 -0.21 -2.01	7.02 -0.12 -2.90	5.15 -0.04 -3.38	6.44 -0.09 -3.54	10.24 -0.35 -1.71	7.50 -0.20 -2.13	6.69 -0.14 -2.55	4.39 -0.04 -2.98	9.97 -0.33 -1.50	7.29 -0.01 -7.13	3.07 0.15 -8.58	2.57 0.05 -4.07	13.59 -0.64 -1.16	15.73 -0.72 -0.39
HUNTLEY___64 23558	8.40 -0.26 -2.20	0.65 0.00 -4.03	2.51 0.00 -3.53	3.55 0.00 -3.29	3.65 -0.01 -3.19	2.91 0.00 -3.48	2.09 0.00 -4.98	4.02 -0.01 -5.09	6.06 -0.12 -3.18	12.70 -0.28 -1.97	10.53 -0.21 -2.01	7.02 -0.12 -2.90	5.15 -0.04 -3.38	6.44 -0.09 -3.54	10.24 -0.35 -1.71	7.50 -0.20 -2.13	6.69 -0.14 -2.55	4.39 -0.04 -2.98	9.97 -0.33 -1.50	7.29 -0.01 -7.13	3.07 0.15 -8.58	2.57 0.05 -4.07	13.59 -0.64 -1.16	15.73 -0.72 -0.39
HUNTLEY___65 23559	8.40 -0.26 -2.20	0.65 0.00 -4.03	2.51 0.00 -3.53	3.55 0.00 -3.29	3.65 -0.01 -3.19	2.91 0.00 -3.48	2.09 0.00 -4.98	4.02 -0.01 -5.09	6.06 -0.12 -3.18	12.70 -0.28 -1.97	10.53 -0.21 -2.01	7.02 -0.12 -2.90	5.15 -0.04 -3.38	6.44 -0.09 -3.54	10.24 -0.35 -1.71	7.50 -0.20 -2.13	6.69 -0.14 -2.55	4.39 -0.04 -2.98	9.97 -0.33 -1.50	7.29 -0.01 -7.13	3.07 0.15 -8.58	2.57 0.05 -4.07	13.59 -0.64 -1.16	15.73 -0.72 -0.39
HUNTLEY___66 23560	8.40 -0.26 -2.20	0.65 0.00 -4.03	2.51 0.00 -3.53	3.55 0.00 -3.29	3.65 -0.01 -3.19	2.91 0.00 -3.48	2.09 0.00 -4.98	4.02 -0.01 -5.09	6.06 -0.12 -3.18	12.70 -0.28 -1.97	10.53 -0.21 -2.01	7.02 -0.12 -2.90	5.15 -0.04 -3.38	6.44 -0.09 -3.54	10.24 -0.35 -1.71	7.50 -0.20 -2.13	6.69 -0.14 -2.55	4.39 -0.04 -2.98	9.97 -0.33 -1.50	7.29 -0.01 -7.13	3.07 0.15 -8.58	2.57 0.05 -4.07	13.59 -0.64 -1.16	15.73 -0.72 -0.39
HUNTLEY___67 23561	8.41 -0.28 -2.24	0.75 0.03 -4.10	2.58 0.01 -3.59	3.60 -0.01 -3.35	3.70 -0.01 -3.24	2.97 0.00 -3.54	2.19 0.02 -5.06	4.10 -0.01 -5.17	6.09 -0.14 -3.24	12.66 -0.34 -2.00	10.52 -0.26 -2.05	7.05 -0.13 -2.94	5.21 -0.04 -3.44	6.49 -0.10 -3.59	10.23 -0.39 -1.74	7.52 -0.22 -2.17	6.72 -0.16 -2.60	4.43 -0.05 -3.03	9.93 -0.39 -1.52	7.40 -0.02 -7.24	3.21 0.16 -8.72	2.64 0.05 -4.14	13.53 -0.71 -1.18	15.66 -0.80 -0.39
HUNTLEY___68 23562	8.41 -0.28 -2.24	0.75 0.03 -4.10	2.58 0.01 -3.59	3.60 -0.01 -3.35	3.70 -0.01 -3.24	2.97 0.00 -3.54	2.19 0.02 -5.06	4.10 -0.01 -5.17	6.09 -0.14 -3.24	12.66 -0.34 -2.00	10.52 -0.26 -2.05	7.05 -0.13 -2.94	5.21 -0.04 -3.44	6.49 -0.10 -3.59	10.23 -0.39 -1.74	7.52 -0.22 -2.17	6.72 -0.16 -2.60	4.43 -0.05 -3.03	9.93 -0.39 -1.52	7.40 -0.02 -7.24	3.21 0.16 -8.72	2.64 0.05 -4.14	13.53 -0.71 -1.18	15.66 -0.80 -0.39
HYLAND___LFGE 323620	8.71 0.05 -2.21	0.61 -0.06 -4.05	2.51 -0.02 -3.55	3.57 0.00 -3.31	3.68 0.01 -3.20	2.91 -0.02 -3.50	1.99 -0.12 -5.00	4.00 -0.05 -5.12	6.17 -0.02 -3.20	12.90 -0.08 -1.98	10.69 -0.06 -2.02	7.12 -0.03 -2.91	5.21 -0.01 -3.40	6.53 -0.02 -3.55	10.52 -0.08 -1.72	7.79 0.08 -2.14	6.93 0.08 -2.56	4.48 0.04 -3.00	10.43 0.12 -1.50	7.33 -0.01 -7.16	2.73 -0.23 -8.62	2.49 -0.05 -4.09	14.33 0.10 -1.16	16.53 0.08 -0.39
INDECK___CORINTH 23802	22.91 0.34 -16.12	25.98 -0.17 -29.52	24.78 -0.05 -25.84	24.39 0.01 -24.13	23.84 0.03 -23.34	24.90 -0.03 -25.50	33.46 -0.15 -36.50	36.24 -0.06 -37.37	26.54 0.14 -23.41	25.95 0.49 -14.46	23.94 0.41 -14.79	25.66 0.19 -21.23	26.64 0.09 -24.74	28.91 0.14 -25.77	21.82 0.40 -12.55	21.47 0.27 -15.63	23.19 0.22 -18.69	23.35 0.08 -21.82	20.26 0.51 -10.95	52.34 0.02 -52.15	56.79 -0.32 -62.78	28.15 -0.08 -29.77	22.22 0.69 -8.46	19.74 0.85 -2.82
INDECK___ILION 23567	6.49 0.04 0.00	-3.28 -0.02 -0.12	-0.19 0.00 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.91 -0.03 0.00	-1.07 -0.01 0.00	3.01 0.02 0.00	11.04 0.04 0.00	8.75 0.02 0.00	4.24 0.00 0.00	1.82 0.00 0.00	3.00 0.00 0.00	8.85 -0.02 0.00	5.55 -0.02 0.00	4.28 0.00 0.00	1.45 0.00 0.00	8.84 0.04 0.00	0.17 0.00 0.00	-5.71 -0.05 0.00	-1.55 -0.01 0.00	13.12 0.05 0.00	16.13 0.06 0.00
INDECK___OLEAN 23982	9.05 0.03 -2.57	1.24 -0.09 -4.71	3.08 -0.02 -4.12	4.10 0.00 -3.85	4.20 0.01 -3.72	3.48 -0.02 -4.07	2.81 -0.12 -5.81	4.83 -0.06 -5.95	6.77 0.06 -3.72	13.59 0.29 -2.30	11.29 0.20 -2.36	7.69 0.06 -3.38	5.81 0.05 -3.95	7.18 0.06 -4.13	10.99 0.11 -2.00	8.14 0.09 -2.49	7.34 0.08 -2.98	4.95 0.02 -3.48	10.58 0.03 -1.75	8.47 -0.01 -8.32	4.23 -0.11 -10.01	3.18 -0.02 -4.75	14.41 -0.01 -1.35	16.57 0.06 -0.45
INDECK___OSWEGO 23783	7.49 -0.21 -1.25	-1.08 0.10 -2.21	0.44 0.03 -1.43	1.52 -0.01 -1.27	1.73 -0.01 -1.27	1.27 0.01 -1.83	0.00 0.06 -2.83	1.85 0.02 -2.89	4.72 -0.09 -1.81	11.81 -0.32 -1.12	9.62 -0.26 -1.15	5.75 -0.13 -1.65	3.68 -0.05 -1.92	4.92 -0.09 -2.01	9.58 -0.26 -0.97	6.62 -0.16 -1.21	5.62 -0.12 -1.45	3.11 -0.04 -1.70	9.41 -0.24 -0.85	4.22 -0.01 -4.05	-0.66 0.13 -4.87	0.81 0.04 -2.31	13.37 -0.36 -0.66	15.89 -0.40 -0.22

INDECK___YERKES 23781	8.41 -0.25 -2.20	0.65 0.00 -4.03	2.51 0.00 -3.53	3.55 0.00 -3.29	3.65 -0.01 -3.19	2.91 0.00 -3.48	2.09 0.00 -4.98	4.02 -0.01 -5.09	6.06 -0.11 -3.18	12.71 -0.27 -1.97	10.55 -0.20 -2.01	7.02 -0.11 -2.90	5.16 -0.04 -3.38	6.45 -0.09 -3.54	10.25 -0.34 -1.71	7.51 -0.20 -2.13	6.70 -0.14 -2.55	4.39 -0.04 -2.98	9.98 -0.32 -1.50	7.29 -0.02 -7.13	3.06 0.15 -8.58	2.57 0.04 -4.07	13.60 -0.63 -1.16	15.75 -0.70 -0.39
INDIAN POINT_GT_1 24139	19.15 0.38 -12.31	18.98 -0.20 -22.56	18.67 -0.06 -19.75	18.70 0.02 -18.43	18.33 0.03 -17.83	18.88 -0.03 -19.48	24.79 -0.16 -27.84	27.67 -0.05 -28.79	21.28 0.19 -18.11	22.88 0.68 -11.20	20.67 0.54 -11.40	20.89 0.27 -16.38	21.13 0.11 -19.20	23.37 0.19 -20.19	19.17 0.59 -9.70	18.02 0.37 -12.08	19.02 0.28 -14.46	18.43 0.09 -16.89	17.79 0.51 -8.48	40.55 0.01 -40.37	42.58 -0.35 -48.59	21.42 -0.09 -23.05	20.36 0.75 -6.55	19.15 0.90 -2.19
INDIAN POINT_GT_2 23659	19.15 0.38 -12.31	18.98 -0.20 -22.56	18.67 -0.06 -19.75	18.70 0.02 -18.43	18.33 0.03 -17.83	18.88 -0.03 -19.48	24.79 -0.16 -27.84	27.67 -0.05 -28.79	21.28 0.19 -18.11	22.88 0.68 -11.20	20.67 0.54 -11.40	20.89 0.27 -16.38	21.13 0.11 -19.20	23.37 0.19 -20.19	19.17 0.59 -9.70	18.02 0.37 -12.08	19.02 0.28 -14.46	18.43 0.09 -16.89	17.79 0.51 -8.48	40.55 0.01 -40.37	42.58 -0.35 -48.59	21.42 -0.09 -23.05	20.36 0.75 -6.55	19.15 0.90 -2.19
INDIAN POINT_GT_3 24019	19.15 0.38 -12.31	18.98 -0.20 -22.56	18.67 -0.06 -19.75	18.70 0.02 -18.43	18.33 0.03 -17.83	18.88 -0.03 -19.48	24.79 -0.16 -27.84	27.67 -0.05 -28.79	21.28 0.19 -18.11	22.88 0.68 -11.20	20.67 0.54 -11.40	20.89 0.27 -16.38	21.13 0.11 -19.20	23.37 0.19 -20.19	19.17 0.59 -9.70	18.02 0.37 -12.08	19.02 0.28 -14.46	18.43 0.09 -16.89	17.79 0.51 -8.48	40.55 0.01 -40.37	42.58 -0.35 -48.59	21.42 -0.09 -23.05	20.36 0.75 -6.55	19.15 0.90 -2.19
INDIAN POINT___2 23530	18.97 0.38 -12.14	18.65 -0.20 -22.23	18.39 -0.06 -19.46	18.44 0.02 -18.17	18.07 0.03 -17.58	18.60 -0.03 -19.20	24.39 -0.16 -27.44	27.38 -0.05 -28.49	21.35 0.20 -18.16	22.90 0.71 -11.19	20.36 0.53 -11.10	20.45 0.26 -15.95	20.61 0.11 -18.69	22.83 0.19 -19.64	18.91 0.59 -9.44	17.70 0.37 -11.76	18.63 0.28 -14.07	17.98 0.09 -16.44	17.55 0.50 -8.25	39.47 0.01 -39.29	41.29 -0.34 -47.30	20.80 -0.09 -22.43	20.17 0.73 -6.37	19.07 0.88 -2.13
INDIAN POINT___3 23531	19.15 0.38 -12.32	18.99 -0.20 -22.57	18.68 -0.05 -19.76	18.71 0.02 -18.44	18.34 0.03 -17.85	18.89 -0.03 -19.49	24.81 -0.16 -27.86	27.41 -0.05 -28.52	21.03 0.18 -17.86	22.71 0.66 -11.05	20.54 0.52 -11.29	20.71 0.26 -16.21	20.93 0.11 -19.00	23.16 0.19 -19.97	19.06 0.58 -9.60	17.89 0.36 -11.96	18.86 0.27 -14.31	18.25 0.09 -16.72	17.69 0.50 -8.39	40.13 0.00 -39.95	42.08 -0.34 -48.09	21.18 -0.09 -22.81	20.28 0.73 -6.48	19.11 0.88 -2.16
INGHAM_C_115KV_TB7 356103	6.53 0.07 0.00	-3.30 -0.04 -0.12	-0.19 -0.01 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.93 -0.04 0.00	-1.08 -0.02 0.00	3.02 0.03 0.00	11.03 0.03 0.00	8.73 0.00 0.00	4.23 -0.01 0.00	1.81 0.00 0.00	2.98 -0.02 0.00	8.78 -0.09 0.00	5.51 -0.07 0.00	4.25 -0.03 0.00	1.44 -0.01 0.00	8.82 0.02 0.00	0.16 -0.01 0.00	-5.73 -0.06 0.00	-1.56 -0.02 0.00	13.11 0.04 0.00	16.13 0.07 0.00
IP CORINTH___1 23988	22.91 0.34 -16.12	25.98 -0.17 -29.52	24.78 -0.05 -25.84	24.39 0.01 -24.13	23.84 0.03 -23.34	24.90 -0.03 -25.50	33.46 -0.15 -36.50	36.24 -0.06 -37.37	26.55 0.14 -23.41	25.95 0.49 -14.46	23.94 0.41 -14.79	25.66 0.19 -21.23	26.64 0.08 -24.74	28.91 0.14 -25.77	21.82 0.40 -12.55	21.47 0.27 -15.63	23.19 0.22 -18.69	23.35 0.08 -21.82	20.26 0.51 -10.95	52.34 0.02 -52.15	56.79 -0.32 -62.78	28.15 -0.08 -29.77	22.22 0.69 -8.46	19.74 0.85 -2.82
IP___TICONDEROGA 23804	23.23 0.69 -16.09	25.76 -0.34 -29.48	24.70 -0.09 -25.81	24.37 0.02 -24.09	23.83 0.05 -23.31	24.83 -0.06 -25.47	33.26 -0.30 -36.45	36.12 -0.13 -37.31	26.64 0.28 -23.37	26.42 0.98 -14.44	24.41 0.91 -14.77	25.87 0.43 -21.20	26.70 0.18 -24.70	29.03 0.31 -25.72	22.29 0.88 -12.53	21.78 0.61 -15.61	23.46 0.52 -18.66	23.41 0.18 -21.79	20.83 1.10 -10.93	52.29 0.04 -52.07	56.38 -0.63 -62.68	28.01 -0.17 -29.73	23.00 1.48 -8.44	20.78 1.90 -2.82
ISLIP_RES_REC 323679	19.80 0.67 -12.68	41.02 -0.35 -44.75	19.21 -0.11 -20.33	19.13 0.03 -18.85	21.15 0.05 -20.63	53.99 -0.05 -54.62	134.22 -0.30 -137.41	117.78 -0.11 -118.95	121.71 0.30 -118.42	58.48 1.06 -46.42	23.51 0.87 -13.91	38.19 0.41 -33.53	71.05 0.17 -69.07	31.56 0.24 -28.33	106.65 0.72 -97.05	37.14 0.49 -31.08	33.92 0.36 -29.27	28.96 0.12 -27.40	69.50 0.72 -59.98	52.04 0.01 -51.85	64.35 -0.49 -70.50	40.77 -0.13 -42.43	26.36 1.14 -12.15	21.26 1.53 -3.67
JAMAICA__27_KV_LOAD 355505	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.06 -0.19 -28.14	27.77 -0.06 -28.90	21.39 0.23 -18.17	23.07 0.83 -11.23	20.74 0.61 -11.40	20.92 0.31 -16.37	21.15 0.14 -19.19	23.40 0.23 -20.17	19.30 0.73 -9.69	18.09 0.45 -12.08	19.06 0.34 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.46 -0.43 -48.56	21.38 -0.11 -23.03	20.50 0.88 -6.54	19.25 1.00 -2.18
JANIS___SOLAR 323808	10.11 0.16 -3.49	2.92 -0.10 -6.40	4.55 -0.03 -5.60	5.49 0.01 -5.23	5.54 0.01 -5.06	4.93 -0.02 -5.53	4.89 -0.12 -7.90	6.96 -0.05 -8.08	8.13 0.08 -5.06	14.29 0.15 -3.13	11.99 0.06 -3.20	8.84 0.01 -4.60	7.19 0.01 -5.37	8.62 0.01 -5.61	11.61 0.02 -2.72	8.98 0.03 -3.39	8.40 0.06 -4.05	6.22 0.04 -4.73	11.46 0.28 -2.38	11.50 0.01 -11.31	7.69 -0.26 -13.61	4.86 -0.06 -6.46	15.28 0.37 -1.84	17.10 0.42 -0.61
JARVIS____ 23743	6.45 0.00 0.00	-3.26 0.00 -0.12	-0.18 0.00 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.89 -0.01 0.00	-1.07 0.00 0.00	2.99 0.00 0.00	11.01 0.00 0.00	8.73 0.00 0.00	4.24 0.00 0.00	1.81 0.00 0.00	3.00 0.00 0.00	8.88 0.00 0.00	5.57 0.00 0.00	4.29 0.00 0.00	1.45 0.00 0.00	8.81 0.01 0.00	0.17 0.00 0.00	-5.68 -0.01 0.00	-1.54 0.00 0.00	13.07 0.00 0.00	16.08 0.01 0.00
JENNISON___1 23625	11.07 0.25 -4.36	4.47 -0.14 -8.00	5.94 -0.04 -7.00	6.80 0.01 -6.53	6.81 0.02 -6.32	6.30 -0.03 -6.91	6.82 -0.16 -9.87	8.97 -0.07 -10.10	9.45 0.14 -6.32	15.35 0.44 -3.91	13.03 0.31 -4.00	10.12 0.13 -5.74	8.58 0.06 -6.71	10.11 0.10 -7.02	12.55 0.28 -3.40	9.98 0.18 -4.23	9.51 0.17 -5.06	7.42 0.06 -5.91	12.17 0.40 -2.97	14.32 0.02 -14.13	11.03 -0.31 -17.01	6.45 -0.08 -8.07	15.88 0.52 -2.29	17.44 0.61 -0.76
JENNISON___2 23626	11.07 0.25 -4.36	4.47 -0.14 -8.00	5.94 -0.04 -7.00	6.80 0.01 -6.53	6.81 0.02 -6.32	6.30 -0.03 -6.91	6.82 -0.16 -9.87	8.97 -0.07 -10.10	9.45 0.14 -6.32	15.35 0.44 -3.91	13.03 0.31 -4.00	10.12 0.13 -5.74	8.58 0.06 -6.71	10.11 0.10 -7.02	12.55 0.28 -3.40	9.98 0.18 -4.23	9.51 0.17 -5.06	7.42 0.06 -5.91	12.17 0.40 -2.97	14.32 0.02 -14.13	11.03 -0.31 -17.01	6.45 -0.08 -8.07	15.88 0.52 -2.29	17.44 0.61 -0.76

JERICO_RISE_WT_PWR 323719	6.46 0.01 0.00	-6.00 0.15 2.78	-20.43 0.03 19.45	-19.96 -0.01 20.21	-17.86 -0.03 18.31	-7.44 0.03 6.90	-2.77 0.12 0.00	-1.04 0.03 0.00	2.87 -0.12 0.00	10.69 -0.31 0.00	8.55 -0.18 0.00	4.15 -0.09 0.00	1.78 -0.03 0.00	2.93 -0.07 0.00	8.65 -0.22 0.00	5.37 -0.20 0.00	4.10 -0.18 0.00	1.39 -0.06 0.00	8.58 -0.22 0.00	0.16 -0.02 0.00	-5.50 0.17 0.00	-1.51 0.03 0.00	12.98 -0.10 0.00	16.01 -0.06 0.00
KATONAH__115KV_46KV_TB4 355592	19.47 0.41 -12.60	19.50 -0.21 -23.09	19.13 -0.06 -20.21	19.14 0.02 -18.87	18.75 0.03 -18.25	19.33 -0.03 -19.94	25.43 -0.18 -28.50	28.08 -0.06 -29.20	21.51 0.20 -18.31	23.05 0.72 -11.33	20.85 0.58 -11.54	21.11 0.28 -16.58	21.37 0.12 -19.43	23.63 0.20 -20.43	19.32 0.63 -9.82	18.19 0.39 -12.23	19.21 0.30 -14.63	18.64 0.10 -17.10	17.93 0.56 -8.58	41.04 0.01 -40.86	43.14 -0.37 -49.18	21.69 -0.10 -23.33	20.49 0.79 -6.63	19.23 0.96 -2.21
KCE_NY_1 323755	22.85 0.34 -16.06	25.87 -0.17 -29.42	24.69 -0.05 -25.76	24.31 0.01 -24.04	23.76 0.03 -23.26	24.81 -0.03 -25.41	33.32 -0.16 -36.37	36.11 -0.06 -37.23	26.47 0.15 -23.32	25.93 0.52 -14.41	23.88 0.41 -14.74	25.59 0.20 -21.15	26.54 0.09 -24.64	28.80 0.14 -25.66	21.78 0.40 -12.50	21.40 0.26 -15.57	23.11 0.21 -18.62	23.26 0.08 -21.74	20.20 0.49 -10.91	52.14 0.01 -51.96	56.56 -0.31 -62.54	28.04 -0.08 -29.66	22.16 0.66 -8.43	19.69 0.81 -2.81
KCE_NY_6_ESR 323823	8.58 -0.20 -2.33	0.88 0.00 -4.27	2.72 0.00 -3.73	3.74 0.00 -3.48	3.84 0.00 -3.37	3.11 0.00 -3.68	2.36 -0.01 -5.27	4.30 -0.03 -5.38	6.26 -0.10 -3.37	12.88 -0.21 -2.08	10.72 -0.14 -2.13	7.23 -0.07 -3.06	5.37 -0.02 -3.58	6.68 -0.06 -3.74	10.43 -0.25 -1.81	7.70 -0.13 -2.26	6.89 -0.10 -2.70	4.58 -0.03 -3.16	10.11 -0.28 -1.58	7.70 -0.02 -7.54	3.50 0.09 -9.08	2.80 0.03 -4.31	13.75 -0.55 -1.22	15.86 -0.62 -0.41
KEDC_PORT_JEFF_GT2 24210	19.76 0.63 -12.68	41.04 -0.33 -44.75	19.23 -0.10 -20.34	19.15 0.03 -18.87	21.14 0.05 -20.63	62.05 -0.05 -62.67	157.95 -0.28 -161.12	135.47 -0.10 -136.63	144.17 0.29 -140.89	66.53 1.00 -54.53	23.47 0.82 -13.92	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.68 -59.98	52.04 0.01 -51.85	64.39 -0.45 -70.50	40.78 -0.11 -42.43	26.29 1.06 -12.16	21.18 1.45 -3.67
KEDC_PORT_JEFF_GT3 24211	19.76 0.63 -12.68	41.04 -0.33 -44.75	19.23 -0.10 -20.34	19.15 0.03 -18.87	21.14 0.05 -20.63	62.05 -0.05 -62.67	157.95 -0.28 -161.12	135.47 -0.10 -136.63	144.17 0.29 -140.89	66.53 1.00 -54.53	23.47 0.82 -13.92	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.68 -59.98	52.04 0.01 -51.85	64.39 -0.45 -70.50	40.78 -0.11 -42.43	26.29 1.06 -12.16	21.18 1.45 -3.67
KEDC_GLWD_GT4 24219	19.63 0.50 -12.68	41.11 -0.26 -44.75	19.19 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.43 -0.22 -34.54	41.14 -0.07 -42.27	24.14 0.24 -20.91	23.07 0.83 -11.23	23.31 0.67 -13.91	38.10 0.33 -33.53	71.02 0.14 -69.07	31.55 0.23 -28.33	106.65 0.73 -97.05	37.10 0.46 -31.08	33.89 0.33 -29.27	28.94 0.10 -27.40	69.36 0.57 -59.98	52.03 0.00 -51.85	64.44 -0.40 -70.50	40.79 -0.10 -42.43	26.07 0.86 -12.14	20.90 1.17 -3.67
KEDC_GLWD_GT5 24220	19.63 0.50 -12.68	41.11 -0.26 -44.75	19.19 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.43 -0.22 -34.54	41.14 -0.07 -42.27	24.14 0.24 -20.91	23.07 0.83 -11.23	23.31 0.67 -13.91	38.10 0.33 -33.53	71.02 0.14 -69.07	31.55 0.23 -28.33	106.65 0.73 -97.05	37.10 0.46 -31.08	33.89 0.33 -29.27	28.94 0.10 -27.40	69.36 0.57 -59.98	52.03 0.00 -51.85	64.44 -0.40 -70.50	40.79 -0.10 -42.43	26.07 0.86 -12.14	20.90 1.17 -3.67
KENSICO____ 23655	19.27 0.40 -12.42	19.16 -0.20 -22.75	18.84 -0.06 -19.92	18.86 0.02 -18.59	18.48 0.03 -17.98	19.04 -0.03 -19.65	25.02 -0.17 -28.08	27.73 -0.05 -28.85	21.33 0.19 -18.14	22.92 0.70 -11.21	20.66 0.56 -11.38	20.86 0.27 -16.34	21.08 0.12 -19.15	23.32 0.20 -20.13	19.16 0.61 -9.68	18.00 0.38 -12.05	18.99 0.29 -14.42	18.39 0.09 -16.85	17.78 0.52 -8.45	40.44 0.01 -40.26	42.44 -0.36 -48.46	21.35 -0.09 -22.98	20.36 0.76 -6.53	19.17 0.92 -2.18
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.51 0.46 -11.59	17.62 -0.24 -21.24	17.50 -0.07 -18.59	17.63 0.02 -17.36	17.30 0.03 -16.79	17.73 -0.04 -18.34	23.11 -0.21 -26.21	25.67 -0.07 -26.80	19.98 0.23 -16.76	22.20 0.82 -10.37	20.00 0.66 -10.62	19.80 0.31 -15.25	19.80 0.14 -17.85	21.95 0.22 -18.73	18.56 0.66 -9.03	17.21 0.40 -11.24	18.04 0.31 -13.45	17.27 0.10 -15.72	17.28 0.60 -7.88	37.74 0.01 -37.56	39.13 -0.41 -45.21	19.80 -0.11 -21.44	20.02 0.85 -6.09	19.11 1.01 -2.03
KIAC_JFK_GT1 23816	19.28 0.38 -12.44	19.22 -0.20 -22.79	18.88 -0.05 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.38 0.21 -18.17	23.00 0.76 -11.23	20.69 0.56 -11.40	20.90 0.28 -16.37	21.14 0.14 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.02 0.29 -14.45	18.42 0.09 -16.88	17.79 0.52 -8.47	40.52 0.01 -40.34	42.52 -0.37 -48.56	21.40 -0.09 -23.03	20.38 0.76 -6.54	19.16 0.91 -2.18
KIAC_JFK_GT2 23817	19.28 0.38 -12.44	19.22 -0.20 -22.79	18.88 -0.05 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.38 0.21 -18.17	23.00 0.76 -11.23	20.69 0.56 -11.40	20.90 0.28 -16.37	21.14 0.14 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.02 0.29 -14.45	18.42 0.09 -16.88	17.79 0.52 -8.47	40.52 0.01 -40.34	42.52 -0.37 -48.56	21.40 -0.09 -23.03	20.38 0.76 -6.54	19.16 0.91 -2.18
KIAC_JFK____ 323774	19.28 0.38 -12.44	19.22 -0.20 -22.79	18.88 -0.05 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.17 -28.14	27.78 -0.05 -28.90	21.38 0.21 -18.17	23.00 0.76 -11.23	20.69 0.56 -11.40	20.90 0.28 -16.37	21.14 0.14 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.02 0.29 -14.45	18.42 0.09 -16.88	17.79 0.52 -8.47	40.52 0.01 -40.34	42.52 -0.37 -48.56	21.40 -0.09 -23.03	20.38 0.76 -6.54	19.16 0.91 -2.18
KINTIGH____ 23543	8.15 -0.26 -1.96	0.24 0.04 -3.58	2.13 0.01 -3.14	3.18 -0.01 -2.93	3.29 -0.01 -2.83	2.52 0.00 -3.09	1.55 0.02 -4.42	3.45 -0.02 -4.52	5.69 -0.13 -2.83	12.43 -0.32 -1.75	10.27 -0.25 -1.79	6.69 -0.13 -2.57	4.77 -0.05 -3.01	6.04 -0.09 -3.14	10.04 -0.36 -1.52	7.26 -0.20 -1.90	6.41 -0.14 -2.27	4.05 -0.05 -2.65	9.76 -0.37 -1.33	6.49 -0.01 -6.34	2.11 0.15 -7.63	2.12 0.05 -3.62	13.45 -0.65 -1.03	15.69 -0.72 -0.34
KNTFSRNC_46_KV_46KV_LOAD 80397	6.53 0.08 0.00	-6.08 0.12 2.82	-20.72 0.02 19.73	-20.25 -0.01 20.49	-18.12 -0.02 18.57	-7.42 0.03 6.87	-2.82 0.07 0.00	-1.06 0.01 0.00	2.91 -0.08 0.00	10.81 -0.19 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.80 -0.01 0.00	2.96 -0.03 0.00	8.75 -0.12 0.00	5.43 -0.14 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.69 -0.11 0.00	0.16 -0.01 0.00	-5.58 0.09 0.00	-1.54 0.00 0.00	13.16 0.09 0.00	16.24 0.17 0.00

LACHUTE____HYDRO 323717	23.23 0.69 -16.09	25.76 -0.34 -29.48	24.70 -0.09 -25.81	24.37 0.02 -24.09	23.83 0.05 -23.31	24.83 -0.06 -25.47	33.26 -0.30 -36.45	36.12 -0.13 -37.31	26.64 0.28 -23.37	26.42 0.98 -14.44	24.41 0.91 -14.77	25.87 0.43 -21.20	26.70 0.18 -24.70	29.03 0.31 -25.72	22.29 0.88 -12.53	21.78 0.61 -15.61	23.46 0.52 -18.66	23.41 0.18 -21.79	20.83 1.10 -10.93	52.29 0.04 -52.07	56.38 -0.63 -62.68	28.01 -0.17 -29.73	23.00 1.48 -8.44	20.78 1.90 -2.82
LAWRNCV_115KV_TB1 80681	6.34 -0.12 0.00	-5.67 0.10 2.38	-17.67 0.03 16.68	-17.08 -0.01 17.33	-15.24 -0.01 15.70	-4.60 0.02 4.04	-2.82 0.07 0.00	-1.04 0.02 0.00	2.92 -0.07 0.00	10.73 -0.28 0.00	8.51 -0.23 0.00	4.13 -0.11 0.00	1.76 -0.05 0.00	2.90 -0.10 0.00	8.59 -0.29 0.00	5.37 -0.20 0.00	4.10 -0.18 0.00	1.39 -0.06 0.00	8.48 -0.33 0.00	0.16 -0.02 0.00	-5.48 0.19 0.00	-1.51 0.03 0.00	12.90 -0.17 0.00	15.79 -0.27 0.00
LEDERLE____ 23769	18.81 0.41 -11.95	18.30 -0.21 -21.89	18.08 -0.06 -19.17	18.16 0.02 -17.89	17.81 0.03 -17.31	18.30 -0.03 -18.91	23.96 -0.18 -27.02	26.43 -0.06 -27.55	20.36 0.19 -17.18	22.35 0.71 -10.64	20.25 0.58 -10.94	20.24 0.28 -15.72	20.36 0.12 -18.42	22.56 0.21 -19.36	18.82 0.64 -9.31	17.56 0.40 -11.59	18.46 0.31 -13.87	17.75 0.10 -16.20	17.49 0.56 -8.13	38.91 0.00 -38.73	40.57 -0.38 -46.62	20.47 -0.10 -22.11	20.15 0.80 -6.28	19.11 0.95 -2.10
LIGHTHSE_115KV_TB6 355974	7.40 -0.18 -1.13	-1.43 0.09 -1.86	-0.68 0.03 -0.31	0.37 -0.01 -0.13	0.68 -0.01 -0.22	0.84 0.01 -1.40	-0.28 0.05 -2.56	1.57 0.01 -2.62	4.55 -0.08 -1.64	11.69 -0.33 -1.01	9.48 -0.28 -1.04	5.58 -0.15 -1.49	3.49 -0.06 -1.74	4.71 -0.10 -1.82	9.49 -0.26 -0.88	6.49 -0.17 -1.10	5.47 -0.13 -1.31	2.94 -0.04 -1.53	9.36 -0.21 -0.77	3.83 -0.01 -3.66	-1.16 0.10 -4.41	0.59 0.03 -2.09	13.39 -0.28 -0.59	15.90 -0.37 -0.20
LINDEN COGEN____ 23786	19.28 0.38 -12.44	19.21 -0.20 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.96 0.73 -11.23	20.70 0.57 -11.40	20.90 0.28 -16.37	21.13 0.12 -19.19	23.37 0.21 -20.17	19.21 0.64 -9.69	18.03 0.39 -12.08	19.02 0.29 -14.45	18.42 0.10 -16.88	17.80 0.53 -8.47	40.52 0.00 -40.34	42.53 -0.37 -48.56	21.40 -0.09 -23.03	20.40 0.79 -6.54	19.17 0.92 -2.18
LINDHRST_69_KV_BK1 356055	19.75 0.62 -12.68	41.05 -0.32 -44.75	19.17 -0.09 -20.28	19.08 0.02 -18.80	21.14 0.05 -20.63	22.23 -0.05 -22.86	40.71 -0.27 -43.86	48.06 -0.10 -49.23	33.02 0.28 -29.75	26.40 0.97 -14.42	23.44 0.80 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.56 0.24 -28.33	106.64 0.72 -97.05	37.10 0.46 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.42 0.64 -59.98	52.03 0.01 -51.85	64.39 -0.45 -70.50	40.78 -0.12 -42.43	26.25 1.04 -12.14	21.19 1.46 -3.67
LIPA_MISC_IPP 23656	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.22 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.58 -0.05 -56.21	138.92 -0.28 -142.09	121.28 -0.10 -122.45	126.13 0.28 -122.86	60.00 0.98 -48.02	23.45 0.81 -13.91	38.16 0.38 -33.53	71.03 0.15 -69.07	31.53 0.22 -28.33	106.58 0.66 -97.05	37.08 0.43 -31.08	33.89 0.33 -29.27	28.95 0.11 -27.40	69.42 0.63 -59.98	52.03 0.01 -51.85	64.39 -0.45 -70.50	40.78 -0.11 -42.43	26.29 1.06 -12.15	21.19 1.46 -3.67
LISF____SOLAR 323691	19.78 0.64 -12.68	41.03 -0.34 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	56.01 -0.05 -56.64	140.17 -0.29 -143.35	122.21 -0.11 -123.38	127.32 0.29 -124.04	60.45 0.99 -48.45	23.46 0.81 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.54 0.22 -28.33	106.58 0.66 -97.05	37.10 0.46 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.67 -59.98	52.04 0.01 -51.85	64.37 -0.47 -70.50	40.77 -0.12 -42.43	26.32 1.10 -12.15	21.22 1.49 -3.67
LITTLE FALLS____HYD 24013	6.53 0.07 0.00	-3.30 -0.04 -0.12	-0.19 -0.01 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.93 -0.04 0.00	-1.08 -0.02 0.00	3.02 0.03 0.00	11.03 0.03 0.00	8.73 0.00 0.00	4.23 -0.01 0.00	1.81 0.00 0.00	2.98 -0.02 0.00	8.78 -0.09 0.00	5.51 -0.07 0.00	4.25 -0.03 0.00	1.44 -0.01 0.00	8.82 0.02 0.00	0.16 -0.01 0.00	-5.73 -0.06 0.00	-1.56 -0.02 0.00	13.11 0.04 0.00	16.13 0.07 0.00
LITTLRIV_115KV_TB1 356100	6.39 -0.06 0.00	-5.65 0.07 2.33	-17.31 0.02 16.31	-16.69 0.00 16.94	-14.89 -0.01 15.35	-4.48 0.01 3.92	-2.85 0.04 0.00	-1.05 0.01 0.00	2.94 -0.05 0.00	10.81 -0.20 0.00	8.57 -0.16 0.00	4.17 -0.07 0.00	1.77 -0.04 0.00	2.92 -0.07 0.00	8.66 -0.21 0.00	5.42 -0.15 0.00	4.14 -0.14 0.00	1.40 -0.04 0.00	8.57 -0.23 0.00	0.16 -0.02 0.00	-5.54 0.12 0.00	-1.53 0.02 0.00	13.02 -0.05 0.00	15.93 -0.14 0.00
LI_NEWBRDGE____DRP 323616	19.64 0.51 -12.68	41.11 -0.26 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.42 -0.22 -34.54	41.13 -0.08 -42.27	24.13 0.23 -20.91	23.03 0.80 -11.23	23.31 0.67 -13.91	38.10 0.33 -33.53	71.01 0.13 -69.07	31.52 0.20 -28.33	106.56 0.63 -97.05	37.03 0.39 -31.08	33.85 0.29 -29.27	28.93 0.09 -27.40	69.29 0.51 -59.98	52.03 0.00 -51.85	64.47 -0.37 -70.50	40.80 -0.09 -42.43	26.05 0.84 -12.14	20.91 1.18 -3.67
LOCKPORT_115KV_TB60_63_64 80432	8.28 -0.30 -2.12	0.53 0.02 -3.88	2.39 0.01 -3.40	3.43 0.00 -3.18	3.54 -0.01 -3.07	2.78 0.00 -3.36	1.93 0.02 -4.80	3.84 -0.01 -4.91	5.91 -0.15 -3.07	12.49 -0.42 -1.90	10.34 -0.33 -1.94	6.86 -0.17 -2.79	5.01 -0.06 -3.26	6.28 -0.12 -3.41	10.07 -0.45 -1.65	7.37 -0.26 -2.06	6.56 -0.18 -2.46	4.26 -0.06 -2.87	9.79 -0.45 -1.44	7.02 -0.02 -6.87	2.80 0.20 -8.27	2.44 0.06 -3.92	13.38 -0.80 -1.11	15.56 -0.87 -0.37
LOCKPORT____CC1 323769	8.30 -0.29 -2.14	0.56 0.02 -3.91	2.41 0.01 -3.42	3.45 -0.01 -3.20	3.56 -0.01 -3.09	2.81 0.00 -3.38	1.96 0.02 -4.83	3.87 -0.01 -4.94	5.93 -0.16 -3.09	12.51 -0.41 -1.91	10.37 -0.32 -1.96	6.89 -0.16 -2.81	5.04 -0.06 -3.28	6.31 -0.12 -3.43	10.09 -0.44 -1.66	7.39 -0.25 -2.07	6.58 -0.18 -2.48	4.28 -0.05 -2.89	9.80 -0.45 -1.45	7.06 -0.02 -6.92	2.85 0.19 -8.32	2.47 0.06 -3.95	13.40 -0.80 -1.12	15.57 -0.87 -0.37
LOCKPORT____CC2 323770	8.30 -0.29 -2.14	0.56 0.02 -3.91	2.41 0.01 -3.42	3.45 -0.01 -3.20	3.56 -0.01 -3.09	2.81 0.00 -3.38	1.96 0.02 -4.83	3.87 -0.01 -4.94	5.93 -0.16 -3.09	12.51 -0.41 -1.91	10.37 -0.32 -1.96	6.89 -0.16 -2.81	5.04 -0.06 -3.28	6.31 -0.12 -3.43	10.09 -0.44 -1.66	7.39 -0.25 -2.07	6.58 -0.18 -2.48	4.28 -0.05 -2.89	9.80 -0.45 -1.45	7.06 -0.02 -6.92	2.85 0.19 -8.32	2.47 0.06 -3.95	13.40 -0.80 -1.12	15.57 -0.87 -0.37
LOCKPORT____CC3 323771	8.30 -0.29 -2.14	0.56 0.02 -3.91	2.41 0.01 -3.42	3.45 -0.01 -3.20	3.56 -0.01 -3.09	2.81 0.00 -3.38	1.96 0.02 -4.83	3.87 -0.01 -4.94	5.93 -0.16 -3.09	12.51 -0.41 -1.91	10.37 -0.32 -1.96	6.89 -0.16 -2.81	5.04 -0.06 -3.28	6.31 -0.12 -3.43	10.09 -0.44 -1.66	7.39 -0.25 -2.07	6.58 -0.18 -2.48	4.28 -0.05 -2.89	9.80 -0.45 -1.45	7.06 -0.02 -6.92	2.85 0.19 -8.32	2.47 0.06 -3.95	13.40 -0.80 -1.12	15.57 -0.87 -0.37

LONG_LAKE_PHOENIX 24014	7.56 -0.17 -1.28	-0.97 0.07 -2.34	1.05 0.02 -2.05	2.16 0.00 -1.91	2.31 -0.01 -1.85	1.45 0.01 -2.02	0.03 0.04 -2.88	1.89 0.01 -2.95	4.78 -0.06 -1.85	11.93 -0.22 -1.14	9.72 -0.17 -1.17	5.83 -0.09 -1.68	3.74 -0.03 -1.96	4.98 -0.06 -2.05	9.68 -0.18 -0.99	6.69 -0.11 -1.24	5.69 -0.07 -1.48	3.15 -0.02 -1.73	9.51 -0.15 -0.87	4.30 0.00 -4.13	-0.62 0.08 -4.97	0.84 0.03 -2.36	13.48 -0.26 -0.67	16.02 -0.27 -0.22
LOVETT___3 23632	18.84 0.38 -12.00	18.42 -0.20 -21.99	18.18 -0.06 -19.25	18.24 0.02 -17.97	17.88 0.03 -17.39	18.39 -0.03 -18.99	24.10 -0.16 -27.15	26.57 -0.05 -27.69	20.43 0.18 -17.27	22.35 0.65 -10.69	20.25 0.52 -10.99	20.29 0.26 -15.79	20.43 0.11 -18.50	22.64 0.19 -19.45	18.81 0.59 -9.35	17.58 0.37 -11.65	18.50 0.28 -13.93	17.82 0.09 -16.28	17.47 0.51 -8.17	39.09 0.01 -38.91	40.82 -0.34 -46.84	20.58 -0.09 -22.21	20.11 0.73 -6.31	19.05 0.87 -2.11
LOVETT___4 23642	18.84 0.38 -12.00	18.42 -0.20 -21.99	18.18 -0.06 -19.25	18.24 0.02 -17.97	17.88 0.03 -17.39	18.39 -0.03 -18.99	24.10 -0.16 -27.15	26.57 -0.05 -27.69	20.43 0.18 -17.27	22.35 0.65 -10.69	20.25 0.52 -10.99	20.29 0.26 -15.79	20.43 0.11 -18.50	22.64 0.19 -19.45	18.81 0.59 -9.35	17.58 0.37 -11.65	18.50 0.28 -13.93	17.82 0.09 -16.28	17.47 0.51 -8.17	39.09 0.01 -38.91	40.82 -0.34 -46.84	20.58 -0.09 -22.21	20.11 0.73 -6.31	19.05 0.87 -2.11
LOVETT___5 23593	18.84 0.38 -12.00	18.42 -0.20 -21.99	18.18 -0.06 -19.25	18.24 0.02 -17.97	17.88 0.03 -17.39	18.39 -0.03 -18.99	24.10 -0.16 -27.15	26.57 -0.05 -27.69	20.43 0.18 -17.27	22.35 0.65 -10.69	20.25 0.52 -10.99	20.29 0.26 -15.79	20.43 0.11 -18.50	22.64 0.19 -19.45	18.81 0.59 -9.35	17.58 0.37 -11.65	18.50 0.28 -13.93	17.82 0.09 -16.28	17.47 0.51 -8.17	39.09 0.01 -38.91	40.82 -0.34 -46.84	20.58 -0.09 -22.21	20.11 0.73 -6.31	19.05 0.87 -2.11
LOWER_RAQUET___HYD 24057	6.33 -0.12 0.00	-5.56 0.10 2.28	-16.95 0.03 15.96	-16.34 -0.01 16.58	-14.57 -0.01 15.02	-4.37 0.02 3.81	-2.81 0.07 0.00	-1.04 0.02 0.00	2.91 -0.08 0.00	10.71 -0.29 0.00	8.49 -0.24 0.00	4.13 -0.12 0.00	1.76 -0.06 0.00	2.89 -0.10 0.00	8.56 -0.32 0.00	5.34 -0.23 0.00	4.08 -0.21 0.00	1.38 -0.07 0.00	8.43 -0.37 0.00	0.15 -0.03 0.00	-5.45 0.21 0.00	-1.51 0.03 0.00	12.89 -0.18 0.00	15.78 -0.29 0.00
LOWER___HUDSON 24059	22.44 0.27 -15.72	25.28 -0.14 -28.80	24.15 -0.04 -25.21	23.80 0.01 -23.53	23.26 0.02 -22.77	24.28 -0.02 -24.87	32.56 -0.12 -35.57	35.29 -0.05 -36.40	25.89 0.11 -22.79	25.47 0.39 -14.07	23.45 0.32 -14.40	25.06 0.16 -20.66	25.94 0.07 -24.06	28.12 0.11 -25.02	21.38 0.30 -12.21	20.96 0.18 -15.21	22.62 0.14 -18.19	22.75 0.05 -21.25	19.78 0.32 -10.66	50.97 0.01 -50.79	55.25 -0.22 -61.14	27.40 -0.06 -29.00	21.78 0.48 -8.24	19.42 0.61 -2.75
LOWVILLE_115KV_TB2 356335	6.87 -0.15 -0.57	-2.80 0.12 -0.47	-4.07 0.04 3.09	-3.06 -0.01 3.31	-2.48 -0.01 2.94	-0.61 0.01 0.05	-1.55 0.06 -1.28	0.26 0.02 -1.31	3.73 -0.08 -0.82	11.11 -0.40 -0.51	8.90 -0.35 -0.52	4.80 -0.18 -0.75	2.60 -0.08 -0.87	3.77 -0.13 -0.91	8.97 -0.35 -0.44	5.88 -0.23 -0.55	4.75 -0.18 -0.66	2.16 -0.05 -0.77	8.97 -0.21 -0.39	1.99 -0.02 -1.83	-3.41 0.05 -2.20	-0.45 0.04 -1.05	13.15 -0.22 -0.30	15.71 -0.46 -0.10
LUTHERFT_115KV_GLOB_FND_222 355753	22.86 0.34 -16.06	25.87 -0.18 -29.42	24.69 -0.05 -25.76	24.31 0.01 -24.04	23.76 0.03 -23.26	24.81 -0.03 -25.41	33.32 -0.16 -36.37	36.11 -0.06 -37.23	26.46 0.15 -23.32	25.92 0.51 -14.41	23.88 0.41 -14.74	25.59 0.20 -21.15	26.54 0.09 -24.64	28.80 0.14 -25.66	21.78 0.40 -12.50	21.40 0.26 -15.57	23.11 0.21 -18.62	23.26 0.07 -21.74	20.18 0.48 -10.91	52.14 0.01 -51.96	56.57 -0.31 -62.54	28.04 -0.08 -29.66	22.16 0.66 -8.43	19.69 0.81 -2.81
LUTHERNY_35_KV_BK2 355980	22.85 0.34 -16.06	25.87 -0.17 -29.42	24.69 -0.05 -25.76	24.31 0.01 -24.04	23.76 0.03 -23.26	24.81 -0.03 -25.41	33.32 -0.16 -36.37	36.11 -0.06 -37.23	26.47 0.15 -23.32	25.93 0.52 -14.41	23.88 0.41 -14.74	25.59 0.20 -21.15	26.54 0.09 -24.64	28.80 0.14 -25.66	21.78 0.40 -12.50	21.40 0.26 -15.57	23.11 0.21 -18.62	23.26 0.08 -21.74	20.20 0.49 -10.91	52.14 0.01 -51.96	56.56 -0.31 -62.54	28.04 -0.08 -29.66	22.16 0.67 -8.43	19.69 0.81 -2.81
LWR___OSWEGATCHIE_HYD 23850	6.72 -0.15 -0.42	-4.01 0.12 0.75	-10.93 0.03 9.95	-10.16 -0.01 10.41	-8.94 -0.01 9.39	-2.42 0.02 1.87	-1.87 0.07 -0.95	-0.07 0.02 -0.97	3.51 -0.09 -0.61	10.99 -0.40 -0.38	8.78 -0.34 -0.55	4.62 -0.17 -0.64	2.38 -0.08 -0.67	3.53 -0.14 -0.67	8.83 -0.37 -0.32	5.72 -0.25 -0.41	4.55 -0.21 -0.49	1.95 -0.06 -0.57	8.76 -0.32 -0.28	1.51 -0.02 -1.36	-3.88 0.15 -1.63	-0.72 0.04 -0.77	13.06 -0.23 -0.22	15.73 -0.41 -0.07
LYONS_FALL_HYD 23570	6.94 -0.05 -0.53	-2.68 0.05 -0.65	-2.45 0.02 1.45	-1.34 0.00 1.59	-0.93 -0.01 1.39	-0.26 0.00 -0.31	-1.67 0.01 -1.21	0.17 0.00 -1.24	3.73 -0.03 -0.77	11.31 -0.17 -0.48	9.06 -0.16 -0.49	4.86 -0.09 -0.70	2.60 -0.04 -0.82	3.79 -0.07 -0.86	9.13 -0.16 -0.42	5.98 -0.10 -0.52	4.82 -0.08 -0.62	2.15 -0.02 -0.73	9.11 -0.05 -0.36	1.90 -0.01 -1.73	-3.60 -0.02 -2.09	-0.54 0.02 -0.99	13.31 -0.05 -0.28	15.97 -0.18 -0.09
MADISON___COUNTY_LFGE 323628	7.42 0.08 -0.88	-1.81 -0.05 -1.61	0.38 -0.01 -1.41	1.57 0.00 -1.32	1.75 0.01 -1.28	0.81 -0.01 -1.39	-0.96 -0.07 -1.99	0.95 -0.03 -2.04	4.31 0.04 -1.28	11.92 0.13 -0.79	9.62 0.08 -0.81	5.44 0.04 -1.16	3.18 0.02 -1.35	4.44 0.03 -1.42	9.64 0.08 -0.68	6.50 0.08 -0.85	5.37 0.06 -1.02	2.67 0.03 -1.19	9.59 0.19 -0.60	3.03 0.00 -2.85	-2.37 -0.14 -3.43	0.06 -0.03 -1.63	13.75 0.21 -0.46	16.44 0.22 -0.15
MALONE___115KV_TB1 356076	6.49 0.04 0.00	-5.93 0.11 2.65	-19.57 0.02 18.57	-19.05 -0.01 19.29	-17.03 -0.02 17.48	-4.10 0.02 3.56	-2.82 0.07 0.00	-1.05 0.01 0.00	2.92 -0.07 0.00	10.83 -0.17 0.00	8.64 -0.09 0.00	4.19 -0.05 0.00	1.80 -0.02 0.00	2.95 -0.05 0.00	8.72 -0.16 0.00	5.42 -0.15 0.00	4.14 -0.14 0.00	1.40 -0.04 0.00	8.64 -0.16 0.00	0.16 -0.01 0.00	-5.55 0.11 0.00	-1.53 0.01 0.00	13.09 0.02 0.00	16.10 0.03 0.00
MAPLEWOD_115KV_TB3 80458	22.39 0.29 -15.64	25.12 -0.15 -28.66	24.03 -0.05 -25.09	23.69 0.01 -23.42	23.15 0.02 -22.66	24.15 -0.02 -24.75	32.37 -0.13 -35.39	35.10 -0.05 -36.21	25.78 0.13 -22.66	25.44 0.44 -14.00	23.40 0.35 -14.32	24.96 0.17 -20.55	25.83 0.07 -23.94	28.04 0.12 -24.93	21.37 0.34 -12.15	20.91 0.21 -15.13	22.55 0.17 -18.10	22.65 0.06 -21.15	19.78 0.37 -10.61	50.72 0.01 -50.53	54.91 -0.26 -60.83	27.24 -0.07 -28.85	21.82 0.56 -8.20	19.48 0.68 -2.74
MAPLE_RIDGE_WT_1 323574	6.07 -0.38 0.00	-8.55 0.22 5.40	-38.72 0.06 37.77	-39.00 -0.02 39.23	-35.11 -0.03 35.55	-10.22 0.04 9.69	-2.70 0.19 0.00	-0.99 0.07 0.00	2.82 -0.17 0.00	10.43 -0.58 0.00	8.32 -0.41 0.00	4.05 -0.19 0.00	1.73 -0.09 0.00	2.85 -0.14 0.00	8.42 -0.45 0.00	5.29 -0.28 0.00	4.05 -0.23 0.00	1.37 -0.08 0.00	8.44 -0.36 0.00	0.17 -0.01 0.00	-5.41 0.25 0.00	-1.45 0.09 0.00	12.32 -0.75 0.00	10.90 -1.01 4.16

MAPLE_RIDGE_WT_2 323611	6.07 -0.38 0.00	-8.55 0.22 5.40	-38.72 0.06 37.77	-39.00 -0.02 39.23	-35.11 -0.03 35.55	-10.22 0.04 9.69	-2.70 0.19 0.00	-0.99 0.07 0.00	2.82 -0.17 0.00	10.43 -0.58 0.00	8.32 -0.41 0.00	4.05 -0.19 0.00	1.73 -0.09 0.00	2.85 -0.14 0.00	8.42 -0.45 0.00	5.29 -0.28 0.00	4.05 -0.23 0.00	1.37 -0.08 0.00	8.44 -0.36 0.00	0.17 -0.01 0.00	-5.41 0.25 0.00	-1.45 0.09 0.00	12.32 -0.75 0.00	10.90 -1.01 4.16
MARBLE_RIVER_WT_PWR 323696	6.48 0.02 0.00	-6.07 0.15 2.83	-20.81 0.03 19.82	-20.35 -0.01 20.59	-18.22 -0.03 18.66	-7.40 0.03 6.87	-2.78 0.11 0.00	-1.04 0.02 0.00	2.87 -0.12 0.00	10.71 -0.30 0.00	8.57 -0.16 0.00	4.16 -0.08 0.00	1.79 -0.03 0.00	2.93 -0.06 0.00	8.67 -0.21 0.00	5.38 -0.19 0.00	4.11 -0.17 0.00	1.39 -0.05 0.00	8.59 -0.21 0.00	0.16 -0.02 0.00	-5.51 0.16 0.00	-1.52 0.02 0.00	13.01 -0.06 0.00	16.07 0.00 0.00
MARSHVLE_115KV_TB1 80742	26.00 0.34 -19.21	31.63 -0.18 -35.19	29.73 -0.06 -30.81	29.03 0.02 -28.76	28.32 0.03 -27.82	29.79 -0.03 -30.40	40.44 -0.17 -43.50	43.41 -0.06 -44.53	31.05 0.16 -27.90	28.83 0.59 -17.24	26.80 0.43 -17.63	29.76 0.20 -25.31	31.43 0.08 -29.53	33.94 0.13 -30.82	24.24 0.40 -14.97	24.47 0.25 -18.65	26.77 0.20 -22.29	27.56 0.08 -26.03	22.34 0.49 -13.06	62.39 0.01 -62.21	68.88 -0.33 -74.88	33.88 -0.09 -35.51	23.91 0.75 -10.09	20.31 0.88 -3.37
MARSH_HILL_WT_PWR 323713	8.87 -0.21 -2.63	1.54 0.10 -4.81	3.23 0.04 -4.21	4.18 -0.01 -3.93	4.26 -0.01 -3.81	3.60 0.01 -4.16	3.09 0.04 -5.94	5.03 0.02 -6.08	6.73 -0.06 -3.80	13.13 -0.23 -2.35	10.99 -0.15 -2.41	7.63 -0.06 -3.46	5.83 -0.02 -4.04	7.15 -0.07 -4.22	10.68 -0.24 -2.05	8.05 -0.06 -2.55	7.33 0.00 -3.05	5.01 0.00 -3.56	10.42 -0.16 -1.79	8.66 -0.02 -8.51	4.58 0.00 -10.24	3.34 0.02 -4.86	13.94 -0.51 -1.38	15.84 -0.69 -0.46
MCINTYRE_115KV_TB2 80467	6.42 -0.03 0.00	-5.75 0.04 2.41	-17.87 0.01 16.87	-17.27 0.00 17.52	-15.41 -0.01 15.88	-4.67 0.01 4.10	-2.86 0.03 0.00	-1.06 0.00 0.00	2.95 -0.04 0.00	10.85 -0.16 0.00	8.60 -0.12 0.00	4.18 -0.06 0.00	1.78 -0.03 0.00	2.94 -0.05 0.00	8.73 -0.14 0.00	5.47 -0.10 0.00	4.19 -0.09 0.00	1.42 -0.03 0.00	8.67 -0.13 0.00	0.16 -0.01 0.00	-5.60 0.07 0.00	-1.54 0.00 0.00	13.08 0.01 0.00	16.00 -0.06 0.00
MECO____69_KV_BK1 80468	25.25 0.54 -18.25	29.78 -0.28 -33.44	28.17 -0.09 -29.27	27.60 0.02 -27.33	26.95 0.04 -26.44	28.26 -0.05 -28.88	38.19 -0.26 -41.34	41.14 -0.12 -42.33	29.71 0.20 -26.52	27.99 0.60 -16.38	25.86 0.37 -16.76	28.47 0.16 -24.06	29.93 0.06 -28.06	32.36 0.09 -29.28	23.38 0.28 -14.23	23.45 0.16 -17.72	25.68 0.22 -21.18	26.29 0.11 -24.73	21.97 0.76 -12.41	59.29 0.00 -59.11	64.91 -0.57 -71.15	32.05 -0.15 -33.75	23.85 1.19 -9.59	20.65 1.38 -3.20
MENANDS__115KV_TB5 355628	22.21 0.26 -15.50	24.87 -0.14 -28.39	23.79 -0.04 -24.85	23.46 0.01 -23.20	22.93 0.02 -22.44	23.92 -0.02 -24.52	32.04 -0.11 -35.04	34.71 -0.04 -35.81	25.48 0.11 -22.38	25.21 0.38 -13.82	23.18 0.31 -14.14	24.70 0.16 -20.30	25.52 0.07 -23.64	27.71 0.11 -24.61	21.18 0.31 -12.00	20.70 0.19 -14.95	22.31 0.15 -17.88	22.39 0.05 -20.90	19.59 0.31 -10.48	50.12 0.01 -49.94	54.24 -0.21 -60.11	26.91 -0.05 -28.51	21.63 0.46 -8.10	19.35 0.58 -2.70
MG INDUSTRY__DRP 24185	21.91 0.26 -15.19	24.31 -0.14 -27.83	23.31 -0.04 -24.37	23.01 0.01 -22.75	22.49 0.02 -22.00	23.44 -0.02 -24.04	31.32 -0.12 -34.32	34.03 -0.04 -35.13	25.11 0.11 -22.00	24.99 0.39 -13.59	22.94 0.31 -13.90	24.35 0.15 -19.96	25.15 0.06 -23.27	27.37 0.11 -24.28	20.98 0.30 -11.80	20.46 0.19 -14.70	22.03 0.15 -17.59	22.07 0.05 -20.57	19.44 0.33 -10.32	49.33 0.01 -49.15	53.28 -0.22 -59.17	26.46 -0.06 -28.06	21.53 0.48 -7.97	19.34 0.61 -2.66
MID__OSWEGATCHIE_HYD 23849	6.72 -0.15 -0.42	-4.01 0.12 0.75	-10.93 0.03 9.95	-10.16 -0.01 10.41	-8.94 -0.01 9.39	-2.42 0.02 1.87	-1.87 0.07 -0.95	-0.07 0.02 -0.97	3.51 -0.09 -0.61	10.99 -0.40 -0.38	8.78 -0.34 -0.38	4.62 -0.17 -0.55	2.38 -0.08 -0.64	3.53 -0.14 -0.67	8.83 -0.37 -0.32	5.72 -0.25 -0.41	4.55 -0.21 -0.49	1.95 -0.06 -0.57	8.76 -0.32 -0.28	1.51 -0.02 -1.36	-3.88 0.15 -1.63	-0.72 0.04 -0.77	13.06 -0.23 -0.22	15.73 -0.41 -0.07
MID__RAQUETTE_HYD 23851	6.33 -0.12 0.00	-5.56 0.10 2.28	-16.95 0.03 15.96	-16.34 -0.01 16.58	-14.57 -0.01 15.02	-4.37 0.02 3.81	-2.81 0.07 0.00	-1.04 0.02 0.00	2.91 -0.08 0.00	10.71 -0.29 0.00	8.49 -0.24 0.00	4.13 -0.12 0.00	1.76 -0.06 0.00	2.89 -0.10 0.00	8.56 -0.32 0.00	5.34 -0.23 0.00	4.08 -0.21 0.00	1.38 -0.07 0.00	8.43 -0.37 0.00	0.15 -0.02 0.00	-5.45 0.21 0.00	-1.51 0.03 0.00	12.89 -0.18 0.00	15.78 -0.29 0.00
MILLIKEN__1 23584	9.22 0.06 -2.70	1.53 -0.05 -4.95	3.31 -0.01 -4.34	4.30 0.00 -4.05	4.39 0.01 -3.92	3.69 -0.01 -4.28	3.16 -0.06 -6.11	5.16 -0.03 -6.25	6.95 0.05 -3.91	13.54 0.11 -2.42	11.29 0.08 -2.48	7.82 0.02 -3.56	5.98 0.01 -4.15	7.36 0.02 -4.34	11.02 0.04 -2.10	8.23 0.04 -2.62	7.47 0.05 -3.13	5.13 0.03 -3.66	10.79 0.15 -1.84	8.94 0.01 -8.75	4.73 -0.13 -10.54	3.43 -0.03 -5.00	14.67 0.18 -1.42	16.74 0.20 -0.47
MILLIKEN__2 23585	9.22 0.06 -2.70	1.53 -0.05 -4.95	3.31 -0.01 -4.34	4.30 0.00 -4.05	4.39 0.01 -3.92	3.69 -0.01 -4.28	3.16 -0.06 -6.11	5.16 -0.03 -6.25	6.95 0.05 -3.91	13.54 0.11 -2.42	11.29 0.08 -2.48	7.82 0.02 -3.56	5.98 0.01 -4.15	7.36 0.02 -4.34	11.02 0.04 -2.10	8.23 0.04 -2.62	7.47 0.05 -3.13	5.13 0.03 -3.66	10.79 0.15 -1.84	8.94 0.01 -8.75	4.73 -0.13 -10.54	3.43 -0.03 -5.00	14.67 0.18 -1.42	16.74 0.20 -0.47
MILLIKEN__DIESEL 23629	9.22 0.06 -2.70	1.53 -0.05 -4.95	3.31 -0.01 -4.34	4.30 0.00 -4.05	4.39 0.01 -3.92	3.69 -0.01 -4.28	3.16 -0.06 -6.11	5.16 -0.03 -6.25	6.95 0.05 -3.91	13.54 0.11 -2.42	11.29 0.08 -2.48	7.82 0.02 -3.56	5.98 0.01 -4.15	7.36 0.02 -4.34	11.02 0.04 -2.10	8.23 0.04 -2.62	7.47 0.05 -3.13	5.13 0.03 -3.66	10.79 0.15 -1.84	8.94 0.01 -8.75	4.73 -0.13 -10.54	3.43 -0.03 -5.00	14.67 0.18 -1.42	16.74 0.20 -0.47
MILLSEAT__LFGE 323607	8.36 -0.21 -2.12	0.48 -0.02 -3.88	2.38 0.00 -3.40	3.42 0.00 -3.17	3.53 0.00 -3.07	2.77 -0.01 -3.35	1.89 -0.01 -4.79	3.81 -0.02 -4.90	5.94 -0.12 -3.07	12.61 -0.29 -1.90	10.44 -0.23 -1.94	6.91 -0.12 -2.79	5.02 -0.05 -3.26	6.32 -0.09 -3.41	10.20 -0.32 -1.65	7.46 -0.16 -2.05	6.62 -0.12 -2.46	4.28 -0.03 -2.87	9.92 -0.33 -1.44	7.02 -0.02 -6.86	2.70 0.10 -8.26	2.41 0.04 -3.92	13.56 -0.63 -1.11	15.79 -0.65 -0.37
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.21 0.39 -12.37	19.08 -0.20 -22.66	18.76 -0.06 -19.84	18.79 0.02 -18.52	18.41 0.03 -17.92	18.97 -0.03 -19.57	24.92 -0.16 -27.97	27.70 -0.05 -28.82	21.29 0.19 -18.11	22.88 0.68 -11.20	20.67 0.54 -11.40	20.89 0.27 -16.38	21.13 0.11 -19.20	23.37 0.19 -20.19	19.17 0.59 -9.70	18.02 0.37 -12.08	19.02 0.28 -14.46	18.43 0.09 -16.89	17.79 0.51 -8.48	40.55 0.01 -40.37	42.58 -0.35 -48.59	21.42 -0.09 -23.05	20.36 0.74 -6.55	19.15 0.90 -2.19

MILLWOOD_13_KV_LOAD 356217	19.22 0.40 -12.37	19.07 -0.21 -22.66	18.76 -0.06 -19.84	18.79 0.02 -18.52	18.41 0.03 -17.92	18.96 -0.03 -19.57	24.91 -0.17 -27.97	27.70 -0.05 -28.82	21.30 0.20 -18.11	22.91 0.71 -11.20	20.70 0.56 -11.40	20.90 0.27 -16.38	21.13 0.12 -19.20	23.38 0.20 -20.19	19.19 0.62 -9.70	18.03 0.38 -12.08	19.03 0.29 -14.46	18.44 0.09 -16.89	17.81 0.54 -8.48	40.55 0.01 -40.37	42.56 -0.36 -48.59	21.41 -0.09 -23.05	20.39 0.78 -6.55	19.18 0.93 -2.19
MODEL_CITY_ENERGY 24167	8.25 -0.35 -2.14	0.60 0.05 -3.93	2.44 0.01 -3.44	3.46 -0.01 -3.21	3.57 -0.01 -3.11	2.82 0.00 -3.40	2.01 0.05 -4.85	3.90 0.00 -4.96	5.91 -0.19 -3.11	12.39 -0.54 -1.92	10.27 -0.42 -1.97	6.85 -0.21 -2.82	5.03 -0.08 -3.30	6.28 -0.16 -3.45	9.99 -0.56 -1.67	7.33 -0.32 -2.08	6.54 -0.23 -2.49	4.28 -0.07 -2.91	9.71 -0.55 -1.46	7.09 -0.03 -6.95	2.96 0.26 -8.36	2.50 0.08 -3.97	13.25 -0.94 -1.13	15.40 -1.04 -0.38
MODERN_LFGE_ 323580	8.25 -0.35 -2.14	0.60 0.05 -3.93	2.44 0.01 -3.44	3.46 -0.01 -3.21	3.57 -0.01 -3.11	2.82 0.00 -3.40	2.01 0.05 -4.85	3.90 0.00 -4.96	5.91 -0.19 -3.11	12.39 -0.54 -1.92	10.27 -0.42 -1.97	6.85 -0.21 -2.82	5.03 -0.08 -3.30	6.28 -0.16 -3.45	9.99 -0.56 -1.67	7.33 -0.32 -2.08	6.54 -0.23 -2.49	4.28 -0.07 -2.91	9.71 -0.55 -1.46	7.09 -0.03 -6.95	2.96 0.26 -8.36	2.50 0.08 -3.97	13.25 -0.94 -1.13	15.40 -1.04 -0.38
MOHAWK_PAPER___DRP 24187	22.39 0.29 -15.64	25.12 -0.15 -28.66	24.03 -0.05 -25.09	23.69 0.01 -23.42	23.15 0.02 -22.66	24.15 -0.02 -24.75	32.37 -0.13 -35.39	35.10 -0.05 -36.21	25.78 0.13 -22.66	25.44 0.44 -14.00	23.40 0.35 -14.32	24.96 0.17 -20.55	25.83 0.07 -23.94	28.04 0.12 -24.93	21.37 0.34 -12.15	20.91 0.21 -15.13	22.55 0.17 -18.10	22.65 0.06 -21.15	19.78 0.37 -10.61	50.72 0.01 -50.53	54.91 -0.26 -60.83	27.24 -0.07 -28.85	21.82 0.56 -8.20	19.48 0.68 -2.74
MOHICAN__35_KV_115KV_LD 80490	22.91 0.38 -16.08	25.89 -0.19 -29.46	24.72 -0.05 -25.79	24.34 0.01 -24.07	23.79 0.03 -23.29	24.84 -0.03 -25.44	33.35 -0.17 -36.41	36.15 -0.07 -37.28	26.50 0.16 -23.35	25.97 0.54 -14.42	23.95 0.46 -14.76	25.64 0.22 -21.18	26.58 0.09 -24.68	28.85 0.16 -25.70	21.84 0.45 -12.52	21.46 0.30 -15.59	23.17 0.25 -18.64	23.31 0.09 -21.77	20.29 0.57 -10.92	52.21 0.02 -52.02	56.61 -0.35 -62.62	28.07 -0.09 -29.70	22.28 0.77 -8.44	19.84 0.96 -2.82
MONGAUP___HYD 23641	18.15 0.37 -11.33	17.18 -0.19 -20.75	17.09 -0.05 -18.16	17.22 0.01 -16.95	16.90 0.03 -16.40	17.31 -0.03 -17.92	22.56 -0.16 -25.61	25.01 -0.05 -26.12	19.45 0.17 -16.29	21.69 0.60 -10.09	19.56 0.47 -10.37	19.34 0.21 -14.89	19.36 0.09 -17.45	21.50 0.17 -18.34	18.20 0.50 -8.82	16.83 0.28 -10.98	17.60 0.17 -13.14	16.85 0.05 -15.36	16.83 0.32 -7.70	36.88 0.01 -36.70	38.28 -0.23 -44.18	19.35 -0.06 -20.95	19.68 0.66 -5.95	18.92 0.87 -1.99
MONTAUK___DIESEL 23721	20.00 0.87 -12.68	40.91 -0.47 -44.75	19.17 -0.14 -20.33	19.15 0.04 -18.86	21.16 0.07 -20.63	55.76 -0.08 -56.42	139.40 -0.41 -142.71	121.69 -0.15 -122.91	126.84 0.41 -123.44	60.67 1.43 -48.23	23.79 1.14 -13.91	38.31 0.54 -33.53	71.08 0.20 -69.07	31.58 0.26 -28.33	106.82 0.90 -97.05	37.28 0.63 -31.08	34.05 0.49 -29.27	29.01 0.16 -27.40	69.76 0.98 -59.98	52.04 0.01 -51.85	64.14 -0.70 -70.50	40.71 -0.18 -42.43	26.77 1.55 -12.15	21.79 2.06 -3.67
MOONROAD_115KV_HARTFLD_TB1-2 355988	8.55 -0.33 -2.42	1.13 0.07 -4.44	2.89 0.02 -3.89	3.87 -0.01 -3.63	3.96 -0.02 -3.51	3.27 0.01 -3.84	2.64 0.05 -5.48	4.54 0.00 -5.61	6.37 -0.13 -3.51	12.92 -0.25 -2.17	10.83 -0.12 -2.22	7.38 -0.05 -3.19	5.52 -0.02 -3.73	6.84 -0.05 -3.90	10.49 -0.28 -1.89	7.74 -0.18 -2.35	6.96 -0.14 -2.81	4.70 -0.03 -3.28	10.13 -0.32 -1.65	8.00 -0.02 -7.85	3.91 0.13 -9.45	2.99 0.05 -4.48	13.62 -0.72 -1.27	15.62 -0.87 -0.43
MORTIMER_115KV_TB3 55949	8.05 -0.16 -1.75	-0.14 0.02 -3.22	1.80 0.00 -2.82	2.88 0.00 -2.63	3.01 0.00 -2.54	2.20 0.00 -2.78	1.07 -0.02 -3.97	2.98 -0.02 -4.06	5.46 -0.07 -2.54	12.41 -0.16 -1.57	10.21 -0.13 -1.61	6.49 -0.06 -2.31	4.49 -0.02 -2.70	5.77 -0.04 -2.82	10.08 -0.16 -1.37	7.19 -0.08 -1.70	6.27 -0.06 -2.04	3.81 -0.02 -2.38	9.82 -0.18 -1.19	5.85 -0.01 -5.69	1.22 0.04 -6.85	1.72 0.02 -3.25	13.63 -0.36 -0.92	15.97 -0.41 -0.31
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.99 0.75 -11.23	20.72 0.59 -11.40	20.91 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.82 -6.54	19.24 0.99 -2.18
MUNSVILLE_WIND_PWR 323609	10.67 0.28 -3.93	3.67 -0.15 -7.20	5.24 -0.04 -6.30	6.15 0.01 -5.88	6.19 0.02 -5.69	5.61 -0.03 -6.22	5.82 -0.18 -8.89	7.95 -0.08 -9.09	8.82 0.14 -5.69	14.92 0.40 -3.52	12.57 0.24 -3.60	9.50 0.09 -5.17	7.90 0.04 -6.04	9.38 0.07 -6.32	12.13 0.20 -3.06	9.51 0.14 -3.81	9.00 0.16 -4.56	6.83 0.06 -5.33	11.93 0.46 -2.67	12.92 0.02 -12.73	9.25 -0.40 -15.32	5.64 -0.09 -7.27	15.72 0.59 -2.06	17.42 0.67 -0.69
N SALMON___HYD 24042	6.49 0.04 0.00	-5.93 0.11 2.65	-19.57 0.02 18.57	-19.05 -0.01 19.29	-17.03 -0.02 17.48	-4.10 0.02 3.56	-2.82 0.07 0.00	-1.05 0.01 0.00	2.92 -0.07 0.00	10.83 -0.17 0.00	8.64 -0.09 0.00	4.19 -0.05 0.00	1.80 -0.02 0.00	2.95 -0.05 0.00	8.72 -0.16 0.00	5.42 -0.15 0.00	4.14 -0.14 0.00	1.40 -0.04 0.00	8.64 -0.16 0.00	0.16 -0.02 0.00	-5.55 0.11 0.00	-1.53 0.01 0.00	13.09 0.02 0.00	16.10 0.03 0.00
N.AKRON__115KV_KNAPP 355671	8.36 -0.21 -2.12	0.48 -0.02 -3.88	2.37 0.00 -3.39	3.42 0.00 -3.17	3.53 0.00 -3.07	2.77 0.00 -3.35	1.89 -0.01 -4.79	3.81 -0.02 -4.90	5.94 -0.11 -3.06	12.62 -0.28 -1.89	10.44 -0.22 -1.94	6.91 -0.11 -2.78	5.02 -0.04 -3.25	6.31 -0.08 -3.40	10.21 -0.31 -1.65	7.46 -0.16 -2.05	6.62 -0.12 -2.45	4.28 -0.03 -2.87	9.92 -0.32 -1.44	7.01 -0.01 -6.85	2.69 0.10 -8.25	2.41 0.04 -3.91	13.56 -0.62 -1.11	15.80 -0.64 -0.37
N.BELMOR_69_KV_BK1 55787	19.68 0.55 -12.68	41.09 -0.28 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.04 -20.63	19.07 -0.05 -19.69	31.41 -0.23 -34.54	41.13 -0.08 -42.27	24.15 0.25 -20.91	23.11 0.87 -11.23	23.37 0.73 -13.91	38.13 0.36 -33.53	71.02 0.14 -69.07	31.54 0.22 -28.33	106.61 0.69 -97.05	37.07 0.42 -31.08	33.87 0.31 -29.27	28.94 0.10 -27.40	69.35 0.56 -59.98	52.03 0.00 -51.85	64.43 -0.40 -70.50	40.79 -0.10 -42.43	26.13 0.92 -12.14	21.03 1.30 -3.67
N.E._GEN_SANDY PD 24062	21.00 0.28 -14.27	22.62 -0.14 -26.14	21.82 -0.04 -22.88	21.62 0.01 -21.36	21.15 0.02 -20.67	22.62 -0.02 -23.22	29.27 -0.11 -32.27	31.93 -0.04 -33.04	24.05 0.11 -20.95	24.12 0.39 -12.72	22.12 0.32 -13.07	23.11 0.16 -18.71	23.30 0.07 -21.42	24.76 0.11 -21.66	19.89 0.33 -10.69	19.48 0.21 -13.71	20.83 0.16 -16.39	20.65 0.05 -19.15	18.72 0.31 -9.61	45.97 0.01 -45.79	49.24 -0.20 -55.11	24.54 -0.05 -26.13	20.95 0.46 -7.42	19.14 0.60 -2.48

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.82 0.39 -11.98	18.37 -0.20 -21.95	18.14 -0.06 -19.21	18.20 0.02 -17.94	17.85 0.03 -17.35	18.35 -0.03 -18.96	24.04 -0.16 -27.10	26.51 -0.06 -27.63	20.40 0.18 -17.23	22.34 0.67 -10.67	20.24 0.54 -10.97	20.27 0.27 -15.76	20.40 0.12 -18.47	22.60 0.20 -19.41	18.81 0.61 -9.33	17.57 0.38 -11.62	18.48 0.29 -13.91	17.79 0.09 -16.25	17.48 0.53 -8.15	39.01 0.00 -38.83	40.71 -0.36 -46.74	20.53 -0.09 -22.17	20.12 0.75 -6.30	19.07 0.90 -2.10
N. QUEENS_27_KV_LOAD 356247	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.27 0.70 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.53 0.01 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.25 1.00 -2.18
N. TROY___115KV_TB1 355778	22.44 0.27 -15.72	25.28 -0.14 -28.80	24.15 -0.04 -25.21	23.80 0.01 -23.53	23.26 0.02 -22.77	24.28 -0.02 -24.87	32.56 -0.12 -35.57	35.29 -0.05 -36.40	25.89 0.11 -22.79	25.47 0.39 -14.07	23.45 0.32 -14.40	25.06 0.16 -20.66	25.94 0.07 -24.06	28.12 0.11 -25.02	21.38 0.30 -12.21	20.96 0.18 -15.21	22.62 0.14 -18.19	22.75 0.05 -21.25	19.78 0.32 -10.66	50.97 0.01 -50.79	55.25 -0.22 -61.14	27.40 -0.06 -29.00	21.78 0.48 -8.24	19.42 0.61 -2.75
NARROWS_GT1_1 24228	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT1_2 24229	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT1_3 24230	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT1_4 24231	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT1_5 24232	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT1_6 24233	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT1_7 24234	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT1_8 24235	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT2_1 24236	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT2_2 24237	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT2_3 24238	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT2_4 24239	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18

NARROWS_GT2_5 24240	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT2_6 24241	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT2_7 24242	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NARROWS_GT2_8 24243	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.34 0.35 -14.54	23.08 -0.18 -26.64	22.25 -0.05 -23.32	22.04 0.01 -21.77	21.56 0.03 -21.06	22.40 -0.03 -23.00	29.81 -0.16 -32.86	32.50 -0.06 -33.63	24.20 0.15 -21.05	24.50 0.49 -13.01	22.38 0.35 -13.31	23.52 0.17 -19.10	24.18 0.07 -22.29	26.39 0.13 -23.27	20.51 0.34 -11.30	19.86 0.22 -14.07	21.30 0.18 -16.84	21.20 0.06 -19.68	19.13 0.45 -9.88	47.23 0.01 -47.05	50.62 -0.34 -56.63	25.23 -0.09 -26.86	21.43 0.73 -7.63	19.50 0.88 -2.55
NCHELSEA_115KV_TR2 355582	19.29 0.42 -12.41	19.15 -0.21 -22.74	18.83 -0.06 -19.91	18.85 0.02 -18.59	18.48 0.03 -17.98	19.03 -0.03 -19.64	25.00 -0.18 -28.07	27.60 -0.06 -28.73	21.17 0.20 -17.98	22.85 0.72 -11.12	20.67 0.57 -11.37	20.85 0.28 -16.33	21.06 0.12 -19.13	23.29 0.21 -20.09	19.17 0.63 -9.67	18.00 0.39 -12.04	18.99 0.30 -14.41	18.38 0.10 -16.84	17.81 0.57 -8.45	40.42 0.01 -40.24	42.39 -0.38 -48.43	21.33 -0.10 -22.97	20.40 0.81 -6.53	19.22 0.97 -2.18
NEG CAPITAL___MECHNVIL 23645	22.75 0.34 -15.96	25.67 -0.18 -29.23	24.52 -0.05 -25.59	24.15 0.01 -23.89	23.61 0.03 -23.11	24.64 -0.03 -25.25	33.07 -0.16 -36.12	35.85 -0.06 -36.97	26.29 0.15 -23.16	25.82 0.52 -14.30	23.78 0.42 -14.63	25.45 0.20 -21.00	26.36 0.09 -24.46	28.60 0.14 -25.46	21.69 0.41 -12.41	21.29 0.26 -15.46	22.98 0.21 -18.48	23.11 0.08 -21.59	20.11 0.48 -10.83	51.78 0.01 -51.60	56.13 -0.32 -62.11	27.83 -0.08 -29.46	22.10 0.67 -8.37	19.68 0.82 -2.79
NEG CENTRAL_HIGH_ACRES 23767	7.94 -0.24 -1.72	-0.15 0.07 -3.16	1.77 0.02 -2.76	2.83 -0.01 -2.58	2.95 -0.01 -2.49	2.16 0.01 -2.73	1.04 0.03 -3.90	2.92 -0.01 -3.99	5.39 -0.10 -2.49	12.25 -0.30 -1.54	10.07 -0.23 -1.58	6.39 -0.12 -2.27	4.42 -0.04 -2.65	5.68 -0.08 -2.77	9.95 -0.27 -1.34	7.09 -0.15 -1.67	6.18 -0.10 -2.00	3.75 -0.03 -2.33	9.70 -0.27 -1.17	5.74 -0.01 -5.58	1.16 0.11 -6.72	1.68 0.04 -3.19	13.49 -0.48 -0.90	15.81 -0.56 -0.30
NEG CENTRAL___DRP 24199	8.25 -0.05 -1.85	0.02 0.00 -3.39	1.96 0.00 -2.97	3.03 0.00 -2.77	3.15 0.00 -2.68	2.35 0.00 -2.93	1.27 -0.03 -4.19	3.20 -0.02 -4.29	5.69 0.01 -2.68	12.67 0.00 -1.66	10.42 -0.01 -1.70	6.66 -0.02 -2.44	4.66 0.00 -2.85	5.96 -0.01 -2.98	10.28 -0.04 -1.44	7.35 -0.02 -1.80	6.45 0.02 -2.15	3.97 0.01 -2.51	10.08 0.02 -1.26	6.18 0.01 -6.00	1.51 -0.05 -7.22	1.88 -0.01 -3.43	13.99 -0.06 -0.97	16.31 -0.08 -0.32
NEG CENTRAL___INDECK 23768	8.66 0.00 -2.21	0.64 -0.03 -4.05	2.52 -0.01 -3.55	3.57 0.00 -3.31	3.68 0.01 -3.21	2.92 -0.01 -3.50	2.03 -0.09 -5.00	4.01 -0.04 -5.12	6.18 -0.01 -3.20	12.95 -0.04 -1.98	10.74 -0.02 -2.03	7.14 -0.01 -2.91	5.22 0.00 -3.40	6.55 0.00 -3.56	10.56 -0.04 -1.72	7.79 0.08 -2.15	6.93 0.08 -2.57	4.48 0.03 -3.00	10.39 0.09 -1.51	7.33 -0.01 -7.17	2.78 -0.17 -8.63	2.52 -0.03 -4.09	14.21 -0.03 -1.16	16.39 -0.06 -0.39
NEG CENTRAL___SENECA 23627	8.43 -0.03 -2.01	0.29 -0.01 -3.68	2.21 0.00 -3.23	3.27 0.00 -3.01	3.38 0.00 -2.91	2.60 -0.01 -3.19	1.61 -0.05 -4.55	3.56 -0.03 -4.65	5.93 0.03 -2.91	12.87 0.06 -1.80	10.59 0.02 -1.84	6.88 -0.01 -2.65	4.91 0.00 -3.09	6.23 0.01 -3.23	10.43 -0.01 -1.57	7.53 0.01 -1.95	6.66 0.04 -2.33	4.19 0.02 -2.73	10.23 0.06 -1.37	6.70 0.01 -6.52	2.09 -0.08 -7.84	2.17 -0.02 -3.72	14.09 -0.03 -1.06	16.35 -0.07 -0.35
NEG CENTRAL___STATE_STREET 24147	8.26 -0.02 -1.83	-0.04 -0.01 -3.35	1.91 0.00 -2.93	2.99 0.00 -2.74	3.12 0.00 -2.65	2.31 -0.01 -2.89	1.21 -0.03 -4.13	3.15 -0.02 -4.23	5.66 0.03 -2.64	12.66 0.02 -1.64	10.45 0.05 -1.67	6.64 -0.01 -2.40	4.63 0.01 -2.81	5.95 0.01 -2.94	10.32 0.02 -1.42	7.34 0.00 -1.77	6.42 0.02 -2.12	3.94 0.01 -2.48	10.09 0.04 -1.24	6.10 0.01 -5.92	1.39 -0.07 -7.13	1.82 -0.02 -3.38	14.09 0.06 -0.96	16.45 0.06 -0.32
NEG MILLWOOD___DRP 24198	19.44 0.43 -12.56	19.41 -0.22 -23.01	19.06 -0.06 -20.14	19.07 0.02 -18.80	18.69 0.03 -18.19	19.26 -0.03 -19.87	25.32 -0.19 -28.40	27.96 -0.06 -29.09	21.43 0.21 -18.22	23.03 0.75 -11.27	20.83 0.60 -11.50	21.06 0.30 -16.53	21.30 0.13 -19.36	23.55 0.21 -20.34	19.32 0.66 -9.78	18.16 0.41 -12.19	19.17 0.31 -14.58	18.58 0.10 -17.04	17.94 0.59 -8.55	40.90 0.01 -40.71	42.95 -0.40 -49.01	21.60 -0.10 -23.24	20.52 0.84 -6.60	19.28 1.01 -2.20
NEG NORTH_FLCN_SEA 23793	6.54 0.09 0.00	-6.09 0.11 2.83	-20.78 0.02 19.78	-20.30 -0.01 20.54	-18.16 -0.02 18.61	-7.42 0.03 6.87	-2.82 0.07 0.00	-1.06 0.01 0.00	2.91 -0.08 0.00	10.84 -0.16 0.00	8.69 -0.04 0.00	4.21 -0.03 0.00	1.80 -0.01 0.00	2.96 -0.03 0.00	8.76 -0.11 0.00	5.44 -0.13 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.69 -0.11 0.00	0.16 -0.01 0.00	-5.58 0.09 0.00	-1.54 0.00 0.00	13.16 0.08 0.00	16.25 0.18 0.00
NEG NORTH_KES_CHATEGAY 23792	6.48 0.02 0.00	-6.01 0.15 2.78	-20.44 0.03 19.46	-19.97 -0.01 20.21	-17.87 -0.03 18.31	-7.44 0.03 6.90	-2.78 0.11 0.00	-1.04 0.02 0.00	2.88 -0.11 0.00	10.71 -0.29 0.00	8.56 -0.17 0.00	4.16 -0.08 0.00	1.78 -0.03 0.00	2.93 -0.06 0.00	8.67 -0.21 0.00	5.38 -0.19 0.00	4.11 -0.17 0.00	1.39 -0.05 0.00	8.60 -0.20 0.00	0.16 -0.01 0.00	-5.51 0.15 0.00	-1.52 0.02 0.00	13.01 -0.06 0.00	16.04 -0.03 0.00

NEG NORTH___ALICE_FALLS 23915	6.53 0.08 0.00	-6.08 0.12 2.82	-20.72 0.02 19.73	-20.25 -0.01 20.49	-18.12 -0.02 18.57	-7.42 0.03 6.87	-2.82 0.07 0.00	-1.06 0.01 0.00	2.91 -0.08 0.00	10.81 -0.19 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.80 -0.01 0.00	2.96 -0.03 0.00	8.75 -0.12 0.00	5.43 -0.14 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.69 -0.11 0.00	0.16 -0.01 0.00	-5.58 0.09 0.00	-1.54 0.00 0.00	13.16 0.09 0.00	16.24 0.17 0.00
NEG NORTH___LWR_SARANAC 23913	6.53 0.08 0.00	-6.08 0.12 2.82	-20.72 0.02 19.73	-20.25 -0.01 20.49	-18.12 -0.02 18.57	-7.42 0.03 6.87	-2.82 0.07 0.00	-1.06 0.01 0.00	2.91 -0.08 0.00	10.81 -0.19 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.80 -0.01 0.00	2.96 -0.03 0.00	8.75 -0.12 0.00	5.43 -0.14 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.69 -0.11 0.00	0.16 -0.01 0.00	-5.58 0.09 0.00	-1.54 0.00 0.00	13.16 0.09 0.00	16.24 0.17 0.00
NEG NORTH___PLATTSBURG 23628	6.53 0.08 0.00	-6.08 0.12 2.82	-20.72 0.02 19.73	-20.25 -0.01 20.49	-18.12 -0.02 18.57	-7.42 0.03 6.87	-2.82 0.07 0.00	-1.06 0.01 0.00	2.90 -0.09 0.00	10.81 -0.19 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.80 -0.01 0.00	2.96 -0.03 0.00	8.75 -0.12 0.00	5.43 -0.14 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.69 -0.11 0.00	0.16 -0.02 0.00	-5.58 0.09 0.00	-1.54 0.00 0.00	13.16 0.09 0.00	16.24 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	8.29 -0.30 -2.14	0.56 0.02 -3.91	2.41 0.01 -3.42	3.45 -0.01 -3.20	3.55 -0.01 -3.09	2.80 0.00 -3.38	1.96 0.02 -4.83	3.87 -0.01 -4.94	5.93 -0.15 -3.09	12.51 -0.41 -1.91	10.37 -0.32 -1.96	6.89 -0.16 -2.81	5.04 -0.06 -3.28	6.31 -0.12 -3.43	10.09 -0.45 -1.66	7.39 -0.25 -2.07	6.58 -0.18 -2.48	4.28 -0.05 -2.89	9.80 -0.45 -1.45	7.07 -0.02 -6.92	2.85 0.19 -8.32	2.47 0.06 -3.95	13.39 -0.80 -1.12	15.57 -0.87 -0.37
NEG WEST___LANCASTR 23811	8.76 -0.14 -2.45	1.10 -0.02 -4.49	2.92 0.00 -3.93	3.93 0.00 -3.67	4.03 0.00 -3.55	3.30 0.00 -3.88	2.62 -0.04 -5.55	4.59 -0.03 -5.68	6.50 -0.04 -3.55	13.15 -0.06 -2.20	10.93 -0.05 -2.25	7.43 -0.04 -3.23	5.58 0.00 -3.77	6.91 -0.02 -3.94	10.64 -0.15 -1.91	7.87 -0.08 -2.38	7.08 -0.05 -2.84	4.75 -0.02 -3.32	10.29 -0.17 -1.67	8.10 -0.01 -7.94	3.93 0.04 -9.55	3.01 0.02 -4.53	14.00 -0.36 -1.29	16.11 -0.38 -0.43
NEG_PENN_ALLEGHNY 23528	10.67 0.05 -4.16	4.20 -0.05 -7.63	5.65 -0.01 -6.67	6.49 0.00 -6.23	6.50 0.01 -6.03	6.00 -0.01 -6.59	6.46 -0.06 -9.41	8.54 -0.02 -9.63	9.08 0.06 -6.03	14.92 0.19 -3.72	12.68 0.13 -3.81	9.77 0.05 -5.48	8.24 0.03 -6.40	9.73 0.05 -6.69	12.23 0.12 -3.24	9.68 0.07 -4.04	9.18 0.07 -4.83	7.11 0.03 -5.64	11.76 0.13 -2.83	13.67 0.02 -13.48	10.46 -0.10 -16.23	6.13 -0.03 -7.69	15.39 0.13 -2.19	16.95 0.15 -0.73
NEG___GEN_MONROE 24207	8.10 -0.11 -1.75	-0.17 -0.01 -3.22	1.79 -0.01 -2.82	2.89 0.00 -2.63	3.02 0.01 -2.54	2.19 -0.01 -2.78	1.01 -0.07 -3.97	2.96 -0.04 -4.06	5.50 -0.03 -2.54	12.54 -0.03 -1.57	10.27 -0.07 -1.61	6.52 -0.03 -2.31	4.50 -0.01 -2.70	5.79 -0.02 -2.82	10.16 -0.08 -1.37	7.24 -0.03 -1.70	6.30 -0.02 -2.04	3.82 0.00 -2.38	9.90 -0.10 -1.19	5.85 -0.01 -5.69	1.17 -0.01 -6.85	1.71 0.00 -3.25	13.74 -0.25 -0.92	16.09 -0.29 -0.31
NEPA___ENERGY 23901	9.22 -0.09 -2.86	1.85 -0.02 -5.24	3.58 0.00 -4.59	4.54 0.00 -4.29	4.61 0.00 -4.15	3.95 0.00 -4.53	3.54 -0.04 -6.47	5.54 -0.03 -6.62	7.13 0.00 -4.15	13.60 0.03 -2.56	11.36 0.01 -2.62	7.98 -0.03 -3.77	6.22 0.01 -4.40	7.59 0.00 -4.60	11.03 -0.08 -2.23	8.30 -0.04 -2.77	7.59 -0.02 -3.32	5.32 -0.01 -3.88	10.62 -0.12 -1.95	9.45 0.00 -9.27	5.51 0.02 -11.16	3.76 0.01 -5.29	14.33 -0.25 -1.50	16.30 -0.27 -0.50
NEVERSINK___HYD 23608	18.05 0.54 -11.05	16.58 -0.29 -20.25	16.62 -0.09 -17.73	16.82 0.02 -16.55	16.52 0.04 -16.01	16.87 -0.05 -17.49	21.85 -0.26 -25.00	24.40 -0.09 -25.56	19.23 0.26 -15.98	21.87 0.98 -9.89	19.63 0.78 -10.12	19.16 0.38 -14.54	19.00 0.16 -17.02	21.11 0.25 -17.86	18.12 0.64 -8.61	16.67 0.38 -10.72	17.41 0.30 -12.83	16.54 0.10 -14.99	16.92 0.60 -7.52	36.00 0.01 -35.82	37.04 -0.41 -43.12	18.80 -0.10 -20.45	19.73 0.85 -5.81	19.00 1.00 -1.94
NEWKRMKL_115KV_TB1 55635	22.27 0.27 -15.54	24.96 -0.14 -28.48	23.87 -0.04 -24.93	23.54 0.01 -23.27	23.01 0.02 -22.52	24.00 -0.02 -24.60	32.15 -0.12 -35.15	34.98 -0.04 -36.08	25.79 0.13 -22.67	25.46 0.45 -14.01	23.42 0.36 -14.33	24.98 0.18 -20.56	25.86 0.08 -23.97	28.09 0.12 -24.97	21.40 0.37 -12.16	20.93 0.22 -15.14	22.57 0.18 -18.11	22.68 0.06 -21.17	19.79 0.37 -10.62	50.77 0.01 -50.59	54.97 -0.25 -60.89	27.27 -0.06 -28.88	21.82 0.54 -8.20	19.47 0.67 -2.74
NEWTON___FALLS_HYD 23847	6.72 -0.15 -0.42	-4.01 0.12 0.75	-10.93 0.03 9.95	-10.16 -0.01 10.41	-8.94 -0.01 9.39	-2.42 0.02 1.87	-1.87 0.07 -0.95	-0.07 0.02 -0.97	3.51 -0.09 -0.61	10.99 -0.40 -0.38	8.78 -0.34 -0.38	4.62 -0.17 -0.55	2.38 -0.08 -0.64	3.53 -0.14 -0.67	8.83 -0.37 -0.32	5.72 -0.25 -0.41	4.55 -0.21 -0.49	1.95 -0.06 -0.57	8.76 -0.32 -0.28	1.51 -0.02 -1.36	-3.88 0.15 -1.63	-0.72 0.04 -0.77	13.06 -0.23 -0.22	15.73 -0.41 -0.07
NGRID_A1_DSASP 323792	8.20 -0.41 -2.16	0.64 0.06 -3.96	2.46 0.02 -3.47	3.49 0.00 -3.23	3.59 -0.02 -3.13	2.86 0.01 -3.42	2.08 0.08 -4.89	3.96 0.03 -5.00	5.94 -0.18 -3.13	12.40 -0.54 -1.94	10.29 -0.42 -1.98	6.84 -0.24 -2.85	5.04 -0.09 -3.32	6.29 -0.18 -3.47	9.96 -0.60 -1.68	7.29 -0.37 -2.10	6.52 -0.27 -2.51	4.29 -0.09 -2.93	9.75 -0.53 -1.47	7.16 -0.02 -7.00	3.08 0.32 -8.43	2.55 0.09 -4.00	13.30 -0.91 -1.14	15.39 -1.06 -0.38
NGRID_A2_DSASP 323793	8.20 -0.41 -2.16	0.64 0.06 -3.96	2.46 0.02 -3.47	3.49 0.00 -3.23	3.59 -0.02 -3.13	2.86 0.01 -3.42	2.08 0.08 -4.89	3.96 0.03 -5.00	5.94 -0.18 -3.13	12.40 -0.54 -1.94	10.29 -0.42 -1.98	6.84 -0.24 -2.85	5.04 -0.09 -3.32	6.29 -0.18 -3.47	9.96 -0.60 -1.68	7.29 -0.37 -2.10	6.52 -0.27 -2.51	4.29 -0.09 -2.93	9.75 -0.53 -1.47	7.16 -0.02 -7.00	3.08 0.32 -8.43	2.55 0.09 -4.00	13.30 -0.91 -1.14	15.39 -1.06 -0.38
NGRID_A4_DSASP 323807	8.20 -0.42 -2.16	0.64 0.06 -3.96	2.47 0.02 -3.47	3.49 0.00 -3.23	3.59 -0.02 -3.13	2.86 0.01 -3.42	2.08 0.08 -4.89	3.97 0.03 -5.00	5.94 -0.18 -3.13	12.40 -0.54 -1.94	10.29 -0.42 -1.98	6.84 -0.24 -2.85	5.04 -0.09 -3.32	6.29 -0.18 -3.47	9.96 -0.60 -1.68	7.29 -0.37 -2.10	6.52 -0.27 -2.51	4.29 -0.09 -2.93	9.75 -0.52 -1.47	7.16 -0.01 -7.00	3.08 0.32 -8.43	2.55 0.09 -4.00	13.29 -0.91 -1.14	15.39 -1.06 -0.38
NIAGARA_115E_LBMP 323715	8.23 -0.38 -2.16	0.63 0.06 -3.95	2.46 0.02 -3.46	3.48 -0.01 -3.23	3.59 -0.01 -3.12	2.85 0.01 -3.41	2.05 0.06 -4.88	3.94 0.01 -4.99	5.91 -0.21 -3.12	12.33 -0.61 -1.93	10.22 -0.48 -1.98	6.84 -0.24 -2.84	5.04 -0.09 -3.32	6.28 -0.18 -3.47	9.94 -0.62 -1.68	7.30 -0.36 -2.09	6.52 -0.27 -2.50	4.29 -0.08 -2.92	9.65 -0.61 -1.47	7.13 -0.02 -6.99	3.04 0.30 -8.41	2.53 0.09 -3.99	13.18 -1.03 -1.13	15.31 -1.13 -0.38

NIAGARA_115W_LBMP 323714	8.19 -0.43 -2.16	0.64 0.07 -3.95	2.46 0.02 -3.46	3.48 0.00 -3.23	3.58 -0.02 -3.13	2.85 0.01 -3.42	2.08 0.08 -4.88	3.97 0.03 -4.99	5.93 -0.18 -3.12	12.38 -0.56 -1.93	10.27 -0.44 -1.98	6.83 -0.25 -2.84	5.03 -0.10 -3.32	6.28 -0.19 -3.47	9.94 -0.61 -1.68	7.28 -0.38 -2.09	6.50 -0.28 -2.50	4.28 -0.09 -2.92	9.73 -0.54 -1.47	7.15 -0.02 -6.99	3.09 0.34 -8.41	2.54 0.09 -3.99	13.27 -0.93 -1.13	15.36 -1.09 -0.38
NIAGARA_230_LBMP 323716	8.25 -0.33 -2.13	0.58 0.06 -3.91	2.42 0.01 -3.42	3.44 -0.01 -3.19	3.55 -0.01 -3.09	2.81 0.00 -3.37	1.97 0.04 -4.82	3.86 -0.01 -4.93	5.91 -0.17 -3.08	12.46 -0.45 -1.91	10.33 -0.35 -1.95	6.87 -0.18 -2.80	5.02 -0.07 -3.28	6.29 -0.14 -3.43	10.04 -0.50 -1.66	7.35 -0.28 -2.07	6.55 -0.21 -2.47	4.27 -0.06 -2.89	9.75 -0.50 -1.45	7.05 -0.03 -6.90	2.86 0.22 -8.31	2.47 0.07 -3.94	13.34 -0.85 -1.12	15.49 -0.95 -0.37
NIAGARA__115KV_198_GIBSON 55903	8.18 -0.43 -2.16	0.64 0.07 -3.95	2.46 0.02 -3.46	3.48 0.00 -3.23	3.58 -0.02 -3.13	2.85 0.01 -3.42	2.08 0.09 -4.88	3.97 0.03 -4.99	5.93 -0.18 -3.12	12.37 -0.56 -1.93	10.27 -0.44 -1.98	6.83 -0.25 -2.84	5.03 -0.10 -3.32	6.28 -0.19 -3.47	9.94 -0.61 -1.68	7.28 -0.38 -2.09	6.50 -0.28 -2.50	4.28 -0.09 -2.92	9.73 -0.54 -1.47	7.15 -0.01 -6.99	3.09 0.34 -8.41	2.54 0.09 -3.99	13.27 -0.93 -1.13	15.36 -1.09 -0.38
NIAGARA____ 23760	8.21 -0.40 -2.16	0.64 0.06 -3.95	2.46 0.02 -3.46	3.48 0.00 -3.23	3.58 -0.02 -3.13	2.85 0.01 -3.42	2.07 0.08 -4.88	3.95 0.03 -4.99	5.93 -0.18 -3.12	12.40 -0.53 -1.92	10.28 -0.42 -1.97	6.85 -0.22 -2.83	5.03 -0.09 -3.31	6.28 -0.17 -3.46	9.98 -0.57 -1.67	7.31 -0.35 -2.08	6.52 -0.25 -2.50	4.28 -0.08 -2.92	9.72 -0.54 -1.46	7.13 -0.02 -6.97	3.02 0.30 -8.39	2.52 0.09 -3.98	13.28 -0.92 -1.13	15.42 -1.03 -0.38
NINE_MILE_1 23575	7.30 -0.24 -1.09	-1.27 0.11 -2.00	0.77 0.03 -1.75	1.88 -0.01 -1.63	2.03 -0.01 -1.58	1.17 0.02 -1.73	-0.34 0.08 -2.47	1.49 0.03 -2.52	4.47 -0.10 -1.58	11.61 -0.37 -0.98	9.44 -0.29 -1.00	5.53 -0.15 -1.44	3.43 -0.06 -1.68	4.65 -0.10 -1.76	9.42 -0.30 -0.85	6.44 -0.19 -1.06	5.41 -0.13 -1.27	2.88 -0.04 -1.48	9.25 -0.29 -0.74	3.71 0.00 -3.53	-1.25 0.17 -4.25	0.52 0.05 -2.02	13.22 -0.43 -0.57	15.79 -0.47 -0.19
NINE_MILE_2 23744	7.30 -0.24 -1.09	-1.27 0.11 -2.00	0.76 0.03 -1.75	1.88 -0.01 -1.63	2.03 -0.01 -1.58	1.17 0.02 -1.73	-0.34 0.08 -2.47	1.48 0.03 -2.52	4.47 -0.10 -1.58	11.62 -0.37 -0.98	9.44 -0.29 -1.00	5.53 -0.15 -1.43	3.43 -0.06 -1.68	4.65 -0.10 -1.75	9.42 -0.30 -0.85	6.44 -0.19 -1.06	5.41 -0.13 -1.26	2.88 -0.04 -1.48	9.25 -0.29 -0.74	3.70 0.00 -3.53	-1.25 0.16 -4.25	0.52 0.05 -2.02	13.22 -0.43 -0.57	15.79 -0.46 -0.19
NM_CAPITAL____DRP 24208	22.19 0.26 -15.48	24.84 -0.14 -28.36	23.77 -0.04 -24.82	23.44 0.01 -23.17	22.91 0.02 -22.42	23.89 -0.02 -24.49	32.00 -0.11 -35.00	34.69 -0.04 -35.79	25.49 0.11 -22.39	25.22 0.39 -13.83	23.19 0.31 -14.14	24.70 0.16 -20.30	25.53 0.07 -23.65	27.72 0.11 -24.62	21.18 0.31 -12.00	20.71 0.19 -14.95	22.32 0.15 -17.88	22.40 0.05 -20.90	19.59 0.31 -10.49	50.13 0.01 -49.95	54.25 -0.21 -60.12	26.92 -0.05 -28.51	21.63 0.46 -8.10	19.35 0.58 -2.70
NM_CENTRAL____DRP 24181	7.69 -0.11 -1.35	-0.87 0.04 -2.47	1.16 0.01 -2.16	2.27 -0.01 -2.02	2.42 -0.01 -1.95	1.56 0.00 -2.14	0.18 0.02 -3.05	2.06 0.00 -3.12	4.91 -0.04 -1.95	12.08 -0.13 -1.21	9.86 -0.10 -1.24	5.96 -0.06 -1.77	3.87 -0.02 -2.07	5.13 -0.03 -2.17	9.82 -0.11 -1.05	6.82 -0.06 -1.31	5.81 -0.04 -1.56	3.26 -0.01 -1.83	9.63 -0.09 -0.91	4.54 0.00 -4.37	-0.37 0.04 -5.26	0.97 0.02 -2.49	13.61 -0.17 -0.71	16.13 -0.17 -0.24
NM_FRONTIER____DRP 24179	8.18 -0.43 -2.16	0.64 0.07 -3.95	2.46 0.02 -3.46	3.48 0.00 -3.23	3.58 -0.02 -3.13	2.85 0.01 -3.42	2.08 0.09 -4.88	3.97 0.03 -4.99	5.93 -0.18 -3.12	12.37 -0.56 -1.93	10.27 -0.44 -1.98	6.83 -0.25 -2.84	5.03 -0.10 -3.32	6.28 -0.19 -3.47	9.94 -0.61 -1.68	7.28 -0.38 -2.09	6.50 -0.28 -2.50	4.28 -0.09 -2.92	9.73 -0.54 -1.47	7.15 -0.01 -6.99	3.09 0.34 -8.41	2.54 0.09 -3.99	13.27 -0.93 -1.13	15.36 -1.09 -0.38
NM_ST_REGIS____HYD 24053	6.38 -0.07 0.00	-5.64 0.10 2.36	-17.49 0.03 16.50	-16.90 -0.01 17.14	-15.07 -0.01 15.53	-4.31 0.02 3.76	-2.82 0.07 0.00	-1.04 0.02 0.00	2.91 -0.07 0.00	10.75 -0.26 0.00	8.53 -0.20 0.00	4.14 -0.10 0.00	1.77 -0.05 0.00	2.91 -0.09 0.00	8.60 -0.27 0.00	5.36 -0.20 0.00	4.10 -0.19 0.00	1.38 -0.06 0.00	8.49 -0.31 0.00	0.15 -0.02 0.00	-5.48 0.19 0.00	-1.51 0.03 0.00	12.95 -0.12 0.00	15.87 -0.20 0.00
NORTHPORT____1 23551	19.71 0.57 -12.68	41.08 -0.29 -44.75	19.17 -0.09 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.04 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.05 0.81 -11.23	23.35 0.71 -13.91	38.11 0.35 -33.53	71.02 0.15 -69.07	31.53 0.21 -28.33	106.53 0.61 -97.05	37.05 0.40 -31.08	33.85 0.29 -29.27	28.93 0.09 -27.40	69.33 0.54 -59.98	52.04 0.01 -51.85	64.47 -0.37 -70.50	40.80 -0.09 -42.43	26.09 0.89 -12.14	21.01 1.28 -3.67
NORTHPORT____2 23552	19.71 0.57 -12.68	41.08 -0.29 -44.75	19.17 -0.09 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.04 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.05 0.81 -11.23	23.35 0.71 -13.91	38.11 0.35 -33.53	71.02 0.15 -69.07	31.53 0.21 -28.33	106.53 0.61 -97.05	37.05 0.40 -31.08	33.85 0.29 -29.27	28.93 0.09 -27.40	69.33 0.54 -59.98	52.04 0.01 -51.85	64.47 -0.37 -70.50	40.80 -0.09 -42.43	26.09 0.89 -12.14	21.01 1.28 -3.67
NORTHPORT____3 23553	19.66 0.53 -12.68	41.10 -0.27 -44.75	19.18 -0.08 -20.27	19.06 0.02 -18.79	21.13 0.04 -20.63	15.86 -0.05 -16.48	21.95 -0.24 -25.08	34.06 -0.09 -35.22	15.18 0.24 -11.95	19.83 0.82 -8.00	23.31 0.68 -13.91	38.10 0.33 -33.53	71.02 0.14 -69.07	31.52 0.20 -28.33	106.52 0.60 -97.05	37.04 0.39 -31.08	33.84 0.28 -29.27	28.93 0.09 -27.40	69.30 0.52 -59.98	52.03 0.01 -51.85	64.48 -0.36 -70.50	40.80 -0.09 -42.43	26.05 0.84 -12.13	20.93 1.20 -3.67
NORTHPORT____4 23650	19.66 0.53 -12.68	41.10 -0.27 -44.75	19.18 -0.08 -20.27	19.06 0.02 -18.79	21.13 0.04 -20.63	15.86 -0.05 -16.48	21.95 -0.24 -25.08	34.06 -0.09 -35.22	15.18 0.24 -11.95	19.83 0.82 -8.00	23.31 0.68 -13.91	38.10 0.33 -33.53	71.02 0.14 -69.07	31.52 0.20 -28.33	106.52 0.60 -97.05	37.04 0.39 -31.08	33.84 0.28 -29.27	28.93 0.09 -27.40	69.30 0.52 -59.98	52.03 0.01 -51.85	64.48 -0.36 -70.50	40.80 -0.09 -42.43	26.05 0.84 -12.13	20.93 1.20 -3.67
NORTHPORT____IC 23718	19.71 0.57 -12.68	41.08 -0.29 -44.75	19.17 -0.09 -20.28	19.07 0.02 -18.79	21.14 0.04 -20.63	19.07 -0.04 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.05 0.81 -11.23	23.35 0.71 -13.91	38.11 0.35 -33.53	71.02 0.15 -69.07	31.53 0.21 -28.33	106.53 0.61 -97.05	37.05 0.40 -31.08	33.85 0.29 -29.27	28.93 0.09 -27.40	69.33 0.54 -59.98	52.04 0.01 -51.85	64.47 -0.37 -70.50	40.80 -0.09 -42.43	26.09 0.89 -12.14	21.01 1.28 -3.67

NORTH__COUNTRY_ESR 323785	6.46 0.01 0.00	-6.00 0.15 2.78	-20.43 0.03 19.45	-19.96 -0.01 20.21	-17.86 -0.03 18.31	-7.44 0.03 6.90	-2.77 0.12 0.00	-1.04 0.03 0.00	2.87 -0.12 0.00	10.69 -0.31 0.00	8.55 -0.18 0.00	4.15 -0.09 0.00	1.78 -0.03 0.00	2.93 -0.07 0.00	8.65 -0.22 0.00	5.37 -0.20 0.00	4.10 -0.18 0.00	1.39 -0.06 0.00	8.58 -0.22 0.00	0.16 -0.02 0.00	-5.50 0.17 0.00	-1.51 0.03 0.00	12.98 -0.10 0.00	16.01 -0.06 0.00
NPX_GEN_1385_PROXY 323591	19.71 0.58 -12.68	41.08 -0.29 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.04 -20.63	19.07 -0.04 -19.69	31.43 -0.22 -34.54	41.14 -0.07 -42.27	24.10 0.20 -20.91	22.93 0.51 -11.41	23.13 0.49 -13.91	37.99 0.22 -33.53	70.98 0.10 -69.07	31.45 0.13 -28.33	103.51 0.38 -94.25	14.78 0.28 -8.93	8.59 0.20 -4.11	-10.79 0.06 12.30	14.31 0.35 -5.16	31.72 0.01 -31.55	64.59 -0.25 -70.50	40.83 -0.06 -42.43	25.96 0.63 -12.26	20.67 0.94 -3.67
NPX_GEN_CSC 323557	19.79 0.66 -12.68	41.03 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.71 -0.05 -56.34	139.30 -0.29 -142.48	121.57 -0.11 -122.74	126.51 0.30 -123.22	60.36 1.02 -48.33	23.48 0.84 -13.91	38.16 0.40 -33.53	71.04 0.16 -69.07	31.54 0.22 -28.33	106.59 0.67 -97.05	37.12 0.47 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.48 0.69 -59.98	52.04 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.47 1.13 -12.27	21.25 1.52 -3.67
NSINS_S_GLNS_FALLS 23858	22.92 0.38 -16.09	25.92 -0.19 -29.48	24.74 -0.05 -25.81	24.36 0.01 -24.09	23.81 0.03 -23.31	24.86 -0.03 -25.47	33.39 -0.17 -36.45	36.18 -0.07 -37.31	26.52 0.16 -23.37	25.98 0.54 -14.44	23.96 0.46 -14.77	25.66 0.22 -21.20	26.61 0.09 -24.70	28.88 0.16 -25.73	21.85 0.45 -12.53	21.48 0.30 -15.61	23.19 0.25 -18.66	23.33 0.09 -21.79	20.30 0.57 -10.93	52.26 0.02 -52.07	56.66 -0.35 -62.68	28.09 -0.09 -29.73	22.28 0.77 -8.44	19.84 0.96 -2.82
NUCOR_STEEL__DRP 24197	8.19 -0.03 -1.77	-0.15 -0.01 -3.24	1.82 0.00 -2.84	2.90 0.00 -2.65	3.03 0.00 -2.56	2.22 -0.01 -2.80	1.08 -0.03 -4.00	3.01 -0.02 -4.09	5.57 0.02 -2.56	12.60 0.01 -1.58	10.40 0.05 -1.62	6.56 -0.01 -2.33	4.54 0.00 -2.72	5.85 0.01 -2.84	10.26 0.01 -1.38	7.28 0.00 -1.71	6.35 0.01 -2.05	3.85 0.01 -2.40	10.04 0.03 -1.20	5.91 0.01 -5.73	1.16 -0.06 -6.89	1.71 -0.01 -3.27	14.05 0.05 -0.93	16.43 0.06 -0.31
NUMBER_THREE_WT_PWR 323818	6.86 -0.16 -0.57	-2.80 0.13 -0.45	-4.24 0.04 3.26	-3.24 -0.01 3.48	-2.65 -0.01 3.10	-0.64 0.02 0.08	-1.54 0.07 -1.29	0.27 0.02 -1.32	3.72 -0.09 -0.82	11.08 -0.43 -0.51	8.88 -0.37 -0.52	4.80 -0.19 -0.75	2.60 -0.08 -0.87	3.77 -0.14 -0.91	8.95 -0.37 -0.44	5.87 -0.25 -0.55	4.75 -0.20 -0.66	2.17 -0.05 -0.77	8.95 -0.24 -0.39	2.00 -0.02 -1.84	-3.38 0.07 -2.22	-0.44 0.05 -1.05	13.12 -0.25 -0.30	15.66 -0.50 -0.10
NYISO_LBMP_REFERENCE 24008	6.45 0.00 0.00	-3.38 0.00 0.00	-1.02 0.00 0.00	0.26 0.00 0.00	0.47 0.00 0.00	-0.57 0.00 0.00	-2.89 0.00 0.00	-1.06 0.00 0.00	2.99 0.00 0.00	11.00 0.00 0.00	8.73 0.00 0.00	4.24 0.00 0.00	1.81 0.00 0.00	3.00 0.00 0.00	8.88 0.00 0.00	5.57 0.00 0.00	4.28 0.00 0.00	1.45 0.00 0.00	8.80 0.00 0.00	0.17 0.00 0.00	-5.67 0.00 0.00	-1.54 0.00 0.00	13.07 0.00 0.00	16.07 0.00 0.00
NYPA_BRENTWD__GT 24164	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.17 -0.10 -20.29	19.08 0.02 -18.81	21.14 0.05 -20.63	26.72 -0.05 -27.34	53.92 -0.26 -57.08	57.92 -0.09 -59.07	45.53 0.26 -42.28	30.91 0.96 -18.94	23.45 0.81 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.56 0.24 -28.33	106.62 0.70 -97.05	37.11 0.46 -31.08	33.90 0.34 -29.27	28.95 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.78 -0.11 -42.43	26.25 1.04 -12.14	21.19 1.46 -3.67
NYPA_GOWANUS__GT5 24156	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NYPA_GOWANUS__GT6 24157	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.74 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18
NYPA_HARLEM_RVR_GT1 24160	19.30 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.97 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.24 0.67 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.22 0.97 -2.18
NYPA_HARLEM_RVR_GT2 24161	19.30 0.41 -12.44	19.21 -0.21 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.37 0.20 -18.17	22.97 0.74 -11.23	20.71 0.58 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.24 0.67 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.22 0.97 -2.18
NYPA_KENT__GT 24152	19.32 0.42 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.38 0.21 -18.17	23.01 0.78 -11.23	20.74 0.61 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.25 0.69 -9.69	18.06 0.42 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.86 0.58 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.51 0.90 -6.54	19.32 1.07 -2.18
NYPA_POUCH1__GT 24155	19.28 0.39 -12.44	19.22 -0.19 -22.79	18.88 -0.05 -19.95	18.90 0.01 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.09 -0.16 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.95 0.71 -11.23	20.68 0.55 -11.40	20.89 0.28 -16.37	21.12 0.12 -19.19	23.37 0.21 -20.17	19.20 0.63 -9.69	18.03 0.38 -12.08	19.03 0.30 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.53 0.01 -40.34	42.54 -0.35 -48.56	21.38 -0.11 -23.03	20.53 0.92 -6.54	19.35 1.10 -2.18
NYPA_VERNON__GT2 24162	19.32 0.42 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.38 0.21 -18.17	23.01 0.78 -11.23	20.74 0.61 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.50 0.88 -6.54	19.31 1.06 -2.18

NYPA_VERNON____GT3 24163	19.32	19.20	18.87	18.90	18.52	19.08	25.07	27.78	21.38	23.01	20.74	20.92	21.13	23.38	19.25	18.06	19.04	18.43	17.84	40.52	42.48	21.38	20.50	19.31
	0.42	-0.22	-0.06	0.02	0.03	-0.03	-0.18	-0.05	0.21	0.78	0.61	0.31	0.13	0.22	0.68	0.42	0.31	0.10	0.57	0.00	-0.41	-0.11	0.88	1.06
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.69	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
NYPA____ASTORIA_CC1 323568	19.31	19.20	18.87	18.90	18.52	19.08	25.07	27.78	21.37	23.00	20.72	20.91	21.13	23.38	19.23	18.05	19.03	18.42	17.81	40.52	42.48	21.39	20.50	19.30
	0.42	-0.21	-0.06	0.02	0.03	-0.03	-0.17	-0.05	0.21	0.76	0.59	0.30	0.13	0.21	0.66	0.41	0.30	0.10	0.55	0.00	-0.41	-0.11	0.88	1.05
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.69	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
NYPA____ASTORIA_CC2 323569	19.31	19.20	18.87	18.90	18.52	19.08	25.07	27.78	21.37	23.00	20.72	20.91	21.13	23.38	19.23	18.05	19.03	18.42	17.81	40.52	42.48	21.39	20.50	19.30
	0.42	-0.21	-0.06	0.02	0.03	-0.03	-0.17	-0.05	0.21	0.76	0.59	0.30	0.13	0.21	0.66	0.41	0.30	0.10	0.55	0.00	-0.41	-0.11	0.88	1.05
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.69	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
NYPA____HOLTSVILL 23794	19.74	41.05	19.22	19.14	21.14	55.14	137.62	120.31	124.87	59.52	23.43	38.15	71.04	31.54	106.57	37.08	33.88	28.94	69.40	52.04	64.42	40.79	26.23	21.11
	0.60	-0.32	-0.10	0.02	0.05	-0.05	-0.27	-0.10	0.27	0.95	0.79	0.38	0.15	0.22	0.65	0.44	0.32	0.10	0.62	0.01	-0.42	-0.11	1.00	1.38
	-12.68	-44.75	-20.33	-18.86	-20.63	-55.76	-140.78	-121.47	-121.61	-47.57	-13.91	-33.53	-69.07	-28.33	-97.05	-31.08	-29.27	-27.40	-59.98	-51.85	-70.50	-42.43	-12.15	-3.67
NYPA____HELLGATE_GT1 24158	19.30	19.21	18.88	18.90	18.52	19.08	25.08	27.79	21.37	22.97	20.71	20.90	21.13	23.38	19.24	18.05	19.03	18.42	17.82	40.52	42.51	21.39	20.45	19.23
	0.41	-0.21	-0.06	0.02	0.03	-0.03	-0.17	-0.05	0.20	0.74	0.58	0.29	0.13	0.21	0.67	0.41	0.30	0.10	0.55	0.01	-0.38	-0.10	0.84	0.98
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.69	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
NYPA____HELLGATE_GT2 24159	19.30	19.21	18.88	18.90	18.52	19.08	25.08	27.79	21.37	22.97	20.71	20.90	21.13	23.38	19.24	18.05	19.03	18.42	17.82	40.52	42.51	21.39	20.45	19.23
	0.41	-0.21	-0.06	0.02	0.03	-0.03	-0.17	-0.05	0.20	0.74	0.58	0.29	0.13	0.21	0.67	0.41	0.30	0.10	0.55	0.01	-0.38	-0.10	0.84	0.98
	-12.44	-22.79	-19.95	-18.63	-18.02	-19.69	-28.14	-28.90	-18.17	-11.23	-11.40	-16.37	-19.19	-20.17	-9.69	-12.08	-14.45	-16.88	-8.47	-40.34	-48.56	-23.03	-6.54	-2.18
NYS_BARGE____HYD 23848	8.28	0.53	2.39	3.43	3.54	2.78	1.93	3.84	5.91	12.49	10.34	6.87	5.01	6.28	10.07	7.37	6.56	4.26	9.79	7.02	2.80	2.44	13.38	15.57
	-0.29	0.02	0.01	0.00	-0.01	0.00	0.02	-0.01	-0.15	-0.42	-0.33	-0.17	-0.06	-0.12	-0.45	-0.25	-0.18	-0.06	-0.45	-0.02	0.19	0.06	-0.80	-0.87
	-2.12	-3.88	-3.40	-3.18	-3.07	-3.36	-4.80	-4.91	-3.07	-1.90	-1.94	-2.79	-3.26	-3.41	-1.65	-2.06	-2.46	-2.87	-1.44	-6.87	-8.27	-3.92	-1.11	-0.37
OAK ORCHARD____HYD 24046	8.05	-0.14	1.80	2.88	3.01	2.20	1.07	2.97	5.46	12.41	10.21	6.49	4.49	5.77	10.08	7.19	6.27	3.81	9.82	5.85	1.22	1.72	13.63	15.97
	-0.16	0.02	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.07	-0.16	-0.13	-0.06	-0.02	-0.04	-0.16	-0.08	-0.05	-0.02	-0.18	-0.01	0.04	0.02	-0.36	-0.40
	-1.75	-3.22	-2.82	-2.63	-2.54	-2.78	-3.97	-4.06	-2.54	-1.57	-1.61	-2.31	-2.70	-2.82	-1.37	-1.70	-2.04	-2.38	-1.19	-5.69	-6.85	-3.25	-0.92	-0.31
OAKDALE__35_KV_LOAD 356122	10.62	4.15	5.60	6.44	6.46	5.95	6.40	8.47	9.02	14.85	12.62	9.71	8.18	9.67	12.18	9.63	9.13	7.06	11.71	13.56	10.35	6.07	15.33	16.90
	0.04	-0.04	-0.01	0.00	0.01	-0.01	-0.05	-0.02	0.05	0.15	0.11	0.04	0.02	0.04	0.09	0.06	0.06	0.02	0.10	0.01	-0.08	-0.02	0.09	0.11
	-4.13	-7.57	-6.62	-6.18	-5.98	-6.53	-9.34	-9.55	-5.98	-3.70	-3.79	-5.43	-6.35	-6.64	-3.22	-4.00	-4.79	-5.60	-2.81	-13.38	-16.10	-7.64	-2.17	-0.72
OCC_CHEM____DRP 24175	8.20	0.64	2.47	3.49	3.59	2.86	2.08	3.97	5.94	12.40	10.29	6.84	5.04	6.29	9.96	7.29	6.52	4.29	9.75	7.16	3.08	2.55	13.29	15.39
	-0.42	0.06	0.02	0.00	-0.02	0.01	0.08	0.03	-0.18	-0.54	-0.42	-0.24	-0.09	-0.18	-0.60	-0.37	-0.27	-0.09	-0.52	-0.01	0.32	0.09	-0.91	-1.06
	-2.16	-3.96	-3.47	-3.23	-3.13	-3.42	-4.89	-5.00	-3.13	-1.94	-1.98	-2.85	-3.32	-3.47	-1.68	-2.10	-2.51	-2.93	-1.47	-7.00	-8.43	-4.00	-1.14	-0.38
OH_GEN_PROXY 24063	8.28	0.59	2.43	3.45	3.56	2.81	1.97	3.87	5.93	12.69	10.37	6.89	5.04	6.31	10.08	7.38	6.57	4.29	9.79	7.08	2.88	2.47	14.19	15.55
	-0.31	0.06	0.01	-0.01	-0.01	0.00	0.03	-0.01	-0.15	-0.41	-0.32	-0.16	-0.06	-0.12	-0.46	-0.26	-0.19	-0.06	-0.47	-0.02	0.20	0.06	-0.80	-0.89
	-2.14	-3.92	-3.43	-3.20	-3.10	-3.39	-4.84	-4.94	-3.10	-2.09	-1.96	-2.81	-3.29	-3.44	-1.66	-2.08	-2.48	-2.90	-1.45	-6.93	-8.34	-3.96	-1.92	-0.38
OLIN_CORP_DRP 24177	8.25	0.66	2.48	3.50	3.61	2.87	2.09	3.97	5.94	12.37	10.26	6.87	5.06	6.31	9.97	7.32	6.55	4.31	9.68	7.19	3.09	2.56	13.21	15.34
	-0.38	0.06	0.01	-0.01	-0.01	0.01	0.06	0.01	-0.20	-0.58	-0.46	-0.23	-0.09	-0.17	-0.60	-0.35	-0.26	-0.08	-0.60	-0.02	0.29	0.08	-1.00	-1.11
	-2.17	-3.98	-3.49	-3.25	-3.15	-3.44	-4.92	-5.03	-3.15	-1.95	-1.99	-2.86	-3.34	-3.49	-1.69	-2.11	-2.52	-2.94	-1.48	-7.04	-8.47	-4.02	-1.14	-0.38
OLIN_CORP_DSASP 323712	8.20	0.64	2.46	3.49	3.59	2.86	2.08	3.96	5.94	12.40	10.29	6.84	5.04	6.29	9.96	7.29	6.52	4.29	9.75	7.16	3.08	2.55	13.30	15.39
	-0.41	0.06	0.02	0.00	-0.02	0.01	0.08	0.03	-0.18	-0.54	-0.42	-0.24	-0.09	-0.18	-0.60	-0.37	-0.27	-0.09	-0.53	-0.02	0.32	0.09	-0.91	-1.06
	-2.16	-3.96	-3.47	-3.23	-3.13	-3.42	-4.89	-5.00	-3.13	-1.94	-1.98	-2.85	-3.32	-3.47	-1.68	-2.10	-2.51	-2.93	-1.47	-7.00	-8.43	-4.00	-1.14	-0.38
ONEIDA_HERK_LFGE 323681	6.96	-2.64	-1.56	-0.40	-0.08	-0.09	-1.77	0.09	3.71	11.40	9.13	4.86	2.57	3.77	9.20	6.02	4.84	2.13	9.18	1.79	-3.78	-0.62	13.39	16.12
	0.00	0.01	0.00	0.00	0.00	0.00	-0.02	-0.01	0.00	-0.05	-0.06	-0.04	-0.01	-0.03	-0.07	-0.03	-0.03	0.00	0.03	-0.01	-0.06	0.00	0.05	-0.04
	-0.50	-0.72	0.55	0.65	0.54	-0.49	-1.13	-1.16	-0.72	-0.45	-0.46	-0.66	-0.77	-0.80	-0.39	-0.48	-0.58	-0.68	-0.34	-1.62	-1.95	-0.93	-0.26	-0.09
ONEIDA____115KV_TB4 55905	7.42	-1.81	0.38	1.57	1.75	0.81	-0.96	0.95	4.31	11.92	9.62	5.44	3.18	4.44	9.64	6.50	5.37	2.67	9.59	3.03	-2.37	0.06	13.75	16.44
	0.08	-0.05	-0.01	0.00	0.01	-0.01	-0.07	-0.03	0.04	0.13	0.08	0.04	0.02	0.03	0.08	0.08	0.06	0.03	0.19	0.00	-0.14	-0.03	0.21	0.22
	-0.88	-1.61	-1.41	-1.32	-1.28	-1.39	-1.99	-2.04	-1.28	-0.79	-0.81	-1.16	-1.35	-1.42	-0.68	-0.85	-1.02	-1.19	-0.60	-2.85	-3.43	-1.63	-0.46	-0.15

ONONDAGA_REF_OCCRA 23987	7.99 -0.07 -1.61	-0.41 0.02 -2.95	1.57 0.01 -2.58	2.66 0.00 -2.41	2.80 0.00 -2.33	1.97 0.00 -2.55	0.75 0.00 -3.64	2.65 -0.01 -3.72	5.31 -0.02 -2.33	12.38 -0.07 -1.44	10.15 -0.06 -1.47	6.32 -0.04 -2.12	4.28 -0.01 -2.47	5.56 -0.02 -2.59	10.07 -0.06 -1.25	7.10 -0.03 -1.56	6.14 -0.02 -1.87	3.63 0.00 -2.18	9.86 -0.03 -1.09	5.39 0.00 -5.21	0.61 0.00 -6.27	1.44 0.00 -2.97	13.83 -0.09 -0.85	16.27 -0.08 -0.28
ONONDAGA___COGEN 23986	7.90 -0.08 -1.53	-0.56 0.03 -2.80	1.44 0.01 -2.44	2.54 0.00 -2.28	2.67 -0.01 -2.21	1.84 0.00 -2.41	0.56 0.00 -3.45	2.46 -0.01 -3.53	5.18 -0.02 -2.21	12.29 -0.08 -1.37	10.08 -0.05 -1.40	6.22 -0.03 -2.01	4.15 -0.01 -2.34	5.43 -0.02 -2.45	9.99 -0.07 -1.19	7.01 -0.04 -1.48	6.03 -0.02 -1.77	3.51 0.00 -2.07	9.79 -0.04 -1.04	5.12 0.00 -4.94	0.29 0.00 -5.95	1.29 0.00 -2.82	13.77 -0.10 -0.80	16.23 -0.10 -0.27
ONTARIO___LFGE 23819	8.43 -0.03 -2.01	0.29 -0.01 -3.68	2.21 0.00 -3.23	3.27 0.00 -3.01	3.38 0.00 -2.91	2.60 -0.01 -3.19	1.61 -0.05 -4.55	3.56 -0.03 -4.65	5.93 0.03 -2.91	12.87 0.06 -1.80	10.59 0.02 -1.84	6.88 -0.01 -2.65	4.91 0.00 -3.09	6.23 0.01 -3.23	10.43 -0.01 -1.57	7.53 0.01 -1.95	6.66 0.04 -2.33	4.19 0.02 -2.73	10.23 0.06 -1.37	6.70 0.01 -6.52	2.09 -0.08 -7.84	2.17 -0.02 -3.72	14.09 -0.04 -1.06	16.35 -0.07 -0.35
ORANGEVILLE_WT_PWR 323706	8.72 -0.32 -2.59	1.43 0.06 -4.75	3.16 0.02 -4.15	4.12 -0.01 -3.88	4.21 -0.01 -3.75	3.54 0.01 -4.10	3.03 0.06 -5.86	4.94 0.01 -5.99	6.59 -0.14 -3.75	12.94 -0.38 -2.32	10.84 -0.27 -2.37	7.51 -0.13 -3.41	5.75 -0.04 -3.98	7.07 -0.09 -4.16	10.56 -0.33 -2.02	7.89 -0.19 -2.51	7.15 -0.14 -3.00	4.91 -0.04 -3.51	10.23 -0.33 -1.76	8.55 -0.01 -8.39	4.61 0.18 -10.10	3.31 0.05 -4.79	13.72 -0.72 -1.36	15.67 -0.85 -0.45
ORANGEVILLE___ESR 323794	8.72 -0.32 -2.59	1.43 0.06 -4.75	3.16 0.02 -4.15	4.12 -0.01 -3.88	4.21 -0.01 -3.75	3.54 0.01 -4.10	3.03 0.06 -5.86	4.94 0.01 -5.99	6.59 -0.14 -3.75	12.94 -0.38 -2.32	10.84 -0.27 -2.37	7.51 -0.13 -3.41	5.75 -0.04 -3.98	7.07 -0.09 -4.16	10.56 -0.33 -2.02	7.89 -0.19 -2.51	7.15 -0.14 -3.00	4.91 -0.04 -3.51	10.23 -0.33 -1.76	8.55 -0.01 -8.39	4.61 0.18 -10.10	3.31 0.05 -4.79	13.72 -0.72 -1.36	15.67 -0.85 -0.45
OSWEGATCHIE___HYD 24044	6.72 -0.15 -0.42	-4.01 0.12 0.75	-10.93 0.03 9.95	-10.16 -0.01 10.41	-8.94 -0.01 9.39	-2.42 0.02 1.87	-1.87 0.07 -0.95	-0.07 0.02 -0.97	3.51 -0.09 -0.61	10.99 -0.40 -0.38	8.78 -0.34 -0.38	4.62 -0.17 -0.55	2.38 -0.08 -0.64	3.53 -0.14 -0.67	8.83 -0.37 -0.32	5.72 -0.25 -0.41	4.55 -0.21 -0.49	1.95 -0.06 -0.57	8.76 -0.32 -0.28	1.51 -0.02 -1.36	-3.88 0.15 -1.63	-0.72 0.04 -0.77	13.06 -0.23 -0.22	15.73 -0.41 -0.07
OSWEGO___5 23606	7.48 -0.20 -1.23	-1.04 0.09 -2.26	0.99 0.03 -1.97	2.09 -0.01 -1.84	2.24 -0.01 -1.78	1.39 0.01 -1.95	-0.04 0.06 -2.78	1.80 0.02 -2.85	4.69 -0.08 -1.78	11.81 -0.30 -1.10	9.62 -0.24 -1.13	5.74 -0.12 -1.62	3.66 -0.05 -1.89	4.89 -0.08 -1.98	9.58 -0.25 -0.96	6.61 -0.15 -1.19	5.60 -0.11 -1.43	3.08 -0.04 -1.67	9.41 -0.23 -0.84	4.16 0.00 -3.99	-0.74 0.13 -4.80	0.77 0.04 -2.28	13.36 -0.36 -0.65	15.90 -0.38 -0.22
OSWEGO___6 23613	7.48 -0.20 -1.23	-1.04 0.09 -2.26	0.99 0.03 -1.97	2.09 -0.01 -1.84	2.24 -0.01 -1.78	1.39 0.01 -1.95	-0.04 0.06 -2.78	1.80 0.02 -2.85	4.69 -0.08 -1.78	11.81 -0.30 -1.10	9.62 -0.24 -1.13	5.74 -0.12 -1.62	3.66 -0.05 -1.89	4.89 -0.08 -1.98	9.58 -0.25 -0.96	6.61 -0.15 -1.19	5.60 -0.11 -1.43	3.08 -0.04 -1.67	9.41 -0.23 -0.84	4.16 0.00 -3.99	-0.74 0.13 -4.80	0.77 0.04 -2.28	13.36 -0.36 -0.65	15.90 -0.38 -0.22
OUTOKUMPU-AB___DRP 24206	8.40 -0.26 -2.20	0.65 0.00 -4.03	2.51 0.00 -3.53	3.55 0.00 -3.29	3.65 -0.01 -3.19	2.91 0.00 -3.48	2.09 0.00 -4.98	4.02 -0.01 -5.09	6.06 -0.12 -3.18	12.70 -0.28 -1.97	10.53 -0.21 -2.01	7.02 -0.12 -2.90	5.15 -0.04 -3.38	6.44 -0.09 -3.54	10.24 -0.35 -1.71	7.50 -0.20 -2.13	6.69 -0.14 -2.55	4.39 -0.04 -2.98	9.97 -0.33 -1.50	7.29 -0.01 -7.13	3.07 0.15 -8.58	2.57 0.05 -4.07	13.59 -0.64 -1.16	15.73 -0.72 -0.39
OXBOW___ 24026	8.32 -0.32 -2.18	0.64 0.02 -4.00	2.49 0.01 -3.50	3.52 0.00 -3.27	3.62 -0.01 -3.16	2.88 0.00 -3.45	2.08 0.03 -4.94	3.99 0.01 -5.05	6.01 -0.14 -3.16	12.58 -0.38 -1.95	10.44 -0.29 -2.00	6.94 -0.17 -2.87	5.10 -0.06 -3.35	6.37 -0.13 -3.51	10.13 -0.45 -1.70	7.42 -0.27 -2.12	6.62 -0.20 -2.53	4.34 -0.06 -2.96	9.88 -0.40 -1.48	7.22 -0.02 -7.07	3.06 0.22 -8.50	2.56 0.06 -4.03	13.48 -0.74 -1.15	15.60 -0.85 -0.38
OXY_CHEM_DSASP 323612	8.20 -0.42 -2.16	0.64 0.06 -3.96	2.47 0.02 -3.47	3.49 0.00 -3.23	3.59 -0.02 -3.13	2.86 0.01 -3.42	2.08 0.08 -4.89	3.97 0.03 -5.00	5.94 -0.18 -3.13	12.40 -0.54 -1.94	10.29 -0.42 -1.98	6.84 -0.24 -2.85	5.04 -0.09 -3.32	6.29 -0.18 -3.47	9.96 -0.60 -1.68	7.29 -0.37 -2.10	6.52 -0.27 -2.51	4.29 -0.09 -2.93	9.75 -0.52 -1.47	7.16 -0.01 -7.00	3.08 0.32 -8.43	2.55 0.09 -4.00	13.29 -0.91 -1.14	15.39 -1.06 -0.38
OZONE_PARK_ESR 323760	19.36 0.47 -12.44	19.18 -0.24 -22.79	18.87 -0.07 -19.95	18.90 0.02 -18.63	18.53 0.03 -18.02	19.07 -0.04 -19.68	25.05 -0.20 -28.14	27.77 -0.06 -28.90	21.40 0.24 -18.17	23.10 0.87 -11.23	20.81 0.69 -11.40	20.95 0.34 -16.37	21.15 0.15 -19.19	23.41 0.24 -20.17	19.32 0.76 -9.69	18.11 0.47 -12.08	19.08 0.35 -14.45	18.44 0.12 -16.88	17.91 0.64 -8.47	40.52 0.01 -40.34	42.45 -0.44 -48.56	21.37 -0.11 -23.03	20.56 0.95 -6.54	19.38 1.13 -2.18
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	8.20 -0.42 -2.16	0.64 0.06 -3.96	2.47 0.02 -3.47	3.49 0.00 -3.23	3.59 -0.02 -3.13	2.86 0.01 -3.42	2.08 0.08 -4.89	3.97 0.03 -5.00	5.94 -0.18 -3.13	12.40 -0.54 -1.94	10.29 -0.42 -1.98	6.84 -0.24 -2.85	5.04 -0.09 -3.32	6.29 -0.18 -3.47	9.96 -0.60 -1.68	7.29 -0.37 -2.10	6.52 -0.27 -2.51	4.29 -0.09 -2.93	9.75 -0.52 -1.47	7.16 -0.01 -7.00	3.08 0.32 -8.43	2.55 0.09 -4.00	13.29 -0.91 -1.14	15.39 -1.06 -0.38
PACKARD___115KV_DUPONT_184 80571	8.20 -0.42 -2.16	0.64 0.06 -3.96	2.47 0.02 -3.47	3.49 0.00 -3.23	3.59 -0.02 -3.13	2.86 0.01 -3.42	2.08 0.08 -4.89	3.97 0.03 -5.00	5.94 -0.18 -3.13	12.40 -0.54 -1.94	10.29 -0.42 -1.98	6.84 -0.24 -2.85	5.04 -0.09 -3.32	6.29 -0.18 -3.47	9.96 -0.60 -1.68	7.29 -0.37 -2.10	6.52 -0.27 -2.51	4.29 -0.09 -2.93	9.75 -0.52 -1.47	7.16 -0.01 -7.00	3.08 0.32 -8.43	2.55 0.09 -4.00	13.29 -0.91 -1.14	15.39 -1.06 -0.38
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.30 0.40 -12.44	19.21 -0.20 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.36 0.20 -18.17	22.96 0.73 -11.23	20.70 0.57 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.37 0.21 -20.17	19.21 0.65 -9.69	18.04 0.40 -12.08	19.02 0.29 -14.45	18.42 0.09 -16.88	17.81 0.54 -8.47	40.52 0.00 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.85 -6.54	19.27 1.02 -2.18

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.30 0.40 -12.44	19.21 -0.20 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.04 -19.69	25.06 -0.19 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.98 0.75 -11.23	20.70 0.57 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.37 0.21 -20.17	19.21 0.65 -9.69	18.04 0.40 -12.08	19.02 0.30 -14.45	18.42 0.09 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.85 -6.54	19.27 1.02 -2.18
PATROON__115KV_TB1 80586	22.32 0.28 -15.59	25.04 -0.15 -28.57	23.95 -0.04 -25.01	23.61 0.01 -23.35	23.08 0.02 -22.59	24.08 -0.02 -24.67	32.26 -0.12 -35.27	35.15 -0.04 -36.25	25.94 0.13 -22.82	25.57 0.47 -14.10	23.53 0.38 -14.42	25.13 0.19 -20.70	26.02 0.08 -24.12	28.26 0.13 -25.14	21.50 0.38 -12.24	21.05 0.24 -15.24	22.70 0.19 -18.23	22.81 0.06 -21.30	19.87 0.39 -10.68	51.08 0.01 -50.90	55.34 -0.26 -61.27	27.45 -0.07 -29.06	21.89 0.57 -8.25	19.52 0.70 -2.75
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	8.68 -0.15 -2.38	0.96 -0.02 -4.36	2.79 0.00 -3.82	3.81 0.00 -3.56	3.91 0.00 -3.45	3.18 -0.01 -3.76	2.46 -0.04 -5.38	4.41 -0.03 -5.50	6.38 -0.06 -3.45	13.06 -0.08 -2.13	10.85 -0.06 -2.18	7.33 -0.04 -3.13	5.47 0.00 -3.66	6.79 -0.03 -3.82	10.56 -0.16 -1.85	7.79 -0.08 -2.31	6.99 -0.05 -2.76	4.65 -0.02 -3.22	10.22 -0.19 -1.62	7.86 -0.01 -7.70	3.64 0.04 -9.27	2.87 0.02 -4.40	13.92 -0.40 -1.25	16.05 -0.43 -0.42
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.44 0.43 -12.56	19.41 -0.22 -23.01	19.06 -0.06 -20.14	19.07 0.02 -18.80	18.69 0.03 -18.19	19.26 -0.03 -19.87	25.32 -0.19 -28.40	27.96 -0.06 -29.09	21.43 0.21 -18.22	23.03 0.75 -11.27	20.83 0.60 -11.50	21.06 0.30 -16.53	21.30 0.13 -19.36	23.55 0.21 -20.34	19.32 0.66 -9.78	18.16 0.41 -12.19	19.17 0.31 -14.58	18.58 0.10 -17.04	17.94 0.59 -8.55	40.90 0.01 -40.71	42.95 -0.40 -49.01	21.60 -0.10 -23.24	20.52 0.84 -6.60	19.28 1.01 -2.20
PEEKSKILL____ 23653	19.15 0.38 -12.31	18.98 -0.20 -22.56	18.67 -0.06 -19.75	18.70 0.02 -18.43	18.33 0.03 -17.83	18.88 -0.03 -19.48	24.79 -0.16 -27.84	27.67 -0.05 -28.79	21.28 0.19 -18.11	22.88 0.68 -11.20	20.67 0.54 -11.40	20.89 0.27 -16.38	21.13 0.11 -19.20	23.37 0.19 -20.19	19.17 0.59 -9.70	18.02 0.37 -12.08	19.02 0.28 -14.46	18.43 0.09 -16.89	17.79 0.51 -8.48	40.55 0.01 -40.37	42.58 -0.35 -48.59	21.42 -0.09 -23.05	20.36 0.75 -6.55	19.15 0.90 -2.19
PGE MADISON__WINDPWR 24146	10.67 0.28 -3.93	3.67 -0.15 -7.20	5.24 -0.04 -6.30	6.15 0.01 -5.88	6.19 0.02 -5.69	5.61 -0.03 -6.22	5.82 -0.18 -8.89	7.95 -0.08 -9.09	8.82 0.14 -5.69	14.92 0.40 -3.52	12.57 0.24 -3.60	9.50 0.09 -5.17	7.90 0.04 -6.04	9.38 0.07 -6.32	12.13 0.20 -3.06	9.51 0.14 -3.81	9.00 0.16 -4.56	6.83 0.06 -5.33	11.93 0.46 -2.67	12.92 0.02 -12.73	9.25 -0.40 -15.32	5.64 -0.09 -7.27	15.72 0.59 -2.06	17.42 0.67 -0.69
PIERCEFIELD__HYD 23852	6.33 -0.12 0.00	-5.56 0.10 2.28	-16.95 0.03 15.96	-16.34 -0.01 16.58	-14.57 -0.01 15.02	-4.37 0.02 3.81	-2.81 0.07 0.00	-1.04 0.02 0.00	2.91 -0.08 0.00	10.71 -0.29 0.00	8.49 -0.24 0.00	4.13 -0.12 0.00	1.76 -0.06 0.00	2.89 -0.10 0.00	8.56 -0.32 0.00	5.34 -0.23 0.00	4.08 -0.21 0.00	1.38 -0.07 0.00	8.43 -0.37 0.00	0.15 -0.02 0.00	-5.45 0.21 0.00	-1.51 0.03 0.00	12.89 -0.18 0.00	15.78 -0.29 0.00
PINELAWN_CC_1 323563	19.72 0.58 -12.68	41.07 -0.30 -44.75	19.18 -0.09 -20.28	19.07 0.02 -18.80	21.14 0.04 -20.63	21.44 -0.05 -22.07	38.39 -0.25 -41.53	46.33 -0.09 -47.48	30.79 0.26 -27.54	25.53 0.90 -13.62	23.39 0.75 -13.91	38.13 0.36 -33.53	71.03 0.15 -69.07	31.54 0.22 -28.33	106.59 0.66 -97.05	37.09 0.44 -31.08	33.88 0.32 -29.27	28.94 0.10 -27.40	69.39 0.61 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.79 -0.11 -42.43	26.19 0.98 -12.14	21.09 1.36 -3.67
PJM_GEN_HTP_PROXY 323702	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.72 -0.03 -20.33	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.62 0.21 -18.42	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
PJM_GEN_KEystone 24065	14.37 0.14 -7.77	10.76 -0.10 -14.24	11.42 -0.03 -12.47	11.90 0.01 -11.64	11.74 0.01 -11.26	12.35 -0.02 -12.94	14.59 -0.10 -17.58	16.83 -0.04 -17.93	0.81 0.08 2.26	18.27 0.33 -6.93	16.11 0.26 -7.12	14.58 0.12 -10.22	13.85 0.06 -11.98	15.67 0.09 -12.58	15.18 0.26 -6.05	13.27 0.16 -7.54	13.43 0.13 -9.02	12.03 0.04 -10.54	14.28 0.19 -5.29	25.37 0.01 -25.19	24.49 -0.16 -30.32	12.80 -0.04 -14.38	17.40 0.24 -4.09	17.73 0.30 -1.36
PJM_GEN_NEPTUNE_PROXY 323594	19.53 0.50 -12.58	31.04 -0.26 -34.68	19.04 -0.08 -20.13	18.99 0.02 -18.72	19.94 0.03 -19.43	19.72 -0.04 -20.33	31.42 -0.22 -34.54	41.13 -0.08 -42.27	-21.69 0.23 24.91	23.03 0.79 -11.23	22.15 0.67 -12.76	30.34 0.33 -25.78	71.00 0.14 -69.05	31.52 0.20 -28.33	106.54 0.62 -97.05	37.05 0.40 -31.08	33.84 0.28 -29.27	28.93 0.09 -27.40	69.30 0.52 -59.98	52.04 0.01 -51.85	64.48 -0.36 -70.50	40.80 -0.09 -42.43	26.04 0.84 -12.14	20.23 1.17 -3.00
PJM_GEN_VFT_PROXY 323633	19.28 0.38 -12.44	19.21 -0.20 -22.79	18.88 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.72 -0.03 -20.33	25.08 -0.17 -28.14	27.79 -0.05 -28.90	21.61 0.20 -18.42	22.96 0.73 -11.23	20.70 0.57 -11.40	20.90 0.28 -16.37	21.13 0.12 -19.19	23.37 0.21 -20.17	19.21 0.64 -9.69	18.03 0.39 -12.08	19.02 0.29 -14.45	18.42 0.10 -16.88	17.80 0.53 -8.47	40.52 0.00 -40.34	42.53 -0.37 -48.56	21.40 -0.09 -23.03	20.40 0.79 -6.54	19.17 0.92 -2.18
PLATSBRG_115KV_PMLD1 355749	6.52 0.07 0.00	-6.08 0.12 2.83	-20.78 0.02 19.78	-20.30 -0.01 20.55	-18.17 -0.02 18.62	-7.41 0.03 6.87	-2.81 0.08 0.00	-1.06 0.01 0.00	2.90 -0.09 0.00	10.80 -0.20 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.80 -0.01 0.00	2.96 -0.03 0.00	8.76 -0.12 0.00	5.44 -0.13 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.68 -0.12 0.00	0.16 -0.01 0.00	-5.57 0.10 0.00	-1.54 0.00 0.00	13.15 0.07 0.00	16.24 0.17 0.00
PLEASANTVLY__LBMP 24000	19.84 0.35 -13.04	20.32 -0.18 -23.88	19.83 -0.05 -20.91	19.78 0.01 -19.52	19.37 0.03 -18.88	20.02 -0.03 -20.63	26.45 -0.14 -29.48	29.09 -0.05 -30.19	22.07 0.16 -18.92	23.29 0.57 -11.71	21.13 0.46 -11.94	21.62 0.22 -17.16	22.01 0.10 -20.10	24.30 0.16 -21.14	19.54 0.50 -10.16	18.54 0.32 -12.65	19.66 0.24 -15.14	19.21 0.08 -17.69	18.12 0.44 -8.87	42.45 0.01 -42.27	44.92 -0.29 -50.88	22.52 -0.08 -24.13	20.56 0.64 -6.85	19.14 0.78 -2.29
PLSNTVLE_13_KV_13.8KVDIST 80602	19.38 0.40 -12.53	19.37 -0.20 -22.95	19.01 -0.06 -20.09	19.02 0.02 -18.76	18.64 0.03 -18.15	19.22 -0.03 -19.82	25.28 -0.17 -28.33	27.95 -0.05 -29.07	21.44 0.19 -18.26	22.99 0.70 -11.29	20.76 0.55 -11.48	21.00 0.27 -16.48	21.25 0.12 -19.32	23.50 0.20 -20.31	19.24 0.60 -9.76	18.10 0.38 -12.16	19.11 0.28 -14.55	18.54 0.09 -17.00	17.85 0.52 -8.53	40.81 0.01 -40.62	42.88 -0.35 -48.90	21.56 -0.09 -23.19	20.41 0.76 -6.59	19.19 0.92 -2.20

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.38 0.40 -12.53	19.37 -0.20 -22.95	19.01 -0.06 -20.09	19.02 0.02 -18.76	18.64 0.03 -18.15	19.22 -0.03 -19.82	25.28 -0.17 -28.33	27.95 -0.05 -29.07	21.44 0.19 -18.26	22.99 0.70 -11.29	20.76 0.55 -11.48	21.00 0.27 -16.48	21.25 0.12 -19.32	23.50 0.20 -20.31	19.24 0.60 -9.76	18.10 0.38 -12.16	19.11 0.28 -14.55	18.54 0.09 -17.00	17.85 0.52 -8.53	40.81 0.01 -40.62	42.88 -0.35 -48.90	21.56 -0.09 -23.19	20.41 0.76 -6.59	19.19 0.92 -2.20
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.56 0.39 -12.71	19.72 -0.20 -23.29	19.31 -0.05 -20.39	19.31 0.02 -19.03	18.91 0.03 -18.42	19.51 -0.03 -20.12	25.70 -0.17 -28.75	28.31 -0.06 -29.43	21.61 0.18 -18.43	23.05 0.65 -11.39	20.89 0.52 -11.64	21.21 0.25 -16.72	21.45 0.11 -19.53	23.60 0.18 -20.42	19.34 0.57 -9.89	18.24 0.36 -12.32	19.29 0.27 -14.74	18.76 0.09 -17.22	17.96 0.52 -8.64	41.34 0.01 -41.16	43.53 -0.34 -49.54	21.87 -0.09 -23.50	20.49 0.74 -6.67	19.19 0.90 -2.23
POLETTI____ 23519	19.30 0.40 -12.44	19.21 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.08 -0.17 -28.14	27.78 -0.05 -28.90	21.36 0.20 -18.17	22.98 0.75 -11.23	20.72 0.59 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.66 -9.69	18.04 0.40 -12.08	19.03 0.30 -14.45	18.42 0.10 -16.88	17.81 0.54 -8.47	40.52 0.00 -40.34	42.52 -0.37 -48.56	21.39 -0.10 -23.03	20.42 0.80 -6.54	19.21 0.96 -2.18
PORT_JEFF_3 23555	19.75 0.62 -12.68	41.04 -0.33 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	56.61 -0.05 -57.23	141.93 -0.28 -145.10	123.52 -0.10 -124.69	128.98 0.28 -125.70	61.03 0.98 -49.05	23.45 0.81 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.60 0.67 -97.05	37.10 0.45 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.43 0.65 -59.98	52.04 0.01 -51.85	64.39 -0.44 -70.50	40.78 -0.11 -42.43	26.27 1.04 -12.15	21.16 1.43 -3.67
PORT_JEFF_4 23616	19.75 0.62 -12.68	41.04 -0.33 -44.75	19.22 -0.10 -20.33	19.14 0.02 -18.86	21.14 0.05 -20.63	56.61 -0.05 -57.23	141.93 -0.28 -145.10	123.52 -0.10 -124.69	128.98 0.28 -125.70	61.03 0.98 -49.05	23.45 0.81 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.60 0.67 -97.05	37.10 0.45 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.43 0.65 -59.98	52.04 0.01 -51.85	64.39 -0.44 -70.50	40.78 -0.11 -42.43	26.27 1.04 -12.15	21.16 1.43 -3.67
PORT_JEFF_IC 23713	19.76 0.63 -12.68	41.04 -0.33 -44.75	19.23 -0.10 -20.34	19.15 0.03 -18.87	21.14 0.05 -20.63	62.05 -0.05 -62.67	157.95 -0.28 -161.12	135.47 -0.10 -136.63	144.17 0.29 -140.89	66.53 1.00 -54.53	23.47 0.82 -13.92	38.16 0.40 -33.53	71.04 0.16 -69.07	31.55 0.23 -28.33	106.61 0.69 -97.05	37.11 0.47 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.46 0.68 -59.98	52.04 0.01 -51.85	64.39 -0.45 -70.50	40.78 -0.11 -42.43	26.29 1.06 -12.16	21.18 1.45 -3.67
PPL PILGRIM_ST_GT1 24216	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.17 -0.10 -20.29	19.08 0.02 -18.81	21.14 0.05 -20.63	26.72 -0.05 -27.34	53.92 -0.26 -57.08	57.92 -0.09 -59.07	45.53 0.26 -42.28	30.91 0.96 -18.94	23.45 0.81 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.56 0.24 -28.33	106.62 0.70 -97.05	37.11 0.46 -31.08	33.90 0.34 -29.27	28.95 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.78 -0.11 -42.43	26.25 1.04 -12.14	21.19 1.46 -3.67
PPL PILGRIM_ST_GT2 24217	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.17 -0.10 -20.29	19.08 0.02 -18.81	21.14 0.05 -20.63	26.72 -0.05 -27.34	53.92 -0.26 -57.08	57.92 -0.09 -59.07	45.53 0.26 -42.28	30.91 0.96 -18.94	23.45 0.81 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.56 0.24 -28.33	106.62 0.70 -97.05	37.11 0.46 -31.08	33.90 0.34 -29.27	28.95 0.10 -27.40	69.41 0.62 -59.98	52.04 0.01 -51.85	64.42 -0.42 -70.50	40.78 -0.11 -42.43	26.25 1.04 -12.14	21.19 1.46 -3.67
PPL_SHRM_GT3 24213	19.79 0.66 -12.68	41.02 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.27 -0.05 -57.90	143.88 -0.30 -147.06	124.98 -0.11 -126.15	130.85 0.30 -127.57	61.75 1.02 -49.72	23.48 0.83 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.52 0.20 -28.33	106.50 0.58 -97.05	37.11 0.46 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.47 0.69 -59.98	52.04 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.35 1.13 -12.15	21.25 1.52 -3.67
PPL_SHRM_GT4 24214	19.79 0.66 -12.68	41.02 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.27 -0.05 -57.90	143.88 -0.30 -147.06	124.98 -0.11 -126.15	130.85 0.30 -127.57	61.75 1.02 -49.72	23.48 0.83 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.52 0.20 -28.33	106.50 0.58 -97.05	37.11 0.46 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.47 0.69 -59.98	52.04 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.35 1.13 -12.15	21.25 1.52 -3.67
PROJECT____ORANGE 1 24174	7.71 -0.11 -1.37	-0.84 0.04 -2.50	1.18 0.01 -2.19	2.29 -0.01 -2.04	2.44 -0.01 -1.98	1.59 0.00 -2.16	0.21 0.01 -3.09	2.09 0.00 -3.16	4.93 -0.03 -1.98	12.10 -0.12 -1.22	9.88 -0.10 -1.25	5.98 -0.05 -1.79	3.89 -0.02 -2.10	5.16 -0.03 -2.20	9.84 -0.10 -1.06	6.84 -0.06 -1.32	5.83 -0.03 -1.58	3.29 -0.01 -1.85	9.65 -0.08 -0.93	4.60 0.00 -4.42	-0.31 0.03 -5.32	1.00 0.02 -2.52	13.62 -0.16 -0.72	16.14 -0.17 -0.24
PROJECT____ORANGE 2 24166	7.71 -0.11 -1.37	-0.84 0.04 -2.50	1.18 0.01 -2.19	2.29 -0.01 -2.04	2.44 -0.01 -1.98	1.59 0.00 -2.16	0.21 0.01 -3.09	2.09 0.00 -3.16	4.93 -0.03 -1.98	12.10 -0.12 -1.22	9.88 -0.10 -1.25	5.98 -0.05 -1.79	3.89 -0.02 -2.10	5.16 -0.03 -2.20	9.84 -0.10 -1.06	6.84 -0.06 -1.32	5.83 -0.03 -1.58	3.29 -0.01 -1.85	9.65 -0.08 -0.93	4.60 0.00 -4.42	-0.31 0.03 -5.32	1.00 0.02 -2.52	13.62 -0.16 -0.72	16.14 -0.17 -0.24
PUCKETT____SOLAR 323809	10.81 0.13 -4.23	4.28 -0.09 -7.75	5.74 -0.03 -6.78	6.59 0.01 -6.33	6.60 0.01 -6.13	6.10 -0.02 -6.69	6.57 -0.10 -9.57	8.68 -0.04 -9.78	9.20 0.09 -6.12	15.03 0.24 -3.78	12.75 0.14 -3.88	9.86 0.06 -5.56	8.34 0.03 -6.50	9.84 0.05 -6.80	12.28 0.12 -3.29	9.75 0.08 -4.10	9.28 0.09 -4.90	7.21 0.03 -5.73	11.90 0.23 -2.88	13.89 0.02 -13.70	10.63 -0.19 -16.48	6.23 -0.05 -7.82	15.58 0.29 -2.22	17.15 0.34 -0.74
PYRITES____HYD 24023	6.42 -0.03 0.00	-5.68 0.05 2.35	-17.42 0.01 16.41	-16.80 0.00 17.05	-14.99 -0.01 15.45	-4.52 0.01 3.96	-2.86 0.03 0.00	-1.06 0.00 0.00	2.95 -0.04 0.00	10.84 -0.16 0.00	8.60 -0.13 0.00	4.18 -0.06 0.00	1.78 -0.04 0.00	2.93 -0.06 0.00	8.70 -0.17 0.00	5.44 -0.12 0.00	4.17 -0.11 0.00	1.41 -0.04 0.00	8.63 -0.17 0.00	0.16 -0.02 0.00	-5.58 0.09 0.00	-1.53 0.01 0.00	13.07 0.00 0.00	15.99 -0.07 0.00
QUAKERRD_115KV_BK1 80622	7.87 -0.29 -1.70	-0.15 0.10 -3.12	1.75 0.03 -2.73	2.80 -0.01 -2.55	2.93 -0.01 -2.47	2.14 0.01 -2.70	1.02 0.06 -3.85	2.89 0.01 -3.94	5.33 -0.12 -2.47	12.14 -0.39 -1.53	9.98 -0.31 -1.56	6.33 -0.15 -2.24	4.37 -0.06 -2.62	5.63 -0.11 -2.74	9.85 -0.35 -1.33	7.02 -0.20 -1.65	6.12 -0.15 -1.98	3.71 -0.05 -2.31	9.61 -0.35 -1.16	5.68 -0.01 -5.52	1.14 0.17 -6.64	1.66 0.05 -3.15	13.36 -0.60 -0.89	15.66 -0.70 -0.30

QUENSBRY_115KV_TB8 356137	22.94 0.38 -16.11	25.94 -0.19 -29.51	24.76 -0.05 -25.83	24.38 0.01 -24.11	23.83 0.03 -23.33	24.88 -0.03 -25.49	33.42 -0.17 -36.47	36.21 -0.07 -37.34	26.54 0.16 -23.39	26.00 0.54 -14.45	23.98 0.47 -14.78	25.68 0.22 -21.22	26.63 0.10 -24.72	28.90 0.16 -25.75	21.87 0.45 -12.54	21.50 0.31 -15.62	23.21 0.26 -18.67	23.35 0.09 -21.81	20.32 0.58 -10.94	52.31 0.02 -52.12	56.71 -0.35 -62.73	28.12 -0.10 -29.75	22.30 0.78 -8.45	19.86 0.97 -2.82
RAMAPO____LBMP 323565	18.76 0.37 -11.94	18.30 -0.19 -21.87	18.07 -0.05 -19.15	18.14 0.01 -17.87	17.79 0.03 -17.29	18.29 -0.03 -18.89	23.96 -0.16 -27.00	26.39 -0.05 -27.50	20.29 0.17 -17.12	22.24 0.63 -10.61	20.17 0.51 -10.93	20.19 0.25 -15.70	20.32 0.11 -18.40	22.52 0.19 -19.34	18.74 0.57 -9.30	17.50 0.35 -11.58	18.41 0.27 -13.85	17.73 0.09 -16.19	17.41 0.49 -8.12	38.87 0.00 -38.69	40.57 -0.34 -46.57	20.46 -0.09 -22.09	20.05 0.70 -6.27	19.01 0.85 -2.09
RANKINE____ 23646	8.57 -0.22 -2.33	0.89 0.00 -4.27	2.72 0.00 -3.73	3.74 0.00 -3.48	3.84 -0.01 -3.37	3.11 0.00 -3.68	2.37 -0.01 -5.27	4.30 -0.02 -5.38	6.26 -0.10 -3.37	12.88 -0.20 -2.08	10.72 -0.14 -2.13	7.23 -0.08 -3.06	5.37 -0.02 -3.58	6.68 -0.06 -3.74	10.43 -0.26 -1.81	7.69 -0.14 -2.26	6.89 -0.10 -2.70	4.57 -0.03 -3.16	10.11 -0.27 -1.58	7.71 -0.01 -7.54	3.50 0.09 -9.08	2.80 0.03 -4.31	13.74 -0.55 -1.22	15.85 -0.62 -0.41
RAVENSWOOD_GT2_1 24244	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.99 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT2_2 24245	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.99 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.03 0.30 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT2_3 24246	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.77 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.45 0.84 -6.54	19.25 1.00 -2.18
RAVENSWOOD_GT2_4 24247	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.77 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.45 0.84 -6.54	19.25 1.00 -2.18
RAVENSWOOD_GT3_1 24248	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT3_2 24249	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT3_3 24250	19.32 0.42 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.06 -28.90	21.37 0.21 -18.17	23.01 0.78 -11.23	20.74 0.61 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.25 0.68 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.52 0.01 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.46 0.85 -6.54	19.27 1.02 -2.18
RAVENSWOOD_GT3_4 24251	19.32 0.42 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.06 -28.90	21.37 0.21 -18.17	23.01 0.78 -11.23	20.74 0.61 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.25 0.68 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.52 0.01 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.46 0.85 -6.54	19.27 1.02 -2.18
RAVENSWOOD_GT_1 23729	19.32 0.42 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.38 0.21 -18.17	23.01 0.78 -11.23	20.74 0.61 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.25 0.68 -9.69	18.06 0.42 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.52 0.00 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.50 0.88 -6.54	19.31 1.06 -2.18
RAVENSWOOD_GT_10 24258	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT_11 24259	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT_4 24252	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.82 -6.54	19.24 0.99 -2.18

RAVENSWOOD_GT_5 24254	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.82 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT_6 24253	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.82 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT_7 24255	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.82 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD_GT_9 24257	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.44 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD___1 23533	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.92 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.48 0.86 -6.54	19.28 1.03 -2.18
RAVENSWOOD___2 23534	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.48 0.86 -6.54	19.28 1.03 -2.18
RAVENSWOOD___3 23535	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.21 -20.17	19.23 0.67 -9.69	18.05 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.45 0.83 -6.54	19.24 0.99 -2.18
RAVENSWOOD___4 23820	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.48 0.86 -6.54	19.28 1.03 -2.18
RCPL_TRUST___DRP 24196	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.06 -28.90	21.37 0.21 -18.17	23.02 0.79 -11.23	20.75 0.63 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.27 1.02 -2.18
RED___ROCHESTER 323720	8.08 -0.12 -1.75	-0.17 0.00 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.01 0.00 -2.53	2.19 0.00 -2.77	1.03 -0.03 -3.96	2.95 -0.03 -4.05	5.47 -0.05 -2.53	12.47 -0.10 -1.57	10.26 -0.07 -1.60	6.50 -0.04 -2.30	4.49 -0.01 -2.69	5.78 -0.02 -2.81	10.13 -0.10 -1.36	7.22 -0.04 -1.69	6.29 -0.03 -2.03	3.81 -0.01 -2.37	9.87 -0.12 -1.19	5.83 -0.01 -5.66	1.16 0.00 -6.82	1.70 0.01 -3.24	13.70 -0.29 -0.92	16.06 -0.32 -0.31
REGAN___SOLAR 323812	25.25 0.54 -18.25	29.78 -0.28 -33.44	28.17 -0.09 -29.27	27.60 0.02 -27.33	26.95 0.04 -26.44	28.26 -0.05 -28.88	38.19 -0.26 -41.34	41.14 -0.12 -42.33	29.71 0.20 -26.52	27.99 0.60 -16.38	25.86 0.37 -16.76	28.46 0.16 -24.06	29.93 0.06 -28.06	32.36 0.09 -29.28	23.38 0.28 -14.23	23.45 0.16 -17.72	25.68 0.22 -21.18	26.29 0.11 -24.73	21.97 0.76 -12.41	59.29 0.00 -59.11	64.91 -0.57 -71.15	32.05 -0.15 -33.75	23.85 1.19 -9.59	20.65 1.38 -3.20
RENSSELAER___COGEN 23796	22.15 0.25 -15.44	24.77 -0.14 -28.29	23.71 -0.04 -24.76	23.38 0.01 -23.12	22.86 0.02 -22.36	23.83 -0.02 -24.43	31.91 -0.11 -34.91	34.62 -0.04 -35.72	25.47 0.11 -22.37	25.21 0.38 -13.82	23.17 0.31 -14.13	24.68 0.15 -20.28	25.51 0.07 -23.63	27.72 0.11 -24.62	21.17 0.31 -11.99	20.69 0.19 -14.94	22.31 0.15 -17.87	22.39 0.05 -20.89	19.59 0.31 -10.48	50.10 0.00 -49.92	54.21 -0.21 -60.09	26.90 -0.06 -28.50	21.63 0.46 -8.10	19.35 0.58 -2.70
REPUBLIC_115KV_BARTNBRK 55605	23.29 0.74 -16.09	25.73 -0.37 -29.48	24.69 -0.09 -25.81	24.37 0.03 -24.09	23.83 0.05 -23.31	24.83 -0.06 -25.47	33.23 -0.33 -36.45	36.11 -0.14 -37.31	26.67 0.31 -23.37	26.53 1.09 -14.44	24.51 1.01 -14.77	25.92 0.48 -21.20	26.72 0.20 -24.70	29.06 0.34 -25.72	22.38 0.97 -12.53	21.84 0.67 -15.61	23.51 0.57 -18.66	23.43 0.19 -21.79	20.94 1.21 -10.93	52.29 0.05 -52.07	56.31 -0.70 -62.68	27.99 -0.19 -29.73	23.14 1.62 -8.44	20.95 2.07 -2.82
REVERE_CPPR_DRP 24186	7.34 0.12 -0.76	-2.14 -0.06 -1.30	-0.49 -0.02 -0.54	0.70 0.00 -0.44	0.94 0.01 -0.46	0.45 -0.01 -1.03	-1.25 -0.08 -1.72	0.66 -0.04 -1.76	4.15 0.05 -1.10	11.86 0.18 -0.68	9.54 0.11 -0.70	5.29 0.05 -1.00	3.00 0.02 -1.17	4.25 0.03 -1.22	9.57 0.11 -0.59	6.40 0.10 -0.74	5.25 0.08 -0.88	2.51 0.04 -1.03	9.55 0.24 -0.52	2.64 0.00 -2.46	-2.88 -0.18 -2.97	-0.17 -0.04 -1.41	13.76 0.29 -0.40	16.48 0.28 -0.13

REYNOLDS_115KV_TB3 80639	22.17 0.25 -15.46	24.82 -0.13 -28.33	23.74 -0.04 -24.80	23.42 0.01 -23.15	22.89 0.02 -22.40	23.87 -0.02 -24.47	31.98 -0.10 -34.97	34.67 -0.04 -35.77	25.47 0.10 -22.38	25.19 0.36 -13.82	23.16 0.29 -14.14	24.68 0.14 -20.29	25.51 0.06 -23.63	27.69 0.10 -24.60	21.16 0.29 -12.00	20.68 0.18 -14.94	22.29 0.13 -17.88	22.38 0.04 -20.89	19.56 0.28 -10.48	50.11 0.01 -49.92	54.23 -0.19 -60.09	26.91 -0.05 -28.50	21.60 0.43 -8.10	19.32 0.55 -2.70
RIVERBAY____ 323610	19.30 0.40 -12.44	19.21 -0.20 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.04 -19.69	25.06 -0.19 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.98 0.75 -11.23	20.70 0.57 -11.40	20.90 0.29 -16.37	21.13 0.13 -19.19	23.37 0.21 -20.17	19.21 0.65 -9.69	18.04 0.40 -12.08	19.02 0.30 -14.45	18.42 0.09 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.50 -0.39 -48.56	21.39 -0.10 -23.03	20.47 0.85 -6.54	19.27 1.02 -2.18
RIVERSDE_115KV_TB3 55908	22.19 0.26 -15.48	24.84 -0.14 -28.36	23.77 -0.04 -24.82	23.44 0.01 -23.17	22.91 0.02 -22.42	23.89 -0.02 -24.49	32.00 -0.11 -35.00	34.69 -0.04 -35.79	25.49 0.11 -22.39	25.22 0.39 -13.83	23.19 0.31 -14.14	24.70 0.16 -20.30	25.53 0.07 -23.65	27.72 0.11 -24.62	21.18 0.31 -12.00	20.71 0.19 -14.95	22.32 0.15 -17.88	22.40 0.05 -20.90	19.59 0.31 -10.49	50.13 0.01 -49.95	54.25 -0.21 -60.12	26.92 -0.05 -28.51	21.63 0.46 -8.10	19.35 0.58 -2.70
ROARING____BROOK_WT_PWR 323790	6.07 -0.38 0.00	-8.55 0.22 5.40	-38.72 0.06 37.77	-39.00 -0.02 39.23	-35.11 -0.03 35.55	-10.22 0.04 9.69	-2.70 0.19 0.00	-0.99 0.07 0.00	2.82 -0.17 0.00	10.43 -0.58 0.00	8.32 -0.41 0.00	4.05 -0.19 0.00	1.73 -0.09 0.00	2.85 -0.14 0.00	8.42 -0.45 0.00	5.29 -0.28 0.00	4.05 -0.23 0.00	1.37 -0.08 0.00	8.44 -0.36 0.00	0.17 -0.01 0.00	-5.41 0.25 0.00	-1.45 0.09 0.00	12.32 -0.75 0.00	10.90 -1.01 4.16
ROCHESRG_115KV_T4 355643	8.01 -0.18 -1.74	-0.16 0.03 -3.19	1.78 0.01 -2.79	2.86 -0.01 -2.61	2.99 -0.01 -2.52	2.18 0.00 -2.76	1.05 0.00 -3.94	2.95 -0.02 -4.03	5.43 -0.08 -2.52	12.36 -0.21 -1.56	10.16 -0.16 -1.59	6.45 -0.08 -2.29	4.46 -0.03 -2.68	5.73 -0.06 -2.80	10.03 -0.20 -1.35	7.14 -0.11 -1.69	6.23 -0.08 -2.02	3.78 -0.02 -2.36	9.77 -0.21 -1.18	5.80 -0.01 -5.64	1.19 0.07 -6.79	1.70 0.02 -3.22	13.57 -0.42 -0.91	15.91 -0.46 -0.30
ROCHESTER_9_IC 23652	8.05 -0.15 -1.75	-0.16 0.02 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.00 0.00 -2.53	2.19 0.00 -2.77	1.05 -0.02 -3.96	2.96 -0.03 -4.05	5.46 -0.06 -2.53	12.42 -0.15 -1.57	10.22 -0.11 -1.60	6.48 -0.06 -2.30	4.48 -0.02 -2.69	5.77 -0.04 -2.81	10.09 -0.15 -1.36	7.19 -0.07 -1.69	6.27 -0.05 -2.03	3.80 -0.01 -2.37	9.82 -0.17 -1.19	5.83 -0.01 -5.66	1.19 0.03 -6.82	1.71 0.02 -3.24	13.64 -0.35 -0.92	15.99 -0.39 -0.31
ROCKVIEW_13_KV_LD 356306	19.32 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	22.99 0.75 -11.23	20.72 0.59 -11.40	20.90 0.29 -16.37	21.13 0.12 -19.19	23.38 0.21 -20.17	19.22 0.65 -9.69	18.05 0.40 -12.08	19.03 0.30 -14.45	18.43 0.10 -16.88	17.83 0.56 -8.47	40.52 0.01 -40.34	42.51 -0.38 -48.56	21.39 -0.10 -23.03	20.43 0.81 -6.54	19.24 0.98 -2.18
ROME____115KV_TB2 80656	7.34 0.12 -0.76	-2.14 -0.06 -1.30	-0.49 -0.02 -0.54	0.70 0.00 -0.44	0.94 0.01 -0.46	0.45 -0.01 -1.03	-1.25 -0.08 -1.72	0.66 -0.04 -1.76	4.15 0.05 -1.10	11.86 0.18 -0.68	9.54 0.11 -0.70	5.29 0.05 -1.00	3.00 0.02 -1.17	4.25 0.03 -1.22	9.57 0.11 -0.59	6.40 0.10 -0.74	5.25 0.08 -0.88	2.51 0.04 -1.03	9.55 0.24 -0.52	2.64 0.00 -2.46	-2.88 -0.18 -2.97	-0.17 -0.04 -1.41	13.76 0.29 -0.40	16.48 0.28 -0.13
ROSETON____1 23587	19.11 0.35 -12.31	18.99 -0.18 -22.55	18.67 -0.05 -19.74	18.70 0.01 -18.43	18.32 0.03 -17.83	18.88 -0.03 -19.48	24.80 -0.15 -27.84	27.37 -0.05 -28.48	20.99 0.17 -17.83	22.63 0.60 -11.03	20.48 0.47 -11.28	20.67 0.23 -16.20	20.89 0.10 -18.98	23.11 0.17 -19.95	18.99 0.52 -9.59	17.84 0.33 -11.95	18.82 0.25 -14.29	18.23 0.08 -16.70	17.63 0.45 -8.38	40.09 0.01 -39.91	42.07 -0.30 -48.04	21.16 -0.08 -22.78	20.20 0.65 -6.47	19.02 0.79 -2.16
ROSETON____2 23588	19.11 0.35 -12.31	18.99 -0.18 -22.55	18.67 -0.05 -19.74	18.70 0.01 -18.43	18.32 0.03 -17.83	18.88 -0.03 -19.48	24.80 -0.15 -27.84	27.37 -0.05 -28.48	20.99 0.17 -17.83	22.63 0.60 -11.03	20.48 0.47 -11.28	20.67 0.23 -16.20	20.89 0.10 -18.98	23.11 0.17 -19.95	18.99 0.52 -9.59	17.84 0.33 -11.95	18.82 0.25 -14.29	18.23 0.08 -16.70	17.63 0.45 -8.38	40.09 0.01 -39.91	42.07 -0.30 -48.04	21.16 -0.08 -22.78	20.20 0.65 -6.47	19.02 0.79 -2.16
ROTTSDAM_115KV_TB3 80664	23.02 0.25 -16.32	26.39 -0.13 -29.89	25.11 -0.04 -26.17	24.69 0.01 -24.43	24.12 0.02 -23.63	25.23 -0.02 -25.82	33.97 -0.11 -36.98	36.76 -0.04 -37.87	26.83 0.11 -23.73	26.05 0.38 -14.66	24.03 0.30 -14.99	25.91 0.15 -21.52	26.97 0.06 -25.09	29.25 0.10 -26.16	21.90 0.30 -12.73	21.61 0.19 -15.85	23.37 0.15 -18.94	23.61 0.05 -22.12	20.22 0.33 -11.09	53.03 0.01 -52.84	57.72 -0.22 -63.61	28.57 -0.06 -30.17	22.12 0.48 -8.57	19.52 0.59 -2.86
RUSSELL____1 23602	8.08 -0.13 -1.75	-0.17 0.00 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.01 0.00 -2.53	2.19 0.00 -2.77	1.04 -0.03 -3.96	2.95 -0.03 -4.05	5.47 -0.05 -2.53	12.47 -0.10 -1.57	10.25 -0.08 -1.60	6.50 -0.04 -2.30	4.49 -0.01 -2.69	5.78 -0.02 -2.81	10.13 -0.10 -1.36	7.22 -0.05 -1.69	6.29 -0.03 -2.03	3.81 -0.01 -2.37	9.87 -0.12 -1.19	5.83 -0.01 -5.66	1.16 0.01 -6.82	1.70 0.01 -3.24	13.70 -0.29 -0.92	16.05 -0.32 -0.31
RUSSELL____2 23532	8.08 -0.13 -1.75	-0.17 0.00 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.01 0.00 -2.53	2.19 0.00 -2.77	1.04 -0.03 -3.96	2.95 -0.03 -4.05	5.47 -0.05 -2.53	12.47 -0.10 -1.57	10.25 -0.08 -1.60	6.50 -0.04 -2.30	4.49 -0.01 -2.69	5.78 -0.02 -2.81	10.13 -0.10 -1.36	7.22 -0.05 -1.69	6.29 -0.03 -2.03	3.81 -0.01 -2.37	9.87 -0.12 -1.19	5.83 -0.01 -5.66	1.16 0.01 -6.82	1.70 0.01 -3.24	13.70 -0.29 -0.92	16.05 -0.32 -0.31
RUSSELL____3 23549	8.08 -0.13 -1.75	-0.17 0.00 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.01 0.00 -2.53	2.19 0.00 -2.77	1.04 -0.03 -3.96	2.95 -0.03 -4.05	5.47 -0.05 -2.53	12.47 -0.10 -1.57	10.25 -0.08 -1.60	6.50 -0.04 -2.30	4.49 -0.01 -2.69	5.78 -0.02 -2.81	10.13 -0.10 -1.36	7.22 -0.05 -1.69	6.29 -0.03 -2.03	3.81 -0.01 -2.37	9.87 -0.12 -1.19	5.83 -0.01 -5.66	1.16 0.01 -6.82	1.70 0.01 -3.24	13.70 -0.29 -0.92	16.05 -0.32 -0.31
RUSSELL____4 23556	8.08 -0.13 -1.75	-0.17 0.00 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.01 0.00 -2.53	2.19 0.00 -2.77	1.04 -0.03 -3.96	2.95 -0.03 -4.05	5.47 -0.05 -2.53	12.47 -0.10 -1.57	10.25 -0.08 -1.60	6.50 -0.04 -2.30	4.49 -0.01 -2.69	5.78 -0.02 -2.81	10.13 -0.10 -1.36	7.22 -0.05 -1.69	6.29 -0.03 -2.03	3.81 -0.01 -2.37	9.87 -0.12 -1.19	5.83 -0.01 -5.66	1.16 0.01 -6.82	1.70 0.01 -3.24	13.70 -0.29 -0.92	16.05 -0.32 -0.31

RUSSELL___STATION 23914	8.08 -0.13 -1.75	-0.17 0.00 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.01 0.00 -2.53	2.19 0.00 -2.77	1.04 -0.03 -3.96	2.95 -0.03 -4.05	5.47 -0.05 -2.53	12.47 -0.10 -1.57	10.25 -0.08 -1.60	6.50 -0.04 -2.30	4.49 -0.01 -2.69	5.78 -0.02 -2.81	10.13 -0.10 -1.36	7.22 -0.05 -1.69	6.29 -0.03 -2.03	3.81 -0.01 -2.37	9.87 -0.12 -1.19	5.83 -0.01 -5.66	1.16 0.01 -6.82	1.70 0.01 -3.24	13.70 -0.29 -0.92	16.05 -0.32 -0.31
S SALMON___HYD 24043	7.40 -0.18 -1.13	-1.43 0.09 -1.86	-0.68 0.03 -0.31	0.37 -0.01 -0.13	0.68 -0.01 -0.22	0.84 0.01 -1.40	-0.28 0.05 -2.56	1.57 0.01 -2.62	4.55 -0.08 -1.64	11.69 -0.33 -1.01	9.48 -0.28 -1.04	5.58 -0.15 -1.49	3.49 -0.06 -1.74	4.71 -0.10 -1.82	9.49 -0.26 -0.88	6.49 -0.17 -1.10	5.47 -0.13 -1.31	2.94 -0.04 -1.53	9.36 -0.21 -0.77	3.83 -0.01 -3.66	-1.16 0.10 -4.41	0.59 0.03 -2.09	13.39 -0.28 -0.59	15.90 -0.37 -0.20
S.PERRY___115KV_TB1 80734	8.66 -0.01 -2.21	0.64 -0.03 -4.05	2.52 -0.01 -3.55	3.57 0.00 -3.31	3.68 0.01 -3.21	2.92 -0.01 -3.50	2.03 -0.09 -5.00	4.02 -0.04 -5.12	6.18 -0.01 -3.20	12.94 -0.04 -1.98	10.74 -0.02 -2.03	7.14 -0.01 -2.91	5.22 0.00 -3.40	6.55 0.00 -3.56	10.56 -0.04 -1.72	7.79 0.08 -2.15	6.93 0.08 -2.57	4.48 0.03 -3.00	10.39 0.09 -1.51	7.33 -0.01 -7.17	2.78 -0.17 -8.63	2.52 -0.03 -4.09	14.20 -0.03 -1.16	16.39 -0.07 -0.39
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	8.42 -0.27 -2.24	0.74 0.02 -4.10	2.57 0.01 -3.59	3.60 -0.01 -3.35	3.70 -0.01 -3.24	2.96 0.00 -3.54	2.18 0.01 -5.06	4.09 -0.01 -5.17	6.10 -0.13 -3.24	12.69 -0.31 -2.00	10.54 -0.24 -2.05	7.06 -0.12 -2.94	5.21 -0.04 -3.43	6.50 -0.09 -3.59	10.25 -0.36 -1.74	7.53 -0.20 -2.17	6.73 -0.15 -2.59	4.43 -0.05 -3.03	9.95 -0.37 -1.52	7.40 -0.01 -7.24	3.19 0.15 -8.71	2.64 0.05 -4.13	13.56 -0.68 -1.17	15.70 -0.76 -0.39
SAWYER___23_KV_LOAD 55526	8.42 -0.27 -2.24	0.74 0.02 -4.10	2.57 0.01 -3.59	3.60 -0.01 -3.35	3.70 -0.01 -3.24	2.96 0.00 -3.54	2.18 0.01 -5.06	4.09 -0.01 -5.17	6.10 -0.13 -3.24	12.69 -0.31 -2.00	10.54 -0.24 -2.05	7.06 -0.12 -2.94	5.21 -0.04 -3.43	6.50 -0.09 -3.59	10.25 -0.36 -1.74	7.53 -0.20 -2.17	6.73 -0.15 -2.59	4.43 -0.05 -3.03	9.95 -0.37 -1.52	7.40 -0.01 -7.24	3.19 0.15 -8.71	2.64 0.05 -4.13	13.56 -0.68 -1.17	15.70 -0.76 -0.39
SELKIRK___I 23801	21.91 0.26 -15.19	24.31 -0.14 -27.83	23.31 -0.04 -24.37	23.01 0.01 -22.75	22.49 0.02 -22.00	23.44 -0.02 -24.04	31.32 -0.12 -34.32	34.03 -0.04 -35.13	25.11 0.11 -22.00	24.99 0.39 -13.59	22.94 0.31 -13.90	24.35 0.15 -19.96	25.15 0.06 -23.27	27.37 0.11 -24.28	20.98 0.30 -11.80	20.46 0.19 -14.70	22.03 0.15 -17.59	22.07 0.05 -20.57	19.44 0.33 -10.32	49.34 0.01 -49.15	53.28 -0.22 -59.17	26.46 -0.06 -28.06	21.53 0.48 -7.97	19.34 0.61 -2.66
SELKIRK___II 23799	22.08 0.24 -15.39	24.69 -0.12 -28.19	23.62 -0.04 -24.68	23.30 0.01 -23.04	22.78 0.02 -22.29	23.75 -0.02 -24.34	31.78 -0.10 -34.77	34.49 -0.04 -35.58	25.38 0.10 -22.28	25.13 0.36 -13.77	23.09 0.28 -14.08	24.59 0.14 -20.21	25.44 0.06 -23.56	27.66 0.10 -24.57	21.11 0.29 -11.95	20.63 0.18 -14.88	22.24 0.14 -17.82	22.32 0.05 -20.83	19.54 0.29 -10.45	49.96 0.01 -49.78	54.05 -0.20 -59.92	26.83 -0.05 -28.42	21.57 0.43 -8.07	19.30 0.54 -2.69
SENECA OSWGO___HYD 24041	7.56 -0.17 -1.28	-0.97 0.07 -2.34	1.05 0.02 -2.05	2.16 0.00 -1.91	2.31 -0.01 -1.85	1.45 0.01 -2.02	0.03 0.04 -2.88	1.89 0.01 -2.95	4.78 -0.06 -1.85	11.93 -0.22 -1.14	9.72 -0.18 -1.17	5.83 -0.09 -1.68	3.74 -0.03 -1.96	4.98 -0.06 -2.05	9.68 -0.18 -0.99	6.69 -0.11 -1.24	5.69 -0.07 -1.48	3.15 -0.02 -1.73	9.51 -0.16 -0.87	4.30 0.00 -4.13	-0.62 0.08 -4.97	0.84 0.03 -2.36	13.48 -0.26 -0.67	16.02 -0.27 -0.22
SENECA___115KV_TB3 355854	8.58 -0.20 -2.33	0.88 0.00 -4.27	2.72 0.00 -3.73	3.74 0.00 -3.48	3.84 0.00 -3.37	3.11 0.00 -3.68	2.36 -0.01 -5.27	4.30 -0.03 -5.38	6.26 -0.10 -3.37	12.91 -0.18 -2.08	10.74 -0.13 -2.13	7.24 -0.07 -3.06	5.38 -0.01 -3.58	6.69 -0.05 -3.74	10.45 -0.24 -1.81	7.70 -0.13 -2.26	6.90 -0.09 -2.70	4.58 -0.03 -3.16	10.12 -0.26 -1.58	7.71 -0.01 -7.54	3.49 0.08 -9.08	2.79 0.03 -4.31	13.76 -0.53 -1.22	15.88 -0.60 -0.41
SENECA___ENERGY 23797	8.19 -0.10 -1.84	0.02 0.03 -3.37	1.94 0.01 -2.95	3.01 0.00 -2.76	3.13 -0.01 -2.67	2.34 0.00 -2.91	1.26 -0.01 -4.16	3.18 -0.01 -4.26	5.65 -0.01 -2.67	12.58 -0.07 -1.65	10.34 -0.08 -1.69	6.61 -0.05 -2.42	4.63 -0.01 -2.83	5.93 -0.03 -2.96	10.21 -0.10 -1.43	7.30 -0.05 -1.79	6.40 -0.02 -2.14	3.94 0.00 -2.50	10.01 -0.05 -1.25	6.14 0.01 -5.97	1.50 -0.01 -7.18	1.87 0.00 -3.41	13.89 -0.14 -0.97	16.19 -0.20 -0.32
SHOEMAKER___GT 23640	18.09 0.31 -11.33	17.20 -0.16 -20.75	17.10 -0.05 -18.16	17.22 0.01 -16.95	16.89 0.02 -16.40	17.32 -0.03 -17.92	22.59 -0.13 -25.61	25.02 -0.05 -26.12	19.43 0.15 -16.29	21.62 0.53 -10.09	19.52 0.42 -10.37	19.34 0.20 -14.89	19.36 0.09 -17.45	21.49 0.15 -18.34	18.16 0.47 -8.82	16.83 0.28 -10.98	17.64 0.21 -13.14	16.88 0.07 -15.36	16.91 0.41 -7.70	36.88 0.01 -36.70	38.24 -0.27 -44.18	19.34 -0.07 -20.95	19.60 0.58 -5.95	18.76 0.70 -1.99
SHOEMAKR_138KV_BK 111 55601	18.02 0.31 -11.25	17.07 -0.16 -20.61	16.98 -0.05 -18.04	17.11 0.01 -16.84	16.79 0.02 -16.29	17.20 -0.02 -17.80	22.42 -0.13 -25.44	24.84 -0.05 -25.95	19.32 0.15 -16.19	21.56 0.53 -10.03	19.45 0.42 -10.30	19.24 0.20 -14.80	19.24 0.09 -17.34	21.36 0.15 -18.22	18.11 0.47 -8.76	16.77 0.29 -10.91	17.56 0.22 -13.05	16.78 0.07 -15.26	16.86 0.41 -7.65	36.64 0.01 -36.46	37.95 -0.27 -43.88	19.20 -0.07 -20.81	19.56 0.58 -5.91	18.74 0.70 -1.97
SHOREHAM_IC_1 23715	19.79 0.66 -12.68	41.02 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.27 -0.05 -57.90	143.88 -0.30 -147.06	124.98 -0.11 -126.15	130.85 0.30 -127.57	61.75 1.02 -49.72	23.48 0.83 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.52 0.20 -28.33	106.50 0.58 -97.05	37.11 0.46 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.47 0.69 -59.98	52.04 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.35 1.13 -12.15	21.25 1.52 -3.67
SHOREHAM_IC_2 23716	19.79 0.66 -12.68	41.02 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	57.27 -0.05 -57.90	143.88 -0.30 -147.06	124.98 -0.11 -126.15	130.85 0.30 -127.57	61.75 1.02 -49.72	23.48 0.83 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.52 0.20 -28.33	106.50 0.58 -97.05	37.11 0.46 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.47 0.69 -59.98	52.04 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.35 1.13 -12.15	21.25 1.52 -3.67
SISSONVILLE___ 23735	6.33 -0.12 0.00	-5.56 0.10 2.28	-16.95 0.03 15.96	-16.34 -0.01 16.58	-14.57 -0.01 15.02	-4.37 0.02 3.81	-2.81 0.07 0.00	-1.04 0.02 0.00	2.91 -0.08 0.00	10.71 -0.29 0.00	8.49 -0.24 0.00	4.13 -0.12 0.00	1.76 -0.06 0.00	2.89 -0.10 0.00	8.56 -0.32 0.00	5.34 -0.23 0.00	4.08 -0.21 0.00	1.38 -0.07 0.00	8.43 -0.37 0.00	0.15 -0.02 0.00	-5.45 0.21 0.00	-1.51 0.03 0.00	12.89 -0.18 0.00	15.78 -0.29 0.00

SITHE_IND_GS1 24169	7.32 -0.23 -1.09	-1.27 0.11 -2.01	0.77 0.03 -1.76	1.88 -0.01 -1.64	2.04 -0.01 -1.59	1.17 0.02 -1.73	-0.34 0.07 -2.47	1.49 0.02 -2.53	4.48 -0.10 -1.58	11.63 -0.36 -0.98	9.45 -0.28 -1.00	5.54 -0.14 -1.44	3.44 -0.06 -1.68	4.66 -0.09 -1.76	9.43 -0.29 -0.85	6.45 -0.18 -1.06	5.42 -0.13 -1.27	2.89 -0.04 -1.48	9.27 -0.28 -0.74	3.72 0.00 -3.54	-1.24 0.16 -4.27	0.53 0.05 -2.02	13.23 -0.41 -0.57	15.81 -0.45 -0.19
SITHE_IND_GS2 24170	7.32 -0.23 -1.09	-1.27 0.11 -2.01	0.77 0.03 -1.76	1.88 -0.01 -1.64	2.04 -0.01 -1.59	1.17 0.02 -1.73	-0.34 0.07 -2.47	1.49 0.02 -2.53	4.48 -0.10 -1.58	11.63 -0.36 -0.98	9.45 -0.28 -1.00	5.54 -0.14 -1.44	3.44 -0.06 -1.68	4.66 -0.09 -1.76	9.43 -0.29 -0.85	6.45 -0.18 -1.06	5.42 -0.13 -1.27	2.89 -0.04 -1.48	9.27 -0.28 -0.74	3.72 0.00 -3.54	-1.24 0.16 -4.27	0.53 0.05 -2.02	13.23 -0.41 -0.57	15.81 -0.45 -0.19
SITHE_IND_GS3 24171	7.32 -0.23 -1.09	-1.27 0.11 -2.01	0.77 0.03 -1.76	1.88 -0.01 -1.64	2.04 -0.01 -1.59	1.17 0.02 -1.73	-0.34 0.07 -2.47	1.49 0.02 -2.53	4.48 -0.10 -1.58	11.63 -0.36 -0.98	9.45 -0.28 -1.00	5.54 -0.14 -1.44	3.44 -0.06 -1.68	4.66 -0.09 -1.76	9.43 -0.29 -0.85	6.45 -0.18 -1.06	5.42 -0.13 -1.27	2.89 -0.04 -1.48	9.27 -0.28 -0.74	3.72 0.00 -3.54	-1.24 0.16 -4.27	0.53 0.05 -2.02	13.23 -0.41 -0.57	15.81 -0.45 -0.19
SITHE_IND_GS4 24172	7.32 -0.23 -1.09	-1.27 0.11 -2.01	0.77 0.03 -1.76	1.88 -0.01 -1.64	2.04 -0.01 -1.59	1.17 0.02 -1.73	-0.34 0.07 -2.47	1.49 0.02 -2.53	4.48 -0.10 -1.58	11.63 -0.36 -0.98	9.45 -0.28 -1.00	5.54 -0.14 -1.44	3.44 -0.06 -1.68	4.66 -0.09 -1.76	9.43 -0.29 -0.85	6.45 -0.18 -1.06	5.42 -0.13 -1.27	2.89 -0.04 -1.48	9.27 -0.28 -0.74	3.72 0.00 -3.54	-1.24 0.16 -4.27	0.53 0.05 -2.02	13.23 -0.41 -0.57	15.81 -0.45 -0.19
SITHE___BATAVIA 24024	8.20 -0.01 -1.75	-0.23 -0.06 -3.22	1.78 -0.02 -2.82	2.89 0.00 -2.63	3.02 0.01 -2.54	2.18 -0.02 -2.78	0.97 -0.11 -3.97	2.94 -0.06 -4.06	5.55 0.02 -2.54	12.69 0.11 -1.57	10.38 0.04 -1.61	6.58 0.03 -2.31	4.52 0.01 -2.70	5.83 0.01 -2.82	10.33 0.09 -1.37	7.35 0.08 -1.70	6.39 0.06 -2.04	3.85 0.02 -2.38	10.06 0.06 -1.19	5.85 -0.01 -5.69	1.07 -0.11 -6.85	1.68 -0.02 -3.25	13.96 -0.04 -0.92	16.32 -0.06 -0.31
SITHE___INDEPEND 23800	7.31 -0.23 -1.09	-1.27 0.11 -2.01	0.77 0.03 -1.76	1.88 -0.01 -1.64	2.04 -0.01 -1.59	1.17 0.02 -1.73	-0.34 0.07 -2.47	1.49 0.02 -2.53	4.48 -0.10 -1.58	11.63 -0.35 -0.98	9.45 -0.28 -1.00	5.54 -0.14 -1.44	3.44 -0.06 -1.68	4.66 -0.09 -1.76	9.43 -0.29 -0.85	6.45 -0.18 -1.06	5.42 -0.13 -1.27	2.89 -0.04 -1.48	9.27 -0.28 -0.74	3.72 0.00 -3.54	-1.24 0.16 -4.27	0.53 0.05 -2.02	13.23 -0.41 -0.57	15.81 -0.45 -0.19
SITHE___MASSENA 23902	6.36 -0.09 0.00	-6.07 0.07 2.77	-20.35 0.02 19.35	-19.85 0.00 20.10	-17.75 -0.01 18.21	-5.46 0.01 4.89	-2.83 0.06 0.00	-1.04 0.02 0.00	2.93 -0.06 0.00	10.80 -0.20 0.00	8.56 -0.16 0.00	4.16 -0.07 0.00	1.77 -0.04 0.00	2.93 -0.06 0.00	8.72 -0.15 0.00	5.47 -0.10 0.00	4.20 -0.09 0.00	1.41 -0.03 0.00	8.64 -0.16 0.00	0.17 -0.01 0.00	-5.56 0.11 0.00	-1.52 0.02 0.00	12.93 -0.14 0.00	15.86 -0.21 0.00
SITHE___OGDNSBRG 24021	6.42 -0.04 0.00	-5.80 0.04 2.47	-18.28 0.01 17.28	-17.70 0.00 17.95	-15.80 -0.01 16.26	-4.80 0.01 4.23	-2.86 0.03 0.00	-1.06 0.01 0.00	2.95 -0.04 0.00	10.84 -0.16 0.00	8.60 -0.13 0.00	4.18 -0.06 0.00	1.78 -0.03 0.00	2.94 -0.05 0.00	8.73 -0.14 0.00	5.47 -0.10 0.00	4.20 -0.09 0.00	1.42 -0.03 0.00	8.67 -0.14 0.00	0.16 -0.01 0.00	-5.60 0.07 0.00	-1.53 0.01 0.00	13.06 -0.01 0.00	15.99 -0.08 0.00
SITHE___STERLING 23777	7.42 0.08 -0.88	-1.81 -0.05 -1.61	0.38 -0.01 -1.41	1.57 0.00 -1.32	1.75 0.01 -1.28	0.81 -0.01 -1.39	-0.96 -0.07 -1.99	0.95 -0.03 -2.04	4.31 0.04 -1.28	11.92 0.13 -0.79	9.62 0.08 -0.81	5.44 0.04 -1.16	3.18 0.02 -1.35	4.44 0.03 -1.42	9.64 0.08 -0.68	6.50 0.08 -0.85	5.37 0.06 -1.02	2.67 0.03 -1.19	9.59 0.19 -0.60	3.03 0.00 -2.85	-2.37 -0.14 -3.43	0.06 -0.03 -1.63	13.75 0.22 -0.46	16.44 0.22 -0.15
SLEIGHT__34_KV_TB1 80719	8.19 -0.01 -1.74	-0.20 -0.02 -3.20	1.77 0.00 -2.80	2.87 0.00 -2.61	3.00 0.00 -2.53	2.18 -0.01 -2.76	1.00 -0.06 -3.95	2.94 -0.03 -4.04	5.55 0.04 -2.53	12.67 0.10 -1.56	10.42 0.09 -1.60	6.57 0.03 -2.30	4.51 0.02 -2.68	5.83 0.03 -2.81	10.29 0.06 -1.36	7.31 0.05 -1.69	6.36 0.05 -2.03	3.83 0.02 -2.36	10.08 0.09 -1.19	5.84 0.01 -5.65	1.03 -0.10 -6.81	1.66 -0.02 -3.23	14.05 0.06 -0.92	16.44 0.06 -0.31
SOUTH CAIRO___GT 23612	21.41 0.41 -14.54	23.04 -0.21 -26.64	22.24 -0.06 -23.32	22.04 0.02 -21.77	21.56 0.03 -21.06	22.39 -0.04 -23.00	29.77 -0.20 -32.86	32.50 -0.07 -33.63	24.23 0.18 -21.05	24.57 0.56 -13.01	22.43 0.39 -13.31	23.54 0.19 -19.10	24.19 0.08 -22.29	26.41 0.14 -23.27	20.55 0.38 -11.30	19.89 0.25 -14.07	21.33 0.20 -16.84	21.21 0.08 -19.68	19.21 0.53 -9.88	47.23 0.01 -47.05	50.56 -0.41 -56.63	25.21 -0.11 -26.86	21.58 0.88 -7.63	19.67 1.06 -2.55
SOUTH HAMPTN___IC 23720	19.90 0.76 -12.68	40.97 -0.40 -44.75	19.19 -0.12 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.77 -0.07 -56.41	139.45 -0.35 -142.69	121.70 -0.13 -122.89	126.77 0.35 -123.43	60.46 1.23 -48.23	23.64 0.99 -13.91	38.24 0.47 -33.53	71.07 0.19 -69.07	31.58 0.26 -28.33	106.73 0.81 -97.05	37.21 0.56 -31.08	33.99 0.43 -29.27	28.98 0.14 -27.40	69.64 0.86 -59.98	52.04 0.02 -51.85	64.25 -0.59 -70.50	40.74 -0.15 -42.43	26.58 1.35 -12.15	21.53 1.80 -3.67
SOUTHDOW__115KV_TB1 355954	8.82 -0.11 -2.47	1.11 -0.04 -4.53	2.94 -0.01 -3.97	3.96 0.00 -3.70	4.06 0.00 -3.58	3.33 -0.01 -3.92	2.64 -0.07 -5.60	4.61 -0.05 -5.72	6.56 -0.01 -3.58	13.36 0.14 -2.21	11.15 0.15 -2.27	7.56 0.07 -3.25	5.66 0.04 -3.80	7.02 0.05 -3.98	10.82 0.02 -1.93	7.98 0.01 -2.40	7.17 0.01 -2.87	4.81 0.01 -3.35	10.44 -0.05 -1.68	8.17 -0.01 -8.01	3.92 -0.05 -9.64	3.03 0.00 -4.57	14.09 -0.27 -1.30	16.18 -0.32 -0.43
SOUTHOLD_69_KV_BK 2 55809	19.98 0.84 -12.68	40.92 -0.45 -44.75	19.18 -0.13 -20.33	19.15 0.04 -18.86	21.16 0.06 -20.63	55.77 -0.08 -56.42	139.44 -0.40 -142.72	121.71 -0.14 -122.92	126.84 0.40 -123.46	60.62 1.38 -48.24	23.75 1.11 -13.91	38.29 0.52 -33.53	71.06 0.18 -69.07	31.55 0.23 -28.33	106.81 0.89 -97.05	37.26 0.61 -31.08	34.04 0.48 -29.27	29.00 0.16 -27.40	69.73 0.95 -59.98	52.04 0.01 -51.85	64.16 -0.67 -70.50	40.72 -0.17 -42.43	26.73 1.50 -12.15	21.73 2.00 -3.67
SOUTHOLD___IC 23719	19.98 0.84 -12.68	40.92 -0.45 -44.75	19.18 -0.13 -20.33	19.15 0.04 -18.86	21.16 0.06 -20.63	55.77 -0.08 -56.42	139.44 -0.40 -142.72	121.71 -0.15 -122.92	126.84 0.40 -123.46	60.62 1.38 -48.24	23.75 1.10 -13.91	38.29 0.52 -33.53	71.07 0.19 -69.07	31.56 0.24 -28.33	106.81 0.88 -97.05	37.28 0.63 -31.08	34.04 0.48 -29.27	29.00 0.16 -27.40	69.76 0.97 -59.98	52.04 0.02 -51.85	64.17 -0.67 -70.50	40.72 -0.17 -42.43	26.74 1.52 -12.15	21.73 2.00 -3.67

SPIERFLS_115KV_TB 1 80737	22.91 0.34 -16.12	25.98 -0.17 -29.52	24.78 -0.05 -25.84	24.39 0.01 -24.13	23.84 0.03 -23.34	24.90 -0.03 -25.50	33.46 -0.15 -36.50	36.24 -0.06 -37.37	26.55 0.14 -23.41	25.95 0.49 -14.46	23.94 0.41 -14.79	25.66 0.19 -21.23	26.64 0.08 -24.74	28.91 0.14 -25.77	21.82 0.40 -12.55	21.47 0.27 -15.63	23.19 0.22 -18.69	23.35 0.08 -21.82	20.26 0.51 -10.95	52.34 0.02 -52.15	56.79 -0.32 -62.78	28.15 -0.08 -29.77	22.22 0.69 -8.46	19.74 0.85 -2.82
ST LAWRENCE____ 23600	6.31 -0.14 0.00	-6.15 0.09 2.87	-21.05 0.03 20.05	-20.58 -0.01 20.83	-18.42 -0.01 18.87	-5.70 0.02 5.14	-2.81 0.08 0.00	-1.03 0.03 0.00	2.91 -0.08 0.00	10.73 -0.28 0.00	8.51 -0.22 0.00	4.14 -0.10 0.00	1.76 -0.05 0.00	2.92 -0.08 0.00	8.65 -0.22 0.00	5.42 -0.14 0.00	4.17 -0.12 0.00	1.41 -0.04 0.00	8.57 -0.23 0.00	0.17 -0.01 0.00	-5.51 0.16 0.00	-1.50 0.04 0.00	12.79 -0.28 0.00	15.70 -0.37 0.00
STATE_CA_115KV_115_LB 55624	22.34 0.28 -15.61	25.06 -0.15 -28.59	23.97 -0.04 -25.03	23.63 0.01 -23.36	23.10 0.02 -22.60	24.10 -0.02 -24.69	32.29 -0.12 -35.30	35.18 -0.04 -36.29	25.97 0.13 -22.84	25.59 0.47 -14.11	23.54 0.38 -14.43	25.15 0.19 -20.72	26.04 0.08 -24.15	28.29 0.13 -25.17	21.51 0.39 -12.25	21.06 0.24 -15.26	22.72 0.19 -18.25	22.83 0.06 -21.32	19.89 0.39 -10.70	51.14 0.00 -50.95	55.40 -0.26 -61.34	27.48 -0.07 -29.09	21.91 0.57 -8.26	19.53 0.70 -2.76
STATE_ST_34_KV_LOAD 55959	8.26 -0.02 -1.83	-0.04 -0.01 -3.35	1.91 0.00 -2.93	2.99 0.00 -2.74	3.12 0.00 -2.65	2.31 -0.01 -2.89	1.21 -0.03 -4.13	3.15 -0.02 -4.23	5.66 0.03 -2.64	12.66 0.02 -1.64	10.45 0.05 -1.67	6.64 -0.01 -2.40	4.63 0.01 -2.81	5.95 0.01 -2.94	10.32 0.02 -1.42	7.34 0.00 -1.77	6.42 0.02 -2.12	3.94 0.01 -2.48	10.09 0.04 -1.24	6.10 0.01 -5.92	1.39 -0.07 -7.13	1.82 -0.02 -3.38	14.09 0.06 -0.96	16.45 0.06 -0.32
STATION 5_MISC_HYD 23604	8.05 -0.15 -1.75	-0.16 0.02 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.00 0.00 -2.53	2.19 0.00 -2.77	1.05 -0.02 -3.96	2.96 -0.03 -4.05	5.46 -0.06 -2.53	12.42 -0.15 -1.57	10.22 -0.11 -1.60	6.48 -0.05 -2.30	4.48 -0.02 -2.69	5.77 -0.04 -2.81	10.09 -0.15 -1.36	7.19 -0.07 -1.69	6.27 -0.05 -2.03	3.80 -0.01 -2.37	9.82 -0.17 -1.19	5.83 -0.01 -5.66	1.18 0.03 -6.82	1.71 0.02 -3.24	13.64 -0.35 -0.92	15.99 -0.38 -0.31
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.11 -0.10 -1.75	-0.16 0.00 -3.21	1.80 0.00 -2.81	2.88 0.00 -2.62	3.01 0.00 -2.54	2.19 0.00 -2.77	1.04 -0.03 -3.96	2.97 -0.02 -4.05	5.51 -0.02 -2.54	12.53 -0.05 -1.57	10.29 -0.04 -1.61	6.52 -0.03 -2.31	4.50 0.00 -2.69	5.80 -0.01 -2.82	10.17 -0.06 -1.36	7.24 -0.03 -1.70	6.31 0.00 -2.03	3.82 0.00 -2.38	9.94 -0.05 -1.19	5.85 0.00 -5.68	1.14 -0.02 -6.83	1.70 0.00 -3.24	13.81 -0.19 -0.92	16.16 -0.21 -0.31
STA_56_34_KV_BUS2_REV_LBMP_B 345033	8.01 -0.18 -1.74	-0.16 0.04 -3.18	1.78 0.01 -2.78	2.85 -0.01 -2.60	2.98 -0.01 -2.51	2.17 0.00 -2.75	1.04 0.00 -3.93	2.94 -0.02 -4.02	5.43 -0.07 -2.51	12.37 -0.19 -1.55	10.17 -0.15 -1.59	6.45 -0.08 -2.29	4.45 -0.03 -2.67	5.73 -0.05 -2.79	10.05 -0.18 -1.35	7.16 -0.09 -1.68	6.23 -0.06 -2.01	3.78 -0.02 -2.35	9.79 -0.19 -1.18	5.79 -0.01 -5.62	1.16 0.06 -6.77	1.69 0.02 -3.21	13.59 -0.39 -0.91	15.93 -0.44 -0.30
STA_56____34_KV_BUS2 355983	8.01 -0.18 -1.74	-0.16 0.04 -3.18	1.78 0.01 -2.78	2.85 -0.01 -2.60	2.98 -0.01 -2.51	2.17 0.00 -2.75	1.04 0.00 -3.93	2.94 -0.02 -4.02	5.43 -0.07 -2.51	12.37 -0.19 -1.55	10.17 -0.15 -1.59	6.45 -0.08 -2.29	4.45 -0.03 -2.67	5.73 -0.05 -2.79	10.05 -0.18 -1.35	7.16 -0.09 -1.68	6.23 -0.06 -2.01	3.78 -0.02 -2.35	9.79 -0.19 -1.18	5.79 -0.01 -5.62	1.16 0.06 -6.77	1.69 0.02 -3.21	13.59 -0.39 -0.91	15.93 -0.44 -0.30
STA_67____115KV_BK2 355882	8.04 -0.16 -1.75	-0.15 0.02 -3.20	1.79 0.00 -2.80	2.87 0.00 -2.62	3.00 0.00 -2.53	2.19 0.00 -2.77	1.05 -0.01 -3.95	2.96 -0.02 -4.04	5.45 -0.07 -2.53	12.40 -0.17 -1.56	10.20 -0.13 -1.60	6.48 -0.07 -2.30	4.48 -0.02 -2.69	5.76 -0.04 -2.81	10.07 -0.17 -1.36	7.18 -0.09 -1.69	6.25 -0.06 -2.03	3.80 -0.02 -2.37	9.80 -0.19 -1.19	5.83 -0.01 -5.66	1.19 0.05 -6.81	1.71 0.02 -3.23	13.62 -0.37 -0.92	15.96 -0.42 -0.31
STA_7____115KV_9TRANS 80674	8.08 -0.13 -1.75	-0.17 0.00 -3.20	1.79 0.00 -2.81	2.87 0.00 -2.62	3.01 0.00 -2.53	2.19 0.00 -2.77	1.04 -0.03 -3.96	2.95 -0.03 -4.05	5.47 -0.05 -2.53	12.47 -0.10 -1.57	10.25 -0.08 -1.60	6.50 -0.04 -2.30	4.49 -0.01 -2.69	5.78 -0.02 -2.81	10.13 -0.10 -1.36	7.22 -0.05 -1.69	6.29 -0.03 -2.03	3.81 -0.01 -2.37	9.87 -0.12 -1.19	5.83 -0.01 -5.66	1.16 0.01 -6.82	1.70 0.01 -3.24	13.70 -0.29 -0.92	16.05 -0.32 -0.31
STA_82____115KV_TB1 80780	8.05 -0.16 -1.75	-0.14 0.02 -3.21	1.80 0.00 -2.81	2.88 0.00 -2.63	3.01 0.00 -2.54	2.20 0.00 -2.78	1.07 -0.01 -3.97	2.97 -0.02 -4.06	5.46 -0.07 -2.54	12.41 -0.17 -1.57	10.21 -0.13 -1.61	6.48 -0.07 -2.31	4.49 -0.02 -2.70	5.77 -0.04 -2.82	10.08 -0.17 -1.37	7.19 -0.08 -1.70	6.26 -0.06 -2.04	3.81 -0.02 -2.38	9.82 -0.18 -1.19	5.85 -0.01 -5.68	1.22 0.04 -6.84	1.72 0.02 -3.24	13.62 -0.37 -0.92	15.96 -0.41 -0.31
STEEL____WIND 323596	8.58 -0.20 -2.33	0.88 0.00 -4.27	2.72 0.00 -3.73	3.74 0.00 -3.48	3.84 0.00 -3.37	3.11 0.00 -3.68	2.36 -0.01 -5.27	4.30 -0.03 -5.38	6.26 -0.10 -3.37	12.88 -0.21 -2.08	10.72 -0.14 -2.13	7.23 -0.07 -3.06	5.37 -0.02 -3.58	6.68 -0.06 -3.74	10.43 -0.25 -1.81	7.70 -0.13 -2.26	6.89 -0.10 -2.70	4.58 -0.03 -3.16	10.11 -0.28 -1.58	7.70 -0.02 -7.54	3.50 0.09 -9.08	2.80 0.03 -4.31	13.75 -0.55 -1.22	15.86 -0.62 -0.41
STEPHTWN_115KV_BK_2 55603	22.18 0.29 -15.44	24.76 -0.15 -28.29	23.70 -0.04 -24.76	23.38 0.01 -23.12	22.86 0.02 -22.36	23.83 -0.03 -24.43	31.89 -0.13 -34.91	34.61 -0.05 -35.72	25.52 0.16 -22.37	25.30 0.48 -13.82	23.23 0.36 -14.13	24.70 0.18 -20.28	25.53 0.08 -23.63	27.75 0.13 -24.62	21.22 0.36 -11.99	20.73 0.23 -14.94	22.34 0.18 -17.87	22.40 0.06 -20.89	19.69 0.41 -10.48	50.10 0.00 -49.92	54.15 -0.27 -60.09	26.89 -0.07 -28.50	21.73 0.57 -8.10	19.43 0.66 -2.70
STEBEN_REC_LFGE 323667	9.12 -0.16 -2.82	1.86 0.06 -5.18	3.53 0.02 -4.53	4.48 -0.01 -4.23	4.55 -0.01 -4.09	3.90 0.01 -4.47	3.51 0.01 -6.39	5.47 0.00 -6.53	7.04 -0.04 -4.09	13.40 -0.13 -2.53	11.23 -0.09 -2.59	7.92 -0.04 -3.72	6.14 -0.01 -4.34	7.48 -0.05 -4.54	10.89 -0.18 -2.20	8.26 -0.05 -2.74	7.57 0.01 -3.28	5.28 0.01 -3.83	10.62 -0.10 -1.92	9.31 -0.02 -9.15	5.31 -0.03 -11.01	3.69 0.01 -5.22	14.13 -0.42 -1.48	16.01 -0.55 -0.49
STONY____BROOK 24151	19.77 0.63 -12.68	41.04 -0.33 -44.75	19.23 -0.10 -20.35	19.15 0.03 -18.88	21.14 0.05 -20.63	65.82 -0.05 -66.44	169.07 -0.28 -172.24	143.76 -0.10 -144.92	154.72 0.29 -151.43	70.36 1.02 -58.33	23.49 0.84 -13.92	38.17 0.40 -33.53	71.05 0.17 -69.07	31.56 0.24 -28.33	106.64 0.72 -97.05	37.13 0.48 -31.08	33.91 0.36 -29.27	28.95 0.11 -27.40	69.48 0.70 -59.98	52.04 0.01 -51.85	64.37 -0.46 -70.50	40.77 -0.12 -42.43	26.31 1.08 -12.16	21.20 1.46 -3.67

STURGEON_POOL_HYD 23609	19.40 0.39 -12.56	19.44 -0.20 -23.01	19.07 -0.05 -20.14	19.08 0.02 -18.81	18.69 0.03 -18.19	19.27 -0.03 -19.87	25.35 -0.16 -28.40	27.94 -0.05 -29.05	21.37 0.19 -18.18	22.95 0.70 -11.25	20.79 0.55 -11.50	21.03 0.27 -16.52	21.26 0.12 -19.33	23.47 0.20 -20.27	19.29 0.64 -9.78	18.14 0.39 -12.18	19.15 0.29 -14.57	18.57 0.10 -17.03	17.87 0.53 -8.54	40.88 0.01 -40.70	42.98 -0.34 -48.99	21.60 -0.09 -23.23	20.41 0.74 -6.60	19.16 0.89 -2.20
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.38 0.35 -11.58	17.65 -0.18 -21.21	17.50 -0.05 -18.57	17.60 0.01 -17.33	17.26 0.03 -16.77	17.72 -0.03 -18.32	23.14 -0.15 -26.18	25.58 -0.05 -26.70	19.80 0.16 -16.64	21.91 0.60 -10.31	19.81 0.48 -10.60	19.70 0.24 -15.23	19.76 0.10 -17.84	21.92 0.17 -18.75	18.43 0.54 -9.02	17.13 0.33 -11.23	17.97 0.25 -13.44	17.23 0.08 -15.70	17.15 0.47 -7.88	37.70 0.01 -37.52	39.18 -0.31 -45.16	19.80 -0.08 -21.42	19.82 0.66 -6.08	18.89 0.79 -2.03
SWANROAD_115KV_TB1 355699	8.23 -0.38 -2.15	0.62 0.05 -3.94	2.45 0.01 -3.45	3.47 -0.01 -3.22	3.57 -0.01 -3.12	2.84 0.00 -3.40	2.03 0.06 -4.86	3.92 0.01 -4.98	5.90 -0.20 -3.11	12.35 -0.58 -1.92	10.24 -0.46 -1.97	6.84 -0.23 -2.83	5.03 -0.09 -3.31	6.28 -0.17 -3.46	9.95 -0.60 -1.67	7.31 -0.35 -2.08	6.52 -0.26 -2.50	4.28 -0.08 -2.91	9.67 -0.59 -1.46	7.12 -0.02 -6.96	3.00 0.29 -8.38	2.52 0.08 -3.98	13.21 -0.99 -1.13	15.35 -1.09 -0.38
SYNERGY___BIOGAS 323694	8.20 -0.01 -1.75	-0.23 -0.06 -3.22	1.78 -0.02 -2.82	2.89 0.00 -2.63	3.02 0.01 -2.54	2.18 -0.02 -2.78	0.97 -0.11 -3.97	2.94 -0.06 -4.06	5.55 0.02 -2.54	12.69 0.11 -1.57	10.38 0.04 -1.61	6.58 0.03 -2.31	4.52 0.01 -2.70	5.83 0.01 -2.82	10.33 0.09 -1.37	7.35 0.08 -1.70	6.39 0.06 -2.04	3.85 0.02 -2.38	10.06 0.06 -1.19	5.85 -0.01 -5.69	1.07 -0.11 -6.85	1.68 -0.02 -3.25	13.96 -0.04 -0.92	16.32 -0.06 -0.31
SYRACUSE___ENERGY_ST1 323597	7.90 -0.09 -1.53	-0.56 0.03 -2.80	1.44 0.01 -2.44	2.54 0.00 -2.28	2.67 -0.01 -2.21	1.84 0.00 -2.41	0.56 0.00 -3.45	2.46 -0.01 -3.53	5.18 -0.02 -2.21	12.29 -0.08 -1.37	10.08 -0.05 -1.40	6.22 -0.03 -2.01	4.15 -0.01 -2.34	5.43 -0.02 -2.45	9.99 -0.07 -1.19	7.01 -0.04 -1.48	6.03 -0.02 -1.77	3.51 0.00 -2.07	9.79 -0.04 -1.04	5.12 0.00 -4.94	0.29 0.00 -5.95	1.29 0.00 -2.82	13.77 -0.10 -0.80	16.23 -0.10 -0.27
SYRACUSE___ENERGY_ST2 323598	7.90 -0.09 -1.53	-0.56 0.03 -2.80	1.44 0.01 -2.44	2.54 0.00 -2.28	2.67 -0.01 -2.21	1.84 0.00 -2.41	0.56 0.00 -3.45	2.46 -0.01 -3.53	5.18 -0.02 -2.21	12.29 -0.08 -1.37	10.08 -0.05 -1.40	6.22 -0.03 -2.01	4.15 -0.01 -2.34	5.43 -0.02 -2.45	9.99 -0.07 -1.19	7.01 -0.04 -1.48	6.03 -0.02 -1.77	3.51 0.00 -2.07	9.79 -0.04 -1.04	5.12 0.00 -4.94	0.29 0.00 -5.95	1.29 0.00 -2.82	13.77 -0.10 -0.80	16.23 -0.10 -0.27
SYRACUSE___POWER 24017	7.94 -0.08 -1.57	-0.48 0.03 -2.88	1.51 0.01 -2.51	2.60 0.00 -2.35	2.74 -0.01 -2.27	1.91 0.00 -2.48	0.66 0.00 -3.55	2.56 0.00 -3.63	5.24 -0.02 -2.27	12.33 -0.08 -1.40	10.10 -0.07 -1.44	6.27 -0.04 -2.07	4.21 -0.01 -2.41	5.49 -0.02 -2.52	10.02 -0.07 -1.22	7.05 -0.04 -1.52	6.08 -0.02 -1.82	3.57 0.00 -2.13	9.83 -0.04 -1.07	5.25 0.00 -5.08	0.45 0.00 -6.12	1.36 0.00 -2.90	13.79 -0.10 -0.82	16.25 -0.10 -0.27
TALLMAN__138KV_BK151 55660	18.75 0.39 -11.91	18.24 -0.20 -21.82	18.02 -0.06 -19.10	18.10 0.02 -17.83	17.75 0.03 -17.25	18.24 -0.03 -18.84	23.88 -0.17 -26.93	26.34 -0.06 -27.45	20.28 0.18 -17.11	22.26 0.66 -10.60	20.17 0.54 -10.91	20.17 0.27 -15.67	20.29 0.12 -18.36	22.49 0.20 -19.30	18.75 0.60 -9.27	17.50 0.38 -11.55	18.39 0.29 -13.82	17.69 0.09 -16.15	17.42 0.52 -8.10	38.78 0.01 -38.60	40.44 -0.36 -46.46	20.40 -0.09 -22.03	20.07 0.74 -6.26	19.05 0.89 -2.09
TEALLAVE_115KV_TB7 355573	7.69 -0.11 -1.35	-0.87 0.04 -2.47	1.16 0.01 -2.16	2.27 -0.01 -2.02	2.42 -0.01 -1.95	1.56 0.00 -2.14	0.18 0.02 -3.05	2.06 0.00 -3.12	4.91 -0.04 -1.95	12.08 -0.13 -1.21	9.86 -0.10 -1.24	5.96 -0.06 -1.77	3.87 -0.02 -2.07	5.13 -0.03 -2.17	9.82 -0.11 -1.05	6.82 -0.06 -1.31	5.81 -0.04 -1.56	3.26 -0.01 -1.83	9.63 -0.09 -0.91	4.54 0.00 -4.37	-0.37 0.04 -5.26	0.97 0.02 -2.49	13.61 -0.17 -0.71	16.13 -0.17 -0.24
TELGRAPH_34_KV_EAST 80808	8.30 -0.23 -2.08	0.43 0.00 -3.82	2.32 0.00 -3.34	3.37 0.00 -3.12	3.48 -0.01 -3.01	2.72 0.00 -3.29	1.82 0.00 -4.71	3.74 -0.02 -4.82	5.89 -0.12 -3.01	12.56 -0.31 -1.86	10.39 -0.25 -1.91	6.85 -0.13 -2.74	4.97 -0.05 -3.20	6.25 -0.09 -3.35	10.15 -0.35 -1.62	7.40 -0.19 -2.02	6.57 -0.13 -2.41	4.23 -0.04 -2.82	9.87 -0.35 -1.42	6.90 -0.02 -6.75	2.58 0.13 -8.12	2.35 0.04 -3.85	13.51 -0.65 -1.09	15.74 -0.69 -0.37
TEMPLE___115KV_TB 2 55572	7.71 -0.11 -1.37	-0.84 0.04 -2.50	1.18 0.01 -2.19	2.29 -0.01 -2.04	2.44 -0.01 -1.98	1.59 0.00 -2.16	0.21 0.01 -3.09	2.09 0.00 -3.16	4.93 -0.03 -1.98	12.10 -0.12 -1.22	9.88 -0.10 -1.25	5.98 -0.05 -1.79	3.89 -0.02 -2.10	5.16 -0.03 -2.20	9.84 -0.10 -1.06	6.84 -0.06 -1.32	5.83 -0.03 -1.58	3.29 -0.01 -1.85	9.65 -0.08 -0.93	4.60 0.00 -4.42	-0.31 0.03 -5.32	1.00 0.02 -2.52	13.62 -0.16 -0.72	16.14 -0.17 -0.24
TIANA____69_KV_BK 1 55817	19.87 0.73 -12.68	40.98 -0.39 -44.75	19.20 -0.12 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.78 -0.07 -56.42	139.50 -0.34 -142.72	121.73 -0.12 -122.92	126.78 0.34 -123.45	60.42 1.17 -48.24	23.60 0.95 -13.91	38.22 0.45 -33.53	71.06 0.18 -69.07	31.56 0.25 -28.33	106.70 0.78 -97.05	37.17 0.52 -31.08	33.96 0.41 -29.27	28.97 0.13 -27.40	69.58 0.79 -59.98	52.03 0.01 -51.85	64.27 -0.57 -70.50	40.75 -0.14 -42.43	26.51 1.28 -12.15	21.45 1.72 -3.67
TILDEN___115KV_TB1 80814	7.94 -0.08 -1.57	-0.48 0.03 -2.88	1.51 0.01 -2.51	2.60 0.00 -2.35	2.74 -0.01 -2.27	1.91 0.00 -2.48	0.66 0.00 -3.55	2.56 0.00 -3.63	5.24 -0.02 -2.27	12.33 -0.08 -1.40	10.10 -0.07 -1.44	6.27 -0.04 -2.07	4.21 -0.01 -2.41	5.49 -0.02 -2.52	10.02 -0.07 -1.22	7.05 -0.04 -1.52	6.08 -0.02 -1.82	3.57 0.00 -2.13	9.83 -0.04 -1.07	5.25 0.00 -5.08	0.45 0.00 -6.12	1.36 0.00 -2.90	13.79 -0.10 -0.82	16.25 -0.10 -0.27
TRIGEN___CC 323695	19.66 0.52 -12.68	41.10 -0.27 -44.75	19.18 -0.08 -20.28	19.07 0.02 -18.79	21.13 0.03 -20.63	19.08 -0.04 -19.69	31.42 -0.23 -34.54	41.13 -0.08 -42.27	24.14 0.24 -20.91	23.07 0.83 -11.23	23.34 0.70 -13.91	38.12 0.35 -33.53	71.02 0.14 -69.07	31.54 0.22 -28.33	106.60 0.68 -97.05	37.06 0.41 -31.08	33.86 0.30 -29.27	28.94 0.09 -27.40	69.33 0.55 -59.98	52.03 0.01 -51.85	64.44 -0.39 -70.50	40.79 -0.10 -42.43	26.08 0.88 -12.14	20.95 1.22 -3.67
TRINITY__115KV__ 4 BK 55933	22.18 0.26 -15.47	24.82 -0.14 -28.34	23.75 -0.04 -24.80	23.42 0.01 -23.16	22.89 0.02 -22.40	23.87 -0.02 -24.47	31.97 -0.11 -34.97	34.67 -0.04 -35.78	25.50 0.11 -22.40	25.23 0.39 -13.83	23.20 0.31 -14.15	24.71 0.16 -20.31	25.55 0.07 -23.67	27.75 0.11 -24.65	21.20 0.31 -12.01	20.72 0.19 -14.96	22.33 0.15 -17.90	22.41 0.05 -20.92	19.61 0.31 -10.49	50.16 0.00 -49.99	54.29 -0.21 -60.17	26.94 -0.06 -28.54	21.64 0.47 -8.10	19.36 0.59 -2.71

UNION___PROCESSING_DRP 323587	8.05 -0.16 -1.75	-0.14 0.02 -3.22	1.80 0.00 -2.82	2.88 0.00 -2.63	3.01 0.00 -2.54	2.20 0.00 -2.78	1.07 -0.02 -3.97	2.98 -0.02 -4.06	5.46 -0.07 -2.54	12.41 -0.16 -1.57	10.21 -0.13 -1.61	6.49 -0.06 -2.31	4.49 -0.02 -2.70	5.77 -0.04 -2.82	10.08 -0.16 -1.37	7.19 -0.08 -1.70	6.27 -0.06 -2.04	3.81 -0.02 -2.38	9.82 -0.18 -1.19	5.85 -0.01 -5.69	1.22 0.04 -6.85	1.72 0.02 -3.25	13.63 -0.36 -0.92	15.97 -0.41 -0.31
UPPER HUDSON___HYD 24058	22.91 0.34 -16.12	25.98 -0.17 -29.52	24.78 -0.05 -25.84	24.39 0.01 -24.13	23.84 0.03 -23.34	24.90 -0.03 -25.50	33.46 -0.15 -36.50	36.24 -0.06 -37.37	26.54 0.14 -23.41	25.95 0.49 -14.46	23.94 0.41 -14.79	25.66 0.19 -21.23	26.64 0.09 -24.74	28.91 0.14 -25.77	21.82 0.40 -12.55	21.47 0.27 -15.63	23.19 0.22 -18.69	23.35 0.08 -21.82	20.26 0.51 -10.95	52.34 0.02 -52.15	56.79 -0.32 -62.78	28.15 -0.08 -29.77	22.22 0.69 -8.46	19.74 0.85 -2.82
UPPER RAQUET___HYD 24056	6.33 -0.12 0.00	-5.56 0.10 2.28	-16.95 0.03 15.96	-16.34 -0.01 16.58	-14.57 -0.01 15.02	-4.37 0.02 3.81	-2.81 0.07 0.00	-1.04 0.02 0.00	2.91 -0.08 0.00	10.71 -0.29 0.00	8.49 -0.24 0.00	4.13 -0.12 0.00	1.76 -0.06 0.00	2.89 -0.10 0.00	8.56 -0.32 0.00	5.34 -0.23 0.00	4.08 -0.21 0.00	1.38 -0.07 0.00	8.43 -0.37 0.00	0.15 -0.03 0.00	-5.45 0.21 0.00	-1.51 0.03 0.00	12.89 -0.18 0.00	15.78 -0.29 0.00
VALLEY44_115KV_TB2 355964	9.01 -0.01 -2.56	1.23 -0.08 -4.69	3.07 -0.02 -4.11	4.09 0.00 -3.83	4.18 0.01 -3.71	3.46 -0.02 -4.05	2.80 -0.10 -5.79	4.81 -0.05 -5.92	6.73 0.04 -3.71	13.52 0.23 -2.29	11.24 0.16 -2.35	7.65 0.04 -3.37	5.79 0.04 -3.94	7.15 0.04 -4.12	10.94 0.07 -2.00	8.10 0.06 -2.48	7.30 0.06 -2.97	4.93 0.01 -3.47	10.54 0.00 -1.74	8.45 -0.01 -8.28	4.22 -0.08 -9.97	3.17 -0.02 -4.73	14.34 -0.07 -1.34	16.49 -0.02 -0.45
VALLEY___115KV_TB 1-4 80826	6.51 0.06 0.00	-3.29 -0.03 -0.12	-0.19 -0.01 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.92 -0.03 0.00	-1.08 -0.01 0.00	3.02 0.03 0.00	11.07 0.07 0.00	8.76 0.04 0.00	4.25 0.01 0.00	1.82 0.00 0.00	2.99 0.00 0.00	8.84 -0.04 0.00	5.54 -0.03 0.00	4.28 -0.01 0.00	1.45 0.00 0.00	8.84 0.04 0.00	0.17 -0.01 0.00	-5.72 -0.05 0.00	-1.55 -0.01 0.00	13.10 0.03 0.00	16.12 0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	11.84 0.18 -5.20	6.05 -0.11 -9.54	7.30 -0.03 -8.35	8.05 0.01 -7.79	8.02 0.01 -7.54	7.64 -0.02 -8.24	8.79 -0.10 -11.78	10.95 -0.04 -12.05	10.63 0.10 -7.54	16.01 0.35 -4.66	13.77 0.27 -4.77	11.22 0.12 -6.85	9.87 0.06 -8.00	11.46 0.09 -8.37	13.20 0.27 -4.05	10.79 0.17 -5.05	10.46 0.14 -6.04	8.55 0.05 -7.06	12.61 0.27 -3.54	17.04 0.01 -16.86	14.44 -0.19 -20.30	8.04 -0.05 -9.63	16.17 0.36 -2.73	17.42 0.44 -0.91
VISCHER___FERRY HYD 24020	22.44 0.27 -15.72	25.28 -0.14 -28.80	24.15 -0.04 -25.21	23.80 0.01 -23.53	23.26 0.02 -22.77	24.28 -0.02 -24.87	32.56 -0.12 -35.57	35.29 -0.05 -36.40	25.89 0.11 -22.79	25.47 0.39 -14.07	23.45 0.32 -14.40	25.06 0.16 -20.66	25.94 0.07 -24.06	28.12 0.11 -25.02	21.38 0.30 -12.21	20.96 0.18 -15.21	22.62 0.14 -18.19	22.75 0.05 -21.25	19.78 0.32 -10.66	50.97 0.01 -50.79	55.25 -0.22 -61.14	27.40 -0.06 -29.00	21.78 0.48 -8.24	19.42 0.61 -2.75
V_A_10_SYNC_DSASP 323832	8.15 -0.26 -1.96	0.24 0.04 -3.58	2.13 0.01 -3.14	3.18 -0.01 -2.93	3.29 -0.01 -2.83	2.52 0.00 -3.09	1.55 0.02 -4.42	3.45 -0.02 -4.52	5.69 -0.13 -2.83	12.43 -0.32 -1.75	10.27 -0.25 -1.79	6.69 -0.13 -2.57	4.77 -0.05 -3.01	6.04 -0.09 -3.14	10.04 -0.36 -1.52	7.26 -0.20 -1.90	6.41 -0.14 -2.27	4.05 -0.05 -2.65	9.76 -0.37 -1.33	6.49 -0.01 -6.34	2.11 0.15 -7.63	2.12 0.05 -3.62	13.45 -0.65 -1.03	15.69 -0.72 -0.34
V_CMM_10_SYNC_DSASP 323787	6.34 -0.11 0.00	-6.17 0.08 2.87	-21.05 0.03 20.05	-20.58 0.00 20.83	-18.41 -0.01 18.87	-5.70 0.02 5.14	-2.82 0.07 0.00	-1.04 0.02 0.00	2.93 -0.06 0.00	10.78 -0.23 0.00	8.55 -0.18 0.00	4.16 -0.09 0.00	1.77 -0.04 0.00	2.93 -0.07 0.00	8.69 -0.18 0.00	5.45 -0.12 0.00	4.18 -0.10 0.00	1.41 -0.04 0.00	8.61 -0.19 0.00	0.17 -0.01 0.00	-5.54 0.13 0.00	-1.51 0.03 0.00	12.85 -0.22 0.00	15.76 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	6.52 0.07 0.00	-6.08 0.12 2.83	-20.78 0.02 19.78	-20.30 -0.01 20.55	-18.17 -0.02 18.62	-7.41 0.03 6.87	-2.81 0.08 0.00	-1.06 0.01 0.00	2.90 -0.09 0.00	10.80 -0.20 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.81 -0.01 0.00	2.96 -0.03 0.00	8.76 -0.12 0.00	5.44 -0.13 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.68 -0.12 0.00	0.16 -0.01 0.00	-5.57 0.10 0.00	-1.54 0.00 0.00	13.15 0.08 0.00	16.24 0.17 0.00
V_E_10_SYNC_DSASP 323830	10.67 0.28 -3.93	3.67 -0.15 -7.20	5.24 -0.04 -6.30	6.15 0.01 -5.88	6.19 0.02 -5.69	5.61 -0.03 -6.22	5.82 -0.18 -8.89	7.95 -0.08 -9.09	8.82 0.14 -5.69	14.92 0.40 -3.52	12.57 0.24 -3.60	9.50 0.09 -5.17	7.90 0.04 -6.04	9.38 0.07 -6.32	12.13 0.20 -3.06	9.51 0.14 -3.81	9.00 0.16 -4.56	6.83 0.06 -5.33	11.93 0.46 -2.67	12.92 0.02 -12.73	9.25 -0.40 -15.32	5.64 -0.09 -7.27	15.72 0.59 -2.06	17.42 0.67 -0.69
V_F_30_NSYNC___DSASP 323816	22.86 0.34 -16.06	25.87 -0.18 -29.42	24.69 -0.05 -25.76	24.31 0.01 -24.04	23.76 0.03 -23.26	24.81 -0.03 -25.41	33.32 -0.16 -36.37	36.11 -0.06 -37.23	26.46 0.15 -23.32	25.92 0.51 -14.41	23.88 0.41 -14.74	25.59 0.20 -21.15	26.54 0.09 -24.64	28.80 0.14 -25.66	21.78 0.40 -12.50	21.40 0.26 -15.57	23.11 0.21 -18.62	23.26 0.07 -21.74	20.18 0.48 -10.91	52.14 0.01 -51.96	56.57 -0.31 -62.54	28.04 -0.08 -29.66	22.16 0.66 -8.43	19.69 0.81 -2.81
V_F_30_SYNC_DSASP 323786	22.32 0.28 -15.59	25.04 -0.15 -28.57	23.95 -0.04 -25.01	23.61 0.01 -23.35	23.08 0.02 -22.59	24.08 -0.02 -24.67	32.26 -0.12 -35.27	35.15 -0.04 -36.25	25.94 0.13 -22.82	25.57 0.47 -14.10	23.53 0.38 -14.42	25.13 0.19 -20.70	26.02 0.08 -24.12	28.26 0.13 -25.14	21.50 0.38 -12.24	21.05 0.24 -15.24	22.70 0.19 -18.23	22.81 0.06 -21.30	19.87 0.39 -10.68	51.08 0.01 -50.90	55.34 -0.26 -61.27	27.45 -0.07 -29.06	21.89 0.57 -8.25	19.52 0.70 -2.75
V_XM_10_SYNC_DSASP 323789	6.52 0.07 0.00	-6.08 0.12 2.83	-20.78 0.02 19.78	-20.30 -0.01 20.55	-18.17 -0.02 18.62	-7.41 0.03 6.87	-2.81 0.08 0.00	-1.06 0.01 0.00	2.90 -0.09 0.00	10.80 -0.20 0.00	8.66 -0.07 0.00	4.20 -0.04 0.00	1.81 -0.01 0.00	2.96 -0.03 0.00	8.76 -0.12 0.00	5.44 -0.13 0.00	4.16 -0.12 0.00	1.41 -0.04 0.00	8.68 -0.12 0.00	0.16 -0.01 0.00	-5.57 0.10 0.00	-1.54 0.00 0.00	13.15 0.08 0.00	16.24 0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.84 0.40 -11.98	18.37 -0.21 -21.96	18.14 -0.06 -19.22	18.21 0.02 -17.94	17.86 0.03 -17.36	18.36 -0.03 -18.96	24.04 -0.17 -27.10	26.52 -0.06 -27.64	20.41 0.19 -17.23	22.38 0.70 -10.67	20.27 0.56 -10.97	20.28 0.28 -15.76	20.41 0.12 -18.47	22.62 0.21 -19.42	18.84 0.63 -9.33	17.59 0.39 -11.63	18.49 0.30 -13.91	17.80 0.10 -16.26	17.50 0.55 -8.15	39.02 0.01 -38.84	40.71 -0.37 -46.76	20.54 -0.10 -22.17	20.15 0.78 -6.30	19.11 0.94 -2.10

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.68	25.07 -0.18 -28.14	27.78 -0.06 -28.90	21.37 0.21 -18.17	23.02 0.79 -11.23	20.75 0.63 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.42 -12.08	19.05 0.32 -14.45	18.43 0.10 -16.88	17.84 0.57 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.47 0.86 -6.54	19.27 1.02 -2.18
W50THST__13_KV_LOAD 356117	19.35 0.46 -12.44	19.18 -0.23 -22.79	18.87 -0.07 -19.95	18.90 0.02 -18.63	18.53 0.03 -18.02	19.08 -0.04 -19.68	25.05 -0.20 -28.14	27.77 -0.06 -28.90	21.39 0.23 -18.17	23.09 0.86 -11.23	20.80 0.68 -11.40	20.95 0.33 -16.37	21.15 0.14 -19.19	23.41 0.24 -20.17	19.31 0.74 -9.69	18.10 0.46 -12.08	19.07 0.34 -14.45	18.44 0.11 -16.88	17.89 0.62 -8.47	40.51 0.00 -40.34	42.45 -0.44 -48.56	21.38 -0.11 -23.03	20.55 0.94 -6.54	19.37 1.12 -2.18
WADING RIVER_IC_1 23522	19.79 0.66 -12.68	41.02 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.69 -0.05 -56.32	139.24 -0.30 -142.43	121.53 -0.11 -122.70	126.46 0.30 -123.17	60.17 1.03 -48.14	23.48 0.84 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.54 0.22 -28.33	106.59 0.67 -97.05	37.12 0.47 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.48 0.70 -59.98	52.04 0.01 -51.85	64.35 -0.48 -70.50	40.77 -0.12 -42.43	26.36 1.13 -12.15	21.26 1.53 -3.67
WADING RIVER_IC_2 23547	19.79 0.66 -12.68	41.02 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.69 -0.05 -56.32	139.24 -0.30 -142.43	121.53 -0.11 -122.70	126.46 0.30 -123.17	60.17 1.03 -48.14	23.48 0.84 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.54 0.22 -28.33	106.59 0.67 -97.05	37.12 0.47 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.48 0.70 -59.98	52.04 0.01 -51.85	64.35 -0.48 -70.50	40.77 -0.12 -42.43	26.36 1.13 -12.15	21.26 1.53 -3.67
WADING RIVER_IC_3 23601	19.79 0.66 -12.68	41.02 -0.35 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	55.69 -0.05 -56.32	139.24 -0.30 -142.43	121.53 -0.11 -122.70	126.46 0.30 -123.17	60.17 1.03 -48.14	23.48 0.84 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.54 0.22 -28.33	106.59 0.67 -97.05	37.12 0.47 -31.08	33.91 0.35 -29.27	28.95 0.11 -27.40	69.48 0.70 -59.98	52.04 0.01 -51.85	64.35 -0.48 -70.50	40.77 -0.12 -42.43	26.36 1.13 -12.15	21.26 1.53 -3.67
WALDENNY_12_KV_BK2 80841	8.55 -0.21 -2.31	0.84 0.00 -4.23	2.69 0.00 -3.70	3.71 0.00 -3.46	3.81 0.00 -3.35	3.07 0.00 -3.65	2.32 -0.01 -5.22	4.25 -0.02 -5.34	6.23 -0.10 -3.34	12.87 -0.20 -2.07	10.70 -0.15 -2.11	7.20 -0.08 -3.04	5.34 -0.02 -3.55	6.65 -0.06 -3.71	10.41 -0.26 -1.80	7.67 -0.14 -2.24	6.86 -0.10 -2.68	4.55 -0.03 -3.13	10.09 -0.28 -1.57	7.64 -0.01 -7.48	3.43 0.09 -9.00	2.76 0.03 -4.27	13.72 -0.56 -1.21	15.85 -0.62 -0.40
WALDEN__HYDRO 24148	18.87 0.40 -12.01	18.42 -0.21 -22.01	18.19 -0.06 -19.27	18.26 0.02 -17.99	17.90 0.03 -17.40	18.40 -0.03 -19.01	24.11 -0.17 -27.17	26.65 -0.06 -27.78	20.55 0.19 -17.37	22.43 0.67 -10.75	20.27 0.54 -11.00	20.30 0.26 -15.81	20.43 0.11 -18.51	22.63 0.19 -19.45	18.82 0.59 -9.36	17.58 0.36 -11.66	18.50 0.27 -13.94	17.83 0.09 -16.29	17.51 0.53 -8.17	39.12 0.01 -38.94	40.84 -0.36 -46.87	20.59 -0.09 -22.23	20.16 0.77 -6.31	19.10 0.92 -2.11
WARRENSBURG____ 23737	22.91 0.34 -16.12	25.98 -0.17 -29.52	24.78 -0.05 -25.84	24.39 0.01 -24.13	23.84 0.03 -23.34	24.90 -0.03 -25.50	33.46 -0.15 -36.50	36.24 -0.06 -37.37	26.54 0.14 -23.41	25.95 0.49 -14.46	23.94 0.41 -14.79	25.66 0.19 -21.23	26.64 0.09 -24.74	28.91 0.14 -25.77	21.82 0.40 -12.55	21.47 0.27 -15.63	23.19 0.22 -18.69	23.35 0.08 -21.82	20.26 0.51 -10.95	52.34 0.02 -52.15	56.79 -0.32 -62.78	28.15 -0.08 -29.77	22.22 0.69 -8.46	19.74 0.85 -2.82
WATERSIDE____6 8 9 23538	19.31 0.42 -12.44	19.20 -0.21 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.00 0.76 -11.23	20.73 0.60 -11.40	20.91 0.30 -16.37	21.13 0.13 -19.19	23.38 0.22 -20.17	19.24 0.67 -9.69	18.06 0.41 -12.08	19.04 0.31 -14.45	18.42 0.10 -16.88	17.82 0.55 -8.47	40.52 0.00 -40.34	42.49 -0.40 -48.56	21.39 -0.10 -23.03	20.48 0.86 -6.54	19.28 1.03 -2.18
WATKINRD_115KV_LN8_ILLION 55919	6.49 0.04 0.00	-3.28 -0.02 -0.12	-0.19 0.00 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.91 -0.03 0.00	-1.07 -0.01 0.00	3.01 0.02 0.00	11.04 0.04 0.00	8.75 0.02 0.00	4.24 0.00 0.00	1.82 0.00 0.00	3.00 0.00 0.00	8.85 -0.02 0.00	5.55 -0.02 0.00	4.28 0.00 0.00	1.45 0.00 0.00	8.84 0.04 0.00	0.17 0.00 0.00	-5.71 -0.05 0.00	-1.55 -0.01 0.00	13.12 0.05 0.00	16.13 0.06 0.00
WATSON____69_KV_BK 1 55734	19.81 0.67 -12.68	41.02 -0.35 -44.75	19.18 -0.10 -20.31	19.10 0.03 -18.83	21.15 0.05 -20.63	37.40 -0.05 -38.03	85.36 -0.29 -88.54	81.36 -0.10 -82.53	75.38 0.29 -72.10	41.75 1.05 -29.70	23.51 0.87 -13.91	38.19 0.42 -33.53	71.05 0.17 -69.07	31.57 0.25 -28.33	106.68 0.76 -97.05	37.13 0.49 -31.08	33.93 0.37 -29.27	28.96 0.12 -27.40	69.47 0.69 -59.98	52.03 0.01 -51.85	64.35 -0.49 -70.50	40.77 -0.13 -42.43	26.35 1.14 -12.14	21.30 1.57 -3.67
WDELAWARE__HYD 323627	18.06 0.51 -11.10	16.69 -0.27 -20.34	16.70 -0.08 -17.80	16.89 0.02 -16.62	16.59 0.04 -16.08	16.94 -0.05 -17.56	21.97 -0.24 -25.10	24.51 -0.08 -25.66	19.29 0.25 -16.05	21.85 0.92 -9.93	19.63 0.73 -10.17	19.19 0.35 -14.60	19.06 0.15 -17.09	21.17 0.23 -17.94	18.13 0.61 -8.64	16.69 0.36 -10.76	17.45 0.29 -12.88	16.59 0.10 -15.05	16.92 0.56 -7.55	36.15 0.01 -35.97	37.24 -0.38 -43.30	18.90 -0.10 -20.53	19.70 0.80 -5.83	18.95 0.94 -1.95
WEST BABYLON__IC 23714	19.77 0.64 -12.68	41.04 -0.33 -44.75	19.17 -0.10 -20.29	19.08 0.02 -18.80	21.14 0.05 -20.63	23.48 -0.05 -24.11	44.38 -0.28 -47.55	50.81 -0.10 -51.97	36.52 0.28 -33.25	27.69 1.00 -15.68	23.47 0.83 -13.91	38.17 0.40 -33.53	71.04 0.16 -69.07	31.56 0.24 -28.33	106.66 0.74 -97.05	37.12 0.47 -31.08	33.91 0.36 -29.27	28.95 0.11 -27.40	69.44 0.66 -59.98	52.03 0.01 -51.85	64.37 -0.47 -70.50	40.77 -0.12 -42.43	26.29 1.08 -12.14	21.24 1.51 -3.67
WEST CANADA__HYD 24049	6.45 0.00 0.00	-3.26 0.00 -0.12	-0.18 0.00 -0.84	1.12 0.00 -0.87	1.26 0.00 -0.79	-0.36 0.00 -0.21	-2.89 -0.01 0.00	-1.07 0.00 0.00	2.99 0.00 0.00	11.01 0.00 0.00	8.73 0.00 0.00	4.24 0.00 0.00	1.81 0.00 0.00	3.00 0.00 0.00	8.88 0.00 0.00	5.57 0.00 0.00	4.29 0.00 0.00	1.45 0.00 0.00	8.81 0.01 0.00	0.17 0.00 0.00	-5.68 -0.01 0.00	-1.54 0.00 0.00	13.07 0.00 0.00	16.08 0.01 0.00
WESTERN_NY_WIND 24143	8.40 -0.17 -2.12	0.47 -0.04 -3.88	2.37 -0.01 -3.40	3.42 0.00 -3.17	3.54 0.00 -3.07	2.77 -0.01 -3.35	1.87 -0.03 -4.79	3.81 -0.03 -4.90	5.96 -0.10 -3.06	12.68 -0.22 -1.90	10.48 -0.19 -1.94	6.93 -0.10 -2.79	5.03 -0.04 -3.25	6.33 -0.07 -3.40	10.27 -0.25 -1.65	7.51 -0.11 -2.05	6.66 -0.08 -2.46	4.29 -0.02 -2.87	9.99 -0.25 -1.44	7.01 -0.02 -6.86	2.65 0.06 -8.26	2.40 0.03 -3.92	13.65 -0.53 -1.11	15.91 -0.53 -0.37

WESTOVER___LESR 323668	10.65 0.06 -4.14	4.16 -0.05 -7.59	5.61 -0.01 -6.64	6.46 0.00 -6.20	6.47 0.01 -6.00	5.97 -0.01 -6.55	6.41 -0.06 -9.37	8.49 -0.03 -9.58	9.05 0.07 -6.00	14.90 0.19 -3.71	12.66 0.14 -3.79	9.74 0.05 -5.45	8.21 0.03 -6.37	9.70 0.05 -6.66	12.21 0.11 -3.22	9.66 0.07 -4.01	9.16 0.07 -4.80	7.09 0.03 -5.61	11.75 0.13 -2.82	13.60 0.02 -13.41	10.37 -0.10 -16.14	6.09 -0.03 -7.66	15.38 0.14 -2.18	16.95 0.16 -0.73
WETHRSFD_WT_PWR 323626	8.75 -0.32 -2.61	1.47 0.06 -4.79	3.20 0.02 -4.19	4.16 -0.01 -3.91	4.24 -0.01 -3.78	3.57 0.01 -4.13	3.08 0.06 -5.91	4.99 0.01 -6.04	6.63 -0.14 -3.78	12.96 -0.38 -2.34	10.86 -0.27 -2.39	7.55 -0.13 -3.44	5.79 -0.04 -4.02	7.11 -0.08 -4.20	10.58 -0.33 -2.03	7.91 -0.19 -2.53	7.18 -0.14 -3.03	4.94 -0.04 -3.54	10.25 -0.33 -1.78	8.63 -0.01 -8.46	4.70 0.18 -10.18	3.34 0.05 -4.83	13.73 -0.72 -1.37	15.68 -0.84 -0.46
WHAVSTOR_138KV_BK127 55557	18.83 0.38 -12.00	18.41 -0.20 -21.98	18.17 -0.06 -19.24	18.23 0.02 -17.97	17.87 0.03 -17.38	18.38 -0.03 -18.99	24.09 -0.16 -27.14	26.56 -0.05 -27.67	20.42 0.18 -17.26	22.34 0.65 -10.69	20.24 0.52 -10.99	20.28 0.26 -15.78	20.42 0.11 -18.49	22.63 0.19 -19.44	18.81 0.59 -9.35	17.57 0.37 -11.64	18.49 0.28 -13.93	17.81 0.09 -16.27	17.47 0.51 -8.16	39.07 0.01 -38.89	40.80 -0.35 -46.81	20.57 -0.09 -22.20	20.11 0.73 -6.31	19.05 0.87 -2.11
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.83 0.38 -12.00	18.41 -0.20 -21.98	18.17 -0.06 -19.24	18.23 0.02 -17.97	17.87 0.03 -17.38	18.38 -0.03 -18.99	24.09 -0.16 -27.14	26.56 -0.05 -27.67	20.42 0.18 -17.26	22.34 0.65 -10.69	20.24 0.52 -10.99	20.28 0.26 -15.78	20.42 0.11 -18.49	22.63 0.19 -19.44	18.81 0.59 -9.35	17.57 0.37 -11.64	18.49 0.28 -13.93	17.81 0.09 -16.27	17.47 0.51 -8.16	39.07 0.01 -38.89	40.80 -0.35 -46.81	20.57 -0.09 -22.20	20.11 0.73 -6.31	19.05 0.87 -2.11
WHITEHAL_115KV_TB1 80871	23.08 0.53 -16.09	25.85 -0.26 -29.48	24.73 -0.06 -25.81	24.36 0.02 -24.09	23.81 0.03 -23.31	24.85 -0.04 -25.47	33.34 -0.22 -36.45	36.16 -0.09 -37.31	26.55 0.19 -23.37	26.09 0.65 -14.44	24.14 0.64 -14.77	25.74 0.30 -21.20	26.64 0.13 -24.70	28.94 0.23 -25.72	22.03 0.63 -12.53	21.62 0.44 -15.61	23.33 0.39 -18.66	23.37 0.13 -21.79	20.55 0.81 -10.93	52.28 0.04 -52.07	56.56 -0.45 -62.68	28.06 -0.13 -29.73	22.62 1.11 -8.44	20.33 1.45 -2.82
WHITEPLN_13_KV_LOAD 356215	19.33 0.46 -12.42	19.13 -0.24 -22.75	18.83 -0.07 -19.92	18.86 0.02 -18.59	18.49 0.03 -17.98	19.04 -0.04 -19.65	24.99 -0.20 -28.08	27.72 -0.06 -28.85	21.37 0.23 -18.14	23.07 0.85 -11.21	20.77 0.67 -11.38	20.91 0.33 -16.34	21.10 0.14 -19.15	23.36 0.24 -20.13	19.28 0.73 -9.68	18.07 0.45 -12.05	19.04 0.34 -14.42	18.41 0.12 -16.85	17.90 0.64 -8.45	40.45 0.01 -40.26	42.38 -0.41 -48.46	21.34 -0.11 -22.98	20.48 0.88 -6.53	19.31 1.06 -2.18
WM_FLOYD_69_KV_BK2 356380	19.79 0.65 -12.68	41.03 -0.34 -44.75	19.21 -0.10 -20.33	19.14 0.03 -18.86	21.15 0.05 -20.63	56.26 -0.05 -56.89	140.92 -0.29 -144.11	122.78 -0.11 -123.95	128.05 0.29 -124.76	60.72 1.01 -48.71	23.47 0.83 -13.91	38.16 0.39 -33.53	71.04 0.16 -69.07	31.54 0.22 -28.33	106.60 0.68 -97.05	37.10 0.45 -31.08	33.90 0.34 -29.27	28.95 0.11 -27.40	69.45 0.67 -59.98	52.03 0.01 -51.85	64.36 -0.48 -70.50	40.77 -0.12 -42.43	26.33 1.11 -12.15	21.25 1.52 -3.67
WOODARD__115KV_TB2 355635	7.69 -0.13 -1.37	-0.82 0.05 -2.51	1.19 0.02 -2.19	2.30 0.00 -2.05	2.44 -0.01 -1.98	1.60 0.01 -2.17	0.23 0.02 -3.09	2.10 0.00 -3.16	4.93 -0.04 -1.98	12.07 -0.16 -1.22	9.85 -0.13 -1.25	5.97 -0.07 -1.80	3.89 -0.02 -2.10	5.15 -0.04 -2.20	9.81 -0.13 -1.06	6.82 -0.08 -1.33	5.82 -0.05 -1.59	3.28 -0.02 -1.85	9.62 -0.11 -0.93	4.60 0.00 -4.43	-0.29 0.05 -5.33	1.01 0.02 -2.53	13.59 -0.20 -0.72	16.10 -0.20 -0.24
YORK___WARBASSE 23770	19.32 0.43 -12.44	19.20 -0.22 -22.79	18.87 -0.06 -19.95	18.90 0.02 -18.63	18.52 0.03 -18.02	19.08 -0.03 -19.69	25.07 -0.18 -28.14	27.78 -0.05 -28.90	21.37 0.21 -18.17	23.02 0.78 -11.23	20.75 0.62 -11.40	20.92 0.31 -16.37	21.13 0.13 -19.19	23.39 0.22 -20.17	19.26 0.69 -9.69	18.07 0.43 -12.08	19.05 0.33 -14.45	18.43 0.11 -16.88	17.87 0.60 -8.47	40.52 0.01 -40.34	42.48 -0.41 -48.56	21.38 -0.11 -23.03	20.52 0.91 -6.54	19.33 1.09 -2.18