

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/20/2023

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	20.26	19.48	18.89	19.42	19.52	19.50	19.10	19.57	19.15	19.01	21.72	24.58	28.70	25.99	27.32	27.15	24.78	23.30	25.06	27.09	23.66	26.53	21.44	63.83
24138	1.13	0.75	0.04	-0.17	-0.17	-0.18	-0.10	0.31	0.62	0.33	1.05	1.40	0.48	1.03	1.77	1.37	1.22	-0.40	-0.10	-0.06	0.17	-0.35	-0.15	-0.90
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-4.96	-22.02	-12.04	-2.82	-7.72	-7.82	-28.87	-26.35	-27.93	-21.32	-31.48	-23.58	-77.42
74TH STREET_GT_1	20.23	19.47	18.89	19.42	19.52	19.51	19.11	19.56	19.14	19.01	21.69	24.55	28.70	26.00	27.29	27.12	24.75	23.31	25.06	27.09	23.66	26.53	21.45	63.84
24260	1.10	0.74	0.03	-0.17	-0.17	-0.18	-0.10	0.30	0.60	0.32	1.03	1.37	0.48	1.04	1.74	1.35	1.20	-0.40	-0.09	-0.06	0.17	-0.35	-0.15	-0.89
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-4.96	-22.02	-12.04	-2.82	-7.72	-7.82	-28.87	-26.36	-27.93	-21.32	-31.48	-23.58	-77.42
74TH STREET_GT_2	20.23	19.47	18.89	19.42	19.52	19.51	19.11	19.56	19.14	19.01	21.69	24.55	28.70	26.00	27.29	27.12	24.75	23.31	25.06	27.09	23.66	26.53	21.45	63.84
24261	1.10	0.74	0.03	-0.17	-0.17	-0.18	-0.10	0.30	0.60	0.32	1.03	1.37	0.48	1.04	1.74	1.35	1.20	-0.40	-0.09	-0.06	0.17	-0.35	-0.15	-0.89
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-4.96	-22.02	-12.04	-2.82	-7.72	-7.82	-28.87	-26.36	-27.93	-21.32	-31.48	-23.58	-77.42
ADK HUDSON___FALLS	20.45	21.23	24.18	25.98	26.11	26.10	25.20	23.75	21.77	23.05	23.33	25.63	34.98	29.16	27.66	29.12	26.78	31.74	32.71	35.18	29.81	35.69	28.30	86.40
24011	1.04	0.67	0.04	-0.17	-0.17	-0.17	-0.10	0.30	0.57	0.27	0.87	1.01	0.35	0.71	1.30	1.11	0.96	-0.33	-0.08	-0.05	0.15	-0.31	-0.12	-0.74
	-1.27	-8.19	-23.54	-29.19	-29.32	-29.34	-26.99	-18.55	-11.77	-18.13	-7.97	-6.40	-28.44	-15.54	-3.64	-9.95	-10.08	-37.24	-33.99	-36.01	-27.49	-40.60	-30.40	-99.84
ADK RESOURCE___RCVRY	20.60	21.33	24.20	25.98	26.11	26.10	25.21	23.81	21.86	23.10	23.45	25.75	35.04	29.24	27.80	29.26	26.90	31.73	32.73	35.20	29.85	35.68	28.30	86.38
23798	1.18	0.76	0.04	-0.19	-0.19	-0.20	-0.11	0.34	0.66	0.31	0.98	1.12	0.38	0.77	1.44	1.24	1.07	-0.37	-0.09	-0.06	0.17	-0.35	-0.14	-0.86
	-1.27	-8.19	-23.56	-29.21	-29.35	-29.37	-27.01	-18.56	-11.78	-18.14	-7.98	-6.40	-28.47	-15.55	-3.64	-9.96	-10.09	-37.27	-34.02	-36.05	-27.52	-40.64	-30.43	-99.93
ADK S GLENS___FALLS	20.45	21.23	24.18	25.98	26.11	26.10	25.20	23.75	21.77	23.05	23.33	25.63	34.98	29.16	27.66	29.12	26.78	31.74	32.71	35.18	29.81	35.69	28.30	86.40
24028	1.04	0.67	0.04	-0.17	-0.17	-0.17	-0.10	0.30	0.57	0.27	0.87	1.01	0.35	0.71	1.30	1.11	0.96	-0.33	-0.08	-0.05	0.15	-0.31	-0.12	-0.74
	-1.27	-8.19	-23.54	-29.19	-29.32	-29.34	-26.99	-18.55	-11.77	-18.13	-7.97	-6.40	-28.44	-15.54	-3.64	-9.95	-10.08	-37.24	-33.99	-36.01	-27.49	-40.60	-30.40	-99.84
ADK_NYS___DAM	20.09	20.77	23.22	24.82	24.94	24.95	24.11	22.91	21.11	22.21	22.73	25.06	33.69	28.29	27.06	28.31	26.02	30.36	31.36	33.75	28.63	34.18	27.11	82.60
23527	0.72	0.53	0.03	-0.14	-0.14	-0.14	-0.07	0.23	0.40	0.19	0.59	0.70	0.24	0.46	0.84	0.70	0.61	-0.20	-0.04	-0.03	0.08	-0.17	-0.08	-0.51
	-1.22	-7.86	-22.58	-28.00	-28.13	-28.15	-25.87	-17.78	-11.29	-17.38	-7.64	-6.14	-27.27	-14.90	-3.49	-9.55	-9.68	-35.73	-32.61	-34.56	-26.38	-38.96	-29.17	-95.80
AIR_PRODUCTS___DRP	20.05	20.72	23.26	24.90	25.03	25.02	24.14	22.88	21.06	22.21	22.67	25.01	33.70	28.32	27.07	28.31	26.01	30.43	31.42	33.81	28.68	34.26	27.17	82.83
24190	0.68	0.47	0.02	-0.11	-0.11	-0.11	-0.06	0.18	0.34	0.17	0.53	0.65	0.22	0.48	0.85	0.68	0.58	-0.19	-0.04	-0.03	0.08	-0.17	-0.07	-0.45
	-1.22	-7.87	-22.63	-28.06	-28.19	-28.20	-25.89	-17.79	-11.30	-17.39	-7.65	-6.14	-27.29	-14.92	-3.50	-9.57	-9.69	-35.79	-32.67	-34.62	-26.43	-39.03	-29.23	-95.98
AKWESSNE_115KV_BK	17.83	12.17	0.60	-2.99	-3.00	-3.02	-1.66	4.84	9.28	4.58	14.30	17.97	6.09	12.69	22.34	17.77	15.50	-5.08	-1.19	-0.76	2.13	-4.51	-1.95	-12.53
355683	-0.32	-0.21	-0.01	0.05	0.05	0.05	0.03	-0.06	-0.13	-0.07	-0.20	-0.26	-0.10	-0.23	-0.39	-0.29	-0.23	0.09	0.02	0.02	-0.04	0.09	0.03	0.16
	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	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	20.05	20.72	23.26	24.90	25.03	25.02	24.14	22.88	21.06	22.21	22.67	25.01	33.70	28.32	27.07	28.31	26.01	30.43	31.42	33.81	28.68	34.26	27.17	82.83
23571	0.68	0.47	0.02	-0.11	-0.11	-0.11	-0.06	0.18	0.34	0.17	0.53	0.65	0.22	0.48	0.85	0.68	0.58	-0.19	-0.04	-0.03	0.08	-0.17	-0.07	-0.45
	-1.22	-7.87	-22.63	-28.06	-28.19	-28.20	-25.89	-17.79	-11.30	-17.39	-7.65	-6.14	-27.29	-14.92	-3.50	-9.57	-9.69	-35.79	-32.67	-34.62	-26.43	-39.03	-29.23	-95.98
ALBANY___2	20.05	20.72	23.26	24.90	25.03	25.02	24.14	22.88	21.06	22.21	22.67	25.01	33.70	28.32	27.07	28.31	26.01	30.43	31.42	33.81	28.68	34.26	27.17	82.83
23572	0.68	0.47	0.02	-0.11	-0.11	-0.11	-0.06	0.18	0.34	0.17	0.53	0.65	0.22	0.48	0.85	0.68	0.58	-0.19	-0.04	-0.03	0.08	-0.17	-0.07	-0.45
	-1.22	-7.87	-22.63	-28.06	-28.19	-28.20	-25.89	-17.79	-11.30	-17.39	-7.65	-6.14	-27.29	-14.92	-3.50	-9.57	-9.69	-35.79	-32.67	-34.62	-26.43	-39.03	-29.23	-95.98
ALBANY___3	20.05	20.72	23.26	24.90	25.03	25.02	24.14	22.88	21.06	22.21	22.67	25.01	33.70	28.32	27.07	28.31	26.01	30.43	31.42	33.81	28.68	34.26	27.17	82.83
23573	0.68	0.47	0.02	-0.11	-0.11	-0.11	-0.06	0.18	0.34	0.17	0.53	0.65	0.22	0.48	0.85	0.68	0.58	-0.19	-0.04	-0.03	0.08	-0.17	-0.07	-0.45
	-1.22	-7.87	-22.63	-28.06	-28.19	-28.20	-25.89	-17.79	-11.30	-17.39	-7.65	-6.14	-27.29	-14.92	-3.50	-9.57	-9.69	-35.79	-32.67	-34.62	-26.43	-39.03	-29.23	-95.98

ALBANY___4 23574	20.05 0.68 -1.22	20.72 0.47 -7.87	23.26 0.02 -22.63	24.90 -0.11 -28.06	25.03 -0.11 -28.19	25.02 -0.11 -28.20	24.14 -0.06 -25.89	22.88 0.18 -17.79	21.06 0.34 -11.30	22.21 0.17 -17.39	22.67 0.53 -7.65	25.01 0.65 -6.14	33.70 0.22 -27.29	28.32 0.48 -14.92	27.07 0.85 -3.50	28.31 0.68 -9.57	26.01 0.58 -9.69	30.43 -0.19 -35.79	31.42 -0.04 -32.67	33.81 -0.03 -34.62	28.68 0.08 -26.43	34.26 -0.17 -39.03	27.17 -0.07 -29.23	82.83 -0.45 -95.98
ALBANY___LFGE 323615	20.20 0.81 -1.24	20.94 0.56 -8.01	23.67 0.03 -23.03	25.38 -0.13 -28.56	25.51 -0.13 -28.69	25.50 -0.13 -28.70	24.61 -0.07 -26.37	23.25 0.22 -18.12	21.34 0.41 -11.51	22.56 0.20 -17.72	22.92 0.64 -7.79	25.27 0.79 -6.25	34.26 0.27 -27.80	28.70 0.58 -15.19	27.33 1.05 -3.56	28.63 0.83 -9.74	26.33 0.72 -9.87	31.02 -0.24 -36.43	32.00 -0.06 -33.25	34.42 -0.04 -35.24	29.17 0.10 -26.90	34.91 -0.21 -39.72	27.68 -0.09 -29.75	84.44 -0.55 -97.69
ALCOA_PA_115KV_PL-6C 55860	17.92 -0.23 0.00	12.23 -0.15 0.00	0.60 -0.01 0.00	-3.01 0.04 0.00	-3.01 0.03 0.00	-3.04 0.03 0.00	-1.67 0.02 0.00	4.87 -0.03 0.00	9.34 -0.08 0.00	4.60 -0.04 0.00	14.37 -0.12 0.00	18.06 -0.16 0.00	6.12 -0.08 0.00	12.74 -0.18 0.00	22.40 -0.33 0.00	17.82 -0.23 0.00	15.55 -0.19 0.00	-5.10 0.07 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.53 0.07 0.00	-1.97 0.02 0.00	-12.60 0.10 0.00
ALCOA_RYNLDS___DRP 24188	17.92 -0.23 0.00	12.23 -0.15 0.00	0.60 -0.01 0.00	-3.01 0.04 0.00	-3.01 0.03 0.00	-3.04 0.03 0.00	-1.67 0.02 0.00	4.87 -0.03 0.00	9.34 -0.08 0.00	4.60 -0.04 0.00	14.37 -0.12 0.00	18.06 -0.16 0.00	6.12 -0.08 0.00	12.74 -0.18 0.00	22.40 -0.33 0.00	17.82 -0.23 0.00	15.55 -0.19 0.00	-5.10 0.07 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.53 0.07 0.00	-1.97 0.02 0.00	-12.60 0.10 0.00
ALCOA___DSASP 323711	17.92 -0.23 0.00	12.23 -0.15 0.00	0.60 -0.01 0.00	-3.01 0.04 0.00	-3.01 0.03 0.00	-3.04 0.03 0.00	-1.67 0.02 0.00	4.87 -0.03 0.00	9.34 -0.08 0.00	4.60 -0.04 0.00	14.37 -0.12 0.00	18.06 -0.16 0.00	6.11 -0.08 0.00	12.74 -0.18 0.00	22.40 -0.33 0.00	17.82 -0.23 0.00	15.55 -0.18 0.00	-5.10 0.07 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.53 0.07 0.00	-1.96 0.02 0.00	-12.59 0.10 0.00
ALLEGHENY___COGEN 23514	18.30 -0.02 -0.18	13.41 -0.10 -1.13	3.84 -0.01 -3.24	0.97 -0.01 -4.01	0.95 -0.04 -4.03	0.94 -0.03 -4.04	2.00 -0.02 -3.71	7.54 0.08 -2.55	11.24 0.20 -1.62	7.26 0.13 -2.49	15.89 0.30 -1.10	19.59 0.49 -0.88	10.35 0.25 -3.91	15.62 0.56 -2.14	24.00 0.77 -0.50	19.91 0.48 -1.37	17.28 0.15 -1.39	-0.13 -0.08 -5.12	3.49 0.01 -4.68	4.18 0.00 -4.96	5.95 0.00 -3.78	0.79 -0.20 -5.59	2.17 -0.04 -4.18	0.92 -0.12 -13.74
ALTAMONT_115KV_TB 2 55880	19.98 0.61 -1.22	20.69 0.42 -7.89	23.32 0.02 -22.69	24.99 -0.10 -28.13	25.11 -0.10 -28.26	25.17 -0.11 -28.34	24.95 -0.08 -26.72	23.48 0.22 -18.36	21.48 0.41 -11.66	22.78 0.19 -17.95	22.97 0.59 -7.89	25.30 0.74 -6.33	34.59 0.24 -28.16	28.49 0.44 -15.13	26.99 0.75 -3.50	28.25 0.60 -9.59	25.97 0.52 -9.72	30.55 -0.17 -35.89	31.52 -0.04 -32.76	33.91 -0.03 -34.71	28.74 0.07 -26.50	34.38 -0.16 -39.13	27.26 -0.07 -29.31	83.13 -0.41 -96.24
ALTONA_WT_PWR 323606	18.22 0.07 0.00	12.30 -0.08 0.00	0.61 0.00 0.00	-3.01 0.03 0.00	-3.01 0.04 0.00	-3.05 0.02 0.00	-1.68 0.01 0.00	4.93 0.02 0.00	9.53 0.11 0.00	4.72 0.08 0.00	14.76 0.26 0.00	18.50 0.27 0.00	6.24 0.05 0.00	13.00 0.08 0.00	22.76 0.03 0.00	18.06 0.00 0.00	15.79 0.05 0.00	-5.21 -0.04 0.00	-1.21 -0.01 0.00	-0.78 0.00 0.00	2.18 0.02 0.00	-4.66 -0.06 0.00	-2.01 -0.02 0.00	-12.92 -0.23 0.00
AMERICAN_REF_FUEL 24010	17.11 -1.21 -0.17	12.61 -0.88 -1.11	3.73 -0.06 -3.18	1.04 0.13 -3.95	1.03 0.11 -3.96	1.03 0.12 -3.97	2.04 0.08 -3.64	7.13 -0.28 -2.51	10.42 -0.59 -1.59	6.79 -0.31 -2.45	14.52 -1.05 -1.08	17.71 -1.38 -0.86	9.64 -0.39 -3.84	14.11 -0.91 -2.10	21.56 -1.66 -0.49	18.00 -1.41 -1.35	15.81 -1.29 -1.36	0.24 0.38 -5.04	3.48 0.09 -4.60	4.14 0.05 -4.87	5.72 -0.17 -3.72	1.08 0.19 -5.49	2.25 0.12 -4.11	1.41 0.61 -13.50
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.18 -1.15 -0.19	12.76 -0.84 -1.23	4.08 -0.05 -3.53	1.47 0.14 -4.38	1.45 0.09 -4.40	1.43 0.10 -4.40	2.40 0.05 -4.04	7.55 -0.13 -2.78	10.96 -0.23 -1.76	7.31 -0.05 -2.71	15.49 -0.20 -1.19	18.91 -0.27 -0.96	10.41 -0.04 -4.26	14.98 -0.27 -2.33	22.55 -0.72 -0.55	18.79 -0.76 -1.49	16.32 -0.93 -1.51	0.68 0.27 -5.58	3.96 0.07 -5.09	4.66 0.04 -5.40	6.18 -0.11 -4.12	1.55 0.07 -6.09	2.64 0.07 -4.56	2.73 0.46 -14.97
ARTHUR_KILL_GT_1 23520	20.26 1.14 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.25	19.43 -0.15 -22.63	19.53 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.28 -14.04	21.59 0.92 -6.17	24.36 1.17 -4.97	28.64 0.42 -22.03	25.87 0.90 -12.05	27.08 1.52 -2.82	26.95 1.17 -7.73	24.60 1.03 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.96 -0.77 -77.42
ARTHUR_KILL_2 23512	20.22 1.09 -0.98	19.46 0.73 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.05 0.51 -9.12	18.96 0.27 -14.04	21.55 0.88 -6.17	24.32 1.13 -4.97	28.62 0.40 -22.03	25.84 0.87 -12.05	27.02 1.47 -2.82	26.91 1.13 -7.73	24.56 1.00 -7.83	23.37 -0.34 -28.88	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.58 -0.30 -31.48	21.47 -0.13 -23.58	63.99 -0.74 -77.42
ARTHUR_KILL_3 23513	20.03 0.90 -0.98	19.34 0.61 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.73	19.54 -0.14 -22.75	19.12 -0.08 -20.90	19.51 0.24 -14.36	19.02 0.49 -9.12	18.95 0.27 -14.04	21.51 0.84 -6.17	24.33 1.15 -4.96	28.61 0.39 -22.02	25.82 0.85 -12.04	27.00 1.45 -2.82	26.89 1.11 -7.72	24.55 0.99 -7.82	23.37 -0.34 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.63 0.14 -21.32	26.59 -0.29 -31.48	21.47 -0.13 -23.58	63.98 -0.74 -77.42
ARTHUR_KILL_COGEN 323718	20.26 1.14 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.25	19.43 -0.15 -22.63	19.53 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.28 -14.04	21.59 0.92 -6.17	24.36 1.17 -4.97	28.64 0.42 -22.03	25.87 0.90 -12.05	27.08 1.52 -2.82	26.95 1.17 -7.73	24.60 1.03 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.96 -0.77 -77.42
ASHOKAN____ 23654	20.12 0.89 -1.09	19.88 0.50 -7.00	20.75 0.02 -20.12	21.79 -0.11 -24.95	21.90 -0.11 -25.06	21.89 -0.12 -25.08	21.27 -0.07 -23.03	20.94 0.21 -15.83	19.88 0.41 -10.05	20.30 0.17 -15.48	21.90 0.60 -6.80	24.47 0.78 -5.46	30.73 0.25 -24.29	26.81 0.61 -13.28	27.06 1.22 -3.11	27.66 1.09 -8.51	25.38 1.01 -8.63	26.37 -0.32 -31.85	27.79 -0.07 -29.07	29.96 -0.05 -30.79	25.80 0.13 -23.50	29.89 -0.22 -34.71	23.91 -0.10 -25.99	72.08 -0.58 -85.36

ASTORIA_EAST_ENERGY_CC1 323581	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.95 -6.17	24.46 1.27 -4.97	28.65 0.43 -22.03	25.89 0.92 -12.05	27.15 1.60 -2.83	27.02 1.23 -7.73	24.65 1.09 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.82 -77.42
ASTORIA_EAST_ENERGY_CC2 323582	20.08 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.95 -6.17	24.46 1.27 -4.97	28.65 0.43 -22.03	25.89 0.92 -12.05	27.15 1.60 -2.83	27.02 1.23 -7.73	24.65 1.09 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.82 -77.42
ASTORIA_GT2_1 24094	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT2_2 24095	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT2_3 24096	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT2_4 24097	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT3_1 24098	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT3_2 24099	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT3_3 24100	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT3_4 24101	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT4_1 24102	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT4_2 24103	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT4_3 24104	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT4_4 24105	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA_GT_1 23523	20.12 0.99 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.11 0.57 -9.12	19.01 0.32 -14.04	21.65 0.98 -6.17	24.50 1.31 -4.97	28.66 0.44 -22.03	25.93 0.96 -12.05	27.20 1.65 -2.83	27.06 1.28 -7.73	24.69 1.13 -7.83	23.35 -0.36 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42

ASTORIA_GT_10 24110	20.18 1.06 -0.98	19.44 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	33.74 1.34 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.68 -2.83	27.09 1.31 -7.73	24.71 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
ASTORIA_GT_11 24225	20.18 1.06 -0.98	19.44 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	33.74 1.34 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.68 -2.83	27.09 1.31 -7.73	24.71 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
ASTORIA_GT_12 24226	20.18 1.06 -0.98	19.44 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	33.74 1.34 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.68 -2.83	27.09 1.31 -7.73	24.71 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
ASTORIA_GT_13 24227	20.18 1.06 -0.98	19.44 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	33.74 1.34 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.68 -2.83	27.09 1.31 -7.73	24.71 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
ASTORIA_GT_5 24106	20.12 0.99 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.11 0.57 -9.12	19.01 0.32 -14.04	21.65 0.98 -6.17	24.50 1.31 -4.97	28.66 0.44 -22.03	25.93 0.96 -12.05	27.20 1.65 -2.83	27.06 1.28 -7.73	24.69 1.13 -7.83	23.35 -0.36 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
ASTORIA_GT_7 24107	20.12 0.99 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.11 0.57 -9.12	19.01 0.32 -14.04	21.65 0.98 -6.17	24.50 1.31 -4.97	28.66 0.44 -22.03	25.93 0.96 -12.05	27.20 1.65 -2.83	27.06 1.28 -7.73	24.69 1.13 -7.83	23.35 -0.36 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
ASTORIA_GT_8 24108	20.12 0.99 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.11 0.57 -9.12	19.01 0.32 -14.04	21.65 0.98 -6.17	24.50 1.31 -4.97	28.66 0.44 -22.03	25.93 0.96 -12.05	27.20 1.65 -2.83	27.06 1.28 -7.73	24.69 1.13 -7.83	23.35 -0.36 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
ASTORIA___2 24149	20.09 0.96 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.26 -14.36	19.09 0.55 -9.12	19.00 0.31 -14.04	21.62 0.96 -6.17	24.47 1.28 -4.97	28.65 0.43 -22.03	25.90 0.93 -12.05	27.16 1.61 -2.83	27.03 1.24 -7.73	24.66 1.09 -7.83	23.36 -0.35 -28.88	25.06 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
ASTORIA___3 23516	20.18 1.06 -0.98	19.44 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	33.74 1.34 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.68 -2.83	27.09 1.31 -7.73	24.71 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
ASTORIA___4 23517	20.19 1.06 -0.98	19.44 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	33.74 1.34 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.09 1.31 -7.73	24.72 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
ASTORIA___5 23518	20.18 1.06 -0.98	19.44 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	33.74 1.34 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.68 -2.83	27.09 1.31 -7.73	24.71 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
AST_ENERGY_2_CC3 323677	20.08 0.95 -0.98	19.36 0.63 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.54 -0.14 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.05 0.51 -9.12	18.96 0.28 -14.04	21.55 0.88 -6.17	24.38 1.20 -4.96	28.62 0.41 -22.02	25.85 0.88 -12.04	27.06 1.51 -2.82	26.94 1.17 -7.72	24.60 1.04 -7.82	23.36 -0.35 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.58 -0.30 -31.48	21.46 -0.13 -23.58	63.95 -0.77 -77.42
AST_ENERGY_2_CC4 323678	20.08 0.95 -0.98	19.36 0.63 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.54 -0.14 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.05 0.51 -9.12	18.96 0.28 -14.04	21.55 0.88 -6.17	24.38 1.20 -4.96	28.62 0.41 -22.02	25.85 0.88 -12.04	27.06 1.51 -2.82	26.94 1.17 -7.72	24.60 1.04 -7.82	23.36 -0.35 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.58 -0.30 -31.48	21.46 -0.13 -23.58	63.95 -0.77 -77.42
ATHENS_STG_1 23668	19.84 0.59 -1.11	19.91 0.40 -7.14	21.15 0.02 -20.52	22.31 -0.10 -25.45	22.42 -0.10 -25.56	22.41 -0.10 -25.57	21.75 -0.05 -23.49	21.21 0.16 -16.15	19.97 0.30 -10.25	20.58 0.15 -15.78	21.91 0.47 -6.94	24.40 0.60 -5.57	31.16 0.21 -24.76	26.91 0.45 -13.54	26.67 0.77 -3.17	27.33 0.60 -8.68	25.04 0.51 -8.79	27.13 -0.17 -32.46	28.39 -0.04 -29.63	30.59 -0.03 -31.40	26.21 0.07 -23.97	30.65 -0.15 -35.40	24.46 -0.07 -26.51	73.95 -0.41 -87.05
ATHENS_STG_2 23670	19.84 0.59 -1.11	19.91 0.40 -7.14	21.15 0.02 -20.52	22.31 -0.10 -25.45	22.42 -0.10 -25.56	22.41 -0.10 -25.57	21.75 -0.05 -23.49	21.21 0.16 -16.15	19.97 0.30 -10.25	20.58 0.15 -15.78	21.91 0.47 -6.94	24.40 0.60 -5.57	31.16 0.21 -24.76	26.91 0.45 -13.54	26.67 0.77 -3.17	27.33 0.60 -8.68	25.04 0.51 -8.79	27.13 -0.17 -32.46	28.39 -0.04 -29.63	30.59 -0.03 -31.40	26.21 0.07 -23.97	30.65 -0.15 -35.40	24.46 -0.07 -26.51	73.95 -0.41 -87.05

ATHENS_STG_3 23677	19.84 0.59 -1.11	19.91 0.40 -7.14	21.15 0.02 -20.52	22.31 -0.10 -25.45	22.42 -0.10 -25.56	22.41 -0.10 -25.57	21.75 -0.05 -23.49	21.21 0.16 -16.15	19.97 0.30 -10.25	20.58 0.15 -15.78	21.91 0.47 -6.94	24.40 0.60 -5.57	31.16 0.21 -24.76	26.91 0.45 -13.54	26.67 0.77 -3.17	27.33 0.60 -8.68	25.04 0.51 -8.79	27.13 -0.17 -32.46	28.39 -0.04 -29.63	30.59 -0.03 -31.40	26.21 0.07 -23.97	30.65 -0.15 -35.40	24.46 -0.07 -26.51	73.95 -0.41 -87.05
AUBURN____LFGE 323710	18.38 0.09 -0.14	13.30 -0.01 -0.93	3.29 0.00 -2.68	0.27 -0.01 -3.32	0.29 0.00 -3.34	0.26 -0.01 -3.34	1.37 -0.01 -3.07	7.04 0.02 -2.11	10.82 0.06 -1.34	6.75 0.05 -2.06	15.55 0.15 -0.91	19.12 0.16 -0.73	9.50 0.08 -3.23	14.82 0.13 -1.77	23.40 0.26 -0.41	19.44 0.25 -1.13	16.99 0.10 -1.15	-0.98 -0.04 -4.24	2.66 -0.01 -3.87	3.31 -0.01 -4.10	5.32 0.02 -3.13	-0.06 -0.07 -4.62	1.47 -0.01 -3.46	-1.39 -0.05 -11.36
BABYLON_RES_REC 323704	20.43 1.30 -0.98	19.57 0.84 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.50 -0.19 -22.74	19.49 -0.20 -22.75	19.10 -0.11 -20.90	19.57 0.30 -14.36	19.21 0.68 -9.12	19.07 0.39 -14.04	24.81 1.30 -9.02	24.88 1.62 -5.03	28.76 0.54 -22.03	26.22 1.18 -12.12	40.52 2.14 -15.65	39.64 1.69 -19.89	26.33 1.47 -9.12	67.97 -0.49 -73.63	26.25 -0.11 -27.57	27.75 -0.07 -28.60	23.94 0.21 -21.57	27.14 -0.42 -32.16	21.49 -0.18 -23.65	63.77 -0.98 -77.44
BABYLON__69_KV_BK2 356345	20.61 1.49 -0.98	19.70 0.97 -6.35	18.91 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.08 -0.13 -20.90	19.62 0.35 -14.36	19.31 0.78 -9.12	19.12 0.44 -14.04	24.97 1.45 -9.02	25.08 1.82 -5.03	28.83 0.61 -22.03	26.37 1.33 -12.12	40.79 2.41 -15.65	39.87 1.92 -19.89	26.55 1.66 -9.15	67.91 -0.56 -73.63	28.85 -0.13 -30.18	29.19 -0.08 -30.05	24.47 0.23 -22.07	28.52 -0.47 -33.60	21.62 -0.19 -23.79	63.66 -1.09 -77.44
BARON_WINDS____WT_PWR 323822	17.61 -0.78 -0.24	13.34 -0.60 -1.56	5.05 -0.03 -4.48	2.62 0.11 -5.55	2.62 0.09 -5.58	2.60 0.09 -5.58	3.49 0.05 -5.13	8.26 -0.17 -3.52	11.36 -0.30 -2.24	7.98 -0.11 -3.44	15.64 -0.37 -1.51	19.12 -0.32 -1.22	11.51 -0.09 -5.40	15.76 -0.12 -2.95	23.14 -0.28 -0.69	19.69 -0.26 -1.89	17.34 -0.32 -1.92	2.02 0.10 -7.08	5.31 0.05 -6.46	6.10 0.03 -6.85	7.32 -0.08 -5.23	3.22 0.10 -7.72	3.87 0.07 -5.78	6.78 0.49 -18.99
BARRETT_IC_1 23704	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_10 23701	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_11 23702	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_12 23703	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_2 23705	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_3 23706	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_4 23707	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_5 23708	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_6 23709	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_7 23710	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44

BARRETT_IC_8 23711	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT_IC_9 23700	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT___1 23545	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BARRETT___2 23546	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.41 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.16 0.62 -9.12	19.03 0.35 -14.04	24.71 1.19 -9.02	24.69 1.44 -5.03	28.68 0.46 -22.03	26.05 1.00 -12.12	40.20 1.82 -15.65	39.34 1.40 -19.89	26.05 1.21 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.68 0.17 -21.34	26.55 -0.35 -31.49	21.45 -0.15 -23.58	63.94 -0.81 -77.44
BATAVIA___115KV_TB1 55881	17.71 -0.60 -0.17	12.99 -0.46 -1.08	3.67 -0.04 -3.10	0.84 0.04 -3.85	0.85 0.03 -3.86	0.84 0.04 -3.87	1.89 0.03 -3.55	7.22 -0.12 -2.44	10.70 -0.27 -1.55	6.89 -0.14 -2.39	15.05 -0.50 -1.05	18.39 -0.68 -0.84	9.78 -0.16 -3.75	14.52 -0.45 -2.05	22.39 -0.81 -0.48	18.64 -0.73 -1.31	16.37 -0.69 -1.33	-0.08 0.18 -4.91	3.33 0.05 -4.48	4.00 0.03 -4.75	5.70 -0.09 -3.62	0.77 0.02 -5.35	2.07 0.05 -4.01	0.71 0.25 -13.16
BAYONEEC___CTG1 323682	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG10 323750	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG2 323683	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG3 323684	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG4 323685	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG5 323686	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG6 323687	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG7 323688	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG8 323689	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
BAYONEEC___CTG9 323749	20.11 0.98 -0.98	19.38 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.97 0.29 -14.04	21.57 0.91 -6.17	24.40 1.22 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.55 -2.82	26.97 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42

BEACON___LESR 323632	20.20 0.83 -1.22	20.78 0.54 -7.86	23.22 0.02 -22.58	24.84 -0.13 -28.00	24.96 -0.13 -28.14	24.93 -0.15 -28.15	24.08 -0.07 -25.85	22.90 0.23 -17.76	21.11 0.42 -11.28	22.21 0.20 -17.36	22.78 0.65 -7.63	25.13 0.78 -6.13	33.70 0.27 -27.25	28.37 0.55 -14.90	27.27 1.05 -3.49	28.43 0.82 -9.55	26.17 0.75 -9.68	30.33 -0.23 -35.73	31.36 -0.05 -32.61	33.74 -0.04 -34.56	28.65 0.10 -26.38	34.14 -0.21 -38.96	27.11 -0.09 -29.18	82.57 -0.54 -95.81
BEAVER RIVER___HYD 24048	17.60 -0.59 -0.05	12.38 -0.30 -0.30	1.47 -0.01 -0.87	-1.89 0.08 -1.08	-1.90 0.06 -1.09	-1.92 0.06 -1.09	-0.67 0.02 -1.00	5.54 -0.06 -0.69	9.76 -0.10 -0.44	5.26 -0.05 -0.67	14.64 -0.15 -0.29	18.29 -0.17 -0.24	7.09 -0.15 -1.05	13.13 -0.37 -0.58	22.48 -0.38 -0.13	18.33 -0.10 -0.37	16.00 -0.11 -0.37	-3.74 0.05 -1.38	0.05 -0.01 -1.26	0.55 0.00 -1.34	3.21 0.03 -1.02	-3.02 0.08 -1.50	-0.80 0.06 -1.13	-8.66 0.33 -3.70
BEEBEE_GT_13 23619	17.85 -0.44 -0.14	12.94 -0.33 -0.89	3.15 -0.02 -2.56	0.18 0.05 -3.18	0.19 0.04 -3.19	0.17 0.04 -3.19	1.27 0.03 -2.93	6.84 -0.08 -2.02	10.52 -0.18 -1.28	6.53 -0.08 -1.97	15.04 -0.32 -0.87	18.51 -0.42 -0.70	9.19 -0.09 -3.09	14.37 -0.24 -1.69	22.64 -0.48 -0.39	18.69 -0.45 -1.08	16.38 -0.45 -1.10	-1.00 0.12 -4.06	2.53 0.03 -3.70	3.15 0.01 -3.92	5.10 -0.06 -2.99	-0.17 0.01 -4.42	1.36 0.03 -3.31	-1.62 0.21 -10.87
BENSHRST_27_KV_BENSHRST_1 355998	20.30 1.17 -0.98	19.51 0.78 -6.35	18.89 0.04 -18.25	19.42 -0.17 -22.63	19.52 -0.17 -22.73	19.50 -0.18 -22.75	19.10 -0.10 -20.90	19.57 0.30 -14.36	19.15 0.61 -9.12	19.02 0.33 -14.04	21.71 1.04 -6.17	33.80 1.40 -14.17	28.71 0.49 -22.03	26.02 1.05 -12.05	27.36 1.81 -2.83	27.18 1.40 -7.73	24.79 1.24 -7.83	23.30 -0.41 -28.88	25.06 -0.10 -26.36	27.09 -0.06 -27.93	23.67 0.18 -21.32	26.52 -0.36 -31.48	21.44 -0.15 -23.58	63.82 -0.91 -77.42
BETHLEHEM___GRP 23843	20.05 0.68 -1.22	20.72 0.47 -7.87	23.26 0.02 -22.63	24.90 -0.11 -28.06	25.03 -0.11 -28.19	25.02 -0.11 -28.20	24.14 -0.06 -25.89	22.88 0.18 -17.79	21.06 0.34 -11.30	22.21 0.17 -17.39	22.67 0.53 -7.65	25.01 0.65 -6.14	33.70 0.22 -27.29	28.32 0.48 -14.92	27.07 0.85 -3.50	28.31 0.68 -9.57	26.01 0.58 -9.69	30.43 -0.19 -35.79	31.42 -0.04 -32.67	33.81 -0.03 -34.62	28.68 0.08 -26.43	34.26 -0.17 -39.03	27.17 -0.07 -29.23	82.83 -0.45 -95.98
BETHLEHEM___GS1 323560	20.05 0.68 -1.22	20.72 0.47 -7.87	23.26 0.02 -22.63	24.90 -0.11 -28.06	25.03 -0.11 -28.19	25.02 -0.11 -28.20	24.14 -0.06 -25.89	22.88 0.18 -17.79	21.06 0.34 -11.30	22.21 0.17 -17.39	22.67 0.53 -7.65	25.01 0.65 -6.14	33.70 0.22 -27.29	28.32 0.48 -14.92	27.08 0.85 -3.50	28.31 0.68 -9.57	26.01 0.58 -9.69	30.43 -0.19 -35.79	31.42 -0.04 -32.67	33.81 -0.03 -34.62	28.68 0.08 -26.43	34.26 -0.17 -39.03	27.17 -0.07 -29.23	82.83 -0.45 -95.98
BETHLEHEM___GS2 323561	20.05 0.68 -1.22	20.72 0.47 -7.87	23.26 0.02 -22.63	24.90 -0.11 -28.06	25.03 -0.11 -28.19	25.02 -0.11 -28.20	24.14 -0.06 -25.89	22.88 0.18 -17.79	21.06 0.34 -11.30	22.21 0.17 -17.39	22.67 0.53 -7.65	25.01 0.65 -6.14	33.70 0.22 -27.29	28.32 0.48 -14.92	27.08 0.85 -3.50	28.31 0.68 -9.57	26.01 0.58 -9.69	30.43 -0.19 -35.79	31.42 -0.04 -32.67	33.81 -0.03 -34.62	28.68 0.08 -26.43	34.26 -0.17 -39.03	27.17 -0.07 -29.23	82.83 -0.45 -95.98
BETHLEHEM___GS3 323562	20.05 0.68 -1.22	20.72 0.47 -7.87	23.26 0.02 -22.63	24.90 -0.11 -28.06	25.03 -0.11 -28.19	25.02 -0.11 -28.20	24.14 -0.06 -25.89	22.88 0.18 -17.79	21.06 0.34 -11.30	22.21 0.17 -17.39	22.67 0.53 -7.65	25.01 0.65 -6.14	33.70 0.22 -27.29	28.32 0.48 -14.92	27.08 0.85 -3.50	28.31 0.68 -9.57	26.01 0.58 -9.69	30.43 -0.19 -35.79	31.42 -0.04 -32.67	33.81 -0.03 -34.62	28.68 0.08 -26.43	34.26 -0.17 -39.03	27.17 -0.07 -29.23	82.83 -0.45 -95.98
BETHLEHEM___STEEL 23779	17.63 -0.70 -0.18	13.02 -0.55 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.26 0.05 -4.25	1.24 0.05 -4.25	2.25 0.04 -3.91	7.46 -0.12 -2.68	10.83 -0.29 -1.70	7.14 -0.13 -2.62	15.16 -0.49 -1.15	18.54 -0.62 -0.93	10.17 -0.14 -4.12	14.78 -0.39 -2.25	22.49 -0.76 -0.53	18.77 -0.73 -1.44	16.46 -0.74 -1.46	0.43 0.20 -5.40	3.77 0.05 -4.93	4.46 0.03 -5.22	6.05 -0.10 -3.99	1.33 0.05 -5.88	2.48 0.05 -4.40	2.08 0.30 -14.47
BETHLHEM_115KV_TB1 79974	20.03 0.66 -1.22	20.70 0.46 -7.87	23.25 0.02 -22.62	24.90 -0.11 -28.05	25.02 -0.11 -28.18	25.01 -0.11 -28.19	24.13 -0.06 -25.88	22.87 0.18 -17.79	21.04 0.33 -11.29	22.19 0.16 -17.38	22.65 0.51 -7.64	24.99 0.63 -6.14	33.68 0.21 -27.28	28.30 0.47 -14.92	27.05 0.83 -3.49	28.28 0.66 -9.56	25.99 0.56 -9.69	30.43 -0.19 -35.78	31.41 -0.04 -32.66	33.80 -0.03 -34.61	28.67 0.08 -26.42	34.25 -0.17 -39.02	27.17 -0.07 -29.22	82.81 -0.44 -95.95
BETHPAGE_CC_5 323564	20.41 1.28 -0.98	19.56 0.83 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.57 0.30 -14.36	19.19 0.65 -9.12	19.05 0.37 -14.04	24.74 1.23 -9.02	24.77 1.51 -5.03	28.72 0.50 -22.03	26.14 1.10 -12.12	40.37 2.00 -15.65	39.52 1.58 -19.89	26.21 1.37 -9.10	68.00 -0.46 -73.63	25.05 -0.10 -26.36	27.09 -0.07 -27.94	23.70 0.19 -21.34	26.50 -0.39 -31.49	21.43 -0.17 -23.58	63.79 -0.96 -77.44
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.69 -0.64 -0.19	13.07 -0.50 -1.20	4.02 -0.04 -3.45	1.30 0.06 -4.28	1.30 0.04 -4.30	1.28 0.05 -4.30	2.29 0.03 -3.95	7.51 -0.11 -2.72	10.89 -0.26 -1.72	7.18 -0.12 -2.65	15.23 -0.44 -1.17	18.62 -0.54 -0.94	10.24 -0.12 -4.17	14.86 -0.34 -2.28	22.59 -0.67 -0.53	18.86 -0.66 -1.46	16.54 -0.68 -1.48	0.47 0.18 -5.46	3.83 0.05 -4.98	4.52 0.02 -5.28	6.10 -0.09 -4.03	1.38 0.03 -5.95	2.52 0.04 -4.46	2.21 0.27 -14.64
BINGHAMTON___COGEN 23790	18.60 0.13 -0.33	14.54 0.04 -2.12	6.71 0.00 -6.10	4.51 -0.02 -7.57	4.53 -0.03 -7.61	4.52 -0.03 -7.61	5.29 -0.01 -6.99	9.74 0.03 -4.80	12.54 0.07 -3.05	9.38 0.04 -4.70	16.67 0.10 -2.07	20.03 0.15 -1.66	13.62 0.06 -7.37	17.10 0.15 -4.03	23.87 0.21 -0.94	20.83 0.19 -2.58	18.50 0.14 -2.62	4.43 -0.06 -9.66	7.60 -0.01 -8.82	8.55 -0.01 -9.34	9.32 0.02 -7.13	5.85 -0.07 -10.53	5.89 -0.02 -7.89	13.11 -0.09 -25.90
BIXINCNT_115KV_LOAD 355685	17.76 -0.58 -0.20	13.19 -0.45 -1.26	4.20 -0.04 -3.63	1.52 0.07 -4.50	1.52 0.05 -4.52	1.50 0.05 -4.52	2.49 0.03 -4.15	7.67 -0.09 -2.85	11.03 -0.20 -1.81	7.38 -0.05 -2.79	15.56 -0.17 -1.23	19.08 -0.13 -0.99	10.57 0.00 -4.38	15.24 -0.07 -2.39	23.07 -0.21 -0.56	19.17 -0.42 -1.53	16.73 -0.56 -1.55	0.71 0.15 -5.74	4.08 0.05 -5.24	4.79 0.02 -5.55	6.31 -0.09 -4.23	1.70 0.05 -6.25	2.75 0.05 -4.68	3.04 0.35 -15.38
BLACK RIVER___HYD 24047	17.64 -0.57 -0.06	12.50 -0.29 -0.42	1.80 -0.01 -1.20	-1.48 0.07 -1.49	-1.49 0.06 -1.50	-1.51 0.05 -1.50	-0.30 0.02 -1.38	5.82 -0.03 -0.95	9.95 -0.07 -0.60	5.54 -0.03 -0.92	14.87 -0.03 -0.41	18.48 -0.08 -0.33	7.52 -0.12 -1.45	13.42 -0.29 -0.79	22.70 -0.22 -0.19	18.64 0.07 -0.51	16.22 -0.04 -0.52	-3.25 0.02 -1.90	0.51 -0.02 -1.74	1.05 -0.01 -1.84	3.62 0.04 -1.41	-2.45 0.07 -2.08	-0.37 0.06 -1.56	-7.22 0.38 -5.10

BLACKRVR_115KV_TB2 79977	17.64 -0.57 -0.06	12.50 -0.29 -0.42	1.80 -0.01 -1.20	-1.48 0.07 -1.49	-1.49 0.06 -1.50	-1.51 0.05 -1.50	-0.30 0.02 -1.38	5.82 -0.03 -0.95	9.95 -0.07 -0.60	5.54 -0.03 -0.92	14.87 -0.03 -0.41	18.48 -0.08 -0.33	7.52 -0.12 -1.45	13.42 -0.29 -0.79	22.69 -0.22 -0.19	18.64 0.07 -0.51	16.22 -0.04 -0.52	-3.25 0.02 -1.90	0.51 -0.02 -1.74	1.05 -0.01 -1.84	3.62 0.04 -1.41	-2.45 0.07 -2.08	-0.37 0.06 -1.56	-7.25 0.34 -5.10
BLISS_WT_PWR 323608	17.64 -0.70 -0.20	13.13 -0.51 -1.26	4.20 -0.04 -3.63	1.54 0.08 -4.50	1.53 0.06 -4.52	1.52 0.07 -4.52	2.49 0.03 -4.15	7.65 -0.11 -2.85	10.98 -0.24 -1.81	7.38 -0.06 -2.79	15.57 -0.15 -1.23	19.12 -0.09 -0.99	10.58 0.02 -4.38	15.27 -0.05 -2.39	23.10 -0.18 -0.56	19.15 -0.44 -1.53	16.68 -0.61 -1.55	0.73 0.16 -5.74	4.09 0.06 -5.24	4.79 0.02 -5.55	6.30 -0.10 -4.23	1.73 0.08 -6.25	2.76 0.07 -4.68	3.11 0.43 -15.38
BLUE_CIRC_CHEM_DRP 24182	20.07 0.73 -1.20	20.61 0.49 -7.73	22.87 0.02 -22.24	24.41 -0.12 -27.57	24.53 -0.12 -27.70	24.52 -0.13 -27.71	23.68 -0.07 -25.44	22.58 0.20 -17.48	20.88 0.37 -11.10	21.91 0.17 -17.09	22.55 0.54 -7.51	24.90 0.64 -6.03	33.22 0.22 -26.81	28.08 0.49 -14.67	27.02 0.86 -3.44	28.15 0.69 -9.40	25.86 0.59 -9.53	29.82 -0.20 -35.18	30.87 -0.04 -32.12	33.22 -0.03 -34.03	28.23 0.08 -25.98	33.59 -0.17 -38.36	26.67 -0.07 -28.73	81.16 -0.48 -94.34
BOC_GAS_DRP 24189	19.92 0.56 -1.22	20.61 0.38 -7.85	23.21 0.02 -22.58	24.86 -0.09 -28.00	24.98 -0.09 -28.12	24.97 -0.09 -28.14	24.07 -0.05 -25.81	22.80 0.15 -17.74	20.96 0.28 -11.26	22.12 0.14 -17.34	22.55 0.43 -7.62	24.88 0.54 -6.12	33.58 0.18 -27.21	28.21 0.40 -14.89	26.92 0.71 -3.49	28.16 0.56 -9.55	25.88 0.47 -9.67	30.39 -0.16 -35.72	31.36 -0.04 -32.60	33.74 -0.02 -34.55	28.61 0.07 -26.37	34.20 -0.14 -38.95	27.12 -0.06 -29.16	82.70 -0.38 -95.77
BOONVILLE_115KV_TB1 79983	18.10 -0.09 -0.04	12.62 -0.02 -0.27	1.37 0.00 -0.76	-2.09 0.00 -0.94	-2.10 0.00 -0.95	-2.12 0.00 -0.95	-0.82 -0.01 -0.87	5.53 0.02 -0.60	9.84 0.04 -0.38	5.24 0.01 -0.59	14.78 0.03 -0.26	18.49 0.05 -0.21	7.08 -0.03 -0.92	13.34 -0.09 -0.50	22.87 0.03 -0.12	18.51 0.13 -0.32	16.20 0.13 -0.33	-4.00 -0.04 -1.21	-0.12 -0.02 -1.10	0.37 -0.01 -1.17	3.10 0.04 -0.89	-3.30 -0.02 -1.32	-0.99 0.01 -0.99	-9.46 0.00 -3.24
BORALEX_4TH_BRANCH 23824	20.09 0.72 -1.22	20.77 0.53 -7.86	23.22 0.03 -22.58	24.82 -0.14 -28.00	24.94 -0.14 -28.13	24.95 -0.14 -28.15	24.11 -0.07 -25.87	22.91 0.23 -17.78	21.11 0.40 -11.29	22.21 0.19 -17.38	22.73 0.59 -7.64	25.06 0.70 -6.14	33.69 0.24 -27.27	28.29 0.46 -14.90	27.06 0.84 -3.49	28.31 0.70 -9.55	26.02 0.61 -9.68	30.36 -0.20 -35.73	31.36 -0.04 -32.61	33.75 -0.03 -34.56	28.63 0.08 -26.38	34.18 -0.17 -38.96	27.11 -0.08 -29.17	82.60 -0.51 -95.80
BOWLINE___1 23526	19.97 0.88 -0.95	19.11 0.59 -6.15	18.31 0.03 -17.67	18.74 -0.13 -21.92	18.84 -0.13 -22.02	18.82 -0.14 -22.03	18.47 -0.08 -20.24	19.04 0.23 -13.91	18.71 0.47 -8.83	18.49 0.25 -13.59	21.27 0.80 -5.97	24.08 1.06 -4.80	27.89 0.37 -21.33	25.38 0.80 -11.66	26.81 1.36 -2.73	26.58 1.04 -7.47	24.24 0.93 -7.57	22.48 -0.31 -27.96	24.24 -0.07 -25.52	26.22 -0.05 -27.04	22.95 0.14 -20.64	25.61 -0.28 -30.49	20.73 -0.12 -22.83	61.58 -0.70 -74.97
BOWLINE___2 23595	19.98 0.88 -0.95	19.11 0.59 -6.15	18.31 0.03 -17.68	18.74 -0.13 -21.92	18.84 -0.13 -22.02	18.83 -0.14 -22.03	18.47 -0.08 -20.24	19.04 0.23 -13.91	18.71 0.47 -8.83	18.49 0.25 -13.59	21.28 0.80 -5.97	24.08 1.06 -4.80	27.89 0.37 -21.33	25.38 0.80 -11.66	26.82 1.36 -2.73	26.58 1.04 -7.48	24.24 0.93 -7.57	22.48 -0.31 -27.96	24.25 -0.07 -25.53	26.22 -0.05 -27.05	22.95 0.14 -20.65	25.61 -0.28 -30.49	20.73 -0.12 -22.83	61.59 -0.70 -74.98
BRADY___115KV_TB2 356060	18.00 -0.14 0.00	12.29 -0.09 0.00	0.61 0.00 0.00	-3.02 0.02 0.00	-3.03 0.02 0.00	-3.05 0.02 0.00	-1.68 0.01 0.00	4.91 0.00 0.00	9.40 -0.02 0.00	4.63 -0.02 0.00	14.46 -0.03 0.00	18.18 -0.04 0.00	6.15 -0.04 0.00	12.80 -0.13 0.00	22.46 -0.27 0.00	17.90 -0.15 0.00	15.64 -0.10 0.00	-5.12 0.05 0.00	-1.20 0.01 0.00	-0.77 0.01 0.00	2.15 -0.02 0.00	-4.56 0.04 0.00	-1.98 0.01 0.00	-12.67 0.03 0.00
BRANSCOMB___SOLAR 323811	20.29 0.88 -1.26	21.10 0.59 -8.12	24.00 0.03 -23.36	25.78 -0.14 -28.96	25.90 -0.14 -29.10	25.90 -0.15 -29.12	25.00 -0.08 -26.78	23.56 0.25 -18.40	21.57 0.47 -11.68	22.85 0.22 -17.98	23.11 0.71 -7.91	25.42 0.84 -6.35	34.70 0.29 -28.22	28.94 0.60 -15.42	27.44 1.10 -3.61	28.85 0.92 -9.88	26.54 0.80 -10.01	31.52 -0.27 -36.96	32.46 -0.06 -33.73	34.92 -0.04 -35.74	29.57 0.12 -27.29	35.44 -0.25 -40.29	28.09 -0.11 -30.17	85.76 -0.63 -99.09
BRENTWOD_69_KV_W. BRTWOOD 56703	20.54 1.41 -0.98	19.65 0.91 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.33 -14.36	19.27 0.74 -9.12	19.10 0.41 -14.04	24.88 1.37 -9.02	24.98 1.73 -5.03	28.79 0.57 -22.03	26.29 1.25 -12.12	40.66 2.28 -15.65	39.77 1.82 -19.89	26.46 1.57 -9.15	67.93 -0.53 -73.63	28.93 -0.12 -30.25	29.23 -0.08 -30.09	24.46 0.22 -22.08	28.60 -0.44 -33.64	21.63 -0.18 -23.80	63.72 -1.03 -77.44
BRISTLHL_115KV_TB1 79998	17.95 -0.29 -0.10	12.83 -0.20 -0.65	2.47 -0.01 -1.87	-0.67 0.05 -2.32	-0.66 0.06 -2.33	-0.68 0.06 -2.33	0.48 0.03 -2.14	6.28 -0.10 -1.47	10.17 -0.18 -0.93	5.99 -0.10 -1.44	14.82 -0.31 -0.63	18.33 -0.40 -0.51	8.32 -0.12 -2.26	13.90 -0.26 -1.23	22.55 -0.46 -0.29	18.47 -0.37 -0.79	16.18 -0.36 -0.80	-2.11 0.11 -2.96	1.52 0.03 -2.70	2.09 0.01 -2.86	4.30 -0.05 -2.18	-1.30 0.07 -3.22	0.47 0.05 -2.42	-4.47 0.30 -7.93
BROOKHAVEN___DRP 24191	20.53 1.40 -0.98	19.64 0.91 -6.35	18.90 0.04 -18.26	19.39 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.32 -14.36	19.28 0.74 -9.12	19.11 0.42 -14.04	24.90 1.38 -9.02	25.00 1.74 -5.03	28.80 0.58 -22.03	26.34 1.30 -12.12	40.75 2.37 -15.65	39.84 1.89 -19.89	26.72 1.64 -9.34	67.92 -0.55 -73.64	43.60 -0.13 -44.93	37.35 -0.08 -38.21	27.28 0.23 -24.89	36.65 -0.47 -41.72	22.43 -0.18 -24.60	63.76 -0.99 -77.44
BROOKLYN_NAVY_YARD 23515	20.09 0.96 -0.98	19.37 0.65 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.26 -14.36	19.06 0.52 -9.12	18.97 0.29 -14.04	21.56 0.89 -6.17	24.40 1.22 -4.96	28.62 0.41 -22.02	25.85 0.89 -12.04	27.07 1.52 -2.82	26.95 1.17 -7.72	24.60 1.04 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.09 -0.05 -27.92	23.63 0.15 -21.31	26.57 -0.30 -31.48	21.46 -0.13 -23.58	63.93 -0.79 -77.42
BROOKLYN___ARMY_DRP 323595	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.10 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.84 -77.42

BROOKVLE_69_KV_TB1 55790	20.35 1.22 -0.98	19.53 0.80 -6.35	18.90 0.04 -18.26	19.41 -0.18 -22.64	19.51 -0.18 -22.74	19.50 -0.19 -22.75	19.10 -0.11 -20.90	19.58 0.31 -14.36	19.18 0.64 -9.12	19.04 0.35 -14.04	24.64 1.13 -9.02	24.70 1.44 -5.03	28.70 0.48 -22.03	26.09 1.05 -12.12	40.24 1.87 -15.65	39.40 1.46 -19.89	26.12 1.28 -9.10	68.04 -0.42 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.68 0.18 -21.34	26.53 -0.37 -31.49	21.44 -0.16 -23.58	63.82 -0.92 -77.44
BROOME_2_LFGE 323671	18.60 0.13 -0.33	14.54 0.04 -2.12	6.71 0.00 -6.10	4.51 -0.02 -7.57	4.53 -0.02 -7.61	4.52 -0.03 -7.61	5.29 -0.01 -6.99	9.74 0.03 -4.80	12.54 0.07 -3.05	9.38 0.04 -4.70	16.66 0.10 -2.07	20.03 0.15 -1.66	13.62 0.06 -7.37	17.10 0.15 -4.03	23.88 0.21 -0.94	20.83 0.19 -2.58	18.50 0.14 -2.62	4.43 -0.06 -9.66	7.60 -0.01 -8.82	8.55 -0.01 -9.34	9.32 0.02 -7.13	5.85 -0.07 -10.53	5.89 -0.02 -7.89	13.11 -0.09 -25.90
BROOME__LFGE 323600	18.60 0.13 -0.33	14.54 0.04 -2.12	6.71 0.00 -6.10	4.51 -0.02 -7.57	4.53 -0.02 -7.61	4.52 -0.03 -7.61	5.29 -0.01 -6.99	9.74 0.03 -4.80	12.54 0.07 -3.05	9.38 0.04 -4.70	16.66 0.10 -2.07	20.03 0.15 -1.66	13.62 0.06 -7.37	17.10 0.15 -4.03	23.88 0.21 -0.94	20.83 0.19 -2.58	18.50 0.14 -2.62	4.43 -0.06 -9.66	7.60 -0.01 -8.82	8.55 -0.01 -9.34	9.32 0.02 -7.13	5.85 -0.07 -10.53	5.89 -0.02 -7.89	13.11 -0.09 -25.90
BROWNFLS_115KV_TB_3_5 80003	17.67 -0.51 -0.03	12.30 -0.29 -0.21	1.21 -0.01 -0.61	-2.21 0.07 -0.76	-2.22 0.06 -0.77	-2.24 0.06 -0.76	-0.96 0.03 -0.70	5.33 -0.06 -0.48	9.62 -0.11 -0.31	5.06 -0.06 -0.47	14.54 -0.16 -0.21	18.19 -0.20 -0.17	6.79 -0.14 -0.74	12.96 -0.36 -0.41	22.27 -0.56 -0.09	18.01 -0.31 -0.26	15.74 -0.26 -0.26	-4.09 0.11 -0.97	-0.31 0.01 -0.89	0.17 0.01 -0.94	2.87 -0.01 -0.72	-3.45 0.09 -1.06	-1.14 0.05 -0.79	-9.85 0.24 -2.60
BROWNSV1_27_KV_LOAD 356125	20.27 1.14 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.25	19.42 -0.17 -22.63	19.51 -0.17 -22.73	19.50 -0.18 -22.75	19.10 -0.10 -20.90	19.57 0.30 -14.36	19.15 0.61 -9.12	19.01 0.33 -14.04	21.72 1.06 -6.17	24.60 1.41 -4.96	28.70 0.48 -22.02	26.00 1.04 -12.04	27.33 1.79 -2.82	27.16 1.39 -7.72	24.79 1.23 -7.82	23.30 -0.41 -28.87	25.06 -0.10 -26.35	27.09 -0.06 -27.93	23.66 0.18 -21.32	26.52 -0.36 -31.48	21.44 -0.15 -23.58	63.81 -0.91 -77.42
BURROWS__LYONSDAL 23803	17.93 -0.26 -0.04	12.54 -0.11 -0.27	1.39 0.00 -0.78	-2.04 0.03 -0.97	-2.05 0.02 -0.98	-2.07 0.02 -0.98	-0.79 0.00 -0.90	5.52 -0.01 -0.62	9.80 -0.01 -0.39	5.24 -0.01 -0.60	14.71 -0.05 -0.27	18.41 -0.03 -0.21	7.06 -0.07 -0.95	13.25 -0.19 -0.52	22.74 -0.11 -0.12	18.45 0.06 -0.33	16.13 0.06 -0.34	-3.94 -0.01 -1.24	-0.09 -0.02 -1.13	0.41 -0.01 -1.20	3.12 0.04 -0.92	-3.23 0.02 -1.35	-0.94 0.03 -1.01	-9.27 0.09 -3.33
CAITHNESS_CC_1 323624	20.47 1.34 -0.98	19.61 0.88 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.49 -0.20 -22.74	19.48 -0.20 -22.75	19.10 -0.12 -20.90	19.58 0.31 -14.36	19.24 0.70 -9.12	19.09 0.40 -14.04	24.84 1.32 -9.02	24.92 1.66 -5.03	28.78 0.56 -22.03	26.29 1.24 -12.12	40.66 2.28 -15.65	39.77 1.82 -19.89	26.65 1.57 -9.34	67.94 -0.53 -73.64	43.51 -0.12 -44.83	37.30 -0.08 -38.16	27.25 0.22 -24.87	36.62 -0.45 -41.67	22.42 -0.19 -24.59	63.78 -0.97 -77.44
CALPINE BETH_PAGE_GT4 24209	20.41 1.28 -0.98	19.56 0.83 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.57 0.30 -14.36	19.18 0.64 -9.12	19.05 0.36 -14.04	24.72 1.21 -9.02	24.72 1.46 -5.03	28.70 0.49 -22.03	26.10 1.06 -12.12	40.30 1.92 -15.65	39.46 1.51 -19.89	26.16 1.32 -9.10	68.02 -0.44 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.69 0.19 -21.34	26.52 -0.37 -31.49	21.45 -0.15 -23.58	63.80 -0.95 -77.44
CALPINE_BETH_PAGE_GT_4 323586	20.41 1.28 -0.98	19.56 0.83 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.57 0.30 -14.36	19.18 0.64 -9.12	19.05 0.36 -14.04	24.72 1.21 -9.02	24.72 1.46 -5.03	28.70 0.49 -22.03	26.10 1.06 -12.12	40.30 1.92 -15.65	39.46 1.51 -19.89	26.16 1.31 -9.10	68.02 -0.44 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.69 0.19 -21.34	26.52 -0.37 -31.49	21.44 -0.16 -23.58	63.79 -0.96 -77.44
CALPINE_BP_GT1 23823	20.41 1.28 -0.98	19.56 0.83 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.57 0.30 -14.36	19.18 0.64 -9.12	19.05 0.36 -14.04	24.72 1.21 -9.02	24.72 1.46 -5.03	28.70 0.49 -22.03	26.10 1.06 -12.12	40.30 1.92 -15.65	39.46 1.51 -19.89	26.16 1.31 -9.10	68.02 -0.44 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.69 0.19 -21.34	26.52 -0.37 -31.49	21.44 -0.16 -23.58	63.79 -0.96 -77.44
CALSPAN__DRP 24200	17.63 -0.70 -0.18	13.02 -0.55 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.26 0.05 -4.25	1.24 0.05 -4.25	2.25 0.04 -3.91	7.46 -0.12 -2.68	10.83 -0.29 -1.70	7.14 -0.13 -2.62	15.16 -0.49 -1.15	18.54 -0.62 -0.93	10.17 -0.14 -4.12	14.78 -0.39 -2.25	22.49 -0.76 -0.53	18.77 -0.73 -1.44	16.46 -0.74 -1.46	0.43 0.20 -5.40	3.77 0.05 -4.93	4.46 0.03 -5.22	6.05 -0.10 -3.99	1.33 0.05 -5.88	2.48 0.05 -4.40	2.08 0.30 -14.47
CALVERTON__SOLAR 323806	20.59 1.46 -0.98	19.69 0.96 -6.35	18.90 0.04 -18.26	19.37 -0.22 -22.64	19.48 -0.22 -22.74	19.46 -0.23 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.31 0.77 -9.12	19.14 0.45 -14.04	24.98 1.46 -9.02	25.10 1.84 -5.03	28.84 0.62 -22.03	26.41 1.37 -12.12	40.87 2.49 -15.65	39.94 1.99 -19.89	26.81 1.73 -9.34	67.89 -0.58 -73.64	43.63 -0.13 -44.97	37.37 -0.09 -38.23	27.30 0.24 -24.89	36.64 -0.50 -41.74	22.41 -0.21 -24.60	63.70 -1.05 -77.44
CANDIGU_WT_PWR 323617	17.61 -0.78 -0.24	13.34 -0.60 -1.56	5.05 -0.03 -4.48	2.62 0.11 -5.55	2.62 0.09 -5.58	2.60 0.09 -5.58	3.49 0.05 -5.13	8.26 -0.17 -3.52	11.36 -0.30 -2.24	7.98 -0.11 -3.44	15.64 -0.37 -1.51	19.12 -0.32 -1.22	11.51 -0.09 -5.40	15.76 -0.12 -2.95	23.14 -0.28 -0.69	19.69 -0.26 -1.89	17.34 -0.32 -1.92	2.02 0.10 -7.08	5.31 0.05 -6.46	6.10 0.03 -6.85	7.32 -0.08 -5.23	3.22 0.10 -7.72	3.87 0.07 -5.78	6.78 0.49 -18.99
CARR STREET_E_SYR 24060	18.06 -0.19 -0.11	12.94 -0.14 -0.70	2.63 -0.01 -2.02	-0.50 0.04 -2.51	-0.48 0.04 -2.52	-0.50 0.04 -2.52	0.65 0.02 -2.32	6.43 -0.07 -1.59	10.30 -0.12 -1.01	6.14 -0.07 -1.56	14.96 -0.22 -0.68	18.49 -0.28 -0.55	8.55 -0.08 -2.44	14.09 -0.17 -1.34	22.73 -0.31 -0.31	18.67 -0.25 -0.86	16.36 -0.24 -0.87	-1.90 0.07 -3.20	1.74 0.02 -2.92	2.33 0.01 -3.10	4.50 -0.04 -2.37	-1.07 0.04 -3.49	0.66 0.03 -2.61	-3.90 0.21 -8.59
CARTHAGE__PAPER 23857	17.69 -0.52 -0.06	12.50 -0.25 -0.38	1.68 -0.01 -1.07	-1.65 0.06 -1.33	-1.66 0.05 -1.34	-1.68 0.05 -1.34	-0.45 0.01 -1.23	5.73 -0.02 -0.85	9.92 -0.04 -0.54	5.45 -0.02 -0.83	14.83 -0.03 -0.36	18.47 -0.05 -0.29	7.37 -0.12 -1.30	13.34 -0.29 -0.71	22.67 -0.22 -0.17	18.58 0.06 -0.45	16.19 0.00 -0.46	-3.46 0.01 -1.70	0.33 -0.02 -1.55	0.85 -0.01 -1.65	3.47 0.05 -1.26	-2.69 0.06 -1.85	-0.54 0.05 -1.39	-7.85 0.29 -4.56

CASSADAGA_WT_PWR 323784	17.25 -1.08 -0.19	12.81 -0.80 -1.24	4.11 -0.05 -3.55	1.49 0.13 -4.40	1.46 0.08 -4.42	1.45 0.09 -4.43	2.42 0.04 -4.07	7.59 -0.11 -2.79	11.05 -0.14 -1.78	7.37 0.00 -2.73	15.66 -0.03 -1.20	19.13 -0.06 -0.96	10.50 0.03 -4.29	15.12 -0.15 -2.34	22.75 -0.53 -0.55	18.95 -0.61 -1.50	16.42 -0.83 -1.52	0.69 0.24 -5.62	3.98 0.06 -5.13	4.69 0.04 -5.43	6.22 -0.09 -4.15	1.55 0.03 -6.12	2.66 0.05 -4.59	2.76 0.39 -15.06
CE_DUNWOOD___DRP 24194	20.06 0.94 -0.98	19.34 0.62 -6.34	18.85 0.03 -18.21	19.40 -0.14 -22.59	19.50 -0.14 -22.69	19.49 -0.15 -22.70	19.08 -0.08 -20.85	19.49 0.25 -14.33	19.02 0.50 -9.10	18.92 0.27 -14.01	21.51 0.86 -6.16	24.30 1.13 -4.95	28.56 0.39 -21.98	25.78 0.84 -12.02	26.99 1.45 -2.81	26.88 1.12 -7.70	24.53 0.99 -7.80	23.32 -0.33 -28.82	25.02 -0.08 -26.30	27.04 -0.05 -27.87	23.59 0.14 -21.28	26.53 -0.29 -31.42	21.43 -0.12 -23.53	63.84 -0.74 -77.27
CE_MILLWOOD___DRP 24193	20.04 0.92 -0.98	19.34 0.61 -6.35	18.90 0.03 -18.27	19.47 -0.14 -22.65	19.57 -0.14 -22.75	19.55 -0.14 -22.76	19.14 -0.08 -20.91	19.52 0.24 -14.37	19.03 0.49 -9.12	18.95 0.26 -14.05	21.50 0.83 -6.17	24.28 1.09 -4.96	28.61 0.38 -22.04	25.79 0.82 -12.05	26.96 1.41 -2.82	26.87 1.08 -7.72	24.53 0.96 -7.83	23.40 -0.32 -28.89	25.09 -0.08 -26.37	27.12 -0.05 -27.95	23.64 0.14 -21.34	26.62 -0.28 -31.51	21.49 -0.12 -23.59	64.07 -0.72 -77.48
CE_NYC2_DRP 24202	20.18 1.05 -0.98	19.43 0.71 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	19.00 0.31 -14.04	21.64 0.98 -6.17	33.73 1.33 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.71 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.55 -0.33 -31.48	21.46 -0.14 -23.58	63.89 -0.84 -77.42
CE_NYC_DRP 24195	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.93 -6.17	24.42 1.24 -4.96	28.64 0.43 -22.02	25.88 0.92 -12.04	27.12 1.58 -2.82	26.99 1.22 -7.72	24.64 1.09 -7.82	23.34 -0.36 -28.87	25.07 -0.08 -26.35	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
CHAFFEE___LFGE 323603	17.66 -0.67 -0.19	13.08 -0.52 -1.22	4.09 -0.04 -3.52	1.38 0.07 -4.36	1.38 0.05 -4.38	1.37 0.06 -4.38	2.37 0.03 -4.03	7.55 -0.12 -2.76	10.90 -0.28 -1.76	7.23 -0.12 -2.70	15.25 -0.43 -1.19	18.67 -0.51 -0.95	10.32 -0.11 -4.24	14.91 -0.33 -2.32	22.62 -0.65 -0.54	18.89 -0.65 -1.49	16.57 -0.68 -1.51	0.57 0.18 -5.56	3.92 0.05 -5.07	4.62 0.02 -5.38	6.17 -0.10 -4.11	1.50 0.04 -6.06	2.61 0.06 -4.54	2.50 0.29 -14.91
CHATEAUG_35_KV_LOAD 355732	18.10 -0.05 0.00	12.22 -0.16 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-2.99 0.05 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.91 0.00 0.00	9.48 0.06 0.00	4.70 0.05 0.00	14.68 0.18 0.00	18.39 0.17 0.00	6.19 0.00 0.00	12.92 0.00 0.00	22.65 -0.08 0.00	17.98 -0.08 0.00	15.73 -0.01 0.00	-5.17 0.00 0.00	-1.20 0.00 0.00	-0.77 0.00 0.00	2.17 0.00 0.00	-4.62 -0.02 0.00	-1.99 -0.01 0.00	-12.82 -0.12 0.00
CHATEAUG_WT_PWR 323614	18.12 -0.02 0.00	12.23 -0.15 0.00	0.60 -0.01 0.00	-3.00 0.04 0.00	-3.00 0.05 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.91 0.00 0.00	9.49 0.07 0.00	4.70 0.06 0.00	14.69 0.19 0.00	18.42 0.20 0.00	6.20 0.02 0.00	12.95 0.03 0.00	22.69 -0.03 0.00	18.02 -0.04 0.00	15.76 0.02 0.00	-5.19 -0.02 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.99 -0.01 0.00	-12.84 -0.14 0.00
CHAT_HIGH_FALL_HYD 323578	18.10 -0.05 0.00	12.21 -0.16 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-2.99 0.05 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.91 0.00 0.00	9.48 0.06 0.00	4.70 0.05 0.00	14.68 0.18 0.00	18.39 0.17 0.00	6.19 0.00 0.00	12.92 0.00 0.00	22.65 -0.08 0.00	17.98 -0.07 0.00	15.73 -0.01 0.00	-5.18 -0.01 0.00	-1.20 0.00 0.00	-0.77 0.00 0.00	2.17 0.00 0.00	-4.62 -0.02 0.00	-1.99 -0.01 0.00	-12.81 -0.11 0.00
CHAUTAUQUA___LFGE 323629	17.48 -0.85 -0.19	12.94 -0.64 -1.21	4.04 -0.05 -3.48	1.36 0.09 -4.31	1.35 0.06 -4.34	1.34 0.07 -4.34	2.33 0.04 -3.99	7.53 -0.11 -2.74	10.93 -0.22 -1.74	7.25 -0.08 -2.68	15.38 -0.30 -1.18	18.79 -0.38 -0.94	10.32 -0.07 -4.20	14.93 -0.28 -2.30	22.60 -0.66 -0.54	18.85 -0.68 -1.47	16.45 -0.77 -1.49	0.55 0.21 -5.50	3.87 0.06 -5.02	4.57 0.03 -5.32	6.13 -0.10 -4.06	1.43 0.04 -6.00	2.57 0.06 -4.49	2.39 0.32 -14.76
CHERRYST_13_KV_LD 356241	20.17 1.04 -0.98	19.42 0.70 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.28 -14.36	19.10 0.56 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	24.48 1.29 -4.96	28.66 0.44 -22.02	25.92 0.96 -12.04	27.18 1.64 -2.82	27.04 1.27 -7.72	24.68 1.13 -7.82	23.33 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.33 -31.48	21.46 -0.14 -23.58	63.89 -0.84 -77.42
CHESTROR_138KV_BK263 355645	19.83 0.78 -0.91	18.76 0.51 -5.87	17.52 0.02 -16.88	17.78 -0.12 -20.93	17.87 -0.12 -21.03	17.86 -0.12 -21.04	17.57 -0.07 -19.33	18.40 0.20 -13.28	18.26 0.41 -8.44	17.85 0.22 -12.98	20.91 0.70 -5.71	23.73 0.92 -4.58	26.89 0.33 -20.38	24.75 0.69 -11.14	26.51 1.18 -2.61	26.12 0.92 -7.14	23.78 0.81 -7.23	21.27 -0.27 -26.71	23.11 -0.06 -24.38	25.01 -0.04 -25.83	22.01 0.12 -19.72	24.28 -0.25 -29.12	19.73 -0.10 -21.81	58.32 -0.61 -71.62
CH_MIDHUDSON___DRP 24192	20.04 0.89 -1.00	19.41 0.59 -6.44	19.15 0.03 -18.52	19.79 -0.13 -22.96	19.89 -0.14 -23.07	19.88 -0.14 -23.08	19.43 -0.08 -21.20	19.71 0.24 -14.57	19.14 0.48 -9.25	19.11 0.25 -14.22	21.55 0.80 -6.25	24.29 1.05 -5.02	28.86 0.36 -22.31	25.90 0.79 -12.19	26.92 1.34 -2.86	26.92 1.04 -7.82	24.58 0.92 -7.92	23.77 -0.31 -29.25	25.44 -0.07 -26.71	27.51 -0.05 -28.33	23.93 0.13 -21.63	27.07 -0.27 -31.94	21.83 -0.11 -23.92	65.17 -0.68 -78.55
CH_MISC_IPPS 23765	20.12 0.99 -0.98	19.35 0.65 -6.32	18.81 0.03 -18.17	19.34 -0.15 -22.53	19.44 -0.15 -22.64	19.43 -0.16 -22.65	19.03 -0.09 -20.80	19.47 0.26 -14.30	19.03 0.53 -9.08	18.89 0.28 -13.97	21.53 0.90 -6.14	24.33 1.17 -4.93	28.51 0.41 -21.92	25.78 0.88 -11.98	27.04 1.51 -2.81	26.91 1.17 -7.68	24.55 1.03 -7.78	23.21 -0.35 -28.73	24.95 -0.08 -26.23	26.98 -0.05 -27.81	23.55 0.15 -21.23	26.44 -0.31 -31.35	21.36 -0.13 -23.48	63.62 -0.77 -77.09
CH_RES_BVR_FALLS 23983	17.29 -0.85 0.00	11.82 -0.55 0.00	0.58 -0.03 0.00	-2.93 0.12 0.00	-2.93 0.12 0.00	-2.94 0.12 0.00	-1.62 0.07 0.00	4.70 -0.21 0.00	9.03 -0.39 0.00	4.46 -0.19 0.00	13.89 -0.60 0.00	17.54 -0.68 0.00	5.93 -0.26 0.00	12.42 -0.50 0.00	22.07 -0.65 0.00	17.59 -0.47 0.00	15.42 -0.32 0.00	-5.06 0.11 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.40 0.21 0.00	-1.90 0.09 0.00	-12.15 0.55 0.00

CH_RES_NIAGARA 23895	17.15 -1.17 -0.17	12.62 -0.87 -1.10	3.71 -0.06 -3.16	1.03 0.14 -3.93	1.03 0.13 -3.94	1.03 0.15 -3.95	2.03 0.09 -3.63	7.10 -0.29 -2.49	10.39 -0.61 -1.58	6.77 -0.31 -2.44	14.53 -1.04 -1.07	17.72 -1.37 -0.86	9.61 -0.40 -3.82	14.08 -0.93 -2.09	21.57 -1.64 -0.49	17.96 -1.44 -1.34	15.80 -1.30 -1.36	0.23 0.39 -5.01	3.46 0.09 -4.58	4.13 0.06 -4.85	5.70 -0.16 -3.70	1.04 0.20 -5.44	2.21 0.12 -4.07	1.37 0.63 -13.43
CH_RES_SYRACUSE 23985	18.17 -0.10 -0.12	13.07 -0.08 -0.78	2.84 0.00 -2.24	-0.25 0.02 -2.77	-0.24 0.03 -2.78	-0.25 0.03 -2.79	0.88 0.01 -2.56	6.62 -0.04 -1.76	10.46 -0.07 -1.12	6.32 -0.04 -1.72	15.11 -0.14 -0.76	18.65 -0.18 -0.61	8.84 -0.05 -2.70	14.30 -0.09 -1.48	22.89 -0.18 -0.34	18.87 -0.13 -0.94	16.54 -0.15 -0.96	-1.59 0.04 -3.54	2.04 0.01 -3.23	2.65 0.01 -3.42	4.76 -0.02 -2.61	-0.73 0.02 -3.86	0.93 0.02 -2.89	-3.07 0.14 -9.48
CLINTON_WT_PWR 323605	18.12 -0.02 0.00	12.23 -0.15 0.00	0.60 -0.01 0.00	-3.00 0.04 0.00	-3.00 0.05 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.91 0.00 0.00	9.49 0.07 0.00	4.70 0.06 0.00	14.69 0.19 0.00	18.42 0.20 0.00	6.20 0.02 0.00	12.95 0.03 0.00	22.69 -0.03 0.00	18.02 -0.04 0.00	15.76 0.02 0.00	-5.19 -0.02 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.99 -0.01 0.00	-12.84 -0.14 0.00
CLINTON___LFGE 323618	18.30 0.16 0.00	12.36 -0.02 0.00	0.61 0.00 0.00	-3.03 0.02 0.00	-3.02 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.83 0.34 0.00	18.59 0.36 0.00	6.26 0.07 0.00	13.06 0.14 0.00	22.85 0.12 0.00	18.16 0.10 0.00	15.88 0.14 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-12.99 -0.30 0.00
COBBLENY_34_KV_TB1 80064	17.67 -0.67 -0.19	13.07 -0.52 -1.22	4.08 -0.04 -3.52	1.38 0.07 -4.36	1.38 0.05 -4.38	1.37 0.06 -4.38	2.37 0.03 -4.03	7.55 -0.12 -2.76	10.90 -0.27 -1.76	7.23 -0.12 -2.70	15.25 -0.43 -1.19	18.66 -0.52 -0.95	10.32 -0.11 -4.24	14.91 -0.33 -2.32	22.63 -0.64 -0.54	18.90 -0.64 -1.49	16.57 -0.68 -1.51	0.57 0.18 -5.56	3.92 0.05 -5.07	4.62 0.02 -5.38	6.17 -0.10 -4.11	1.50 0.04 -6.06	2.61 0.05 -4.54	2.52 0.30 -14.91
COFFEEN___115KV_TB3 355620	17.77 -0.44 -0.07	12.59 -0.21 -0.43	1.83 -0.01 -1.23	-1.47 0.05 -1.52	-1.48 0.04 -1.52	-1.50 0.04 -1.53	-0.28 0.00 -1.40	5.87 0.00 -0.96	10.03 0.00 -0.61	5.59 0.00 -0.94	14.97 0.06 -0.41	18.57 0.02 -0.33	7.59 -0.07 -1.48	13.53 -0.20 -0.81	22.86 -0.05 -0.19	18.76 0.19 -0.52	16.34 0.08 -0.53	-3.25 -0.02 -1.94	0.54 -0.02 -1.77	1.08 -0.02 -1.87	3.65 0.06 -1.43	-2.45 0.04 -2.11	-0.35 0.05 -1.58	-7.25 0.25 -5.20
COLDSPRG_115KV_BK1 355956	18.10 -0.24 -0.20	13.40 -0.25 -1.27	4.25 -0.03 -3.66	1.51 0.01 -4.54	1.50 -0.02 -4.56	1.48 -0.02 -4.57	2.49 -0.02 -4.20	7.84 0.05 -2.88	11.35 0.10 -1.83	7.55 0.09 -2.82	15.97 0.24 -1.24	19.52 0.30 -0.99	10.75 0.14 -4.42	15.51 0.17 -2.42	23.43 0.13 -0.57	19.57 -0.04 -1.55	17.09 -0.21 -1.57	0.66 0.03 -5.80	4.10 0.02 -5.29	4.83 0.01 -5.61	6.42 -0.02 -4.28	1.60 -0.12 -6.32	2.73 -0.02 -4.73	2.79 -0.05 -15.54
COLONIE_LFGE___ 323577	20.09 0.70 -1.24	20.86 0.49 -7.99	23.61 0.02 -22.98	25.33 -0.12 -28.49	25.46 -0.12 -28.63	25.45 -0.12 -28.64	24.57 -0.07 -26.32	23.20 0.20 -18.09	21.27 0.37 -11.48	22.51 0.18 -17.68	22.83 0.56 -7.77	25.14 0.68 -6.24	34.17 0.23 -27.75	28.56 0.48 -15.16	27.14 0.86 -3.55	28.48 0.70 -9.72	26.19 0.60 -9.84	30.98 -0.20 -36.35	31.93 -0.05 -33.18	34.35 -0.03 -35.16	29.09 0.08 -26.84	34.85 -0.18 -39.64	27.62 -0.08 -29.68	84.30 -0.49 -97.48
COOPERNY_115KV_TB1 80082	19.45 0.57 -0.74	17.54 0.37 -4.79	14.40 0.02 -13.77	13.95 -0.09 -17.08	14.02 -0.09 -17.15	14.01 -0.09 -17.16	14.03 -0.05 -15.77	15.89 0.15 -10.84	16.60 0.30 -6.88	15.40 0.16 -10.59	19.66 0.51 -4.66	22.63 0.66 -3.74	23.04 0.24 -16.62	22.51 0.50 -9.09	25.71 0.85 -2.13	24.55 0.66 -5.82	22.22 0.59 -5.90	16.42 -0.20 -21.79	18.64 -0.05 -19.89	20.26 -0.03 -21.07	18.34 0.08 -16.09	18.98 -0.18 -23.76	15.73 -0.07 -17.79	45.29 -0.43 -58.42
COPENHAGEN_WT_PWR 323753	17.44 -0.78 -0.07	12.40 -0.42 -0.44	1.86 -0.02 -1.27	-1.37 0.10 -1.57	-1.38 0.09 -1.57	-1.41 0.08 -1.58	-0.21 0.03 -1.45	5.83 -0.07 -1.00	9.90 -0.15 -0.63	5.55 -0.07 -0.97	14.79 -0.13 -0.43	18.37 -0.20 -0.34	7.55 -0.17 -1.53	13.36 -0.40 -0.84	22.53 -0.40 -0.19	18.57 -0.03 -0.54	16.11 -0.17 -0.54	-3.11 0.06 -2.00	0.61 -0.01 -1.83	1.14 -0.01 -1.94	3.68 0.04 -1.48	-2.29 0.13 -2.18	-0.26 0.08 -1.64	-6.79 0.54 -5.37
CORNELL___ 23752	18.60 0.22 -0.23	14.00 0.10 -1.51	4.96 0.01 -4.35	2.32 -0.03 -5.39	2.34 -0.03 -5.42	2.32 -0.03 -5.42	3.27 -0.02 -4.98	8.38 0.05 -3.42	11.70 0.11 -2.17	8.04 0.05 -3.35	16.09 0.12 -1.47	19.54 0.14 -1.18	11.49 0.05 -5.25	15.92 0.13 -2.87	23.71 0.32 -0.67	20.19 0.29 -1.84	17.86 0.26 -1.86	1.61 -0.10 -6.88	5.06 -0.02 -6.28	5.86 -0.01 -6.65	7.29 0.04 -5.08	2.80 -0.10 -7.50	3.61 -0.03 -5.62	5.61 -0.14 -18.44
CORONA_AV_69_KV_TB1 355595	20.37 1.24 -0.98	19.55 0.82 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.50 -0.19 -22.74	19.49 -0.20 -22.75	19.10 -0.11 -20.90	19.58 0.31 -14.36	19.19 0.65 -9.12	19.05 0.36 -14.04	24.73 1.22 -9.02	24.79 1.54 -5.03	28.73 0.51 -22.03	26.15 1.11 -12.12	40.36 1.99 -15.65	39.49 1.55 -19.89	26.19 1.35 -9.10	68.01 -0.45 -73.63	25.06 -0.10 -26.36	27.09 -0.07 -27.94	23.70 0.19 -21.34	26.50 -0.39 -31.49	21.44 -0.16 -23.58	63.82 -0.92 -77.44
CORTLAND_115KV_TB3 80093	18.45 0.11 -0.19	13.68 0.05 -1.25	4.21 0.00 -3.60	1.40 -0.02 -4.46	1.42 -0.02 -4.48	1.40 -0.02 -4.48	2.42 -0.01 -4.12	7.75 0.02 -2.83	11.26 0.05 -1.80	7.43 0.02 -2.77	15.76 0.05 -1.22	19.25 0.05 -0.98	10.55 0.02 -4.34	15.35 0.06 -2.37	23.42 0.14 -0.56	19.73 0.15 -1.52	17.41 0.13 -1.54	0.47 -0.05 -5.69	3.98 -0.01 -5.19	4.71 -0.01 -5.50	6.39 0.02 -4.20	1.54 -0.06 -6.20	2.65 -0.01 -4.65	2.51 -0.05 -15.25
COXSACKIE___GT 23611	20.61 1.32 -1.15	20.65 0.87 -7.40	21.94 0.04 -21.28	23.14 -0.21 -26.39	23.25 -0.21 -26.51	23.24 -0.22 -26.53	22.54 -0.12 -24.35	22.00 0.35 -16.74	20.71 0.67 -10.63	21.29 0.28 -16.36	22.62 0.93 -7.19	25.02 1.02 -5.78	32.23 0.37 -25.68	27.84 0.88 -14.04	27.59 1.57 -3.29	28.41 1.35 -9.00	26.05 1.19 -9.12	28.12 -0.39 -33.69	29.45 -0.09 -30.74	31.73 -0.06 -32.57	27.20 0.16 -24.86	31.76 -0.36 -36.72	25.36 -0.15 -27.49	76.68 -0.92 -90.29
CPV_VALLEY___CC1 323721	19.63 0.64 -0.85	18.29 0.42 -5.49	16.41 0.02 -15.78	16.43 -0.09 -19.57	16.51 -0.10 -19.66	16.50 -0.10 -19.67	16.32 -0.06 -18.07	17.49 0.17 -12.42	17.64 0.34 -7.88	16.96 0.18 -12.14	20.41 0.58 -5.33	23.27 0.76 -4.28	25.50 0.27 -19.04	23.91 0.57 -10.41	26.13 0.97 -2.44	25.49 0.75 -6.67	23.17 0.67 -6.76	19.57 -0.23 -24.97	21.53 -0.06 -22.79	23.33 -0.03 -24.15	20.70 0.10 -18.43	22.41 -0.20 -27.22	18.32 -0.09 -20.38	53.74 -0.50 -66.94

CPV_VALLEY___CC2 323722	19.63 0.64 -0.85	18.29 0.42 -5.49	16.41 0.02 -15.78	16.43 -0.09 -19.57	16.51 -0.10 -19.66	16.50 -0.10 -19.67	16.32 -0.06 -18.07	17.49 0.17 -12.42	17.64 0.34 -7.88	16.96 0.18 -12.14	20.41 0.58 -5.33	23.27 0.76 -4.28	25.50 0.27 -19.04	23.91 0.57 -10.41	26.13 0.97 -2.44	25.49 0.75 -6.67	23.17 0.67 -6.76	19.57 -0.23 -24.97	21.53 -0.06 -22.79	23.33 -0.03 -24.15	20.70 0.10 -18.43	22.41 -0.20 -27.22	18.32 -0.09 -20.38	53.74 -0.50 -66.94
CRESCENT___HYD 24018	20.09 0.70 -1.24	20.86 0.49 -7.99	23.61 0.02 -22.98	25.33 -0.12 -28.49	25.46 -0.12 -28.63	25.45 -0.12 -28.64	24.57 -0.07 -26.32	23.20 0.20 -18.09	21.27 0.37 -11.48	22.51 0.18 -17.68	22.83 0.56 -7.77	25.14 0.68 -6.24	34.17 0.23 -27.75	28.56 0.48 -15.16	27.14 0.86 -3.55	28.48 0.70 -9.72	26.19 0.60 -9.84	30.98 -0.20 -36.35	31.93 -0.05 -33.18	34.35 -0.03 -35.16	29.09 0.08 -26.84	34.85 -0.18 -39.64	27.62 -0.08 -29.68	84.30 -0.49 -97.48
CRICKET___VALLEY_CC1 323756	19.89 0.70 -1.04	19.55 0.46 -6.71	19.92 0.02 -19.30	20.78 -0.10 -23.92	20.89 -0.10 -24.04	20.88 -0.10 -24.05	20.34 -0.06 -22.09	20.27 0.19 -15.18	19.44 0.38 -9.64	19.68 0.19 -14.84	21.62 0.60 -6.52	24.24 0.78 -5.24	29.74 0.27 -23.28	26.23 0.58 -12.73	26.70 1.00 -2.98	26.98 0.77 -8.16	24.68 0.67 -8.27	25.13 -0.23 -30.52	26.60 -0.06 -27.86	28.71 -0.03 -29.53	24.80 0.10 -22.54	28.48 -0.20 -33.28	22.85 -0.09 -24.93	68.61 -0.54 -81.85
CRICKET___VALLEY_CC2 323757	19.89 0.70 -1.04	19.55 0.46 -6.71	19.92 0.02 -19.30	20.78 -0.10 -23.92	20.89 -0.10 -24.04	20.88 -0.10 -24.05	20.34 -0.06 -22.09	20.27 0.19 -15.18	19.44 0.38 -9.64	19.68 0.19 -14.84	21.62 0.60 -6.52	24.24 0.78 -5.24	29.74 0.27 -23.28	26.23 0.58 -12.73	26.70 1.00 -2.98	26.98 0.77 -8.16	24.68 0.67 -8.27	25.13 -0.23 -30.52	26.60 -0.06 -27.86	28.71 -0.03 -29.53	24.80 0.10 -22.54	28.48 -0.20 -33.28	22.85 -0.09 -24.93	68.61 -0.54 -81.85
CRICKET___VALLEY_CC3 323758	19.89 0.70 -1.04	19.55 0.46 -6.71	19.92 0.02 -19.30	20.78 -0.10 -23.92	20.89 -0.10 -24.04	20.88 -0.10 -24.05	20.34 -0.06 -22.09	20.27 0.19 -15.18	19.44 0.38 -9.64	19.68 0.19 -14.84	21.62 0.60 -6.52	24.24 0.78 -5.24	29.74 0.27 -23.28	26.23 0.58 -12.73	26.70 1.00 -2.98	26.98 0.77 -8.16	24.68 0.67 -8.27	25.13 -0.23 -30.52	26.60 -0.06 -27.86	28.71 -0.03 -29.53	24.80 0.10 -22.54	28.48 -0.20 -33.28	22.85 -0.09 -24.93	68.61 -0.54 -81.85
CRUCIBLE_METL_DRP 24180	18.17 -0.10 -0.12	13.07 -0.08 -0.78	2.84 0.00 -2.24	-0.25 0.02 -2.77	-0.24 0.02 -2.78	-0.25 0.03 -2.79	0.88 0.01 -2.56	6.62 -0.04 -1.76	10.46 -0.07 -1.12	6.32 -0.04 -1.72	15.11 -0.14 -0.76	18.65 -0.18 -0.61	8.84 -0.05 -2.70	14.30 -0.09 -1.48	22.89 -0.18 -0.34	18.87 -0.13 -0.94	16.54 -0.16 -0.96	-1.59 0.04 -3.54	2.04 0.01 -3.23	2.65 0.01 -3.42	4.76 -0.02 -2.61	-0.73 0.02 -3.86	0.93 0.02 -2.89	-3.07 0.14 -9.48
DAHOWA___HYDRO 323763	20.34 0.93 -1.26	21.15 0.62 -8.15	24.07 0.03 -23.43	25.86 -0.15 -29.05	25.98 -0.15 -29.18	25.98 -0.16 -29.20	25.08 -0.09 -26.86	23.63 0.27 -18.46	21.64 0.50 -11.72	22.93 0.24 -18.04	23.18 0.76 -7.93	25.49 0.90 -6.37	34.80 0.31 -28.31	29.02 0.64 -15.46	27.51 1.17 -3.62	28.94 0.97 -9.91	26.63 0.85 -10.04	31.60 -0.29 -37.06	32.56 -0.07 -33.83	35.02 -0.05 -35.85	29.66 0.13 -27.37	35.54 -0.27 -40.41	28.17 -0.11 -30.26	86.01 -0.67 -99.38
DANC___LFGE 323619	17.63 -0.60 -0.08	12.55 -0.34 -0.52	2.08 -0.01 -1.49	-1.12 0.09 -1.84	-1.11 0.08 -1.85	-1.14 0.08 -1.85	0.04 0.03 -1.70	5.99 -0.08 -1.17	10.00 -0.16 -0.74	5.71 -0.08 -1.14	14.80 -0.20 -0.50	18.34 -0.29 -0.40	7.83 -0.15 -1.79	13.56 -0.35 -0.98	22.54 -0.42 -0.23	18.52 -0.16 -0.63	16.13 -0.24 -0.64	-2.74 0.08 -2.35	0.95 0.01 -2.15	1.49 0.00 -2.27	3.90 0.00 -1.74	-1.93 0.11 -2.56	0.00 0.07 -1.92	-5.94 0.45 -6.30
DANSKAMMER___1 23586	20.12 0.99 -0.98	19.35 0.65 -6.32	18.81 0.03 -18.17	19.34 -0.15 -22.53	19.44 -0.15 -22.64	19.43 -0.16 -22.65	19.03 -0.09 -20.80	19.47 0.26 -14.30	19.03 0.53 -9.08	18.89 0.28 -13.97	21.53 0.90 -6.14	24.33 1.17 -4.93	28.51 0.41 -21.92	25.78 0.88 -11.98	27.04 1.51 -2.81	26.91 1.17 -7.68	24.55 1.03 -7.78	23.21 -0.35 -28.73	24.95 -0.08 -26.23	26.98 -0.05 -27.81	23.55 0.15 -21.23	26.44 -0.31 -31.35	21.36 -0.13 -23.48	63.62 -0.77 -77.09
DANSKAMMER___2 23589	20.12 0.99 -0.98	19.35 0.65 -6.32	18.81 0.03 -18.17	19.34 -0.15 -22.53	19.44 -0.15 -22.64	19.43 -0.16 -22.65	19.03 -0.09 -20.80	19.47 0.26 -14.30	19.03 0.53 -9.08	18.89 0.28 -13.97	21.53 0.90 -6.14	24.33 1.17 -4.93	28.51 0.41 -21.92	25.78 0.88 -11.98	27.04 1.51 -2.81	26.91 1.17 -7.68	24.55 1.03 -7.78	23.21 -0.35 -28.73	24.95 -0.08 -26.23	26.98 -0.05 -27.81	23.55 0.15 -21.23	26.44 -0.31 -31.35	21.36 -0.13 -23.48	63.62 -0.77 -77.09
DANSKAMMER___3 23590	20.12 0.99 -0.98	19.35 0.65 -6.32	18.81 0.03 -18.17	19.34 -0.15 -22.53	19.44 -0.15 -22.64	19.43 -0.16 -22.65	19.03 -0.09 -20.80	19.47 0.26 -14.30	19.03 0.53 -9.08	18.89 0.28 -13.97	21.53 0.90 -6.14	24.33 1.17 -4.93	28.51 0.41 -21.92	25.78 0.88 -11.98	27.04 1.51 -2.81	26.91 1.17 -7.68	24.55 1.03 -7.78	23.21 -0.35 -28.73	24.95 -0.08 -26.23	26.98 -0.05 -27.81	23.55 0.15 -21.23	26.44 -0.31 -31.35	21.36 -0.13 -23.48	63.62 -0.77 -77.09
DANSKAMMER___4 23591	20.12 0.99 -0.98	19.35 0.65 -6.32	18.81 0.03 -18.17	19.34 -0.15 -22.53	19.44 -0.15 -22.64	19.43 -0.16 -22.65	19.03 -0.09 -20.80	19.47 0.26 -14.30	19.03 0.53 -9.08	18.89 0.28 -13.97	21.53 0.90 -6.14	24.33 1.17 -4.93	28.51 0.41 -21.92	25.78 0.88 -11.98	27.04 1.51 -2.81	26.91 1.17 -7.68	24.55 1.03 -7.78	23.21 -0.35 -28.73	24.95 -0.08 -26.23	26.98 -0.05 -27.81	23.55 0.15 -21.23	26.44 -0.31 -31.35	21.36 -0.13 -23.48	63.62 -0.77 -77.09
DANSKAMMER___DIESEL 23592	20.12 1.00 -0.98	19.36 0.65 -6.32	18.81 0.03 -18.17	19.34 -0.15 -22.53	19.44 -0.15 -22.64	19.43 -0.16 -22.65	19.03 -0.09 -20.80	19.47 0.26 -14.30	19.03 0.53 -9.08	18.89 0.28 -13.97	21.54 0.90 -6.14	24.33 1.18 -4.93	28.51 0.41 -21.92	25.78 0.88 -11.98	27.04 1.51 -2.81	26.91 1.17 -7.68	24.55 1.03 -7.78	23.21 -0.35 -28.73	24.95 -0.08 -26.23	26.98 -0.05 -27.81	23.55 0.15 -21.23	26.44 -0.31 -31.35	21.37 -0.13 -23.48	63.63 -0.77 -77.09
DARBY___SOLAR 323810	20.30 0.89 -1.26	21.10 0.60 -8.13	24.00 0.03 -23.36	25.78 -0.15 -28.97	25.91 -0.14 -29.10	25.90 -0.15 -29.12	25.00 -0.08 -26.78	23.56 0.25 -18.40	21.59 0.48 -11.68	22.86 0.23 -17.99	23.14 0.73 -7.91	25.45 0.87 -6.35	34.71 0.30 -28.23	28.96 0.61 -15.42	27.46 1.12 -3.61	28.87 0.93 -9.88	26.56 0.81 -10.01	31.52 -0.27 -36.96	32.47 -0.07 -33.74	34.92 -0.04 -35.75	29.58 0.12 -27.29	35.45 -0.25 -40.30	28.09 -0.10 -30.18	85.77 -0.63 -99.10
DASHVILLE___HYD 23610	19.95 0.81 -1.00	19.31 0.49 -6.44	19.14 0.02 -18.51	19.80 -0.11 -22.95	19.90 -0.11 -23.05	19.89 -0.11 -23.06	19.43 -0.07 -21.18	19.66 0.20 -14.56	19.07 0.41 -9.24	19.11 0.22 -14.24	21.49 0.73 -6.26	24.27 1.01 -5.03	28.89 0.34 -22.35	25.90 0.75 -12.22	26.91 1.33 -2.86	26.93 1.03 -7.83	24.61 0.93 -7.94	23.84 -0.30 -29.31	25.46 -0.07 -26.74	27.49 -0.05 -28.32	23.92 0.13 -21.62	27.06 -0.26 -31.92	21.82 -0.11 -23.91	65.17 -0.63 -78.50

DEERFIELD_69_KV_DEERFIELD LD 355887	20.99 1.86 -0.98	19.96 1.23 -6.35	18.92 0.05 -18.26	19.30 -0.29 -22.64	19.40 -0.29 -22.74	19.39 -0.30 -22.75	19.05 -0.17 -20.90	19.74 0.47 -14.36	19.58 1.05 -9.12	19.29 0.60 -14.04	25.46 1.94 -9.02	25.71 2.45 -5.03	29.04 0.82 -22.03	26.83 1.79 -12.12	41.61 3.23 -15.65	40.54 2.59 -19.89	27.33 2.24 -9.34	67.72 -0.75 -73.64	43.66 -0.17 -45.03	37.38 -0.11 -38.27	27.39 0.32 -24.90	36.53 -0.65 -41.78	22.38 -0.24 -24.60	63.41 -1.34 -77.44
DELAWARE___LFGE 323621	19.04 0.48 -0.41	15.34 0.31 -2.65	8.25 0.01 -7.63	6.34 -0.08 -9.46	6.38 -0.08 -9.50	6.36 -0.08 -9.51	7.00 -0.05 -8.74	11.04 0.12 -6.01	13.47 0.24 -3.81	10.64 0.12 -5.87	17.46 0.39 -2.58	20.79 0.49 -2.07	15.57 0.17 -9.21	18.33 0.37 -5.03	24.53 0.63 -1.18	21.79 0.51 -3.23	19.46 0.45 -3.27	6.74 -0.16 -12.07	9.78 -0.04 -11.02	10.87 -0.03 -11.67	11.15 0.07 -8.91	8.41 -0.15 -13.16	7.82 -0.05 -9.85	19.33 -0.33 -32.36
DERFIELD_115KV_TB7 355931	18.16 0.01 0.00	12.39 0.01 0.00	0.61 0.00 0.00	-3.05 0.00 0.00	-3.05 0.00 0.00	-3.07 0.00 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.65 0.00 0.00	14.49 -0.01 0.00	18.23 0.00 0.00	6.19 0.00 0.00	12.92 0.00 0.00	22.74 0.01 0.00	18.08 0.02 0.00	15.75 0.02 0.00	-5.18 -0.01 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.61 0.00 0.00	-1.98 0.00 0.00	-12.69 0.00 0.00
DOGLEVILLE___HYD 23807	18.20 0.06 0.00	12.39 0.01 0.00	0.60 0.00 0.00	-3.06 -0.01 0.00	-3.06 -0.01 0.00	-3.07 -0.01 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.62 -0.03 0.00	14.44 -0.05 0.00	18.15 -0.07 0.00	6.14 -0.05 0.00	12.79 -0.13 0.00	22.59 -0.13 0.00	18.03 -0.03 0.00	15.75 0.02 0.00	-5.18 -0.01 0.00	-1.21 -0.01 0.00	-0.79 -0.01 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.97 0.01 0.00	-12.75 -0.05 0.00
DUNKIRK___115KV_TB_200 55889	17.52 -0.81 -0.19	12.96 -0.63 -1.21	4.04 -0.04 -3.47	1.35 0.09 -4.31	1.34 0.06 -4.32	1.32 0.06 -4.33	2.32 0.04 -3.98	7.52 -0.11 -2.73	10.92 -0.23 -1.74	7.23 -0.09 -2.67	15.34 -0.33 -1.17	18.74 -0.43 -0.94	10.30 -0.08 -4.19	14.91 -0.30 -2.29	22.60 -0.66 -0.54	18.85 -0.68 -1.47	16.46 -0.76 -1.49	0.53 0.21 -5.49	3.86 0.05 -5.01	4.56 0.03 -5.31	6.13 -0.10 -4.05	1.42 0.04 -5.99	2.55 0.05 -4.48	2.36 0.32 -14.73
DUNKIRK___1 23563	17.52 -0.81 -0.19	12.96 -0.63 -1.21	4.04 -0.04 -3.47	1.35 0.09 -4.31	1.34 0.06 -4.32	1.32 0.06 -4.33	2.32 0.04 -3.98	7.52 -0.11 -2.73	10.92 -0.23 -1.74	7.23 -0.09 -2.67	15.34 -0.33 -1.17	18.74 -0.43 -0.94	10.30 -0.08 -4.19	14.91 -0.30 -2.29	22.60 -0.66 -0.54	18.85 -0.68 -1.47	16.46 -0.76 -1.49	0.53 0.21 -5.49	3.86 0.05 -5.01	4.56 0.03 -5.31	6.13 -0.10 -4.05	1.42 0.04 -5.99	2.55 0.05 -4.48	2.36 0.32 -14.73
DUNKIRK___2 23564	17.52 -0.81 -0.19	12.96 -0.63 -1.21	4.04 -0.04 -3.47	1.35 0.09 -4.31	1.34 0.06 -4.32	1.32 0.06 -4.33	2.32 0.04 -3.98	7.52 -0.11 -2.73	10.92 -0.23 -1.74	7.23 -0.09 -2.67	15.34 -0.33 -1.17	18.74 -0.43 -0.94	10.30 -0.08 -4.19	14.91 -0.30 -2.29	22.60 -0.66 -0.54	18.85 -0.68 -1.47	16.46 -0.76 -1.49	0.53 0.21 -5.49	3.86 0.05 -5.01	4.56 0.03 -5.31	6.13 -0.10 -4.05	1.42 0.04 -5.99	2.55 0.05 -4.48	2.36 0.32 -14.73
DUNKIRK___3 23565	17.57 -0.76 -0.18	12.99 -0.59 -1.19	4.00 -0.04 -3.43	1.29 0.08 -4.25	1.28 0.05 -4.27	1.27 0.06 -4.27	2.27 0.04 -3.93	7.50 -0.11 -2.70	10.89 -0.24 -1.71	7.19 -0.10 -2.64	15.29 -0.36 -1.16	18.70 -0.46 -0.93	10.24 -0.09 -4.14	14.87 -0.31 -2.26	22.58 -0.67 -0.53	18.84 -0.67 -1.45	16.48 -0.73 -1.47	0.46 0.20 -5.43	3.80 0.05 -4.95	4.50 0.03 -5.25	6.08 -0.10 -4.01	1.35 0.04 -5.92	2.50 0.05 -4.43	2.17 0.31 -14.55
DUNKIRK___4 23566	17.57 -0.76 -0.18	12.99 -0.59 -1.19	4.00 -0.04 -3.43	1.29 0.08 -4.25	1.28 0.05 -4.27	1.27 0.06 -4.27	2.27 0.04 -3.93	7.50 -0.11 -2.70	10.89 -0.24 -1.71	7.19 -0.10 -2.64	15.29 -0.36 -1.16	18.70 -0.46 -0.93	10.24 -0.09 -4.14	14.87 -0.31 -2.26	22.58 -0.67 -0.53	18.84 -0.67 -1.45	16.48 -0.73 -1.47	0.46 0.20 -5.43	3.80 0.05 -4.95	4.50 0.03 -5.25	6.08 -0.10 -4.01	1.35 0.04 -5.92	2.50 0.05 -4.43	2.17 0.31 -14.55
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.09 0.96 -0.98	19.36 0.64 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.74	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.05 0.51 -9.12	18.96 0.27 -14.04	21.54 0.88 -6.17	24.34 1.16 -4.96	28.62 0.40 -22.02	25.83 0.87 -12.04	27.03 1.49 -2.82	26.93 1.15 -7.72	24.58 1.02 -7.82	23.37 -0.34 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.63 0.14 -21.32	26.59 -0.30 -31.49	21.47 -0.12 -23.58	63.98 -0.75 -77.42
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.97 0.87 -0.95	19.08 0.57 -6.13	18.25 0.03 -17.62	18.67 -0.13 -21.84	18.77 -0.13 -21.95	18.75 -0.14 -21.96	18.40 -0.08 -20.17	19.00 0.23 -13.86	18.68 0.47 -8.80	18.44 0.25 -13.55	21.24 0.79 -5.95	24.05 1.04 -4.78	27.81 0.36 -21.25	25.32 0.78 -11.62	26.78 1.33 -2.72	26.54 1.03 -7.45	24.20 0.92 -7.55	22.39 -0.31 -27.87	24.16 -0.07 -25.44	26.13 -0.05 -26.96	22.88 0.13 -20.58	25.51 -0.27 -30.39	20.66 -0.11 -22.76	61.35 -0.68 -74.73
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.15 1.02 -0.98	19.43 0.70 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.12 0.58 -9.12	19.01 0.33 -14.04	21.65 0.98 -6.17	33.76 1.37 -14.17	28.67 0.45 -22.03	25.93 0.96 -12.05	27.20 1.65 -2.83	27.07 1.28 -7.73	24.69 1.13 -7.83	23.34 -0.37 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.45 -0.14 -23.58	63.87 -0.86 -77.42
E179THST_13_KV_LOAD 356214	20.22 1.09 -0.98	19.48 0.75 -6.35	18.89 0.03 -18.25	19.42 -0.17 -22.63	19.52 -0.17 -22.73	19.50 -0.18 -22.75	19.10 -0.10 -20.90	19.57 0.30 -14.36	19.15 0.62 -9.12	19.03 0.34 -14.04	21.71 1.04 -6.17	33.84 1.44 -14.17	28.69 0.48 -22.03	25.98 1.01 -12.05	27.30 1.74 -2.83	27.14 1.36 -7.73	24.76 1.20 -7.83	23.32 -0.39 -28.88	25.06 -0.10 -26.36	27.09 -0.06 -27.93	23.66 0.17 -21.32	26.53 -0.35 -31.48	21.45 -0.15 -23.58	63.82 -0.91 -77.42
EAST HAMPTON___GT 23717	21.20 2.07 -0.98	20.11 1.38 -6.35	18.93 0.06 -18.26	19.27 -0.33 -22.64	19.36 -0.33 -22.74	19.35 -0.34 -22.75	19.02 -0.19 -20.90	19.80 0.53 -14.36	19.73 1.19 -9.12	19.37 0.68 -14.04	25.70 2.19 -9.02	26.02 2.76 -5.03	29.14 0.92 -22.03	27.03 1.98 -12.12	41.96 3.59 -15.65	40.81 2.86 -19.89	27.56 2.48 -9.34	67.64 -0.83 -73.64	43.64 -0.19 -45.03	37.36 -0.12 -38.27	27.42 0.35 -24.91	36.46 -0.72 -41.78	22.33 -0.29 -24.60	63.23 -1.52 -77.44
EAST RIVER___6 23660	20.11 0.98 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.08 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.43 -22.02	25.89 0.93 -12.04	27.14 1.60 -2.82	27.01 1.23 -7.72	24.66 1.10 -7.82	23.33 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.57 -0.32 -31.48	21.46 -0.14 -23.58	63.86 -0.87 -77.42

EAST RIVER___7 23524	20.11 0.98 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.08 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.43 -22.02	25.89 0.93 -12.04	27.14 1.60 -2.82	27.01 1.23 -7.72	24.66 1.10 -7.82	23.33 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.57 -0.32 -31.48	21.46 -0.14 -23.58	63.86 -0.87 -77.42
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.06 0.94 -0.98	19.34 0.62 -6.34	18.85 0.03 -18.21	19.40 -0.14 -22.59	19.50 -0.14 -22.69	19.49 -0.15 -22.70	19.08 -0.08 -20.85	19.49 0.25 -14.33	19.02 0.50 -9.10	18.92 0.27 -14.01	21.51 0.86 -6.16	24.30 1.13 -4.95	28.56 0.39 -21.98	25.78 0.84 -12.02	26.99 1.45 -2.81	26.88 1.12 -7.70	24.53 0.99 -7.80	23.32 -0.33 -28.82	25.02 -0.08 -26.30	27.04 -0.05 -27.87	23.59 0.14 -21.28	26.53 -0.29 -31.42	21.43 -0.12 -23.53	63.84 -0.74 -77.27
EAST_HAMPTON___DIESEL 23722	21.20 2.07 -0.98	20.12 1.39 -6.35	18.93 0.06 -18.26	19.26 -0.33 -22.64	19.36 -0.33 -22.74	19.35 -0.34 -22.75	19.02 -0.19 -20.90	19.81 0.54 -14.36	19.73 1.19 -9.12	19.37 0.68 -14.04	25.71 2.19 -9.02	26.02 2.76 -5.03	29.14 0.92 -22.03	27.03 1.99 -12.12	41.97 3.59 -15.65	40.81 2.86 -19.89	27.57 2.48 -9.34	67.64 -0.83 -73.64	43.64 -0.19 -45.03	37.36 -0.12 -38.27	27.42 0.35 -24.91	36.46 -0.72 -41.78	22.33 -0.29 -24.60	63.23 -1.52 -77.44
EAST_PULASKI___ESR 323781	17.83 -0.41 -0.09	12.71 -0.26 -0.59	2.30 -0.01 -1.71	-0.86 0.07 -2.12	-0.85 0.07 -2.13	-0.87 0.07 -2.13	0.30 0.03 -1.95	6.15 -0.09 -1.34	10.09 -0.18 -0.85	5.87 -0.09 -1.31	14.80 -0.27 -0.58	18.32 -0.37 -0.46	8.11 -0.14 -2.06	13.74 -0.31 -1.13	22.53 -0.45 -0.26	18.48 -0.30 -0.72	16.15 -0.32 -0.73	-2.37 0.10 -2.70	1.28 0.02 -2.47	1.84 0.01 -2.61	4.13 -0.03 -1.99	-1.57 0.09 -2.94	0.28 0.05 -2.20	-5.10 0.36 -7.24
EAST_RIVER___1 323558	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.98 0.29 -14.04	21.59 0.93 -6.17	24.43 1.25 -4.96	28.64 0.43 -22.02	25.88 0.92 -12.04	27.12 1.57 -2.82	26.99 1.22 -7.72	24.64 1.08 -7.82	23.34 -0.36 -28.87	25.07 -0.08 -26.35	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.92 -0.81 -77.42
EAST_RIVER___2 323559	20.11 0.98 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.08 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.43 -22.02	25.89 0.93 -12.04	27.14 1.60 -2.82	27.01 1.23 -7.72	24.66 1.10 -7.82	23.33 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.57 -0.32 -31.48	21.46 -0.14 -23.58	63.86 -0.87 -77.42
EAST___DELAWARE_HYD 23607	19.97 0.94 -0.88	18.66 0.61 -5.66	16.92 0.03 -16.29	17.01 -0.14 -20.20	17.10 -0.14 -20.29	17.08 -0.15 -20.30	16.87 -0.09 -18.64	17.97 0.24 -12.81	18.05 0.50 -8.14	17.43 0.25 -12.53	20.79 0.79 -5.51	23.72 1.07 -4.42	26.22 0.37 -19.66	24.47 0.79 -10.75	26.61 1.36 -2.52	26.03 1.08 -6.89	23.65 0.93 -6.98	20.30 -0.31 -25.78	22.25 -0.08 -23.53	24.10 -0.05 -24.92	21.33 0.14 -19.02	23.21 -0.28 -28.10	18.94 -0.12 -21.04	55.67 -0.72 -69.09
EIGHT_POINT___WT_PWR 323820	17.53 -0.83 -0.21	13.06 -0.66 -1.34	4.42 -0.04 -3.85	1.85 0.12 -4.77	1.82 0.08 -4.80	1.81 0.08 -4.80	2.75 0.03 -4.41	7.85 -0.09 -3.03	11.33 -0.01 -1.92	7.63 0.02 -2.96	15.77 -0.03 -1.30	19.49 0.22 -1.04	11.02 0.18 -4.65	15.96 0.50 -2.54	24.05 0.73 -0.59	20.23 0.54 -1.63	17.65 0.27 -1.65	0.86 -0.06 -6.09	4.40 0.04 -5.56	5.13 0.02 -5.89	6.62 -0.04 -4.50	2.00 -0.04 -6.64	3.04 0.05 -4.97	4.11 0.48 -16.33
ELBRIDGE_115KV_TB2 80188	18.11 -0.16 -0.13	13.06 -0.14 -0.82	2.95 -0.01 -2.35	-0.10 0.03 -2.91	-0.09 0.04 -2.92	-0.11 0.04 -2.92	1.02 0.02 -2.69	6.70 -0.06 -1.85	10.49 -0.10 -1.17	6.40 -0.05 -1.81	15.13 -0.16 -0.79	18.65 -0.22 -0.64	8.97 -0.05 -2.83	14.34 -0.13 -1.55	22.86 -0.23 -0.36	18.88 -0.17 -0.99	16.54 -0.21 -1.01	-1.40 0.06 -3.71	2.20 0.02 -3.39	2.82 0.01 -3.59	4.88 -0.03 -2.74	-0.53 0.03 -4.05	1.07 0.03 -3.03	-2.57 0.18 -9.95
ELEC_TRO_TEK 24086	20.30 1.17 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.15 0.61 -9.12	19.03 0.35 -14.04	24.68 1.16 -9.02	24.73 1.47 -5.03	28.71 0.49 -22.03	26.11 1.06 -12.12	40.29 1.91 -15.65	39.44 1.50 -19.89	26.14 1.30 -9.10	68.03 -0.43 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.69 0.19 -21.34	26.52 -0.37 -31.49	21.45 -0.15 -23.58	63.88 -0.87 -77.44
ELLENBURG_WT_PWR 323604	18.12 -0.02 0.00	12.23 -0.15 0.00	0.60 -0.01 0.00	-3.00 0.04 0.00	-3.00 0.05 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.91 0.00 0.00	9.49 0.07 0.00	4.70 0.06 0.00	14.69 0.19 0.00	18.42 0.20 0.00	6.20 0.02 0.00	12.95 0.03 0.00	22.69 -0.03 0.00	18.02 -0.04 0.00	15.76 0.02 0.00	-5.19 -0.02 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.99 -0.01 0.00	-12.84 -0.14 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.54 -0.79 -0.18	12.94 -0.60 -1.16	3.90 -0.04 -3.34	1.17 0.08 -4.13	1.17 0.06 -4.15	1.16 0.07 -4.16	2.17 0.04 -3.82	7.38 -0.15 -2.62	10.75 -0.34 -1.66	7.05 -0.16 -2.56	15.04 -0.59 -1.13	18.37 -0.76 -0.91	10.03 -0.18 -4.02	14.64 -0.49 -2.20	22.32 -0.92 -0.52	18.62 -0.85 -1.41	16.33 -0.83 -1.43	0.34 0.23 -5.28	3.67 0.06 -4.81	4.35 0.03 -5.10	5.95 -0.11 -3.89	1.22 0.07 -5.75	2.38 0.06 -4.31	1.80 0.36 -14.14
EMPIRE_CC_1 323656	19.85 0.53 -1.18	20.35 0.37 -7.59	22.46 0.02 -21.83	23.95 -0.08 -27.07	24.07 -0.08 -27.19	24.06 -0.08 -27.21	23.26 -0.05 -24.99	22.22 0.14 -17.17	20.57 0.24 -10.90	21.55 0.11 -16.79	22.24 0.36 -7.38	24.57 0.42 -5.93	32.68 0.14 -26.34	27.62 0.30 -14.40	26.64 0.54 -3.37	27.73 0.44 -9.23	25.46 0.37 -9.35	29.24 -0.12 -34.54	30.29 -0.03 -31.52	32.60 -0.02 -33.40	27.72 0.05 -25.50	32.95 -0.11 -37.66	26.17 -0.05 -28.20	79.62 -0.28 -92.60
EMPIRE_CC_2 323658	19.85 0.53 -1.18	20.35 0.37 -7.59	22.46 0.02 -21.83	23.95 -0.08 -27.07	24.07 -0.08 -27.19	24.06 -0.08 -27.21	23.26 -0.05 -24.99	22.22 0.14 -17.17	20.57 0.24 -10.90	21.55 0.11 -16.79	22.24 0.36 -7.38	24.57 0.42 -5.93	32.68 0.14 -26.34	27.62 0.30 -14.40	26.64 0.54 -3.37	27.73 0.44 -9.23	25.46 0.37 -9.35	29.24 -0.12 -34.54	30.29 -0.03 -31.52	32.60 -0.02 -33.40	27.72 0.05 -25.50	32.95 -0.11 -37.66	26.17 -0.05 -28.20	79.62 -0.28 -92.60
ENORWICH_115KV_TB1 80156	19.17 0.71 -0.31	14.79 0.41 -2.00	6.38 0.02 -5.76	3.99 -0.11 -7.14	4.01 -0.11 -7.17	4.00 -0.12 -7.18	4.83 -0.07 -6.59	9.62 0.18 -4.53	12.67 0.38 -2.88	9.24 0.16 -4.43	16.90 0.46 -1.95	20.26 0.47 -1.56	13.32 0.18 -6.95	17.11 0.39 -3.80	24.43 0.82 -0.89	21.34 0.85 -2.44	19.10 0.89 -2.47	3.62 -0.32 -9.11	7.04 -0.08 -8.31	7.98 -0.05 -8.81	9.04 0.14 -6.73	5.06 -0.27 -9.93	5.35 -0.10 -7.44	11.09 -0.64 -24.43

ERIE_ST__34_KV_TB1-2 80199	17.84 -0.49 -0.19	13.16 -0.42 -1.20	4.02 -0.03 -3.45	1.28 0.04 -4.28	1.28 0.03 -4.30	1.27 0.03 -4.30	2.28 0.02 -3.95	7.54 -0.08 -2.72	10.94 -0.20 -1.72	7.21 -0.09 -2.65	15.31 -0.35 -1.17	18.72 -0.44 -0.94	10.26 -0.09 -4.17	14.92 -0.28 -2.28	22.71 -0.54 -0.53	18.97 -0.54 -1.46	16.65 -0.56 -1.48	0.44 0.15 -5.46	3.82 0.04 -4.98	4.52 0.02 -5.28	6.12 -0.08 -4.03	1.35 0.00 -5.95	2.51 0.03 -4.46	2.13 0.18 -14.64
ERIE_WT_PWR 323693	17.62 -0.71 -0.18	13.02 -0.55 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.25 0.05 -4.25	1.24 0.05 -4.25	2.25 0.04 -3.91	7.47 -0.12 -2.68	10.84 -0.29 -1.70	7.14 -0.13 -2.62	15.17 -0.48 -1.15	18.56 -0.60 -0.93	10.17 -0.13 -4.12	14.78 -0.40 -2.25	22.47 -0.78 -0.53	18.76 -0.74 -1.44	16.45 -0.75 -1.46	0.43 0.20 -5.40	3.77 0.05 -4.93	4.47 0.02 -5.22	6.05 -0.11 -3.99	1.33 0.05 -5.88	2.48 0.06 -4.40	2.08 0.30 -14.47
ESPRGFLD_115KV_TB1 80157	18.69 0.71 0.17	11.75 0.45 1.08	-2.46 0.02 3.10	-6.99 -0.11 3.83	-7.01 -0.11 3.85	-7.03 -0.12 3.85	-5.27 -0.07 3.51	2.68 0.18 2.41	8.26 0.37 1.53	2.48 0.19 2.36	14.02 0.56 1.04	18.10 0.71 0.83	2.73 0.24 3.70	11.40 0.52 2.03	23.15 0.90 0.48	17.49 0.74 1.31	15.12 0.71 1.33	-10.30 -0.23 4.90	-5.73 -0.06 4.47	-5.55 -0.04 4.73	-1.34 0.10 3.61	-10.18 -0.24 5.34	-6.06 -0.08 4.00	-26.30 -0.48 13.12
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.58 0.20 -0.23	13.98 0.09 -1.51	4.95 0.00 -4.34	2.30 -0.03 -5.38	2.32 -0.03 -5.40	2.31 -0.03 -5.40	3.26 -0.02 -4.96	8.36 0.04 -3.41	11.68 0.10 -2.17	8.03 0.05 -3.34	16.07 0.11 -1.47	19.52 0.12 -1.18	11.47 0.05 -5.23	15.89 0.11 -2.86	23.68 0.28 -0.67	20.16 0.27 -1.83	17.83 0.24 -1.86	1.60 -0.09 -6.86	5.04 -0.02 -6.26	5.84 -0.01 -6.63	7.27 0.04 -5.06	2.78 -0.09 -7.48	3.59 -0.02 -5.60	5.57 -0.13 -18.39
ETNA____115KV_TB2 80207	18.58 0.20 -0.23	13.98 0.09 -1.51	4.95 0.00 -4.34	2.30 -0.03 -5.38	2.32 -0.03 -5.40	2.31 -0.03 -5.40	3.26 -0.02 -4.96	8.36 0.04 -3.41	11.68 0.10 -2.17	8.03 0.05 -3.34	16.07 0.11 -1.47	19.52 0.12 -1.18	11.47 0.05 -5.23	15.89 0.11 -2.86	23.68 0.28 -0.67	20.16 0.27 -1.83	17.83 0.24 -1.86	1.60 -0.09 -6.86	5.04 -0.02 -6.26	5.84 -0.01 -6.63	7.27 0.04 -5.06	2.78 -0.09 -7.48	3.59 -0.02 -5.60	5.57 -0.13 -18.39
EUCLID__115KV_TB2 356179	17.97 -0.28 -0.10	12.85 -0.20 -0.67	2.52 -0.01 -1.93	-0.61 0.05 -2.39	-0.60 0.05 -2.40	-0.61 0.05 -2.40	0.54 0.03 -2.21	6.33 -0.09 -1.51	10.21 -0.17 -0.96	6.04 -0.09 -1.48	14.85 -0.29 -0.65	18.37 -0.37 -0.52	8.40 -0.11 -2.32	13.95 -0.24 -1.27	22.59 -0.43 -0.30	18.52 -0.35 -0.82	16.23 -0.33 -0.82	-2.03 0.10 -3.04	1.60 0.03 -2.78	2.18 0.01 -2.94	4.37 -0.04 -2.25	-1.22 0.07 -3.32	0.54 0.04 -2.49	-4.26 0.27 -8.17
E_CANADA_CAP_HY 24051	20.63 0.96 -1.53	22.88 0.62 -9.88	29.06 0.03 -28.42	32.04 -0.15 -35.23	32.20 -0.15 -35.40	32.20 -0.16 -35.42	30.80 -0.09 -32.58	27.55 0.25 -22.39	24.12 0.49 -14.21	26.78 0.25 -21.88	24.84 0.72 -9.62	26.87 0.92 -7.72	40.83 0.31 -34.34	32.32 0.64 -18.75	28.27 1.16 -4.39	31.00 0.93 -12.01	28.78 0.87 -12.17	39.50 -0.28 -44.95	39.76 -0.07 -41.03	42.65 -0.05 -43.48	35.49 0.13 -33.19	44.12 -0.30 -49.02	34.62 -0.10 -36.71	107.21 -0.64 -120.54
E_CANADA_MHWK_HY 24050	18.20 0.06 0.00	12.39 0.01 0.00	0.60 0.00 0.00	-3.06 -0.01 0.00	-3.06 -0.01 0.00	-3.07 -0.01 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.62 -0.03 0.00	14.44 -0.05 0.00	18.15 -0.07 0.00	6.14 -0.05 0.00	12.79 -0.13 0.00	22.59 -0.13 0.00	18.03 -0.03 0.00	15.75 0.02 0.00	-5.18 -0.01 0.00	-1.21 -0.01 0.00	-0.79 -0.01 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.97 0.01 0.00	-12.75 -0.05 0.00
E_FISHKILL__LBMP 23776	19.97 0.83 -1.00	19.40 0.55 -6.47	19.24 0.02 -18.61	19.91 -0.13 -23.07	20.01 -0.13 -23.18	20.00 -0.13 -23.19	19.54 -0.07 -21.31	19.77 0.22 -14.64	19.16 0.44 -9.29	19.19 0.23 -14.31	21.53 0.74 -6.29	24.24 0.97 -5.05	28.98 0.34 -22.46	25.92 0.73 -12.28	26.84 1.24 -2.88	26.88 0.95 -7.87	24.56 0.85 -7.97	23.99 -0.28 -29.44	25.60 -0.07 -26.87	27.65 -0.04 -28.48	24.03 0.12 -21.74	27.25 -0.25 -32.10	21.95 -0.11 -24.04	65.60 -0.64 -78.94
FALCON__SEABRD_CC1 323796	18.33 0.18 0.00	12.37 0.00 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.03 0.02 0.00	-3.07 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.84 0.35 0.00	18.60 0.38 0.00	6.27 0.09 0.00	13.08 0.16 0.00	22.90 0.18 0.00	18.20 0.14 0.00	15.90 0.17 0.00	-5.25 -0.08 0.00	-1.22 -0.02 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.04 0.00	-13.01 -0.31 0.00
FALCON__SEABRD_CC2 323797	18.33 0.18 0.00	12.37 0.00 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.03 0.02 0.00	-3.07 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.84 0.35 0.00	18.60 0.38 0.00	6.27 0.09 0.00	13.08 0.16 0.00	22.90 0.18 0.00	18.20 0.14 0.00	15.90 0.17 0.00	-5.25 -0.08 0.00	-1.22 -0.02 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.04 0.00	-13.01 -0.31 0.00
FAR ROCKAWAY__4 23548	20.37 1.24 -0.98	19.59 0.86 -6.35	18.91 0.04 -18.26	19.38 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.22 -22.75	19.09 -0.12 -20.90	19.61 0.34 -14.36	19.26 0.73 -9.12	19.08 0.39 -14.04	24.84 1.33 -9.02	24.93 1.67 -5.03	28.78 0.56 -22.03	26.25 1.20 -12.12	40.54 2.16 -15.65	39.64 1.69 -19.89	26.31 1.47 -9.10	67.97 -0.49 -73.63	25.04 -0.11 -26.36	27.08 -0.07 -27.94	23.71 0.21 -21.34	26.47 -0.42 -31.49	21.42 -0.18 -23.58	63.73 -1.01 -77.44
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.13 1.00 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.53 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.08 0.54 -9.12	18.98 0.30 -14.04	21.60 0.93 -6.17	24.44 1.26 -4.96	28.65 0.43 -22.02	25.89 0.93 -12.04	27.13 1.59 -2.82	27.00 1.23 -7.72	24.65 1.09 -7.82	23.34 -0.36 -28.88	25.07 -0.09 -26.36	27.10 -0.05 -27.93	23.65 0.16 -21.32	26.57 -0.32 -31.49	21.46 -0.13 -23.58	63.92 -0.81 -77.42
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.14 1.01 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.90 0.94 -12.04	27.15 1.61 -2.82	27.01 1.24 -7.72	24.66 1.10 -7.82	23.34 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.91 -0.82 -77.42
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.13 1.00 -0.98	19.40 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.08 0.54 -9.12	18.98 0.29 -14.04	21.60 0.93 -6.17	24.43 1.25 -4.96	28.64 0.43 -22.02	25.89 0.92 -12.04	27.13 1.58 -2.82	27.00 1.22 -7.72	24.64 1.09 -7.82	23.34 -0.36 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.64 0.16 -21.32	26.57 -0.32 -31.48	21.46 -0.13 -23.58	63.92 -0.80 -77.42

FARRAGUT___LBMP 323566	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.07 0.53 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	24.42 1.24 -4.96	28.64 0.43 -22.02	25.88 0.91 -12.04	27.11 1.56 -2.82	26.98 1.21 -7.72	24.63 1.07 -7.82	23.34 -0.36 -28.87	25.07 -0.08 -26.35	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
FENNER___WINDPWR 24204	18.35 0.08 -0.13	13.27 0.03 -0.85	3.07 0.00 -2.46	0.00 -0.01 -3.05	0.00 -0.01 -3.06	-0.01 -0.01 -3.06	1.12 -0.01 -2.82	6.86 0.02 -1.93	10.69 0.04 -1.23	6.55 0.01 -1.89	15.36 0.03 -0.83	18.93 0.04 -0.67	9.17 0.01 -2.97	14.57 0.03 -1.62	23.25 0.14 -0.38	19.26 0.17 -1.04	16.96 0.17 -1.05	-1.35 -0.07 -3.89	2.33 -0.02 -3.55	2.97 -0.01 -3.76	5.07 0.03 -2.87	-0.41 -0.05 -4.24	1.18 -0.01 -3.18	-2.32 -0.05 -10.43
FIBERTEK___ENERGY 23856	18.17 -0.10 -0.12	13.07 -0.08 -0.78	2.84 0.00 -2.24	-0.25 0.02 -2.77	-0.24 0.02 -2.78	-0.25 0.03 -2.79	0.88 0.01 -2.56	6.62 -0.04 -1.76	10.46 -0.07 -1.12	6.32 -0.04 -1.72	15.11 -0.14 -0.76	18.65 -0.18 -0.61	8.84 -0.05 -2.70	14.30 -0.09 -1.48	22.89 -0.18 -0.34	18.87 -0.13 -0.94	16.54 -0.16 -0.96	-1.59 0.04 -3.54	2.04 0.01 -3.23	2.65 0.01 -3.42	4.76 -0.02 -2.61	-0.73 0.02 -3.86	0.93 0.02 -2.89	-3.07 0.14 -9.48
FITZPATRICK____ 23598	17.73 -0.50 -0.08	12.58 -0.34 -0.54	2.15 -0.02 -1.56	-1.02 0.09 -1.93	-1.01 0.09 -1.94	-1.03 0.09 -1.94	0.15 0.05 -1.78	5.97 -0.16 -1.23	9.90 -0.29 -0.78	5.69 -0.15 -1.20	14.53 -0.49 -0.53	18.02 -0.63 -0.42	7.87 -0.20 -1.88	13.52 -0.43 -1.03	22.20 -0.77 -0.24	18.10 -0.61 -0.66	15.84 -0.56 -0.67	-2.53 0.18 -2.46	1.09 0.04 -2.25	1.63 0.03 -2.38	3.91 -0.08 -1.82	-1.78 0.14 -2.69	0.10 0.07 -2.01	-5.64 0.45 -6.60
FLOWRFLD_69_KV_BK1 356044	20.54 1.41 -0.98	19.65 0.91 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.59 0.32 -14.36	19.27 0.74 -9.12	19.11 0.42 -14.04	24.88 1.36 -9.02	24.99 1.73 -5.03	28.80 0.58 -22.03	26.36 1.31 -12.12	40.79 2.42 -15.65	39.88 1.93 -19.89	26.83 1.67 -9.42	67.91 -0.56 -73.64	49.77 -0.13 -51.11	40.77 -0.08 -41.63	28.47 0.24 -26.07	40.04 -0.48 -45.12	22.77 -0.19 -24.94	63.72 -1.03 -77.44
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.15 1.03 -0.98	19.40 0.67 -6.35	18.88 0.03 -18.24	19.42 -0.15 -22.62	19.52 -0.16 -22.72	19.51 -0.16 -22.73	19.10 -0.09 -20.88	19.53 0.27 -14.35	19.08 0.55 -9.11	18.96 0.29 -14.02	21.58 0.93 -6.16	24.38 1.21 -4.95	28.61 0.42 -22.00	25.85 0.91 -12.02	27.09 1.55 -2.82	26.98 1.21 -7.71	24.61 1.06 -7.81	23.31 -0.36 -28.84	25.04 -0.08 -26.33	27.08 -0.05 -27.91	23.63 0.15 -21.31	26.55 -0.31 -31.46	21.45 -0.13 -23.56	63.90 -0.79 -77.38
FORT ORANGE____ 23900	20.12 0.76 -1.21	20.71 0.52 -7.81	23.10 0.03 -22.47	24.69 -0.12 -27.86	24.81 -0.12 -27.98	24.81 -0.13 -28.00	23.95 -0.07 -25.71	22.78 0.21 -17.67	21.01 0.38 -11.22	22.10 0.18 -17.27	22.67 0.58 -7.59	25.01 0.69 -6.10	33.53 0.24 -27.10	28.27 0.53 -14.82	27.15 0.95 -3.47	28.32 0.76 -9.50	26.03 0.66 -9.63	30.15 -0.22 -35.54	31.19 -0.05 -32.44	33.56 -0.03 -34.38	28.50 0.09 -26.24	33.96 -0.19 -38.75	26.96 -0.08 -29.02	82.09 -0.51 -95.30
FORT_DRUM_COGEN 23780	17.64 -0.57 -0.06	12.49 -0.30 -0.41	1.78 -0.01 -1.18	-1.51 0.07 -1.46	-1.51 0.06 -1.47	-1.54 0.05 -1.47	-0.33 0.02 -1.35	5.81 -0.03 -0.93	9.94 -0.07 -0.59	5.52 -0.03 -0.91	14.85 -0.04 -0.40	18.46 -0.09 -0.32	7.49 -0.12 -1.42	13.40 -0.30 -0.78	22.68 -0.23 -0.18	18.62 0.06 -0.50	16.20 -0.04 -0.51	-3.28 0.02 -1.86	0.48 -0.02 -1.70	1.01 -0.01 -1.80	3.59 0.04 -1.38	-2.49 0.07 -2.03	-0.40 0.06 -1.52	-7.36 0.34 -5.00
FPL_FAR_ROCK_GT1 24212	20.37 1.24 -0.98	19.59 0.86 -6.35	18.91 0.04 -18.26	19.38 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.22 -22.75	19.09 -0.12 -20.90	19.61 0.34 -14.36	19.26 0.72 -9.12	19.08 0.39 -14.04	24.84 1.33 -9.02	24.93 1.67 -5.03	28.78 0.56 -22.03	26.25 1.20 -12.12	40.54 2.17 -15.65	39.64 1.69 -19.89	26.31 1.47 -9.10	67.97 -0.49 -73.63	25.04 -0.11 -26.36	27.08 -0.07 -27.94	23.71 0.21 -21.34	26.47 -0.42 -31.49	21.42 -0.18 -23.58	63.72 -1.02 -77.44
FPL_FAR_ROCK_GT2 23815	20.37 1.24 -0.98	19.59 0.86 -6.35	18.91 0.04 -18.26	19.38 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.22 -22.75	19.09 -0.12 -20.90	19.61 0.34 -14.36	19.26 0.72 -9.12	19.08 0.39 -14.04	24.84 1.33 -9.02	24.93 1.67 -5.03	28.78 0.56 -22.03	26.25 1.20 -12.12	40.54 2.17 -15.65	39.64 1.69 -19.89	26.31 1.47 -9.10	67.97 -0.49 -73.63	25.04 -0.11 -26.36	27.08 -0.07 -27.94	23.71 0.21 -21.34	26.47 -0.42 -31.49	21.42 -0.18 -23.58	63.72 -1.02 -77.44
FRANKLIN_FALL_HYD 24054	18.14 0.00 0.00	12.27 -0.11 0.00	0.60 0.00 0.00	-3.01 0.03 0.00	-3.01 0.03 0.00	-3.05 0.02 0.00	-1.68 0.01 0.00	4.93 0.03 0.00	9.52 0.10 0.00	4.71 0.07 0.00	14.73 0.23 0.00	18.48 0.26 0.00	6.22 0.03 0.00	12.96 0.04 0.00	22.70 -0.03 0.00	18.04 -0.01 0.00	15.79 0.05 0.00	-5.19 -0.02 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.01 0.00	-4.63 -0.03 0.00	-2.00 -0.01 0.00	-12.85 -0.16 0.00
FREEPORT_EQUS_GT1 23764	20.42 1.29 -0.98	19.56 0.84 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.50 -0.19 -22.74	19.49 -0.20 -22.75	19.10 -0.11 -20.90	19.58 0.31 -14.36	19.20 0.66 -9.12	19.06 0.37 -14.04	24.78 1.26 -9.02	24.83 1.57 -5.03	28.74 0.52 -22.03	26.18 1.13 -12.12	40.42 2.04 -15.65	39.55 1.60 -19.89	26.22 1.39 -9.10	68.00 -0.46 -73.63	25.05 -0.10 -26.36	27.09 -0.07 -27.94	23.70 0.20 -21.34	26.49 -0.40 -31.49	21.43 -0.17 -23.58	63.79 -0.96 -77.44
FREEPORT___CT2 23818	20.42 1.29 -0.98	19.56 0.84 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.50 -0.19 -22.74	19.49 -0.20 -22.75	19.10 -0.11 -20.90	19.58 0.31 -14.36	19.20 0.66 -9.12	19.06 0.37 -14.04	24.78 1.26 -9.02	24.83 1.57 -5.03	28.74 0.52 -22.03	26.18 1.13 -12.12	40.42 2.04 -15.65	39.55 1.60 -19.89	26.22 1.39 -9.10	68.00 -0.46 -73.63	25.05 -0.10 -26.36	27.09 -0.07 -27.94	23.70 0.20 -21.34	26.49 -0.40 -31.49	21.43 -0.17 -23.58	63.79 -0.96 -77.44
FRESHKLS_33_KV_LOAD 356253	20.26 1.14 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.25	19.43 -0.15 -22.63	19.53 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.28 -14.04	21.59 0.92 -6.17	24.35 1.16 -4.97	28.64 0.42 -22.03	25.87 0.90 -12.05	27.07 1.52 -2.83	26.95 1.17 -7.73	24.59 1.03 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.56 -0.32 -31.48	21.46 -0.13 -23.58	63.96 -0.77 -77.42
FULTON COGEN____ 23766	17.95 -0.29 -0.10	12.83 -0.20 -0.65	2.47 -0.01 -1.87	-0.67 0.05 -2.32	-0.66 0.06 -2.33	-0.68 0.06 -2.33	0.48 0.03 -2.14	6.28 -0.10 -1.47	10.17 -0.18 -0.93	5.99 -0.10 -1.44	14.82 -0.31 -0.63	18.33 -0.40 -0.51	8.32 -0.12 -2.26	13.90 -0.26 -1.23	22.55 -0.46 -0.29	18.47 -0.37 -0.79	16.18 -0.36 -0.80	-2.11 0.11 -2.96	1.52 0.03 -2.70	2.09 0.01 -2.86	4.30 -0.05 -2.18	-1.30 0.07 -3.22	0.47 0.05 -2.42	-4.47 0.30 -7.93

FULTON___LFGE 323630	21.10 1.51 -1.44	22.67 0.99 -9.30	27.40 0.05 -26.74	29.88 -0.23 -33.16	30.03 -0.24 -33.31	30.02 -0.24 -33.33	28.84 -0.14 -30.67	26.37 0.39 -21.08	23.49 0.69 -13.38	25.53 0.28 -20.60	24.40 0.85 -9.06	26.49 0.99 -7.27	38.86 0.35 -32.32	31.22 0.65 -17.65	28.36 1.50 -4.13	30.44 1.08 -11.31	28.36 1.17 -11.46	36.78 -0.36 -42.31	37.31 -0.10 -38.62	40.08 -0.07 -40.92	33.59 0.19 -31.24	41.11 -0.42 -46.13	32.40 -0.16 -34.54	99.72 -1.03 -113.44
G.F.CEMENT___DRP 24184	20.45 1.04 -1.27	21.23 0.67 -8.19	24.18 0.04 -23.54	25.98 -0.17 -29.19	26.11 -0.17 -29.32	26.10 -0.17 -29.34	25.20 -0.10 -26.99	23.75 0.30 -18.55	21.77 0.57 -11.77	23.05 0.27 -18.13	23.33 0.87 -7.97	25.63 1.01 -6.40	34.98 0.35 -28.44	29.16 0.71 -15.54	27.66 1.30 -3.64	29.12 1.11 -9.95	26.78 0.96 -10.08	31.74 -0.33 -37.24	32.71 -0.08 -33.99	35.18 -0.05 -36.01	29.81 0.15 -27.49	35.69 -0.31 -40.60	28.30 -0.12 -30.40	86.40 -0.74 -99.84
GARDENVILLE___LBMP 24039	17.58 -0.75 -0.18	12.98 -0.58 -1.18	3.96 -0.04 -3.39	1.25 0.08 -4.21	1.24 0.06 -4.23	1.23 0.06 -4.23	2.24 0.04 -3.89	7.44 -0.14 -2.67	10.80 -0.31 -1.70	7.11 -0.15 -2.61	15.12 -0.53 -1.15	18.48 -0.67 -0.92	10.13 -0.16 -4.10	14.73 -0.43 -2.24	22.42 -0.83 -0.52	18.71 -0.78 -1.44	16.41 -0.79 -1.46	0.42 0.21 -5.37	3.75 0.06 -4.90	4.44 0.03 -5.20	6.02 -0.11 -3.97	1.32 0.06 -5.86	2.46 0.06 -4.39	2.05 0.34 -14.40
GARDNVLA_35_KV_LD 355827	17.65 -0.68 -0.18	13.04 -0.53 -1.19	3.99 -0.04 -3.42	1.26 0.07 -4.24	1.26 0.05 -4.26	1.25 0.05 -4.26	2.26 0.03 -3.91	7.48 -0.12 -2.69	10.85 -0.27 -1.71	7.15 -0.12 -2.63	15.19 -0.46 -1.16	18.58 -0.58 -0.93	10.19 -0.12 -4.13	14.82 -0.36 -2.25	22.54 -0.72 -0.53	18.81 -0.69 -1.44	16.49 -0.71 -1.47	0.42 0.18 -5.41	3.78 0.05 -4.93	4.47 0.02 -5.23	6.06 -0.10 -3.99	1.33 0.04 -5.89	2.48 0.05 -4.41	2.09 0.29 -14.50
GELCKHM___115KV_LOAD 80723	18.04 -0.22 -0.11	12.93 -0.16 -0.71	2.65 -0.01 -2.04	-0.47 0.04 -2.53	-0.46 0.05 -2.54	-0.47 0.05 -2.54	0.67 0.03 -2.34	6.44 -0.08 -1.61	10.30 -0.14 -1.02	6.15 -0.07 -1.57	14.95 -0.24 -0.69	18.48 -0.30 -0.55	8.56 -0.09 -2.47	14.08 -0.19 -1.35	22.71 -0.33 -0.31	18.65 -0.27 -0.86	16.35 -0.71 -0.87	-1.86 0.08 -3.23	1.76 0.02 -2.95	2.36 0.01 -3.12	4.52 -0.04 -2.38	-1.03 0.05 -3.52	0.69 0.04 -2.64	-3.81 0.23 -8.66
GENERAL___MILLS 23808	17.63 -0.70 -0.18	13.02 -0.55 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.26 0.05 -4.25	1.24 0.05 -4.25	2.25 0.04 -3.91	7.46 -0.12 -2.68	10.83 -0.29 -1.70	7.14 -0.13 -2.62	15.16 -0.49 -1.15	18.54 -0.62 -0.93	10.17 -0.14 -4.12	14.78 -0.39 -2.25	22.49 -0.76 -0.53	18.77 -0.73 -1.44	16.46 -0.74 -1.46	0.43 0.20 -5.40	3.77 0.05 -4.93	4.46 0.03 -5.22	6.05 -0.10 -3.99	1.33 0.05 -5.88	2.48 0.05 -4.40	2.08 0.30 -14.47
GE_PLASTICS___DRP 24183	19.99 0.63 -1.22	20.65 0.43 -7.83	23.15 0.02 -22.52	24.78 -0.10 -27.92	24.90 -0.11 -28.05	24.89 -0.11 -28.07	24.01 -0.06 -25.76	22.78 0.17 -17.70	20.97 0.32 -11.24	22.10 0.16 -17.30	22.59 0.49 -7.61	24.93 0.59 -6.11	33.54 0.20 -27.15	28.21 0.44 -14.85	26.99 0.79 -3.48	28.21 0.63 -9.52	25.92 0.54 -9.65	30.28 -0.18 -35.63	31.27 -0.04 -32.52	33.65 -0.03 -34.46	28.55 0.07 -26.31	34.09 -0.16 -38.85	27.04 -0.07 -29.09	82.42 -0.42 -95.53
GILBOA___1 23756	19.65 0.54 -0.97	18.99 0.37 -6.25	18.58 0.02 -17.95	19.12 -0.10 -22.26	19.21 -0.10 -22.36	19.21 -0.10 -22.37	18.81 -0.05 -20.55	19.17 0.14 -14.12	18.64 0.25 -8.97	18.58 0.13 -13.81	20.97 0.40 -6.07	23.61 0.51 -4.87	28.03 0.18 -21.66	25.14 0.38 -11.84	26.15 0.65 -2.77	26.16 0.51 -7.59	23.87 0.44 -7.69	23.09 -0.14 -28.40	24.69 -0.03 -25.92	26.67 -0.02 -27.47	23.20 0.06 -20.97	26.24 -0.13 -30.97	21.15 -0.05 -23.19	63.11 -0.35 -76.15
GILBOA___2 23757	19.65 0.54 -0.97	18.99 0.37 -6.25	18.58 0.02 -17.95	19.12 -0.10 -22.26	19.21 -0.10 -22.36	19.21 -0.10 -22.37	18.81 -0.05 -20.55	19.17 0.14 -14.12	18.64 0.25 -8.97	18.58 0.13 -13.81	20.97 0.40 -6.07	23.61 0.51 -4.87	28.03 0.18 -21.66	25.14 0.38 -11.84	26.15 0.65 -2.77	26.16 0.51 -7.59	23.87 0.44 -7.69	23.09 -0.14 -28.40	24.69 -0.03 -25.92	26.67 -0.02 -27.47	23.20 0.06 -20.97	26.24 -0.13 -30.97	21.15 -0.05 -23.19	63.11 -0.35 -76.15
GILBOA___3 23758	19.65 0.54 -0.97	18.99 0.37 -6.25	18.58 0.02 -17.95	19.12 -0.10 -22.26	19.21 -0.10 -22.36	19.21 -0.10 -22.37	18.81 -0.05 -20.55	19.17 0.14 -14.12	18.64 0.25 -8.97	18.58 0.13 -13.81	20.97 0.40 -6.07	23.61 0.51 -4.87	28.03 0.18 -21.66	25.14 0.38 -11.84	26.15 0.65 -2.77	26.16 0.51 -7.59	23.87 0.44 -7.69	23.09 -0.14 -28.40	24.69 -0.03 -25.92	26.67 -0.02 -27.47	23.20 0.06 -20.97	26.24 -0.13 -30.97	21.15 -0.05 -23.19	63.11 -0.35 -76.15
GILBOA___4 23759	19.65 0.54 -0.97	18.99 0.37 -6.25	18.58 0.02 -17.95	19.12 -0.10 -22.26	19.21 -0.10 -22.36	19.21 -0.10 -22.37	18.81 -0.05 -20.55	19.17 0.14 -14.12	18.64 0.25 -8.97	18.58 0.13 -13.81	20.97 0.40 -6.07	23.61 0.51 -4.87	28.03 0.18 -21.66	25.14 0.38 -11.84	26.15 0.65 -2.77	26.16 0.51 -7.59	23.87 0.44 -7.69	23.09 -0.14 -28.40	24.69 -0.03 -25.92	26.67 -0.02 -27.47	23.20 0.06 -20.97	26.24 -0.13 -30.97	21.15 -0.05 -23.19	63.11 -0.35 -76.15
GILBOA___ 23599	19.65 0.54 -0.97	18.99 0.37 -6.25	18.58 0.02 -17.95	19.12 -0.10 -22.26	19.21 -0.10 -22.36	19.21 -0.10 -22.37	18.81 -0.05 -20.55	19.17 0.14 -14.12	18.64 0.25 -8.97	18.58 0.13 -13.81	20.97 0.40 -6.07	23.61 0.51 -4.87	28.03 0.18 -21.66	25.14 0.38 -11.84	26.15 0.65 -2.77	26.16 0.51 -7.59	23.87 0.44 -7.69	23.08 -0.15 -28.40	24.69 -0.03 -25.92	26.67 -0.02 -27.47	23.20 0.06 -20.97	26.23 -0.13 -30.97	21.16 -0.05 -23.19	63.12 -0.34 -76.15
GINNA___ 23603	17.12 -1.16 -0.13	12.43 -0.82 -0.87	3.06 -0.04 -2.50	0.23 0.18 -3.09	0.23 0.17 -3.11	0.22 0.18 -3.11	1.27 0.10 -2.86	6.58 -0.29 -1.96	10.09 -0.57 -1.25	6.28 -0.28 -1.92	14.41 -0.93 -0.84	17.72 -1.18 -0.68	8.85 -0.35 -3.01	13.78 -0.78 -1.65	21.68 -1.44 -0.39	17.92 -1.19 -1.05	15.72 -1.08 -1.07	-0.89 0.33 -3.95	2.48 0.08 -3.60	3.08 0.05 -3.82	4.93 -0.15 -2.92	-0.08 0.22 -4.30	1.36 0.12 -3.22	-1.36 0.75 -10.58
GLEN PARK___ 23778	17.73 -0.48 -0.07	12.56 -0.24 -0.43	1.82 -0.01 -1.22	-1.47 0.06 -1.51	-1.48 0.05 -1.52	-1.50 0.04 -1.52	-0.29 0.01 -1.40	5.86 -0.01 -0.96	10.01 -0.02 -0.61	5.58 -0.01 -0.94	14.94 0.04 -0.41	18.55 -0.01 -0.33	7.57 -0.09 -1.47	13.50 -0.23 -0.80	22.81 -0.11 -0.19	18.73 0.15 -0.52	16.30 0.04 -0.52	-3.25 -0.01 -1.93	0.54 -0.02 -1.76	1.07 -0.02 -1.87	3.65 0.05 -1.42	-2.45 0.05 -2.10	-0.36 0.05 -1.57	-7.21 0.31 -5.17
GLENDALE_27_KV_LOAD 356172	20.24 1.11 -0.98	19.47 0.75 -6.35	18.89 0.03 -18.25	19.42 -0.17 -22.63	19.52 -0.17 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.56 0.29 -14.36	19.14 0.60 -9.12	19.02 0.33 -14.04	21.69 1.03 -6.17	33.78 1.39 -14.16	28.70 0.48 -22.03	26.00 1.02 -12.05	27.31 1.76 -2.83	27.15 1.37 -7.73	24.77 1.21 -7.83	23.31 -0.40 -28.88	25.06 -0.10 -26.36	27.09 -0.06 -27.93	23.66 0.17 -21.32	26.53 -0.35 -31.48	21.45 -0.15 -23.58	63.84 -0.89 -77.42

GLENWOOD_IC_1_G5 23712	20.28 1.16 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.56 0.29 -14.36	19.15 0.61 -9.12	19.02 0.33 -14.04	24.52 1.01 -9.02	24.55 1.29 -5.03	28.66 0.43 -22.03	25.99 0.95 -12.12	40.06 1.67 -15.65	39.25 1.31 -19.89	25.99 1.15 -9.10	68.08 -0.38 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.67 0.16 -21.34	26.56 -0.33 -31.49	21.45 -0.15 -23.58	63.87 -0.88 -77.44
GLENWOOD_IC_2_G1 23688	20.20 1.07 -0.98	19.43 0.70 -6.35	18.90 0.03 -18.26	19.43 -0.16 -22.64	19.53 -0.16 -22.74	19.52 -0.17 -22.75	19.12 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.57 -9.12	19.00 0.31 -14.04	24.53 1.01 -9.02	24.57 1.31 -5.03	28.67 0.45 -22.03	26.01 0.96 -12.12	40.07 1.69 -15.65	39.26 1.32 -19.89	26.00 1.16 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.67 0.17 -21.34	26.56 -0.33 -31.49	21.46 -0.14 -23.58	63.92 -0.83 -77.44
GLENWOOD_IC_3_G1 23689	20.20 1.07 -0.98	19.43 0.70 -6.35	18.90 0.03 -18.26	19.43 -0.16 -22.64	19.53 -0.16 -22.74	19.52 -0.17 -22.75	19.12 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.57 -9.12	19.00 0.31 -14.04	24.53 1.01 -9.02	24.57 1.31 -5.03	28.67 0.45 -22.03	26.01 0.96 -12.12	40.07 1.69 -15.65	39.26 1.32 -19.89	26.00 1.16 -9.10	68.07 -0.39 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.67 0.17 -21.34	26.56 -0.33 -31.49	21.46 -0.14 -23.58	63.92 -0.83 -77.44
GLENWOOD___4 23550	20.28 1.16 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.56 0.29 -14.36	19.15 0.61 -9.12	19.02 0.33 -14.04	24.57 1.05 -9.02	24.60 1.35 -5.03	28.67 0.45 -22.03	26.03 0.99 -12.12	40.12 1.74 -15.65	39.30 1.36 -19.89	26.03 1.19 -9.10	68.07 -0.40 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.67 0.17 -21.34	26.55 -0.34 -31.49	21.45 -0.15 -23.58	63.87 -0.88 -77.44
GLENWOOD___5 23614	20.28 1.16 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.56 0.29 -14.36	19.15 0.61 -9.12	19.02 0.33 -14.04	24.57 1.05 -9.02	24.60 1.35 -5.03	28.67 0.45 -22.03	26.03 0.99 -12.12	40.12 1.74 -15.65	39.30 1.36 -19.89	26.03 1.19 -9.10	68.07 -0.40 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.67 0.17 -21.34	26.55 -0.34 -31.49	21.45 -0.15 -23.58	63.87 -0.88 -77.44
GLOBAL GREEN_PORT_GT1 23814	21.12 1.99 -0.98	20.06 1.33 -6.35	18.92 0.06 -18.26	19.28 -0.31 -22.64	19.38 -0.31 -22.74	19.36 -0.32 -22.75	19.03 -0.18 -20.90	19.78 0.51 -14.36	19.67 1.13 -9.12	19.34 0.65 -14.04	25.62 2.11 -9.02	25.92 2.66 -5.03	29.11 0.89 -22.03	26.96 1.92 -12.12	41.84 3.47 -15.65	40.72 2.77 -19.89	27.48 2.40 -9.34	67.66 -0.80 -73.64	43.65 -0.18 -45.04	37.37 -0.12 -38.27	27.41 0.34 -24.91	36.48 -0.69 -41.78	22.34 -0.28 -24.60	63.28 -1.47 -77.44
GLOBE___DSASP 323697	17.11 -1.20 -0.17	12.60 -0.88 -1.10	3.70 -0.06 -3.16	1.03 0.15 -3.92	1.03 0.13 -3.94	1.03 0.16 -3.94	2.03 0.10 -3.62	7.08 -0.30 -2.48	10.38 -0.62 -1.58	6.75 -0.33 -2.43	14.50 -1.06 -1.07	17.67 -1.41 -0.86	9.59 -0.41 -3.82	14.05 -0.96 -2.09	21.53 -1.68 -0.49	17.91 -1.49 -1.34	15.77 -1.32 -1.35	0.24 0.41 -5.00	3.46 0.10 -4.57	4.13 0.07 -4.84	5.69 -0.17 -3.69	1.05 0.22 -5.43	2.20 0.12 -4.06	1.39 0.67 -13.41
GOETHSLN___LBMP 323567	20.03 0.90 -0.98	19.34 0.61 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.73	19.54 -0.14 -22.75	19.12 -0.08 -20.90	19.51 0.24 -14.36	19.02 0.49 -9.12	18.95 0.27 -14.04	21.51 0.84 -6.17	24.33 1.15 -4.96	28.61 0.39 -22.02	25.81 0.85 -12.04	26.99 1.44 -2.82	26.88 1.11 -7.72	24.55 0.99 -7.82	23.37 -0.33 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.63 0.14 -21.32	26.59 -0.29 -31.48	21.47 -0.12 -23.58	63.99 -0.73 -77.42
GOLAH___69_KV_TB 1_2 80279	17.94 -0.34 -0.14	13.00 -0.27 -0.89	3.16 -0.02 -2.57	0.18 0.03 -3.19	0.18 0.02 -3.21	0.16 0.02 -3.21	1.27 0.01 -2.95	6.88 -0.05 -2.02	10.59 -0.11 -1.28	6.57 -0.06 -1.98	15.13 -0.24 -0.87	18.62 -0.31 -0.70	9.24 -0.05 -3.10	14.45 -0.17 -1.70	22.76 -0.36 -0.40	18.79 -0.35 -1.09	16.47 -0.37 -1.10	-1.01 0.09 -4.07	2.53 0.02 -3.72	3.16 0.01 -3.94	5.12 -0.05 -3.01	-0.18 -0.02 -4.44	1.36 0.02 -3.32	-1.66 0.12 -10.91
GOODYEAR_LAKE_HYD 323669	18.96 0.57 -0.24	14.31 0.36 -1.57	5.14 0.02 -4.51	2.47 -0.09 -5.60	2.49 -0.09 -5.62	2.47 -0.10 -5.63	3.44 -0.05 -5.18	8.62 0.15 -3.56	11.98 0.30 -2.26	8.28 0.15 -3.48	16.49 0.47 -1.53	20.04 0.59 -1.23	11.86 0.20 -5.46	16.34 0.44 -2.98	24.17 0.75 -0.70	20.59 0.62 -1.91	18.25 0.57 -1.93	1.78 -0.19 -7.14	5.27 -0.05 -6.52	6.10 -0.03 -6.91	7.53 0.08 -5.27	3.00 -0.19 -7.79	3.78 -0.07 -5.83	6.05 -0.40 -19.15
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.62 0.15 -0.33	14.54 0.05 -2.11	6.68 0.00 -6.07	4.46 -0.02 -7.52	4.48 -0.03 -7.56	4.47 -0.03 -7.56	5.24 -0.02 -6.95	9.71 0.03 -4.78	12.52 0.07 -3.03	9.35 0.04 -4.67	16.66 0.11 -2.05	20.04 0.17 -1.65	13.58 0.07 -7.32	17.08 0.15 -4.00	23.88 0.21 -0.94	20.83 0.20 -2.57	18.50 0.16 -2.60	4.37 -0.06 -9.60	7.55 -0.01 -8.76	8.50 -0.01 -9.28	9.28 0.02 -7.09	5.79 -0.08 -10.47	5.83 -0.02 -7.84	12.94 -0.11 -25.74
GOUDEY___7 23579	18.63 0.16 -0.33	14.55 0.06 -2.11	6.68 0.00 -6.07	4.46 -0.03 -7.52	4.48 -0.03 -7.56	4.47 -0.03 -7.56	5.24 -0.02 -6.95	9.72 0.03 -4.78	12.53 0.08 -3.03	9.36 0.04 -4.67	16.67 0.13 -2.05	20.05 0.18 -1.65	13.59 0.07 -7.32	17.09 0.16 -4.00	23.89 0.23 -0.94	20.84 0.22 -2.57	18.51 0.17 -2.60	4.37 -0.07 -9.60	7.55 -0.01 -8.76	8.49 -0.01 -9.28	9.28 0.03 -7.09	5.78 -0.08 -10.47	5.83 -0.02 -7.84	12.93 -0.11 -25.74
GOUDEY___8 23580	18.62 0.15 -0.33	14.54 0.05 -2.11	6.68 0.00 -6.07	4.46 -0.02 -7.52	4.48 -0.03 -7.56	4.47 -0.03 -7.56	5.24 -0.02 -6.95	9.71 0.03 -4.78	12.52 0.07 -3.03	9.35 0.04 -4.67	16.66 0.11 -2.05	20.04 0.17 -1.65	13.58 0.07 -7.32	17.08 0.15 -4.00	23.88 0.21 -0.94	20.83 0.20 -2.57	18.50 0.16 -2.60	4.37 -0.06 -9.60	7.55 -0.01 -8.76	8.50 -0.01 -9.28	9.28 0.02 -7.09	5.79 -0.08 -10.47	5.83 -0.02 -7.84	12.94 -0.11 -25.74
GOWANUS_GT1_1 24077	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT1_2 24078	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42

GOWANUS_GT1_3 24079	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT1_4 24080	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT1_5 24084	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT1_6 24111	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT1_7 24112	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT1_8 24113	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_1 24114	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_2 24115	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_3 24116	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_4 24117	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_5 24118	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_6 24119	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_7 24120	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT2_8 24121	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT3_1 24122	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42

GOWANUS_GT3_2 24123	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT3_3 24124	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT3_4 24125	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT3_5 24126	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT3_6 24127	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT3_7 24128	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT3_8 24129	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_1 24130	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_2 24131	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_3 24132	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_4 24133	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_5 24134	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_6 24135	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_7 24136	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
GOWANUS_GT4_8 24137	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42

GREENBSH_115KV_TB3 55895	20.05 0.69 -1.22	20.70 0.47 -7.86	23.22 0.02 -22.58	24.85 -0.11 -28.00	24.98 -0.11 -28.14	24.97 -0.11 -28.15	24.09 -0.06 -25.85	22.86 0.19 -17.76	21.04 0.34 -11.28	22.18 0.17 -17.36	22.66 0.53 -7.63	25.00 0.64 -6.13	33.65 0.22 -27.25	28.30 0.48 -14.90	27.07 0.85 -3.49	28.29 0.68 -9.55	26.00 0.58 -9.68	30.37 -0.19 -35.73	31.36 -0.04 -32.61	33.75 -0.03 -34.56	28.63 0.08 -26.38	34.19 -0.17 -38.96	27.12 -0.07 -29.18	82.66 -0.45 -95.81
GREENDGE_115KV_TB5 80291	18.21 -0.14 -0.21	13.55 -0.16 -1.33	4.41 -0.01 -3.81	1.70 0.02 -4.73	1.71 0.00 -4.75	1.69 0.01 -4.75	2.67 0.00 -4.36	7.90 -0.01 -3.00	11.35 0.02 -1.90	7.60 0.02 -2.93	15.80 0.01 -1.29	19.35 0.09 -1.03	10.86 0.07 -4.60	15.63 0.19 -2.52	23.58 0.27 -0.59	19.88 0.21 -1.61	17.47 0.10 -1.63	0.82 -0.04 -6.03	4.30 0.01 -5.50	5.05 0.00 -5.83	6.62 0.00 -4.45	1.91 -0.06 -6.57	2.94 0.00 -4.92	3.54 0.07 -16.17
GREENIDGE___3 23582	18.21 -0.14 -0.21	13.55 -0.16 -1.33	4.41 -0.01 -3.81	1.70 0.02 -4.73	1.71 0.00 -4.75	1.69 0.01 -4.75	2.67 0.00 -4.36	7.90 -0.01 -3.00	11.35 0.02 -1.90	7.60 0.02 -2.93	15.80 0.01 -1.29	19.35 0.09 -1.03	10.86 0.07 -4.60	15.63 0.19 -2.52	23.58 0.27 -0.59	19.88 0.21 -1.61	17.47 0.10 -1.63	0.82 -0.04 -6.03	4.30 0.01 -5.50	5.05 0.00 -5.83	6.62 0.00 -4.45	1.91 -0.06 -6.57	2.94 0.00 -4.92	3.54 0.07 -16.17
GREENIDGE___4 23583	18.21 -0.14 -0.21	13.55 -0.16 -1.33	4.41 -0.01 -3.81	1.70 0.02 -4.73	1.71 0.00 -4.75	1.69 0.01 -4.75	2.67 0.00 -4.36	7.90 -0.01 -3.00	11.35 0.03 -1.90	7.60 0.02 -2.93	15.80 0.01 -1.29	19.35 0.09 -1.03	10.86 0.07 -4.60	15.63 0.19 -2.52	23.58 0.26 -0.59	19.87 0.20 -1.61	17.47 0.10 -1.63	0.82 -0.04 -6.03	4.30 0.01 -5.50	5.05 0.00 -5.83	6.62 0.00 -4.45	1.91 -0.06 -6.57	2.94 0.00 -4.92	3.54 0.07 -16.17
GREENLWN_69_KV_BK 3 55738	20.30 1.17 -0.98	19.49 0.76 -6.35	18.90 0.03 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.54 0.27 -14.36	19.14 0.60 -9.12	19.03 0.34 -14.04	24.66 1.15 -9.02	24.70 1.44 -5.03	28.69 0.47 -22.03	26.07 1.03 -12.12	40.28 1.91 -15.65	39.45 1.51 -19.89	26.12 1.33 -9.05	68.01 -0.45 -73.63	20.97 -0.11 -22.28	24.83 -0.07 -25.68	22.92 0.19 -20.56	24.26 -0.39 -29.25	21.22 -0.15 -23.36	63.88 -0.87 -77.44
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.10 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.84 -77.42
GRISSOM___SOLAR 323813	21.10 1.51 -1.44	22.67 0.99 -9.30	27.40 0.05 -26.74	29.88 -0.23 -33.16	30.03 -0.24 -33.31	30.02 -0.24 -33.33	28.84 -0.14 -30.67	26.37 0.39 -21.08	23.49 0.69 -13.38	25.53 0.28 -20.60	24.40 0.85 -9.06	26.49 0.99 -7.27	38.86 0.35 -32.32	31.22 0.65 -17.65	28.36 1.50 -4.13	30.44 1.08 -11.31	28.36 1.17 -11.46	36.78 -0.36 -42.31	37.31 -0.10 -38.62	40.08 -0.07 -40.92	33.59 0.19 -31.24	41.11 -0.42 -46.13	32.40 -0.16 -34.54	99.72 -1.03 -113.44
GROVEVILLE___HYD 323602	20.15 1.03 -0.98	19.40 0.67 -6.35	18.88 0.03 -18.24	19.42 -0.15 -22.62	19.52 -0.16 -22.72	19.51 -0.16 -22.73	19.10 -0.09 -20.88	19.53 0.27 -14.35	19.08 0.55 -9.11	18.96 0.29 -14.02	21.58 0.93 -6.16	24.38 1.21 -4.95	28.61 0.42 -22.00	25.85 0.91 -12.02	27.09 1.55 -2.82	26.98 1.21 -7.71	24.61 1.06 -7.81	23.31 -0.36 -28.84	25.04 -0.08 -26.33	27.08 -0.05 -27.91	23.63 0.15 -21.31	26.55 -0.31 -31.46	21.45 -0.13 -23.56	63.90 -0.79 -77.38
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.17 -0.10 -0.12	13.07 -0.08 -0.78	2.84 0.00 -2.24	-0.25 0.02 -2.77	-0.24 0.02 -2.78	-0.25 0.03 -2.79	0.88 0.01 -2.56	6.62 -0.04 -1.76	10.46 -0.07 -1.12	6.32 -0.04 -1.72	15.11 -0.14 -0.76	18.65 -0.18 -0.61	8.84 -0.05 -2.70	14.30 -0.09 -1.48	22.89 -0.18 -0.34	18.87 -0.13 -0.94	16.54 -0.16 -0.96	-1.59 0.04 -3.54	2.04 0.01 -3.23	2.65 0.01 -3.42	4.76 -0.02 -2.61	-0.73 0.02 -3.86	0.93 0.02 -2.89	-3.07 0.14 -9.48
HAMLTNNY_34_KV_TB 80303	18.18 -0.09 -0.13	13.11 -0.09 -0.82	2.96 -0.01 -2.35	-0.11 0.02 -2.92	-0.09 0.02 -2.93	-0.11 0.02 -2.93	1.02 0.01 -2.69	6.72 -0.04 -1.85	10.54 -0.05 -1.18	6.43 -0.03 -1.81	15.21 -0.09 -0.80	18.74 -0.12 -0.64	9.01 -0.02 -2.84	14.42 -0.06 -1.55	22.98 -0.11 -0.36	18.97 -0.08 -0.99	16.62 -0.12 -1.01	-1.42 0.03 -3.72	2.21 0.01 -3.40	2.82 0.00 -3.60	4.90 -0.02 -2.75	-0.54 0.00 -4.06	1.08 0.02 -3.04	-2.59 0.12 -9.98
HAMPSHIRE___PAPER_HYD 323593	17.67 -0.51 -0.03	12.30 -0.29 -0.21	1.21 -0.01 -0.61	-2.21 0.07 -0.76	-2.22 0.06 -0.77	-2.24 0.06 -0.76	-0.96 0.03 -0.70	5.33 -0.06 -0.48	9.61 -0.11 -0.31	5.06 -0.06 -0.47	14.54 -0.16 -0.21	18.19 -0.20 -0.17	6.79 -0.14 -0.74	12.96 -0.36 -0.41	22.26 -0.56 -0.09	18.01 -0.30 -0.26	15.74 -0.26 -0.26	-4.09 0.11 -0.97	-0.31 0.01 -0.89	0.17 0.01 -0.94	2.87 -0.01 -0.72	-3.45 0.09 -1.06	-1.15 0.05 -0.79	-9.82 0.27 -2.60
HARDSCRABBLE_WT_PWR 323673	18.16 0.02 0.00	12.35 -0.03 0.00	0.60 0.00 0.00	-3.05 -0.01 0.00	-3.05 -0.01 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.90 -0.01 0.00	9.39 -0.03 0.00	4.61 -0.04 0.00	14.41 -0.09 0.00	18.13 -0.10 0.00	6.13 -0.06 0.00	12.77 -0.15 0.00	22.58 -0.15 0.00	18.01 -0.05 0.00	15.75 0.01 0.00	-5.17 0.00 0.00	-1.21 -0.01 0.00	-0.80 -0.02 0.00	2.17 0.00 0.00	-4.62 -0.02 0.00	-1.95 0.03 0.00	-12.69 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.00 0.93 -0.92	18.94 0.62 -5.94	17.72 0.03 -17.08	18.00 -0.14 -21.18	18.09 -0.14 -21.28	18.08 -0.15 -21.29	17.78 -0.08 -19.56	18.59 0.25 -13.44	18.44 0.49 -8.53	18.04 0.25 -13.14	21.09 0.82 -5.78	23.94 1.08 -4.64	27.19 0.38 -20.62	25.01 0.81 -11.27	26.76 1.39 -2.64	26.36 1.08 -7.22	24.01 0.95 -7.32	21.54 -0.32 -27.03	23.39 -0.08 -24.67	25.31 -0.05 -26.14	22.26 0.14 -19.96	24.58 -0.29 -29.47	19.97 -0.12 -22.07	59.05 -0.73 -72.47
HARSNRAD_115KV_TB1 81005	17.35 -0.96 -0.17	12.76 -0.71 -1.09	3.68 -0.05 -3.13	0.94 0.09 -3.88	0.93 0.08 -3.90	0.92 0.09 -3.90	1.95 0.06 -3.58	7.16 -0.21 -2.46	10.53 -0.45 -1.56	6.82 -0.23 -2.41	14.74 -0.81 -1.06	18.01 -1.07 -0.85	9.68 -0.28 -3.77	14.29 -0.69 -2.07	21.94 -1.27 -0.48	18.27 -1.11 -1.32	16.03 -1.05 -1.34	0.07 0.29 -4.95	3.39 0.07 -4.52	4.05 0.04 -4.79	5.68 -0.14 -3.66	0.91 0.12 -5.40	2.14 0.08 -4.04	1.03 0.46 -13.27
HARZA MOOSE___RIVER 24016	17.93 -0.26 -0.04	12.54 -0.11 -0.27	1.39 0.00 -0.78	-2.04 0.03 -0.97	-2.05 0.02 -0.98	-2.07 0.02 -0.98	-0.79 0.00 -0.90	5.52 -0.01 -0.62	9.80 -0.01 -0.39	5.24 -0.01 -0.60	14.71 -0.01 -0.27	18.41 -0.03 -0.21	7.06 -0.07 -0.95	13.25 -0.19 -0.52	22.74 -0.11 -0.12	18.45 0.06 -0.33	16.13 0.06 -0.34	-3.94 -0.01 -1.24	-0.09 -0.02 -1.13	0.41 -0.01 -1.20	3.12 0.04 -0.92	-3.23 0.02 -1.35	-0.94 0.03 -1.01	-9.27 0.09 -3.33

HDSNBRDG_115KV_BRDG_TB1 355580	18.05 -0.20 -0.11	12.94 -0.15 -0.71	2.65 -0.01 -2.05	-0.47 0.04 -2.53	-0.46 0.04 -2.55	-0.47 0.04 -2.55	0.68 0.02 -2.34	6.45 -0.07 -1.61	10.31 -0.13 -1.02	6.15 -0.07 -1.57	14.96 -0.22 -0.69	18.49 -0.29 -0.56	8.57 -0.08 -2.47	14.10 -0.17 -1.35	22.72 -0.32 -0.31	18.67 -0.25 -0.86	16.37 -0.24 -0.88	-1.87 0.07 -3.23	1.77 0.02 -2.95	2.36 0.01 -3.13	4.52 -0.04 -2.39	-1.03 0.04 -3.53	0.69 0.03 -2.64	-3.81 0.21 -8.67
HELLGATE_13_KV_LD 55870	20.19 1.06 -0.98	19.44 0.72 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.12 0.58 -9.12	19.01 0.32 -14.04	21.66 0.99 -6.17	33.75 1.35 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.69 -2.83	27.09 1.31 -7.73	24.72 1.16 -7.83	23.32 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.16 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.19 1.06 -0.98	19.44 0.72 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.12 0.58 -9.12	19.01 0.32 -14.04	21.66 0.99 -6.17	33.75 1.35 -14.17	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.69 -2.83	27.09 1.31 -7.73	24.72 1.16 -7.83	23.32 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.16 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
HEMPSTEAD____ 23647	20.27 1.14 -0.98	19.47 0.74 -6.35	18.90 0.03 -18.26	19.43 -0.17 -22.64	19.53 -0.17 -22.74	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.54 0.28 -14.36	19.13 0.59 -9.12	19.02 0.34 -14.04	24.62 1.11 -9.02	24.65 1.40 -5.03	28.69 0.47 -22.03	26.06 1.02 -12.12	40.20 1.83 -15.65	39.38 1.43 -19.89	26.08 1.25 -9.10	68.05 -0.42 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.68 0.18 -21.34	26.54 -0.36 -31.49	21.45 -0.15 -23.58	63.88 -0.87 -77.44
HEWLETT__69_KV_BK3 55828	20.38 1.25 -0.98	19.57 0.85 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.49 -0.20 -22.74	19.48 -0.21 -22.75	19.09 -0.12 -20.90	19.59 0.32 -14.36	19.22 0.69 -9.12	19.06 0.37 -14.04	24.78 1.27 -9.02	24.86 1.60 -5.03	28.75 0.53 -22.03	26.19 1.15 -12.12	40.44 2.06 -15.65	39.56 1.61 -19.89	26.25 1.41 -9.10	68.00 -0.47 -73.63	25.05 -0.11 -26.36	27.09 -0.07 -27.94	23.70 0.20 -21.34	26.49 -0.40 -31.49	21.44 -0.17 -23.58	63.78 -0.96 -77.44
HICKLING__1 23621	18.33 -0.07 -0.26	13.95 -0.13 -1.70	5.48 -0.01 -4.88	3.02 0.00 -6.05	3.02 -0.01 -6.08	3.01 -0.01 -6.08	3.89 -0.01 -5.59	8.74 -0.01 -3.84	11.89 0.04 -2.44	8.45 0.05 -3.76	16.27 0.12 -1.65	19.80 0.25 -1.33	12.19 0.11 -5.89	16.43 0.28 -3.22	23.87 0.39 -0.75	20.45 0.33 -2.06	18.05 0.22 -2.09	2.48 -0.08 -7.72	5.84 0.00 -7.05	6.69 0.00 -7.47	7.89 0.02 -5.70	3.73 -0.09 -8.42	4.31 -0.01 -6.31	8.02 0.00 -20.71
HICKLING__2 23622	18.33 -0.07 -0.26	13.95 -0.13 -1.70	5.48 -0.01 -4.88	3.02 0.00 -6.05	3.02 -0.01 -6.08	3.01 -0.01 -6.08	3.89 -0.01 -5.59	8.74 -0.01 -3.84	11.89 0.04 -2.44	8.45 0.05 -3.76	16.27 0.12 -1.65	19.80 0.25 -1.33	12.19 0.11 -5.89	16.43 0.28 -3.22	23.87 0.39 -0.75	20.45 0.33 -2.06	18.05 0.22 -2.09	2.48 -0.08 -7.72	5.84 0.00 -7.05	6.69 0.00 -7.47	7.89 0.02 -5.70	3.73 -0.09 -8.42	4.31 -0.01 -6.31	8.02 0.00 -20.71
HIGH FALLS__HY 23754	20.10 0.99 -0.96	19.23 0.64 -6.21	18.51 0.03 -17.87	18.97 -0.14 -22.16	19.07 -0.14 -22.26	19.05 -0.15 -22.27	18.67 -0.09 -20.45	19.22 0.25 -14.06	18.86 0.52 -8.92	18.67 0.27 -13.75	21.40 0.86 -6.04	24.25 1.17 -4.86	28.18 0.41 -21.58	25.60 0.88 -11.80	26.99 1.50 -2.76	26.79 1.17 -7.56	24.44 1.04 -7.66	22.78 -0.34 -28.30	24.53 -0.08 -25.82	26.51 -0.05 -27.34	23.19 0.15 -20.87	25.91 -0.31 -30.82	20.97 -0.13 -23.08	62.32 -0.78 -75.79
HILLBURN__GT 23639	20.01 0.93 -0.93	19.03 0.62 -6.03	17.97 0.03 -17.34	18.31 -0.14 -21.50	18.41 -0.14 -21.59	18.39 -0.15 -21.60	18.07 -0.08 -19.85	18.79 0.25 -13.64	18.57 0.49 -8.66	18.23 0.25 -13.33	21.17 0.81 -5.86	24.01 1.08 -4.71	27.49 0.38 -20.92	25.17 0.81 -11.43	26.79 1.38 -2.68	26.45 1.06 -7.33	24.11 0.94 -7.43	21.94 -0.32 -27.43	23.75 -0.08 -25.03	25.70 -0.05 -26.53	22.55 0.14 -20.25	25.02 -0.28 -29.90	20.29 -0.12 -22.39	60.11 -0.73 -73.53
HILLSIDE_115KV_TB1 80332	18.29 -0.12 -0.27	13.95 -0.17 -1.75	5.63 -0.01 -5.03	3.21 0.02 -6.23	3.22 0.00 -6.26	3.21 0.01 -6.27	4.07 0.00 -5.76	8.82 -0.04 -3.96	11.90 -0.03 -2.51	8.51 0.00 -3.87	16.19 0.00 -1.70	19.66 0.07 -1.37	12.30 0.04 -6.07	16.37 0.13 -3.32	23.59 0.08 -0.78	20.31 0.12 -2.13	17.94 0.05 -2.15	2.76 -0.02 -7.95	6.06 0.01 -7.26	6.91 0.00 -7.69	8.04 0.01 -5.87	4.02 -0.05 -8.67	4.51 0.00 -6.49	8.68 0.05 -21.33
HISHELDN_WT_PWR 323625	17.38 -0.97 -0.20	12.95 -0.71 -1.28	4.23 -0.05 -3.67	1.63 0.12 -4.55	1.63 0.10 -4.57	1.61 0.10 -4.58	2.57 0.06 -4.20	7.60 -0.19 -2.89	10.85 -0.40 -1.83	7.30 -0.17 -2.82	15.18 -0.56 -1.24	18.57 -0.66 -1.00	10.46 -0.16 -4.43	14.93 -0.41 -2.42	22.49 -0.81 -0.57	18.82 -0.79 -1.55	16.50 -0.80 -1.57	0.86 0.22 -5.81	4.16 0.07 -5.30	4.88 0.04 -5.61	6.32 -0.13 -4.29	1.85 0.13 -6.33	2.85 0.09 -4.74	3.39 0.52 -15.57
HOLTSVILLE_IC_1 23690	20.45 1.33 -0.98	19.60 0.87 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.50 -0.20 -22.74	19.48 -0.20 -22.75	19.10 -0.12 -20.90	19.58 0.31 -14.36	19.23 0.69 -9.12	19.08 0.39 -14.04	24.80 1.29 -9.02	24.88 1.62 -5.03	28.76 0.54 -22.03	26.26 1.21 -12.12	40.60 2.23 -15.65	39.73 1.78 -19.89	26.61 1.53 -9.34	67.95 -0.52 -73.64	43.38 -0.12 -44.70	37.23 -0.07 -38.08	27.22 0.22 -24.84	36.55 -0.44 -41.59	22.42 -0.18 -24.59	63.78 -0.97 -77.44
HOLTSVILLE_IC_10 23699	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.32 -14.36	19.28 0.74 -9.12	19.11 0.43 -14.04	24.90 1.39 -9.02	25.01 1.75 -5.03	28.81 0.59 -22.03	26.37 1.32 -12.12	40.79 2.42 -15.65	39.88 1.93 -19.89	26.76 1.66 -9.35	67.91 -0.56 -73.64	44.52 -0.13 -45.86	37.86 -0.08 -38.72	27.46 0.23 -25.06	37.15 -0.48 -42.23	22.47 -0.20 -24.65	63.71 -1.04 -77.44
HOLTSVILLE_IC_2 23691	20.45 1.33 -0.98	19.60 0.87 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.50 -0.20 -22.74	19.48 -0.20 -22.75	19.10 -0.12 -20.90	19.58 0.31 -14.36	19.23 0.69 -9.12	19.08 0.39 -14.04	24.80 1.29 -9.02	24.88 1.62 -5.03	28.76 0.54 -22.03	26.26 1.21 -12.12	40.60 2.23 -15.65	39.73 1.78 -19.89	26.61 1.53 -9.34	67.95 -0.52 -73.64	43.38 -0.12 -44.70	37.23 -0.07 -38.08	27.22 0.22 -24.84	36.55 -0.44 -41.59	22.42 -0.18 -24.59	63.78 -0.97 -77.44
HOLTSVILLE_IC_3 23692	20.45 1.33 -0.98	19.60 0.87 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.50 -0.20 -22.74	19.48 -0.20 -22.75	19.10 -0.12 -20.90	19.58 0.31 -14.36	19.23 0.69 -9.12	19.08 0.39 -14.04	24.80 1.29 -9.02	24.88 1.62 -5.03	28.76 0.54 -22.03	26.26 1.21 -12.12	40.60 2.23 -15.65	39.73 1.78 -19.89	26.61 1.53 -9.34	67.95 -0.52 -73.64	43.38 -0.12 -44.70	37.23 -0.07 -38.08	27.22 0.22 -24.84	36.55 -0.44 -41.59	22.42 -0.18 -24.59	63.78 -0.97 -77.44

HOLTSVILLE_IC_4 23693	20.45 1.33 -0.98	19.60 0.87 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.50 -0.20 -22.74	19.48 -0.20 -22.75	19.10 -0.12 -20.90	19.58 0.31 -14.36	19.23 0.69 -9.12	19.08 0.39 -14.04	24.80 1.29 -9.02	24.88 1.62 -5.03	28.76 0.54 -22.03	26.26 1.21 -12.12	40.60 2.23 -15.65	39.73 1.78 -19.89	26.61 1.53 -9.34	67.95 -0.52 -73.64	43.38 -0.12 -44.70	37.23 -0.07 -38.08	27.22 0.22 -24.84	36.55 -0.44 -41.59	22.42 -0.18 -24.59	63.78 -0.97 -77.44
HOLTSVILLE_IC_5 23694	20.45 1.33 -0.98	19.60 0.87 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.50 -0.20 -22.74	19.48 -0.20 -22.75	19.10 -0.12 -20.90	19.58 0.31 -14.36	19.23 0.69 -9.12	19.08 0.39 -14.04	24.80 1.29 -9.02	24.88 1.62 -5.03	28.76 0.54 -22.03	26.26 1.21 -12.12	40.60 2.23 -15.65	39.73 1.78 -19.89	26.61 1.53 -9.34	67.95 -0.52 -73.64	43.38 -0.12 -44.70	37.23 -0.07 -38.08	27.22 0.22 -24.84	36.55 -0.44 -41.59	22.42 -0.18 -24.59	63.78 -0.97 -77.44
HOLTSVILLE_IC_6 23695	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.32 -14.36	19.28 0.74 -9.12	19.11 0.43 -14.04	24.90 1.39 -9.02	25.01 1.75 -5.03	28.81 0.59 -22.03	26.37 1.32 -12.12	40.79 2.42 -15.65	39.88 1.93 -19.89	26.76 1.66 -9.35	67.91 -0.56 -73.64	44.52 -0.13 -45.86	37.86 -0.08 -38.72	27.46 0.23 -25.06	37.15 -0.48 -42.23	22.47 -0.20 -24.65	63.71 -1.04 -77.44
HOLTSVILLE_IC_7 23696	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.32 -14.36	19.28 0.74 -9.12	19.11 0.43 -14.04	24.90 1.39 -9.02	25.01 1.75 -5.03	28.81 0.59 -22.03	26.37 1.32 -12.12	40.79 2.42 -15.65	39.88 1.93 -19.89	26.76 1.66 -9.35	67.91 -0.56 -73.64	44.52 -0.13 -45.86	37.86 -0.08 -38.72	27.46 0.23 -25.06	37.15 -0.48 -42.23	22.47 -0.20 -24.65	63.71 -1.04 -77.44
HOLTSVILLE_IC_8 23697	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.32 -14.36	19.28 0.74 -9.12	19.11 0.43 -14.04	24.90 1.39 -9.02	25.01 1.75 -5.03	28.81 0.59 -22.03	26.37 1.32 -12.12	40.79 2.42 -15.65	39.88 1.93 -19.89	26.76 1.66 -9.35	67.91 -0.56 -73.64	44.52 -0.13 -45.86	37.86 -0.08 -38.72	27.46 0.23 -25.06	37.15 -0.48 -42.23	22.47 -0.20 -24.65	63.71 -1.04 -77.44
HOLTSVILLE_IC_9 23698	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.32 -14.36	19.28 0.74 -9.12	19.11 0.43 -14.04	24.90 1.39 -9.02	25.01 1.75 -5.03	28.81 0.59 -22.03	26.37 1.32 -12.12	40.79 2.42 -15.65	39.88 1.93 -19.89	26.76 1.66 -9.35	67.91 -0.56 -73.64	44.52 -0.13 -45.86	37.86 -0.08 -38.72	27.46 0.23 -25.06	37.15 -0.48 -42.23	22.47 -0.20 -24.65	63.71 -1.04 -77.44
HOMER_HL_115KV_TB2 355744	18.39 0.04 -0.20	13.61 -0.07 -1.31	4.36 -0.02 -3.76	1.60 -0.03 -4.66	1.60 -0.04 -4.69	1.58 -0.04 -4.69	2.59 -0.02 -4.31	7.93 0.06 -2.96	11.39 0.09 -1.88	7.60 0.06 -2.89	15.92 0.15 -1.27	19.44 0.20 -1.02	10.82 0.09 -4.54	15.54 0.13 -2.48	23.46 0.15 -0.58	19.67 0.02 -1.59	17.27 -0.07 -1.61	0.78 0.00 -5.95	4.24 0.01 -5.43	4.97 0.00 -5.76	6.54 -0.02 -4.39	1.77 -0.12 -6.49	2.86 -0.02 -4.86	3.14 -0.12 -15.96
HOWARD_WT_PWR 323690	17.53 -0.83 -0.21	13.08 -0.66 -1.36	4.49 -0.04 -3.92	1.94 0.12 -4.86	1.91 0.08 -4.89	1.91 0.08 -4.89	2.83 0.03 -4.49	7.91 -0.09 -3.09	11.36 -0.01 -1.96	7.69 0.02 -3.02	15.79 -0.03 -1.33	19.50 0.21 -1.07	11.10 0.17 -4.73	15.99 0.49 -2.59	24.04 0.70 -0.61	20.24 0.52 -1.66	17.67 0.26 -1.68	0.98 -0.06 -6.20	4.51 0.05 -5.66	5.24 0.02 -6.00	6.71 -0.04 -4.58	2.13 -0.03 -6.76	3.13 0.05 -5.06	4.42 0.48 -16.63
HQ_GEN_CEDARS 23644	17.89 -0.25 0.00	12.21 -0.17 0.00	0.60 -0.01 0.00	-3.00 0.04 0.00	-3.01 0.04 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.87 -0.04 0.00	9.33 -0.08 0.00	4.60 -0.05 0.00	14.36 -0.14 0.00	18.05 -0.18 -0.28	6.11 -0.08 0.00	12.72 -0.20 0.00	22.35 -0.38 0.00	17.79 -0.27 0.00	15.52 -0.21 0.00	-5.09 0.08 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.52 0.08 0.00	-1.96 0.02 0.00	-12.58 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	17.89 -0.25 0.00	12.21 -0.17 0.00	0.60 -0.01 0.00	-3.00 0.04 0.00	-3.01 0.04 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.87 -0.04 0.00	9.33 -0.08 0.00	4.60 -0.05 0.00	14.36 -0.14 0.00	18.34 -0.18 -0.28	6.11 -0.08 0.00	12.72 -0.20 0.00	22.35 -0.38 0.00	17.79 -0.27 0.00	15.64 -0.22 -0.12	-5.09 0.08 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.52 0.08 0.00	-1.63 0.02 -0.34	-12.58 0.11 0.00
HQ_GEN_IMPORT 323601	17.90 -0.24 0.00	12.22 -0.16 0.00	0.60 -0.01 0.00	-3.00 0.04 0.00	-3.01 0.04 0.00	-3.03 0.04 0.00	-1.67 0.02 0.00	4.85 -0.05 0.00	9.31 -0.11 0.00	4.59 -0.06 0.00	14.33 -0.17 0.00	18.01 -0.21 0.00	6.11 -0.08 0.00	12.75 -0.17 0.00	22.43 -0.30 0.00	17.82 -0.24 0.00	15.54 -0.20 0.00	-5.10 0.07 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.53 0.07 0.00	-1.96 0.02 0.00	-12.56 0.13 0.00
HQ_GEN_WHEEL 23651	17.90 -0.24 0.00	12.22 -0.16 0.00	0.60 -0.01 0.00	-3.00 0.04 0.00	-3.01 0.04 0.00	-3.03 0.04 0.00	-1.67 0.02 0.00	4.85 -0.05 0.00	9.31 -0.11 0.00	4.59 -0.06 0.00	14.33 -0.17 0.00	18.01 -0.21 0.00	6.11 -0.08 0.00	12.75 -0.17 0.00	22.43 -0.30 0.00	17.82 -0.24 0.00	15.54 -0.20 0.00	-5.10 0.07 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.53 0.07 0.00	-1.96 0.02 0.00	-12.56 0.13 0.00
HUDSON_AVE_GT_3 23810	20.15 1.02 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.43 -0.15 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.90 0.94 -12.04	27.16 1.61 -2.82	27.02 1.24 -7.72	24.66 1.10 -7.82	23.34 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
HUDSON_AVE_GT_4 23540	20.15 1.02 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.43 -0.15 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.90 0.94 -12.04	27.16 1.61 -2.82	27.02 1.24 -7.72	24.66 1.10 -7.82	23.34 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
HUDSON_AVE_GT_5 23657	20.15 1.02 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.43 -0.15 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.90 0.94 -12.04	27.16 1.61 -2.82	27.02 1.24 -7.72	24.66 1.10 -7.82	23.34 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42

HUDSON_AVE_10 24168	20.09 0.96 -0.98	19.37 0.65 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.26 -14.36	19.06 0.52 -9.12	18.97 0.29 -14.04	21.56 0.89 -6.17	24.40 1.22 -4.96	28.63 0.41 -22.02	25.85 0.89 -12.04	27.06 1.52 -2.82	26.95 1.17 -7.72	24.60 1.04 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.09 -0.05 -27.92	23.63 0.15 -21.31	26.57 -0.30 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
HUDSON___115KV_TB 4 355613	20.28 0.95 -1.19	20.65 0.63 -7.64	22.61 0.03 -21.97	24.05 -0.15 -27.24	24.17 -0.15 -27.37	24.16 -0.16 -27.38	23.36 -0.09 -25.14	22.44 0.26 -17.28	20.87 0.48 -10.97	21.76 0.22 -16.89	22.63 0.71 -7.42	25.01 0.83 -5.96	32.98 0.29 -26.50	28.08 0.66 -14.49	27.31 1.20 -3.39	28.33 0.98 -9.29	26.02 0.86 -9.41	29.31 -0.28 -34.76	30.46 -0.06 -31.73	32.79 -0.04 -33.62	27.95 0.12 -25.66	33.05 -0.25 -37.90	26.29 -0.10 -28.38	79.86 -0.65 -93.20
HUNTER MOUNT___DRP 323613	20.32 1.03 -1.15	20.46 0.67 -7.40	21.93 0.03 -21.28	23.18 -0.17 -26.39	23.30 -0.17 -26.51	23.29 -0.17 -26.53	22.57 -0.09 -24.35	21.92 0.27 -16.74	20.56 0.52 -10.63	21.24 0.23 -16.36	22.44 0.75 -7.19	24.86 0.85 -5.78	32.16 0.30 -25.68	27.65 0.69 -14.04	27.28 1.26 -3.29	28.11 1.05 -9.00	25.79 0.93 -9.12	28.21 -0.30 -33.69	29.47 -0.07 -30.74	31.74 -0.05 -32.57	27.16 0.13 -24.86	31.85 -0.27 -36.72	25.40 -0.11 -27.49	76.91 -0.69 -90.29
HUNTINGTON_RES_REC 323705	20.39 1.26 -0.98	19.55 0.82 -6.35	18.90 0.03 -18.26	19.41 -0.18 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.56 0.29 -14.36	19.19 0.66 -9.12	19.07 0.38 -14.04	24.78 1.26 -9.02	24.85 1.59 -5.03	28.75 0.53 -22.03	26.22 1.17 -12.12	40.54 2.17 -15.65	39.66 1.72 -19.88	26.18 1.51 -8.93	67.95 -0.51 -73.63	11.54 -0.12 -12.86	19.60 -0.07 -20.46	21.14 0.22 -18.76	19.02 -0.44 -24.05	20.68 -0.18 -22.85	63.79 -0.95 -77.44
HUNTLEY___63 23557	17.52 -0.80 -0.17	12.89 -0.61 -1.12	3.78 -0.05 -3.22	1.04 0.08 -4.00	1.04 0.07 -4.02	1.03 0.08 -4.02	2.05 0.05 -3.69	7.27 -0.18 -2.54	10.65 -0.38 -1.61	6.93 -0.19 -2.48	14.91 -0.68 -1.09	18.20 -0.90 -0.88	9.85 -0.23 -3.89	14.47 -0.58 -2.13	22.16 -1.07 -0.50	18.45 -0.98 -1.36	16.20 -0.92 -1.38	0.19 0.26 -5.10	3.52 0.07 -4.66	4.19 0.04 -4.93	5.81 -0.12 -3.77	1.04 0.09 -5.56	2.25 0.07 -4.16	1.37 0.38 -13.68
HUNTLEY___64 23558	17.52 -0.80 -0.17	12.89 -0.61 -1.12	3.78 -0.05 -3.22	1.04 0.08 -4.00	1.04 0.07 -4.02	1.03 0.08 -4.02	2.05 0.05 -3.69	7.27 -0.18 -2.54	10.65 -0.38 -1.61	6.93 -0.19 -2.48	14.91 -0.68 -1.09	18.20 -0.90 -0.88	9.85 -0.23 -3.89	14.47 -0.58 -2.13	22.16 -1.07 -0.50	18.45 -0.98 -1.36	16.20 -0.92 -1.38	0.19 0.26 -5.10	3.52 0.07 -4.66	4.19 0.04 -4.93	5.81 -0.12 -3.77	1.04 0.09 -5.56	2.25 0.07 -4.16	1.37 0.38 -13.68
HUNTLEY___65 23559	17.52 -0.80 -0.17	12.89 -0.61 -1.12	3.78 -0.05 -3.22	1.04 0.08 -4.00	1.04 0.07 -4.02	1.03 0.08 -4.02	2.05 0.05 -3.69	7.27 -0.18 -2.54	10.65 -0.38 -1.61	6.93 -0.19 -2.48	14.91 -0.68 -1.09	18.20 -0.90 -0.88	9.85 -0.23 -3.89	14.47 -0.58 -2.13	22.16 -1.07 -0.50	18.45 -0.98 -1.36	16.20 -0.92 -1.38	0.19 0.26 -5.10	3.52 0.07 -4.66	4.19 0.04 -4.93	5.81 -0.12 -3.77	1.04 0.09 -5.56	2.25 0.07 -4.16	1.37 0.38 -13.68
HUNTLEY___66 23560	17.52 -0.80 -0.17	12.89 -0.61 -1.12	3.78 -0.05 -3.22	1.04 0.08 -4.00	1.04 0.07 -4.02	1.03 0.08 -4.02	2.05 0.05 -3.69	7.27 -0.18 -2.54	10.65 -0.38 -1.61	6.93 -0.19 -2.48	14.91 -0.68 -1.09	18.20 -0.90 -0.88	9.85 -0.23 -3.89	14.47 -0.58 -2.13	22.16 -1.07 -0.50	18.45 -0.98 -1.36	16.20 -0.92 -1.38	0.19 0.26 -5.10	3.52 0.07 -4.66	4.19 0.04 -4.93	5.81 -0.12 -3.77	1.04 0.09 -5.56	2.25 0.07 -4.16	1.37 0.38 -13.68
HUNTLEY___67 23561	17.43 -0.89 -0.18	12.86 -0.66 -1.14	3.84 -0.05 -3.28	1.12 0.09 -4.06	1.11 0.08 -4.08	1.11 0.09 -4.08	2.12 0.05 -3.75	7.31 -0.18 -2.58	10.65 -0.40 -1.64	6.97 -0.20 -2.52	14.89 -0.71 -1.11	18.19 -0.92 -0.89	9.91 -0.24 -3.96	14.49 -0.59 -2.16	22.12 -1.11 -0.51	18.45 -0.99 -1.39	16.19 -0.95 -1.40	0.28 0.26 -5.18	3.59 0.07 -4.73	4.27 0.03 -5.01	5.87 -0.13 -3.83	1.15 0.10 -5.65	2.32 0.07 -4.23	1.62 0.42 -13.90
HUNTLEY___68 23562	17.43 -0.89 -0.18	12.86 -0.66 -1.14	3.84 -0.05 -3.28	1.12 0.09 -4.06	1.11 0.08 -4.08	1.11 0.09 -4.08	2.12 0.05 -3.75	7.31 -0.18 -2.58	10.65 -0.40 -1.64	6.97 -0.20 -2.52	14.89 -0.71 -1.11	18.19 -0.92 -0.89	9.91 -0.24 -3.96	14.49 -0.59 -2.16	22.12 -1.11 -0.51	18.45 -0.99 -1.39	16.19 -0.95 -1.40	0.28 0.26 -5.18	3.59 0.07 -4.73	4.27 0.03 -5.01	5.87 -0.13 -3.83	1.15 0.10 -5.65	2.32 0.07 -4.23	1.62 0.42 -13.90
HYLAND___LFGE 323620	18.35 0.03 -0.18	13.44 -0.06 -1.13	3.84 -0.01 -3.24	0.96 -0.02 -4.01	0.94 -0.04 -4.03	0.93 -0.04 -4.04	1.99 -0.03 -3.71	7.55 0.09 -2.55	11.27 0.23 -1.62	7.28 0.14 -2.49	15.93 0.34 -1.10	19.64 0.54 -0.88	10.37 0.27 -3.91	15.66 0.60 -2.14	24.04 0.82 -0.50	19.93 0.50 -1.37	17.29 0.16 -1.39	-0.13 -0.08 -5.12	3.49 0.01 -4.68	4.17 0.00 -4.96	5.96 0.01 -3.78	0.76 -0.22 -5.59	2.16 -0.04 -4.18	0.87 -0.17 -13.74
INDECK___CORINTH 23802	20.33 0.91 -1.27	21.18 0.59 -8.21	24.23 0.03 -23.59	26.07 -0.15 -29.26	26.20 -0.14 -29.39	26.19 -0.15 -29.41	25.28 -0.09 -27.06	23.76 0.26 -18.59	21.73 0.51 -11.80	23.07 0.25 -18.17	23.28 0.79 -7.99	25.57 0.93 -6.42	35.02 0.31 -28.52	29.14 0.65 -15.57	27.57 1.20 -3.64	29.05 1.01 -9.97	26.72 0.88 -10.11	31.86 -0.30 -37.33	32.79 -0.07 -34.07	35.27 -0.05 -36.10	29.86 0.13 -27.56	35.82 -0.28 -40.70	28.38 -0.11 -30.48	86.72 -0.67 -100.08
INDECK___ILION 23567	18.20 0.06 0.00	12.41 0.03 0.00	0.61 0.00 0.00	-3.05 -0.01 0.00	-3.06 -0.01 0.00	-3.07 -0.01 0.00	-1.70 -0.01 0.00	4.92 0.01 0.00	9.44 0.02 0.00	4.64 0.00 0.00	14.50 0.00 0.00	18.23 0.00 0.00	6.18 -0.01 0.00	12.89 -0.03 0.00	22.71 -0.01 0.00	18.08 0.03 0.00	15.78 0.05 0.00	-5.19 -0.02 0.00	-1.21 -0.01 0.00	-0.79 -0.01 0.00	2.18 0.01 0.00	-4.63 -0.03 0.00	-1.98 0.00 0.00	-12.74 -0.04 0.00
INDECK___OLEAN 23982	18.39 0.04 -0.20	13.61 -0.07 -1.31	4.36 -0.02 -3.76	1.60 -0.03 -4.66	1.60 -0.04 -4.69	1.58 -0.04 -4.69	2.59 -0.02 -4.31	7.93 0.06 -2.96	11.39 0.09 -1.88	7.60 0.06 -2.89	15.92 0.15 -1.27	19.45 0.20 -1.02	10.82 0.09 -4.54	15.54 0.14 -2.48	23.46 0.15 -0.58	19.67 0.02 -1.59	17.28 -0.07 -1.61	0.78 0.00 -5.95	4.24 0.01 -5.43	4.97 0.00 -5.76	6.54 -0.02 -4.39	1.77 -0.12 -6.49	2.86 -0.01 -4.86	3.13 -0.13 -15.96
INDECK___OSWEGO 23783	17.82 -0.42 -0.10	12.73 -0.28 -0.64	2.43 -0.01 -1.83	-0.70 0.07 -2.27	-0.69 0.08 -2.28	-0.70 0.08 -2.28	0.45 0.04 -2.10	6.22 -0.13 -1.44	10.09 -0.24 -0.91	5.93 -0.12 -1.41	14.71 -0.40 -0.62	18.21 -0.52 -0.50	8.23 -0.17 -2.21	13.78 -0.36 -1.21	22.39 -0.62 -0.28	18.35 -0.49 -0.77	16.06 -0.46 -0.78	-2.13 0.14 -2.90	1.48 0.03 -2.65	2.04 0.02 -2.81	4.25 -0.06 -2.14	-1.33 0.11 -3.16	0.45 0.06 -2.37	-4.52 0.40 -7.77

INDECK___YERKES 23781	17.54 -0.78 -0.17	12.90 -0.60 -1.12	3.78 -0.05 -3.22	1.03 0.08 -4.00	1.03 0.06 -4.02	1.03 0.07 -4.02	2.05 0.05 -3.69	7.27 -0.17 -2.54	10.66 -0.37 -1.61	6.94 -0.19 -2.48	14.92 -0.66 -1.09	18.22 -0.88 -0.88	9.85 -0.23 -3.89	14.48 -0.57 -2.13	22.17 -1.05 -0.50	18.46 -0.96 -1.36	16.21 -0.91 -1.38	0.19 0.26 -5.10	3.52 0.06 -4.66	4.19 0.04 -4.93	5.81 -0.12 -3.77	1.04 0.09 -5.56	2.25 0.07 -4.16	1.34 0.36 -13.68
INDIAN POINT_GT_1 24139	20.04 0.91 -0.98	19.33 0.60 -6.35	18.90 0.03 -18.27	19.47 -0.14 -22.65	19.57 -0.14 -22.75	19.55 -0.14 -22.76	19.14 -0.08 -20.91	19.52 0.24 -14.37	19.03 0.49 -9.12	18.95 0.26 -14.05	21.50 0.83 -6.17	24.28 1.09 -4.96	28.61 0.39 -22.04	25.79 0.82 -12.05	26.96 1.41 -2.82	26.87 1.09 -7.72	24.53 0.96 -7.83	23.40 -0.32 -28.89	25.09 -0.08 -26.37	27.12 -0.05 -27.95	23.64 0.14 -21.34	26.62 -0.28 -31.51	21.49 -0.12 -23.59	64.06 -0.72 -77.48
INDIAN POINT_GT_2 23659	20.04 0.91 -0.98	19.33 0.60 -6.35	18.90 0.03 -18.27	19.47 -0.14 -22.65	19.57 -0.14 -22.75	19.55 -0.14 -22.76	19.14 -0.08 -20.91	19.52 0.24 -14.37	19.03 0.49 -9.12	18.95 0.26 -14.05	21.50 0.83 -6.17	24.28 1.09 -4.96	28.61 0.39 -22.04	25.79 0.82 -12.05	26.96 1.41 -2.82	26.87 1.09 -7.72	24.53 0.96 -7.83	23.40 -0.32 -28.89	25.09 -0.08 -26.37	27.12 -0.05 -27.95	23.64 0.14 -21.34	26.62 -0.28 -31.51	21.49 -0.12 -23.59	64.06 -0.72 -77.48
INDIAN POINT_GT_3 24019	20.04 0.91 -0.98	19.33 0.60 -6.35	18.90 0.03 -18.27	19.47 -0.14 -22.65	19.57 -0.14 -22.75	19.55 -0.14 -22.76	19.14 -0.08 -20.91	19.52 0.24 -14.37	19.03 0.49 -9.12	18.95 0.26 -14.05	21.50 0.83 -6.17	24.28 1.09 -4.96	28.61 0.39 -22.04	25.79 0.82 -12.05	26.96 1.41 -2.82	26.87 1.09 -7.72	24.53 0.96 -7.83	23.40 -0.32 -28.89	25.09 -0.08 -26.37	27.12 -0.05 -27.95	23.64 0.14 -21.34	26.62 -0.28 -31.51	21.49 -0.12 -23.59	64.06 -0.72 -77.48
INDIAN POINT___2 23530	20.00 0.89 -0.96	19.15 0.59 -6.18	18.41 0.03 -17.78	18.87 -0.13 -22.04	18.96 -0.14 -22.14	18.95 -0.14 -22.15	18.58 -0.08 -20.35	19.13 0.24 -13.99	18.77 0.48 -8.88	18.57 0.25 -13.67	21.32 0.81 -6.01	24.13 1.08 -4.83	28.02 0.38 -21.45	25.46 0.81 -11.73	26.85 1.38 -2.75	26.64 1.06 -7.52	24.30 0.94 -7.62	22.64 -0.32 -28.12	24.39 -0.08 -25.67	26.37 -0.05 -27.20	23.07 0.14 -20.77	25.78 -0.28 -30.67	20.86 -0.12 -22.96	62.00 -0.71 -75.41
INDIAN POINT___3 23531	20.01 0.89 -0.98	19.26 0.59 -6.29	18.71 0.03 -18.07	19.24 -0.13 -22.41	19.33 -0.14 -22.51	19.32 -0.14 -22.52	18.92 -0.08 -20.69	19.36 0.24 -14.22	18.92 0.48 -9.03	18.80 0.25 -13.90	21.42 0.81 -6.11	24.20 1.07 -4.91	28.37 0.37 -21.81	25.65 0.80 -11.93	26.89 1.37 -2.79	26.76 1.06 -7.64	24.42 0.94 -7.74	23.11 -0.32 -28.59	24.82 -0.07 -26.10	26.83 -0.05 -27.66	23.41 0.14 -21.11	26.30 -0.28 -31.18	21.25 -0.11 -23.35	63.28 -0.70 -76.67
INGHAM_C_115KV_TB7 356103	18.20 0.06 0.00	12.39 0.01 0.00	0.60 0.00 0.00	-3.06 -0.01 0.00	-3.06 -0.01 0.00	-3.07 -0.01 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.62 -0.03 0.00	14.44 -0.05 0.00	18.15 -0.07 0.00	6.14 -0.05 0.00	12.79 -0.13 0.00	22.59 -0.13 0.00	18.03 -0.03 0.00	15.75 0.02 0.00	-5.18 -0.01 0.00	-1.21 -0.01 0.00	-0.79 -0.01 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.98 0.01 0.00	-12.76 -0.06 0.00
IP CORINTH___1 23988	20.33 0.91 -1.27	21.18 0.59 -8.21	24.23 0.03 -23.59	26.07 -0.15 -29.26	26.20 -0.14 -29.39	26.19 -0.15 -29.41	25.28 -0.09 -27.06	23.76 0.26 -18.59	21.73 0.51 -11.80	23.07 0.25 -18.17	23.28 0.79 -7.99	25.57 0.93 -6.42	35.02 0.31 -28.52	29.14 0.65 -15.57	27.57 1.20 -3.64	29.05 1.01 -9.97	26.72 0.88 -10.11	31.86 -0.30 -37.33	32.79 -0.07 -34.07	35.27 -0.05 -36.10	29.86 0.13 -27.56	35.82 -0.28 -40.70	28.38 -0.11 -30.48	86.72 -0.67 -100.08
IP___TICONDEROGA 23804	21.45 2.04 -1.27	21.88 1.30 -8.19	24.23 0.06 -23.56	25.84 -0.32 -29.21	25.97 -0.33 -29.35	25.96 -0.34 -29.37	25.12 -0.20 -27.01	24.05 0.58 -18.56	22.33 1.13 -11.78	23.29 0.50 -18.14	24.06 1.59 -7.98	26.40 1.77 -6.40	35.25 0.59 -28.47	29.65 1.17 -15.55	28.59 2.22 -3.64	30.00 1.98 -9.96	27.52 1.69 -10.09	31.51 -0.59 -37.27	32.67 -0.14 -34.02	35.17 -0.10 -36.05	29.96 0.27 -27.52	35.46 -0.58 -40.64	28.21 -0.24 -30.43	85.77 -1.46 -99.93
ISLIP_RES_REC 323679	20.60 1.47 -0.98	19.69 0.96 -6.35	18.90 0.04 -18.26	19.37 -0.22 -22.64	19.48 -0.22 -22.74	19.46 -0.23 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.32 0.78 -9.12	19.14 0.45 -14.04	24.98 1.46 -9.02	25.11 1.85 -5.03	28.84 0.62 -22.03	26.44 1.39 -12.12	40.92 2.54 -15.65	39.98 2.03 -19.89	26.82 1.75 -9.33	67.88 -0.59 -73.64	42.78 -0.13 -44.12	36.89 -0.09 -37.76	27.14 0.25 -24.73	36.17 -0.50 -41.27	22.36 -0.21 -24.55	63.67 -1.08 -77.44
JAMAICA__27_KV_LOAD 355505	20.15 1.02 -0.98	19.41 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.28 -14.36	19.09 0.55 -9.12	18.99 0.30 -14.04	21.58 0.91 -6.17	24.46 1.28 -4.96	28.63 0.42 -22.02	25.87 0.91 -12.04	27.09 1.54 -2.82	26.96 1.19 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.06 -0.08 -26.35	27.09 -0.05 -27.92	23.63 0.15 -21.31	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.91 -0.81 -77.42
JANIS___SOLAR 323808	18.86 0.44 -0.27	14.40 0.24 -1.78	5.73 0.01 -5.12	3.24 -0.07 -6.35	3.26 -0.07 -6.38	3.24 -0.07 -6.38	4.13 -0.04 -5.86	9.04 0.10 -4.03	12.19 0.21 -2.56	8.67 0.09 -3.94	16.41 0.18 -1.73	19.81 0.20 -1.39	12.44 0.07 -6.18	16.47 0.17 -3.38	23.99 0.47 -0.79	20.72 0.50 -2.16	18.48 0.55 -2.19	2.73 -0.20 -8.10	6.14 -0.05 -7.39	7.02 -0.04 -7.83	8.23 0.09 -5.98	4.04 -0.18 -8.83	4.57 -0.06 -6.61	8.65 -0.37 -21.71
JARVIS____ 23743	18.16 0.01 0.00	12.39 0.01 0.00	0.61 0.00 0.00	-3.05 0.00 0.00	-3.05 0.00 0.00	-3.07 0.00 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.65 0.00 0.00	14.49 -0.01 0.00	18.22 0.00 0.00	6.19 0.00 0.00	12.92 0.00 0.00	22.74 0.01 0.00	18.08 0.02 0.00	15.75 0.02 0.00	-5.18 -0.01 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.61 0.00 0.00	-1.98 0.00 0.00	-12.69 0.00 0.00
JENNISON___1 23625	19.13 0.64 -0.34	14.99 0.38 -2.22	7.02 0.02 -6.39	4.79 -0.10 -7.93	4.81 -0.11 -7.96	4.80 -0.11 -7.97	5.57 -0.06 -7.32	10.11 0.17 -5.03	12.96 0.35 -3.20	9.73 0.16 -4.92	17.14 0.48 -2.16	20.52 0.56 -1.74	14.11 0.20 -7.72	17.57 0.44 -4.22	24.48 0.77 -0.99	21.50 0.73 -2.70	19.17 0.70 -2.74	4.70 -0.25 -10.12	7.97 -0.06 -9.23	8.96 -0.04 -9.78	9.74 0.11 -7.47	6.20 -0.22 -11.03	6.19 -0.08 -8.26	13.92 -0.50 -27.12
JENNISON___2 23626	19.13 0.64 -0.34	14.99 0.38 -2.22	7.02 0.02 -6.39	4.79 -0.10 -7.93	4.81 -0.11 -7.96	4.80 -0.11 -7.97	5.57 -0.06 -7.32	10.11 0.17 -5.03	12.96 0.35 -3.20	9.73 0.16 -4.92	17.14 0.48 -2.16	20.52 0.56 -1.74	14.11 0.20 -7.72	17.57 0.44 -4.22	24.48 0.77 -0.99	21.50 0.73 -2.70	19.17 0.70 -2.74	4.70 -0.25 -10.12	7.97 -0.06 -9.23	8.96 -0.04 -9.78	9.74 0.11 -7.47	6.20 -0.22 -11.03	6.19 -0.08 -8.26	13.92 -0.50 -27.12

JERICO_RISE_WT_PWR 323719	18.06 -0.08 0.00	12.19 -0.19 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-2.99 0.06 0.00	-3.03 0.04 0.00	-1.67 0.03 0.00	4.89 -0.02 0.00	9.46 0.04 0.00	4.69 0.04 0.00	14.65 0.15 0.00	18.37 0.14 0.00	6.19 0.00 0.00	12.91 -0.01 0.00	22.62 -0.10 0.00	17.96 -0.10 0.00	15.71 -0.03 0.00	-5.17 0.00 0.00	-1.20 0.00 0.00	-0.77 0.01 0.00	2.16 0.00 0.00	-4.61 -0.01 0.00	-1.99 0.00 0.00	-12.78 -0.09 0.00
KATONAH__115KV_46KV_TB4 355592	20.12 0.98 -1.00	19.46 0.65 -6.43	19.12 0.03 -18.48	19.73 -0.15 -22.92	19.83 -0.15 -23.03	19.82 -0.15 -23.04	19.39 -0.09 -21.16	19.71 0.26 -14.54	19.18 0.53 -9.23	19.14 0.28 -14.21	21.65 0.90 -6.25	24.43 1.19 -5.02	28.90 0.41 -22.30	25.99 0.88 -12.19	27.10 1.51 -2.86	27.05 1.17 -7.82	24.69 1.04 -7.92	23.73 -0.34 -29.24	25.41 -0.08 -26.69	27.46 -0.05 -28.28	23.91 0.15 -21.59	26.98 -0.30 -31.89	21.77 -0.12 -23.88	64.96 -0.76 -78.42
KCE_NY_1 323755	20.33 0.92 -1.27	21.17 0.62 -8.18	24.15 0.03 -23.51	25.96 -0.15 -29.15	26.09 -0.15 -29.28	26.08 -0.15 -29.30	25.17 -0.09 -26.95	23.69 0.26 -18.52	21.68 0.50 -11.76	22.99 0.24 -18.10	23.22 0.77 -7.96	25.54 0.92 -6.39	34.91 0.32 -28.41	29.08 0.64 -15.52	27.55 1.20 -3.63	28.97 0.97 -9.94	26.65 0.84 -10.07	31.74 -0.28 -37.19	32.67 -0.07 -33.94	35.14 -0.05 -35.97	29.75 0.12 -27.46	35.69 -0.26 -40.55	28.28 -0.11 -30.37	86.37 -0.65 -99.72
KCE_NY_6_ESR 323823	17.62 -0.71 -0.18	13.02 -0.55 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.25 0.05 -4.25	1.24 0.05 -4.25	2.25 0.04 -3.91	7.47 -0.12 -2.68	10.84 -0.29 -1.70	7.14 -0.13 -2.62	15.17 -0.48 -1.15	18.56 -0.60 -0.93	10.17 -0.13 -4.12	14.78 -0.40 -2.25	22.47 -0.78 -0.53	18.76 -0.74 -1.44	16.45 -0.75 -1.46	0.43 0.20 -5.40	3.77 0.05 -4.93	4.47 0.02 -5.22	6.05 -0.11 -3.99	1.33 0.05 -5.88	2.48 0.06 -4.40	2.08 0.30 -14.47
KEDC_PORT_JEFF_GT2 24210	20.52 1.39 -0.98	19.64 0.91 -6.35	18.90 0.04 -18.26	19.39 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.59 0.32 -14.36	19.25 0.71 -9.12	19.09 0.40 -14.04	24.81 1.30 -9.02	24.90 1.64 -5.03	28.78 0.56 -22.03	26.32 1.27 -12.12	40.73 2.35 -15.65	39.83 1.87 -19.89	26.75 1.62 -9.38	67.92 -0.55 -73.64	46.88 -0.12 -48.21	39.17 -0.08 -40.03	27.91 0.23 -25.51	38.46 -0.47 -43.53	22.60 -0.20 -24.78	63.73 -1.02 -77.44
KEDC_PORT_JEFF_GT3 24211	20.52 1.39 -0.98	19.64 0.91 -6.35	18.90 0.04 -18.26	19.39 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.59 0.32 -14.36	19.25 0.71 -9.12	19.09 0.40 -14.04	24.81 1.30 -9.02	24.90 1.64 -5.03	28.78 0.56 -22.03	26.32 1.27 -12.12	40.73 2.35 -15.65	39.83 1.87 -19.89	26.75 1.62 -9.38	67.92 -0.55 -73.64	46.88 -0.12 -48.21	39.17 -0.08 -40.03	27.91 0.23 -25.51	38.46 -0.47 -43.53	22.60 -0.20 -24.78	63.73 -1.02 -77.44
KEDC_GLWD_GT4 24219	20.29 1.16 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.56 0.29 -14.36	19.15 0.61 -9.12	19.02 0.33 -14.04	24.52 1.01 -9.02	24.55 1.29 -5.03	28.66 0.43 -22.03	25.99 0.95 -12.12	40.06 1.68 -15.65	39.25 1.31 -19.89	25.99 1.15 -9.10	68.08 -0.38 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.67 0.16 -21.34	26.56 -0.33 -31.49	21.45 -0.15 -23.58	63.87 -0.88 -77.44
KEDC_GLWD_GT5 24220	20.29 1.16 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.56 0.29 -14.36	19.15 0.61 -9.12	19.02 0.33 -14.04	24.52 1.01 -9.02	24.55 1.29 -5.03	28.66 0.43 -22.03	25.99 0.95 -12.12	40.06 1.68 -15.65	39.25 1.31 -19.89	25.99 1.15 -9.10	68.08 -0.38 -73.63	25.07 -0.09 -26.36	27.10 -0.06 -27.94	23.67 0.16 -21.34	26.56 -0.33 -31.49	21.45 -0.15 -23.58	63.87 -0.88 -77.44
KENSICO____ 23655	20.06 0.94 -0.98	19.34 0.62 -6.34	18.85 0.03 -18.21	19.40 -0.14 -22.59	19.50 -0.14 -22.69	19.49 -0.15 -22.70	19.08 -0.08 -20.85	19.49 0.25 -14.33	19.02 0.50 -9.10	18.92 0.27 -14.01	21.51 0.86 -6.16	24.30 1.13 -4.95	28.56 0.39 -21.98	25.78 0.84 -12.02	26.99 1.45 -2.81	26.88 1.12 -7.70	24.53 0.99 -7.80	23.32 -0.33 -28.82	25.02 -0.08 -26.30	27.04 -0.05 -27.87	23.59 0.14 -21.28	26.53 -0.29 -31.42	21.43 -0.12 -23.53	63.84 -0.74 -77.27
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.08 1.02 -0.92	18.95 0.66 -5.91	17.63 0.03 -16.99	17.88 -0.15 -21.07	17.97 -0.15 -21.17	17.96 -0.15 -21.18	17.67 -0.09 -19.45	18.54 0.26 -13.37	18.44 0.53 -8.49	18.00 0.27 -13.07	21.12 0.88 -5.75	24.02 1.18 -4.62	27.12 0.41 -20.52	25.02 0.88 -11.22	26.86 1.51 -2.63	26.43 1.18 -7.19	24.07 1.04 -7.29	21.38 -0.35 -26.90	23.26 -0.08 -24.55	25.17 -0.05 -26.00	22.17 0.15 -19.85	24.39 -0.31 -29.31	19.83 -0.13 -21.95	58.60 -0.79 -72.08
KIAC_JFK_GT1 23816	20.06 0.93 -0.98	19.35 0.63 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.04 0.50 -9.12	18.96 0.28 -14.04	21.51 0.85 -6.17	24.38 1.20 -4.96	28.60 0.39 -22.02	25.81 0.85 -12.04	26.99 1.44 -2.82	26.88 1.10 -7.72	24.53 0.97 -7.82	23.39 -0.31 -28.87	25.07 -0.07 -26.35	27.09 -0.04 -27.92	23.61 0.13 -21.31	26.61 -0.27 -31.48	21.47 -0.12 -23.58	63.98 -0.75 -77.42
KIAC_JFK_GT2 23817	20.06 0.93 -0.98	19.35 0.63 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.04 0.50 -9.12	18.96 0.28 -14.04	21.51 0.85 -6.17	24.38 1.20 -4.96	28.60 0.39 -22.02	25.81 0.85 -12.04	26.99 1.44 -2.82	26.88 1.10 -7.72	24.53 0.97 -7.82	23.39 -0.31 -28.87	25.07 -0.07 -26.35	27.09 -0.04 -27.92	23.61 0.13 -21.31	26.61 -0.27 -31.48	21.47 -0.12 -23.58	63.98 -0.75 -77.42
KIAC_JFK____ 323774	20.06 0.93 -0.98	19.35 0.63 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.04 0.50 -9.12	18.96 0.28 -14.04	21.51 0.85 -6.17	24.38 1.20 -4.96	28.60 0.39 -22.02	25.81 0.85 -12.04	26.99 1.44 -2.82	26.88 1.10 -7.72	24.53 0.97 -7.82	23.39 -0.31 -28.87	25.07 -0.07 -26.35	27.09 -0.04 -27.92	23.61 0.13 -21.31	26.61 -0.27 -31.48	21.47 -0.12 -23.58	63.98 -0.75 -77.42
KINTIGH____ 23543	17.50 -0.80 -0.15	12.79 -0.58 -1.00	3.44 -0.04 -2.87	0.60 0.09 -3.55	0.60 0.08 -3.57	0.59 0.08 -3.57	1.64 0.05 -3.28	7.00 -0.16 -2.26	10.48 -0.37 -1.43	6.66 -0.19 -2.20	14.79 -0.67 -0.97	18.13 -0.88 -0.78	9.42 -0.23 -3.46	14.25 -0.56 -1.89	22.12 -1.05 -0.44	18.35 -0.91 -1.21	16.11 -0.86 -1.23	-0.40 0.24 -4.53	2.99 0.06 -4.14	3.63 0.03 -4.38	5.40 -0.12 -3.35	0.43 0.09 -4.94	1.79 0.07 -3.70	-0.15 0.39 -12.16
KNTFSRNC_46_KV_46KV_LOAD 80397	18.30 0.16 0.00	12.36 -0.02 0.00	0.61 0.00 0.00	-3.03 0.02 0.00	-3.02 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.83 0.34 0.00	18.59 0.36 0.00	6.26 0.07 0.00	13.06 0.14 0.00	22.85 0.12 0.00	18.16 0.10 0.00	15.87 0.14 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-13.00 -0.30 0.00

LACHUTE___HYDRO 323717	21.45 2.04 -1.27	21.88 1.30 -8.19	24.23 0.06 -23.56	25.84 -0.32 -29.21	25.97 -0.33 -29.35	25.96 -0.34 -29.37	25.12 -0.20 -27.01	24.05 0.58 -18.56	22.33 1.13 -11.78	23.29 0.50 -18.14	24.06 1.59 -7.98	26.40 1.77 -6.40	35.25 0.59 -28.47	29.65 1.17 -15.55	28.59 2.22 -3.64	29.99 1.98 -9.96	27.52 1.69 -10.09	31.51 -0.59 -37.27	32.67 -0.14 -34.02	35.17 -0.10 -36.05	29.96 0.27 -27.52	35.46 -0.58 -40.64	28.21 -0.24 -30.43	85.77 -1.46 -99.93
LAWRNCAV_115KV_TB1 80681	17.81 -0.33 0.00	12.16 -0.22 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-2.99 0.05 0.00	-3.02 0.05 0.00	-1.67 0.02 0.00	4.86 -0.05 0.00	9.32 -0.10 0.00	4.59 -0.05 0.00	14.35 -0.15 0.00	18.04 -0.19 0.00	6.08 -0.11 0.00	12.62 -0.30 0.00	22.09 -0.64 0.00	17.61 -0.45 0.00	15.38 -0.36 0.00	-5.03 0.14 0.00	-1.18 0.03 0.00	-0.75 0.03 0.00	2.12 -0.05 0.00	-4.50 0.10 0.00	-1.95 0.03 0.00	-12.55 0.15 0.00
LEDERLE___ 23769	20.07 0.99 -0.94	19.13 0.65 -6.09	18.16 0.03 -17.52	18.54 -0.15 -21.73	18.63 -0.15 -21.83	18.62 -0.16 -21.84	18.28 -0.09 -20.06	18.95 0.26 -13.79	18.70 0.53 -8.75	18.40 0.28 -13.47	21.31 0.89 -5.92	24.16 1.18 -4.76	27.75 0.41 -21.14	25.36 0.88 -11.56	26.94 1.50 -2.71	26.63 1.16 -7.41	24.27 1.03 -7.51	22.21 -0.35 -27.72	24.02 -0.08 -25.30	25.98 -0.05 -26.81	22.78 0.15 -20.47	25.32 -0.31 -30.23	20.52 -0.13 -22.63	60.86 -0.78 -74.32
LIGHTHSE_115KV_TB6 355974	17.81 -0.42 -0.09	12.69 -0.26 -0.58	2.26 -0.01 -1.66	-0.92 0.07 -2.06	-0.91 0.07 -2.07	-0.93 0.07 -2.07	0.24 0.03 -1.90	6.12 -0.09 -1.31	10.09 -0.16 -0.83	5.84 -0.08 -1.28	14.82 -0.24 -0.56	18.34 -0.33 -0.45	8.06 -0.13 -2.00	13.72 -0.29 -1.10	22.57 -0.41 -0.26	18.51 -0.25 -0.70	16.17 -0.28 -0.71	-2.46 0.09 -2.62	1.21 0.02 -2.40	1.77 0.01 -2.54	4.08 -0.02 -1.94	-1.66 0.09 -2.86	0.21 0.05 -2.14	-5.31 0.35 -7.03
LINDEN COGEN___ 23786	20.02 0.90 -0.98	19.33 0.61 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.73	19.54 -0.14 -22.75	19.12 -0.08 -20.90	19.51 0.24 -14.36	19.02 0.49 -9.12	18.95 0.26 -14.04	21.50 0.83 -6.17	24.32 1.14 -4.96	28.61 0.39 -22.02	25.80 0.84 -12.04	26.98 1.44 -2.82	26.88 1.10 -7.72	24.54 0.98 -7.82	23.37 -0.33 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.63 0.14 -21.32	26.60 -0.29 -31.48	21.47 -0.12 -23.58	63.99 -0.73 -77.42
LINDHRST_69_KV_BK1 356055	20.53 1.40 -0.98	19.64 0.91 -6.35	18.90 0.04 -18.26	19.39 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.33 -14.36	19.27 0.73 -9.12	19.10 0.41 -14.04	24.89 1.38 -9.02	24.99 1.73 -5.03	28.80 0.57 -22.03	26.30 1.25 -12.12	40.66 2.28 -15.65	39.74 1.80 -19.89	26.42 1.56 -9.12	67.94 -0.52 -73.63	26.65 -0.12 -27.97	27.97 -0.08 -28.82	24.03 0.22 -21.64	27.33 -0.44 -32.38	21.51 -0.18 -23.67	63.72 -1.03 -77.44
LIPA_MISC_IPP 23656	20.53 1.40 -0.98	19.64 0.91 -6.35	18.90 0.04 -18.26	19.39 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.32 -14.36	19.28 0.74 -9.12	19.11 0.42 -14.04	24.90 1.38 -9.02	25.00 1.74 -5.03	28.80 0.58 -22.03	26.34 1.30 -12.12	40.75 2.37 -15.65	39.84 1.89 -19.89	26.72 1.64 -9.34	67.92 -0.55 -73.64	43.60 -0.13 -44.93	37.35 -0.08 -38.21	27.28 0.23 -24.89	36.65 -0.47 -41.72	22.43 -0.18 -24.60	63.76 -0.99 -77.44
LISF___SOLAR 323691	20.56 1.43 -0.98	19.66 0.93 -6.35	18.91 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.22 -22.75	19.09 -0.12 -20.90	19.60 0.33 -14.36	19.28 0.75 -9.12	19.11 0.43 -14.04	24.91 1.39 -9.02	25.01 1.75 -5.03	28.81 0.59 -22.03	26.35 1.31 -12.12	40.77 2.39 -15.65	39.86 1.91 -19.89	26.73 1.65 -9.35	67.91 -0.55 -73.64	43.81 -0.13 -45.14	37.47 -0.08 -38.33	27.33 0.23 -24.93	36.76 -0.48 -41.84	22.43 -0.20 -24.61	63.73 -1.02 -77.44
LITTLE FALLS___HYD 24013	18.20 0.06 0.00	12.39 0.01 0.00	0.60 0.00 0.00	-3.06 -0.01 0.00	-3.06 -0.01 0.00	-3.07 -0.01 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.62 -0.03 0.00	14.44 -0.05 0.00	18.15 -0.07 0.00	6.14 -0.05 0.00	12.79 -0.13 0.00	22.59 -0.13 0.00	18.03 -0.03 0.00	15.75 0.02 0.00	-5.18 -0.01 0.00	-1.21 -0.01 0.00	-0.79 -0.01 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.98 0.01 0.00	-12.76 -0.06 0.00
LITTLRIV_115KV_TB1 356100	17.96 -0.18 0.00	12.26 -0.12 0.00	0.60 -0.01 0.00	-3.01 0.03 0.00	-3.02 0.03 0.00	-3.05 0.02 0.00	-1.68 0.01 0.00	4.90 0.00 0.00	9.40 -0.02 0.00	4.63 -0.02 0.00	14.46 -0.04 0.00	18.18 -0.05 0.00	6.12 -0.06 0.00	12.72 -0.20 0.00	22.25 -0.47 0.00	17.77 -0.29 0.00	15.52 -0.21 0.00	-5.07 0.10 0.00	-1.19 0.02 0.00	-0.76 0.02 0.00	2.14 -0.03 0.00	-4.54 0.06 0.00	-1.97 0.01 0.00	-12.65 0.05 0.00
LI_NEWBRDGE___DRP 323616	20.25 1.12 -0.98	19.45 0.72 -6.35	18.90 0.03 -18.26	19.43 -0.16 -22.64	19.53 -0.17 -22.74	19.52 -0.17 -22.75	19.11 -0.10 -20.90	19.54 0.26 -14.36	19.12 0.58 -9.12	19.02 0.33 -14.04	24.62 1.10 -9.02	24.66 1.40 -5.03	28.68 0.46 -22.03	26.06 1.02 -12.12	40.22 1.84 -15.65	39.40 1.45 -19.89	26.10 1.26 -9.10	68.04 -0.42 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.68 0.18 -21.34	26.53 -0.36 -31.49	21.45 -0.15 -23.58	63.91 -0.84 -77.44
LOCKPORT_115KV_TB60_63_64 80432	17.35 -0.96 -0.17	12.75 -0.71 -1.08	3.66 -0.06 -3.11	0.91 0.09 -3.85	0.91 0.08 -3.87	0.90 0.09 -3.87	1.93 0.06 -3.56	7.14 -0.21 -2.45	10.52 -0.45 -1.55	6.80 -0.24 -2.39	14.73 -0.82 -1.05	17.99 -1.08 -0.84	9.65 -0.29 -3.75	14.27 -0.71 -2.05	21.92 -1.29 -0.48	18.24 -1.13 -1.32	16.02 -1.05 -1.33	0.05 0.30 -4.92	3.36 0.07 -4.49	4.02 0.04 -4.76	5.66 -0.14 -3.63	0.88 0.12 -5.36	2.11 0.08 -4.01	0.95 0.46 -13.18
LOCKPORT___CC1 323769	17.35 -0.96 -0.17	12.76 -0.71 -1.09	3.68 -0.05 -3.13	0.94 0.09 -3.88	0.93 0.08 -3.90	0.92 0.09 -3.90	1.95 0.06 -3.58	7.16 -0.21 -2.46	10.53 -0.45 -1.56	6.82 -0.23 -2.41	14.75 -0.81 -1.06	18.01 -1.06 -0.85	9.68 -0.28 -3.77	14.29 -0.69 -2.07	21.93 -1.28 -0.48	18.26 -1.12 -1.32	16.03 -1.05 -1.34	0.08 0.30 -4.95	3.39 0.07 -4.52	4.05 0.04 -4.79	5.68 -0.14 -3.66	0.91 0.12 -5.39	2.15 0.09 -4.04	1.02 0.45 -13.27
LOCKPORT___CC2 323770	17.35 -0.96 -0.17	12.76 -0.71 -1.09	3.68 -0.05 -3.13	0.94 0.09 -3.88	0.93 0.08 -3.90	0.92 0.09 -3.90	1.95 0.06 -3.58	7.16 -0.21 -2.46	10.53 -0.45 -1.56	6.82 -0.23 -2.41	14.75 -0.81 -1.06	18.01 -1.06 -0.85	9.68 -0.28 -3.77	14.29 -0.69 -2.07	21.93 -1.28 -0.48	18.26 -1.12 -1.32	16.03 -1.05 -1.34	0.08 0.30 -4.95	3.39 0.07 -4.52	4.05 0.04 -4.79	5.68 -0.14 -3.66	0.91 0.12 -5.39	2.15 0.09 -4.04	1.02 0.45 -13.27
LOCKPORT___CC3 323771	17.35 -0.96 -0.17	12.76 -0.71 -1.09	3.68 -0.05 -3.13	0.94 0.09 -3.88	0.93 0.08 -3.90	0.92 0.09 -3.90	1.95 0.06 -3.58	7.16 -0.21 -2.46	10.53 -0.45 -1.56	6.82 -0.23 -2.41	14.75 -0.81 -1.06	18.01 -1.06 -0.85	9.68 -0.28 -3.77	14.29 -0.69 -2.07	21.93 -1.28 -0.48	18.26 -1.12 -1.32	16.03 -1.05 -1.34	0.08 0.30 -4.95	3.39 0.07 -4.52	4.05 0.04 -4.79	5.68 -0.14 -3.66	0.91 0.12 -5.39	2.15 0.09 -4.04	1.02 0.45 -13.27

LONG_LAKE_PHOENIX 24014	17.95 -0.29 -0.10	12.83 -0.20 -0.65	2.47 -0.01 -1.87	-0.67 0.05 -2.32	-0.66 0.06 -2.33	-0.68 0.06 -2.33	0.48 0.03 -2.14	6.28 -0.10 -1.47	10.17 -0.18 -0.93	5.99 -0.10 -1.44	14.82 -0.31 -0.63	18.33 -0.40 -0.51	8.32 -0.12 -2.26	13.90 -0.26 -1.23	22.55 -0.46 -0.29	18.47 -0.37 -0.79	16.18 -0.36 -0.80	-2.11 0.11 -2.96	1.52 0.03 -2.70	2.09 0.01 -2.86	4.30 -0.05 -2.18	-1.30 0.07 -3.22	0.47 0.05 -2.42	-4.47 0.30 -7.93
LOVETT___3 23632	19.99 0.89 -0.95	19.09 0.59 -6.12	18.24 0.03 -17.60	18.65 -0.13 -21.83	18.75 -0.14 -21.93	18.73 -0.14 -21.94	18.38 -0.08 -20.15	18.99 0.24 -13.85	18.68 0.47 -8.79	18.44 0.25 -13.54	21.26 0.81 -5.95	24.08 1.08 -4.78	27.81 0.38 -21.24	25.34 0.81 -11.61	26.82 1.37 -2.72	26.56 1.06 -7.44	24.22 0.94 -7.54	22.36 -0.32 -27.85	24.14 -0.08 -25.42	26.11 -0.05 -26.93	22.86 0.14 -20.57	25.48 -0.28 -30.37	20.64 -0.12 -22.74	61.27 -0.71 -74.67
LOVETT___4 23642	19.99 0.89 -0.95	19.09 0.59 -6.12	18.24 0.03 -17.60	18.65 -0.13 -21.83	18.75 -0.14 -21.93	18.73 -0.14 -21.94	18.38 -0.08 -20.15	18.99 0.24 -13.85	18.68 0.47 -8.79	18.44 0.25 -13.54	21.26 0.81 -5.95	24.08 1.08 -4.78	27.81 0.38 -21.24	25.34 0.81 -11.61	26.82 1.37 -2.72	26.56 1.06 -7.44	24.22 0.94 -7.54	22.36 -0.32 -27.85	24.14 -0.08 -25.42	26.11 -0.05 -26.93	22.86 0.14 -20.57	25.48 -0.28 -30.37	20.64 -0.12 -22.74	61.27 -0.71 -74.67
LOVETT___5 23593	19.99 0.89 -0.95	19.09 0.59 -6.12	18.24 0.03 -17.60	18.65 -0.13 -21.83	18.75 -0.14 -21.93	18.73 -0.14 -21.94	18.38 -0.08 -20.15	18.99 0.24 -13.85	18.68 0.47 -8.79	18.44 0.25 -13.54	21.26 0.81 -5.95	24.08 1.08 -4.78	27.81 0.38 -21.24	25.34 0.81 -11.61	26.82 1.37 -2.72	26.56 1.06 -7.44	24.22 0.94 -7.54	22.36 -0.32 -27.85	24.14 -0.08 -25.42	26.11 -0.05 -26.93	22.86 0.14 -20.57	25.48 -0.28 -30.37	20.64 -0.12 -22.74	61.27 -0.71 -74.67
LOWER_RAQUET___HYD 24057	17.78 -0.36 0.00	12.14 -0.24 0.00	0.60 -0.01 0.00	-2.98 0.06 0.00	-2.99 0.06 0.00	-3.02 0.05 0.00	-1.66 0.03 0.00	4.86 -0.05 0.00	9.32 -0.10 0.00	4.59 -0.06 0.00	14.34 -0.15 0.00	18.02 -0.20 0.00	6.07 -0.12 0.00	12.59 -0.33 0.00	22.01 -0.72 0.00	17.56 -0.50 0.00	15.33 -0.41 0.00	-5.01 0.16 0.00	-1.17 0.04 0.00	-0.75 0.03 0.00	2.11 -0.05 0.00	-4.50 0.11 0.00	-1.95 0.03 0.00	-12.52 0.17 0.00
LOWER___HUDSON 24059	20.09 0.70 -1.24	20.86 0.49 -7.99	23.61 0.02 -22.98	25.33 -0.12 -28.49	25.46 -0.12 -28.63	25.45 -0.12 -28.64	24.57 -0.07 -26.32	23.20 0.20 -18.09	21.27 0.37 -11.48	22.51 0.18 -17.68	22.83 0.56 -7.77	25.14 0.68 -6.24	34.17 0.23 -27.75	28.56 0.48 -15.16	27.14 0.86 -3.55	28.48 0.70 -9.72	26.19 0.60 -9.84	30.98 -0.20 -36.35	31.93 -0.05 -33.18	34.35 -0.03 -35.16	29.09 0.08 -26.84	34.85 -0.18 -39.64	27.62 -0.08 -29.68	84.30 -0.49 -97.48
LOWVILLE_115KV_TB2 356335	17.60 -0.59 -0.05	12.38 -0.28 -0.29	1.43 -0.01 -0.83	-1.94 0.07 -1.03	-1.96 0.05 -1.03	-1.97 0.06 -1.03	-0.72 0.02 -0.95	5.50 -0.05 -0.65	9.74 -0.10 -0.41	5.23 -0.05 -0.64	14.60 -0.18 -0.28	18.27 -0.19 -0.23	7.03 -0.16 -1.00	13.08 -0.39 -0.55	22.50 -0.35 -0.13	18.34 -0.07 -0.35	16.04 -0.06 -0.35	-3.82 0.04 -1.31	-0.02 -0.01 -1.20	0.48 -0.01 -1.27	3.17 0.04 -0.97	-3.10 0.07 -1.43	-0.85 0.06 -1.07	-8.92 0.26 -3.52
LUTHERFT_115KV_GLOB_FND_222 355753	20.33 0.92 -1.27	21.17 0.61 -8.18	24.15 0.03 -23.51	25.96 -0.15 -29.15	26.09 -0.15 -29.28	26.08 -0.15 -29.30	25.17 -0.09 -26.95	23.69 0.26 -18.52	21.67 0.50 -11.76	22.99 0.24 -18.10	23.22 0.76 -7.96	25.54 0.92 -6.39	34.91 0.32 -28.41	29.09 0.65 -15.52	27.55 1.19 -3.63	28.97 0.97 -9.94	26.65 0.84 -10.07	31.73 -0.28 -37.19	32.67 -0.07 -33.94	35.14 -0.04 -35.97	29.75 0.12 -27.46	35.69 -0.26 -40.55	28.28 -0.11 -30.37	86.38 -0.65 -99.72
LUTHERNY_35_KV_BK2 355980	20.33 0.92 -1.27	21.17 0.62 -8.18	24.15 0.03 -23.51	25.96 -0.15 -29.15	26.09 -0.15 -29.28	26.08 -0.15 -29.30	25.17 -0.09 -26.95	23.69 0.26 -18.52	21.67 0.50 -11.76	22.99 0.24 -18.10	23.23 0.77 -7.96	25.54 0.93 -6.39	34.91 0.32 -28.41	29.08 0.64 -15.52	27.55 1.19 -3.63	28.97 0.97 -9.94	26.65 0.84 -10.07	31.74 -0.28 -37.19	32.67 -0.07 -33.94	35.14 -0.05 -35.97	29.75 0.12 -27.46	35.69 -0.26 -40.55	28.28 -0.10 -30.37	86.37 -0.65 -99.72
LWR___OSWEGATCHIE_HYD 23850	17.67 -0.51 -0.03	12.30 -0.29 -0.21	1.21 -0.01 -0.61	-2.21 0.07 -0.76	-2.22 0.06 -0.77	-2.24 0.06 -0.76	-0.96 0.03 -0.70	5.33 -0.06 -0.48	9.62 -0.11 -0.31	5.06 -0.06 -0.47	14.54 -0.16 -0.21	18.19 -0.20 -0.17	6.79 -0.14 -0.74	12.96 -0.36 -0.41	22.27 -0.56 -0.09	18.01 -0.31 -0.26	15.74 -0.26 -0.26	-4.09 0.11 -0.97	-0.31 0.01 -0.89	0.17 0.01 -0.94	2.87 -0.01 -0.72	-3.45 0.09 -1.06	-1.14 0.05 -0.79	-9.85 0.24 -2.60
LYONS_FALL_HYD 23570	17.93 -0.26 -0.04	12.54 -0.11 -0.27	1.39 0.00 -0.78	-2.04 0.03 -0.97	-2.05 0.02 -0.98	-2.07 0.02 -0.98	-0.79 0.00 -0.90	5.52 -0.01 -0.62	9.80 -0.01 -0.39	5.24 -0.01 -0.60	14.71 -0.05 -0.27	18.41 -0.03 -0.21	7.06 -0.07 -0.95	13.25 -0.19 -0.52	22.74 -0.11 -0.12	18.45 0.06 -0.33	16.13 0.06 -0.34	-3.94 -0.01 -1.24	-0.09 -0.02 -1.13	0.41 -0.01 -1.20	3.12 0.04 -0.92	-3.23 0.02 -1.35	-0.94 0.03 -1.01	-9.23 0.13 -3.33
MADISON___COUNTY_LFGE 323628	18.42 0.21 -0.07	12.96 0.13 -0.45	1.91 0.01 -1.29	-1.48 -0.03 -1.60	-1.47 -0.04 -1.61	-1.49 -0.03 -1.61	-0.23 -0.02 -1.48	5.98 0.06 -1.02	10.17 0.11 -0.64	5.68 0.04 -0.99	15.07 0.13 -0.44	18.74 0.16 -0.35	7.79 0.05 -1.56	13.86 0.09 -0.85	23.17 0.25 -0.20	18.86 0.26 -0.55	16.55 0.26 -0.55	-3.22 -0.09 -2.04	0.63 -0.02 -1.87	1.18 -0.02 -1.98	3.72 0.04 -1.51	-2.46 -0.08 -2.22	-0.34 -0.02 -1.67	-7.36 -0.14 -5.47
MALONE___115KV_TB1 356076	18.14 0.00 0.00	12.27 -0.11 0.00	0.60 0.00 0.00	-3.01 0.03 0.00	-3.01 0.03 0.00	-3.05 0.02 0.00	-1.68 0.01 0.00	4.93 0.03 0.00	9.52 0.10 0.00	4.71 0.07 0.00	14.73 0.23 0.00	18.48 0.26 0.00	6.22 0.03 0.00	12.96 0.04 0.00	22.70 -0.03 0.00	18.04 -0.01 0.00	15.79 0.05 0.00	-5.19 -0.02 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.01 0.00	-4.63 -0.03 0.00	-2.00 -0.01 0.00	-12.85 -0.16 0.00
MAPLEWOD_115KV_TB3 80458	20.17 0.79 -1.23	20.87 0.54 -7.95	23.50 0.03 -22.86	25.18 -0.13 -28.35	25.30 -0.13 -28.48	25.30 -0.13 -28.50	24.43 -0.07 -26.19	23.12 0.21 -18.00	21.25 0.40 -11.42	22.43 0.19 -17.59	22.83 0.61 -7.73	25.18 0.75 -6.21	34.04 0.25 -27.60	28.55 0.55 -15.08	27.25 0.99 -3.53	28.52 0.80 -9.67	26.22 0.69 -9.79	30.77 -0.23 -36.17	31.76 -0.05 -33.01	34.17 -0.04 -34.98	28.97 0.10 -26.71	34.63 -0.21 -39.44	27.47 -0.09 -29.53	83.76 -0.53 -96.99
MAPLE_RIDGE_WT_1 323574	17.01 -1.14 0.00	11.65 -0.73 0.00	0.57 -0.04 0.00	-2.89 0.15 0.00	-2.89 0.16 0.00	-2.90 0.16 0.00	-1.60 0.09 0.00	4.63 -0.28 0.00	8.90 -0.51 0.00	4.40 -0.25 0.00	13.70 -0.80 0.00	17.33 -0.89 0.00	5.85 -0.34 0.00	12.28 -0.65 0.00	21.90 -0.82 0.00	17.47 -0.59 0.00	15.35 -0.39 0.00	-5.04 0.13 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.33 0.27 0.00	-1.87 0.11 0.00	-11.96 0.73 0.00

MAPLE_RIDGE_WT_2 323611	17.01 -1.14 0.00	11.65 -0.73 0.00	0.57 -0.04 0.00	-2.89 0.15 0.00	-2.89 0.16 0.00	-2.90 0.16 0.00	-1.60 0.09 0.00	4.63 -0.28 0.00	8.90 -0.51 0.00	4.40 -0.25 0.00	13.70 -0.80 0.00	17.33 -0.89 0.00	5.85 -0.34 0.00	12.28 -0.65 0.00	21.90 -0.82 0.00	17.47 -0.59 0.00	15.35 -0.39 0.00	-5.04 0.13 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.33 0.27 0.00	-1.87 0.11 0.00	-11.96 0.73 0.00
MARBLE_RIVER_WT_PWR 323696	18.12 -0.02 0.00	12.24 -0.14 0.00	0.60 0.00 0.00	-3.00 0.04 0.00	-3.00 0.05 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.91 0.00 0.00	9.49 0.07 0.00	4.70 0.05 0.00	14.69 0.19 0.00	18.41 0.19 0.00	6.21 0.02 0.00	12.94 0.02 0.00	22.67 -0.06 0.00	18.00 -0.06 0.00	15.74 0.00 0.00	-5.18 -0.01 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.63 -0.03 0.00	-1.99 -0.01 0.00	-12.84 -0.15 0.00
MARSHVLE_115KV_TB1 80742	20.65 0.99 -1.52	22.81 0.64 -9.79	28.79 0.04 -28.14	31.70 -0.15 -34.90	31.86 -0.15 -35.06	31.85 -0.16 -35.08	30.49 -0.09 -32.27	27.34 0.26 -22.17	24.00 0.51 -14.08	26.58 0.26 -21.67	24.77 0.75 -9.53	26.83 0.95 -7.65	40.51 0.31 -34.01	32.15 0.66 -18.57	28.26 1.19 -4.35	30.91 0.96 -11.90	28.70 0.91 -12.06	39.06 -0.29 -44.52	39.36 -0.07 -40.64	42.23 -0.05 -43.06	35.18 0.14 -32.88	43.64 -0.31 -48.55	34.27 -0.10 -36.36	106.04 -0.65 -119.38
MARSH_HILL_WT_PWR 323713	17.53 -0.83 -0.21	13.06 -0.66 -1.34	4.42 -0.04 -3.85	1.85 0.12 -4.77	1.82 0.08 -4.80	1.81 0.08 -4.80	2.75 0.03 -4.41	7.85 -0.09 -3.03	11.33 -0.01 -1.92	7.63 0.02 -2.96	15.77 -0.03 -1.30	19.49 0.22 -1.04	11.02 0.18 -4.65	15.96 0.50 -2.54	24.05 0.73 -0.59	20.23 0.54 -1.63	17.65 0.27 -1.65	0.86 -0.06 -6.09	4.40 0.04 -5.56	5.13 0.02 -5.89	6.62 -0.04 -4.50	2.00 -0.04 -6.64	3.04 0.05 -4.97	4.11 0.48 -16.33
MCINTYRE_115KV_TB2 80467	18.05 -0.09 0.00	12.33 -0.05 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.04 0.01 0.00	-3.06 0.01 0.00	-1.69 0.00 0.00	4.93 0.02 0.00	9.44 0.02 0.00	4.65 0.00 0.00	14.53 0.03 0.00	18.26 0.03 0.00	6.16 -0.03 0.00	12.82 -0.10 0.00	22.48 -0.24 0.00	17.95 -0.11 0.00	15.69 -0.05 0.00	-5.13 0.04 0.00	-1.20 0.00 0.00	-0.77 0.01 0.00	2.16 -0.01 0.00	-4.58 0.03 0.00	-1.98 0.00 0.00	-12.71 -0.02 0.00
MECO____69_KV_BK1 80468	21.10 1.51 -1.44	22.67 0.99 -9.30	27.40 0.05 -26.74	29.88 -0.24 -33.16	30.03 -0.24 -33.31	30.02 -0.24 -33.33	28.84 -0.14 -30.67	26.37 0.39 -21.08	23.49 0.69 -13.38	25.53 0.28 -20.60	24.40 0.85 -9.06	26.49 0.99 -7.27	38.86 0.35 -32.32	31.22 0.65 -17.65	28.36 1.50 -4.13	30.44 1.08 -11.31	28.36 1.17 -11.46	36.78 -0.36 -42.31	37.31 -0.10 -38.62	40.08 -0.07 -40.92	33.59 0.19 -31.24	41.11 -0.42 -46.13	32.39 -0.17 -34.54	99.71 -1.03 -113.44
MENANDS__115KV_TB5 355628	20.05 0.69 -1.22	20.71 0.48 -7.86	23.23 0.02 -22.59	24.86 -0.11 -28.01	24.99 -0.11 -28.14	24.98 -0.11 -28.16	24.11 -0.06 -25.86	22.87 0.19 -17.77	21.05 0.34 -11.28	22.19 0.17 -17.37	22.67 0.53 -7.64	25.00 0.65 -6.13	33.67 0.22 -27.26	28.29 0.47 -14.90	27.06 0.84 -3.49	28.29 0.68 -9.55	26.00 0.58 -9.68	30.38 -0.19 -35.74	31.38 -0.04 -32.62	33.76 -0.03 -34.57	28.64 0.08 -26.39	34.20 -0.17 -38.97	27.13 -0.07 -29.19	82.70 -0.44 -95.84
MG INDUSTRY__DRP 24185	20.07 0.73 -1.20	20.61 0.49 -7.73	22.87 0.02 -22.24	24.41 -0.12 -27.57	24.53 -0.12 -27.70	24.52 -0.13 -27.71	23.68 -0.07 -25.44	22.58 0.20 -17.48	20.88 0.37 -11.10	21.91 0.17 -17.09	22.55 0.54 -7.51	24.90 0.64 -6.03	33.22 0.22 -26.81	28.08 0.49 -14.67	27.02 0.86 -3.44	28.15 0.69 -9.40	25.86 0.59 -9.53	29.82 -0.20 -35.18	30.87 -0.04 -32.12	33.22 -0.03 -34.03	28.23 0.08 -25.98	33.59 -0.17 -38.36	26.67 -0.07 -28.73	81.16 -0.48 -94.34
MID__OSWEGATCHIE_HYD 23849	17.67 -0.51 -0.03	12.30 -0.29 -0.21	1.21 -0.01 -0.61	-2.21 0.07 -0.76	-2.22 0.06 -0.77	-2.24 0.06 -0.76	-0.96 0.03 -0.70	5.33 -0.06 -0.48	9.62 -0.11 -0.31	5.06 -0.06 -0.47	14.54 -0.16 -0.21	18.19 -0.20 -0.17	6.79 -0.14 -0.74	12.96 -0.36 -0.41	22.27 -0.56 -0.09	18.01 -0.31 -0.26	15.74 -0.26 -0.26	-4.09 0.11 -0.97	-0.31 0.01 -0.89	0.17 0.01 -0.94	2.87 -0.01 -0.72	-3.45 0.09 -1.06	-1.14 0.05 -0.79	-9.85 0.24 -2.60
MID__RAQUETTE_HYD 23851	17.78 -0.36 0.00	12.14 -0.24 0.00	0.60 -0.01 0.00	-2.98 0.06 0.00	-2.99 0.06 0.00	-3.01 0.05 0.00	-1.66 0.03 0.00	4.86 -0.05 0.00	9.31 -0.10 0.00	4.59 -0.06 0.00	14.34 -0.15 0.00	18.02 -0.20 0.00	6.07 -0.12 0.00	12.59 -0.33 0.00	22.01 -0.72 0.00	17.56 -0.50 0.00	15.33 -0.41 0.00	-5.01 0.16 0.00	-1.17 0.04 0.00	-0.75 0.03 0.00	2.11 -0.05 0.00	-4.50 0.11 0.00	-1.95 0.03 0.00	-12.54 0.16 0.00
MILLIKEN__1 23584	18.58 0.22 -0.21	13.86 0.10 -1.38	4.57 0.01 -3.96	1.84 -0.03 -4.91	1.86 -0.03 -4.93	1.84 -0.03 -4.94	2.82 -0.02 -4.54	8.07 0.05 -3.12	11.50 0.10 -1.98	7.74 0.05 -3.05	15.96 0.13 -1.34	19.43 0.13 -1.08	11.02 0.05 -4.78	15.65 0.11 -2.61	23.63 0.29 -0.61	20.01 0.28 -1.67	17.66 0.23 -1.70	1.01 -0.09 -6.27	4.50 -0.02 -5.72	5.26 -0.01 -6.06	6.83 0.04 -4.63	2.14 -0.09 -6.83	3.11 -0.02 -5.12	3.97 -0.13 -16.80
MILLIKEN__2 23585	18.58 0.22 -0.21	13.86 0.10 -1.38	4.57 0.01 -3.96	1.84 -0.03 -4.91	1.86 -0.03 -4.93	1.84 -0.03 -4.94	2.82 -0.02 -4.54	8.07 0.05 -3.12	11.50 0.10 -1.98	7.74 0.05 -3.05	15.96 0.13 -1.34	19.43 0.13 -1.08	11.02 0.05 -4.78	15.65 0.11 -2.61	23.63 0.29 -0.61	20.01 0.28 -1.67	17.66 0.23 -1.70	1.01 -0.09 -6.27	4.50 -0.02 -5.72	5.26 -0.01 -6.06	6.83 0.04 -4.63	2.14 -0.09 -6.83	3.11 -0.02 -5.12	3.97 -0.13 -16.80
MILLIKEN__DIESEL 23629	18.58 0.22 -0.21	13.86 0.10 -1.38	4.57 0.01 -3.96	1.84 -0.03 -4.91	1.86 -0.03 -4.93	1.84 -0.03 -4.94	2.82 -0.02 -4.54	8.07 0.05 -3.12	11.50 0.10 -1.98	7.74 0.05 -3.05	15.96 0.13 -1.34	19.43 0.13 -1.08	11.02 0.05 -4.78	15.65 0.11 -2.61	23.63 0.29 -0.61	20.01 0.28 -1.67	17.66 0.23 -1.70	1.01 -0.09 -6.27	4.50 -0.02 -5.72	5.26 -0.01 -6.06	6.83 0.04 -4.63	2.14 -0.09 -6.83	3.11 -0.02 -5.12	3.97 -0.13 -16.80
MILLSEAT__LFGE 323607	17.58 -0.73 -0.17	12.90 -0.55 -1.08	3.67 -0.05 -3.10	0.87 0.06 -3.85	0.87 0.05 -3.87	0.86 0.06 -3.87	1.91 0.04 -3.55	7.19 -0.16 -2.44	10.63 -0.34 -1.55	6.86 -0.17 -2.39	14.94 -0.61 -1.05	18.25 -0.82 -0.84	9.74 -0.20 -3.75	14.44 -0.53 -2.05	22.23 -0.98 -0.48	18.50 -0.87 -1.31	16.25 -0.82 -1.33	-0.03 0.23 -4.91	3.34 0.06 -4.48	4.00 0.03 -4.75	5.68 -0.11 -3.63	0.80 0.05 -5.35	2.09 0.07 -4.01	0.78 0.31 -13.17
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.04 0.92 -0.98	19.34 0.61 -6.35	18.90 0.03 -18.27	19.47 -0.14 -22.65	19.57 -0.14 -22.75	19.55 -0.14 -22.76	19.14 -0.08 -20.91	19.52 0.24 -14.37	19.03 0.49 -9.12	18.95 0.26 -14.05	21.50 0.83 -6.17	24.28 1.09 -4.96	28.61 0.38 -22.04	25.79 0.82 -12.05	26.96 1.41 -2.82	26.87 1.08 -7.72	24.53 0.96 -7.83	23.40 -0.32 -28.89	25.09 -0.08 -26.37	27.12 -0.05 -27.95	23.64 0.14 -21.34	26.62 -0.28 -31.51	21.49 -0.12 -23.59	64.07 -0.72 -77.48

MILLWOOD_13_KV_LOAD 356217	20.08 0.95 -0.98	19.36 0.63 -6.35	18.90 0.03 -18.27	19.46 -0.14 -22.65	19.56 -0.14 -22.75	19.55 -0.15 -22.76	19.13 -0.09 -20.91	19.53 0.25 -14.37	19.05 0.51 -9.12	18.96 0.27 -14.05	21.54 0.87 -6.17	24.33 1.14 -4.96	28.63 0.40 -22.04	25.83 0.85 -12.05	27.01 1.47 -2.82	26.91 1.13 -7.72	24.57 1.01 -7.83	23.39 -0.34 -28.89	25.09 -0.08 -26.37	27.12 -0.05 -27.95	23.65 0.14 -21.34	26.61 -0.29 -31.51	21.49 -0.12 -23.59	64.03 -0.75 -77.48
MODEL_CITY_ENERGY 24167	17.17 -1.14 -0.17	12.64 -0.83 -1.09	3.69 -0.06 -3.14	0.98 0.12 -3.90	0.98 0.10 -3.91	0.97 0.11 -3.92	1.98 0.07 -3.60	7.12 -0.26 -2.47	10.44 -0.55 -1.57	6.78 -0.29 -2.42	14.57 -0.99 -1.06	17.78 -1.30 -0.85	9.62 -0.37 -3.79	14.14 -0.85 -2.07	21.65 -1.56 -0.49	18.05 -1.34 -1.33	15.85 -1.23 -1.35	0.16 0.36 -4.97	3.42 0.09 -4.54	4.08 0.05 -4.81	5.68 -0.16 -3.67	0.99 0.17 -5.42	2.19 0.11 -4.06	1.20 0.56 -13.33
MODERN_LFGE_ 323580	17.17 -1.14 -0.17	12.64 -0.83 -1.09	3.69 -0.06 -3.14	0.98 0.12 -3.90	0.98 0.10 -3.91	0.97 0.11 -3.92	1.98 0.07 -3.60	7.12 -0.26 -2.47	10.44 -0.55 -1.57	6.78 -0.29 -2.42	14.57 -0.99 -1.06	17.78 -1.30 -0.85	9.62 -0.37 -3.79	14.14 -0.85 -2.07	21.65 -1.56 -0.49	18.05 -1.34 -1.33	15.85 -1.23 -1.35	0.16 0.36 -4.97	3.42 0.09 -4.54	4.08 0.05 -4.81	5.68 -0.16 -3.67	0.99 0.17 -5.42	2.19 0.11 -4.06	1.20 0.56 -13.33
MOHAWK_PAPER__DRP 24187	20.17 0.79 -1.23	20.87 0.54 -7.95	23.50 0.03 -22.86	25.18 -0.13 -28.35	25.30 -0.13 -28.48	25.30 -0.13 -28.50	24.43 -0.07 -26.19	23.12 0.21 -18.00	21.25 0.40 -11.42	22.43 0.19 -17.59	22.83 0.61 -7.73	25.18 0.75 -6.21	34.04 0.25 -27.60	28.55 0.55 -15.08	27.25 0.99 -3.53	28.52 0.80 -9.67	26.22 0.69 -9.79	30.77 -0.23 -36.17	31.76 -0.05 -33.01	34.17 -0.04 -34.98	28.97 0.10 -26.71	34.63 -0.21 -39.44	27.47 -0.09 -29.53	83.76 -0.53 -96.99
MOHICAN__35_KV_115KV_LD 80490	20.45 1.04 -1.27	21.23 0.67 -8.19	24.18 0.04 -23.54	25.98 -0.17 -29.19	26.11 -0.17 -29.32	26.10 -0.17 -29.34	25.20 -0.10 -26.99	23.75 0.30 -18.55	21.77 0.57 -11.77	23.05 0.27 -18.13	23.33 0.87 -7.97	25.63 1.01 -6.40	34.98 0.35 -28.44	29.16 0.71 -15.54	27.66 1.30 -3.64	29.12 1.11 -9.95	26.78 0.96 -10.08	31.74 -0.33 -37.24	32.71 -0.08 -33.99	35.18 -0.05 -36.01	29.81 0.15 -27.49	35.69 -0.31 -40.60	28.30 -0.12 -30.40	86.40 -0.74 -99.84
MONGAUP__HYD 23641	19.93 0.89 -0.90	18.74 0.59 -5.78	17.24 0.03 -16.60	17.41 -0.13 -20.59	17.51 -0.13 -20.68	17.49 -0.14 -20.69	17.24 -0.08 -19.01	18.20 0.23 -13.07	18.16 0.45 -8.29	17.63 0.21 -12.77	20.71 0.61 -5.61	23.45 0.72 -4.51	26.49 0.26 -20.04	24.44 0.56 -10.95	26.25 0.96 -2.57	25.91 0.83 -7.02	23.58 0.73 -7.12	20.86 -0.24 -26.27	22.72 -0.05 -23.98	24.60 -0.03 -25.41	21.66 0.09 -19.40	23.79 -0.25 -28.64	19.35 -0.11 -21.45	57.08 -0.66 -70.44
MONTAUK__DIESEL 23721	21.20 2.07 -0.98	20.11 1.38 -6.35	18.93 0.06 -18.26	19.27 -0.33 -22.64	19.36 -0.33 -22.74	19.35 -0.34 -22.75	19.02 -0.19 -20.90	19.80 0.53 -14.36	19.73 1.20 -9.12	19.37 0.68 -14.04	25.70 2.19 -9.02	26.01 2.76 -5.03	29.14 0.92 -22.03	27.03 1.98 -12.12	41.96 3.58 -15.65	40.81 2.86 -19.89	27.56 2.48 -9.34	67.64 -0.83 -73.64	43.64 -0.19 -45.03	37.36 -0.12 -38.27	27.42 0.35 -24.91	36.46 -0.72 -41.78	22.35 -0.27 -24.60	63.25 -1.50 -77.44
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.25 -1.09 -0.19	12.81 -0.80 -1.24	4.11 -0.05 -3.55	1.49 0.13 -4.40	1.46 0.09 -4.42	1.45 0.09 -4.43	2.42 0.04 -4.07	7.59 -0.11 -2.79	11.05 -0.14 -1.78	7.37 0.00 -2.73	15.66 -0.04 -1.20	19.13 -0.06 -0.96	10.50 0.03 -4.29	15.12 -0.15 -2.34	22.75 -0.52 -0.55	18.96 -0.60 -1.50	16.42 -0.83 -1.52	0.69 0.24 -5.62	3.98 0.06 -5.13	4.69 0.04 -5.43	6.22 -0.09 -4.15	1.55 0.03 -6.12	2.65 0.05 -4.59	2.78 0.41 -15.06
MORTIMER_115KV_TB3 55949	17.82 -0.46 -0.14	12.92 -0.35 -0.89	3.16 -0.03 -2.57	0.20 0.05 -3.19	0.20 0.04 -3.21	0.19 0.05 -3.21	1.28 0.03 -2.95	6.85 -0.08 -2.02	10.52 -0.19 -1.28	6.53 -0.09 -1.98	15.02 -0.34 -0.87	18.48 -0.44 -0.70	9.20 -0.09 -3.10	14.36 -0.26 -1.70	22.62 -0.51 -0.40	18.68 -0.47 -1.09	16.37 -0.47 -1.10	-0.98 0.12 -4.07	2.54 0.03 -3.72	3.17 0.01 -3.94	5.11 -0.06 -3.01	-0.15 0.02 -4.44	1.38 0.03 -3.32	-1.56 0.22 -10.91
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.74	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	24.41 1.23 -4.96	28.64 0.43 -22.02	25.88 0.91 -12.04	27.11 1.56 -2.82	26.99 1.21 -7.72	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.94 -0.79 -77.42
MUNSVILLE_WIND_PWR 323609	19.17 0.72 -0.31	14.79 0.41 -2.00	6.38 0.02 -5.76	3.99 -0.11 -7.14	4.02 -0.11 -7.17	4.00 -0.12 -7.18	4.83 -0.07 -6.59	9.63 0.19 -4.53	12.69 0.39 -2.88	9.24 0.17 -4.43	16.93 0.49 -1.95	20.30 0.51 -1.56	13.34 0.20 -6.95	17.12 0.40 -3.80	24.46 0.85 -0.89	21.42 0.92 -2.44	19.18 0.98 -2.47	3.59 -0.35 -9.11	7.03 -0.08 -8.31	7.97 -0.06 -8.81	9.05 0.16 -6.73	5.05 -0.28 -9.93	5.35 -0.10 -7.44	11.05 -0.68 -24.43
N SALMON__HYD 24042	18.14 0.00 0.00	12.27 -0.11 0.00	0.60 0.00 0.00	-3.01 0.03 0.00	-3.01 0.04 0.00	-3.05 0.02 0.00	-1.68 0.01 0.00	4.93 0.03 0.00	9.52 0.10 0.00	4.71 0.07 0.00	14.73 0.23 0.00	18.48 0.26 0.00	6.22 0.03 0.00	12.96 0.04 0.00	22.70 -0.03 0.00	18.04 -0.01 0.00	15.79 0.05 0.00	-5.19 -0.02 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.01 0.00	-4.63 -0.03 0.00	-2.00 -0.02 0.00	-12.84 -0.15 0.00
N.AKRON__115KV_KNAPP 355671	17.60 -0.71 -0.17	12.92 -0.54 -1.08	3.66 -0.04 -3.10	0.86 0.06 -3.84	0.86 0.05 -3.86	0.85 0.06 -3.87	1.90 0.04 -3.55	7.19 -0.15 -2.44	10.64 -0.33 -1.55	6.86 -0.17 -2.38	14.94 -0.60 -1.05	18.27 -0.80 -0.84	9.73 -0.20 -3.74	14.45 -0.52 -2.05	22.26 -0.95 -0.48	18.52 -0.85 -1.31	16.27 -0.80 -1.33	-0.05 0.22 -4.91	3.33 0.06 -4.48	3.99 0.03 -4.74	5.68 -0.11 -3.62	0.80 0.05 -5.35	2.08 0.06 -4.00	0.77 0.31 -13.15
N.BELMOR_69_KV_BK1 55787	20.38 1.25 -0.98	19.54 0.81 -6.35	18.90 0.04 -18.26	19.41 -0.18 -22.64	19.51 -0.19 -22.74	19.49 -0.19 -22.75	19.10 -0.11 -20.90	19.57 0.30 -14.36	19.19 0.65 -9.12	19.05 0.37 -14.04	24.74 1.23 -9.02	24.79 1.54 -5.03	28.73 0.51 -22.03	26.16 1.11 -12.12	40.37 2.00 -15.65	39.52 1.57 -19.89	26.20 1.36 -9.10	68.01 -0.45 -73.63	25.05 -0.10 -26.36	27.09 -0.07 -27.94	23.70 0.19 -21.34	26.50 -0.39 -31.49	21.44 -0.16 -23.58	63.82 -0.93 -77.44
N.E._GEN_SANDY PD 24062	19.93 0.67 -1.12	20.04 0.46 -7.20	21.34 0.02 -20.71	22.53 -0.11 -25.68	22.64 -0.11 -25.79	22.63 -0.11 -25.81	21.96 -0.06 -23.71	21.39 0.19 -16.29	20.12 0.36 -10.34	20.75 0.18 -15.92	22.06 0.56 -7.00	24.54 0.69 -5.62	31.41 0.24 -24.99	27.07 0.49 -13.66	26.80 0.87 -3.20	27.50 0.68 -8.75	25.20 0.59 -8.87	27.39 -0.20 -32.76	28.65 -0.05 -29.90	30.87 -0.03 -31.68	26.48 0.08 -24.23	31.50 -0.18 -36.27	24.69 -0.08 -26.75	74.66 -0.48 -87.84

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.02 0.92 -0.95	19.10 0.61 -6.11	18.20 0.03 -17.57	18.60 -0.14 -21.78	18.70 -0.14 -21.88	18.68 -0.14 -21.89	18.34 -0.08 -20.11	18.97 0.24 -13.82	18.68 0.49 -8.77	18.42 0.26 -13.51	21.27 0.84 -5.94	24.10 1.11 -4.77	27.78 0.39 -21.20	25.34 0.83 -11.59	26.85 1.41 -2.71	26.58 1.09 -7.43	24.23 0.96 -7.53	22.30 -0.32 -27.79	24.09 -0.08 -25.37	26.05 -0.05 -26.88	22.83 0.14 -20.52	25.41 -0.29 -30.31	20.59 -0.12 -22.69	61.09 -0.73 -74.52
N.QUEENS_27_KV_LOAD 356247	20.12 0.99 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.11 0.57 -9.12	19.01 0.32 -14.04	21.65 0.98 -6.17	24.51 1.32 -4.97	28.66 0.44 -22.03	25.92 0.95 -12.05	27.19 1.64 -2.83	27.06 1.28 -7.73	24.69 1.13 -7.83	23.35 -0.36 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.46 -0.14 -23.58	63.88 -0.85 -77.42
N.TROY___115KV_TB1 355778	20.09 0.70 -1.24	20.86 0.49 -7.99	23.61 0.02 -22.98	25.33 -0.12 -28.49	25.46 -0.12 -28.63	25.45 -0.12 -28.64	24.57 -0.07 -26.32	23.20 0.20 -18.09	21.28 0.37 -11.48	22.51 0.18 -17.68	22.84 0.57 -7.77	25.14 0.68 -6.24	34.17 0.23 -27.75	28.56 0.48 -15.16	27.14 0.86 -3.55	28.48 0.70 -9.72	26.19 0.60 -9.84	30.98 -0.20 -36.35	31.93 -0.05 -33.18	34.35 -0.03 -35.16	29.09 0.08 -26.84	34.86 -0.18 -39.64	27.62 -0.08 -29.68	84.30 -0.48 -97.48
NARROWS_GT1_1 24228	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT1_2 24229	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT1_3 24230	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT1_4 24231	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT1_5 24232	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT1_6 24233	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT1_7 24234	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT1_8 24235	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT2_1 24236	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT2_2 24237	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT2_3 24238	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT2_4 24239	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42

NARROWS_GT2_5 24240	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT2_6 24241	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT2_7 24242	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NARROWS_GT2_8 24243	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.32 1.03 -1.15	20.46 0.67 -7.40	21.93 0.03 -21.28	23.18 -0.17 -26.39	23.30 -0.17 -26.51	23.29 -0.17 -26.53	22.57 -0.09 -24.35	21.92 0.27 -16.74	20.56 0.52 -10.63	21.24 0.23 -16.36	22.44 0.75 -7.19	24.86 0.85 -5.78	32.16 0.30 -25.68	27.65 0.69 -14.04	27.28 1.26 -3.29	28.11 1.05 -9.00	25.79 0.93 -9.12	28.21 -0.30 -33.69	29.47 -0.07 -30.74	31.74 -0.05 -32.57	27.16 0.13 -24.86	31.85 -0.27 -36.72	25.40 -0.11 -27.49	76.91 -0.69 -90.29
NCHELSEA_115KV_TR2 355582	20.13 1.00 -0.98	19.37 0.66 -6.33	18.84 0.03 -18.20	19.38 -0.15 -22.57	19.48 -0.15 -22.68	19.46 -0.16 -22.69	19.06 -0.09 -20.84	19.50 0.27 -14.32	19.05 0.54 -9.09	18.92 0.28 -13.99	21.55 0.90 -6.15	24.35 1.18 -4.94	28.55 0.41 -21.95	25.80 0.88 -12.00	27.05 1.51 -2.81	26.94 1.19 -7.69	24.57 1.04 -7.79	23.26 -0.35 -28.78	24.99 -0.08 -26.27	27.02 -0.05 -27.85	23.58 0.15 -21.26	26.49 -0.31 -31.40	21.40 -0.13 -23.52	63.75 -0.77 -77.22
NEG CAPITAL___MECHNVIL 23645	20.32 0.92 -1.26	21.11 0.62 -8.12	23.98 0.03 -23.34	25.75 -0.15 -28.95	25.88 -0.15 -29.08	25.88 -0.15 -29.10	24.98 -0.09 -26.76	23.55 0.26 -18.39	21.59 0.49 -11.67	22.86 0.24 -17.97	23.16 0.76 -7.90	25.50 0.93 -6.35	34.71 0.32 -28.20	28.99 0.66 -15.40	27.53 1.20 -3.61	28.91 0.98 -9.87	26.59 0.85 -10.00	31.48 -0.28 -36.93	32.44 -0.06 -33.71	34.89 -0.05 -35.72	29.56 0.12 -27.27	35.41 -0.26 -40.27	28.06 -0.11 -30.16	85.67 -0.66 -99.03
NEG CENTRAL_HIGH_ACRES 23767	17.64 -0.64 -0.14	12.79 -0.46 -0.88	3.11 -0.03 -2.52	0.18 0.09 -3.13	0.18 0.08 -3.15	0.17 0.09 -3.15	1.25 0.05 -2.89	6.75 -0.14 -1.99	10.38 -0.30 -1.26	6.44 -0.15 -1.94	14.85 -0.50 -0.86	18.28 -0.64 -0.68	9.07 -0.17 -3.05	14.19 -0.40 -1.67	22.37 -0.75 -0.39	18.48 -0.64 -1.07	16.20 -0.62 -1.08	-0.99 0.18 -3.99	2.49 0.04 -3.65	3.10 0.02 -3.86	5.03 -0.09 -2.95	-0.16 0.08 -4.35	1.34 0.06 -3.26	-1.61 0.38 -10.71
NEG CENTRAL___DRP 24199	18.19 -0.10 -0.15	13.20 -0.12 -0.94	3.32 -0.01 -2.71	0.34 0.02 -3.37	0.35 0.01 -3.38	0.33 0.01 -3.38	1.42 0.00 -3.11	7.02 -0.02 -2.14	10.76 -0.02 -1.36	6.73 -0.01 -2.09	15.37 -0.04 -0.92	18.93 -0.04 -0.74	9.48 0.02 -3.28	14.75 0.04 -1.79	23.19 0.05 -0.42	19.24 0.04 -1.15	16.86 -0.04 -1.16	-0.87 0.00 -4.30	2.72 0.01 -3.92	3.37 0.00 -4.15	5.33 -0.01 -3.17	0.05 -0.03 -4.68	1.53 0.01 -3.51	-1.10 0.08 -11.51
NEG CENTRAL___INDECK 23768	18.20 -0.12 -0.18	13.35 -0.15 -1.13	3.84 -0.02 -3.24	0.98 0.00 -4.02	0.97 -0.02 -4.04	0.96 -0.02 -4.04	2.01 -0.01 -3.71	7.51 0.05 -2.55	11.19 0.15 -1.62	7.24 0.10 -2.49	15.81 0.21 -1.10	19.49 0.39 -0.88	10.32 0.21 -3.91	15.55 0.49 -2.14	23.90 0.68 -0.50	19.86 0.43 -1.37	17.26 0.14 -1.39	-0.11 -0.07 -5.13	3.49 0.01 -4.68	4.18 0.00 -4.96	5.95 -0.01 -3.79	0.83 -0.16 -5.59	2.19 -0.02 -4.19	1.02 -0.04 -13.75
NEG CENTRAL___SENECA 23627	18.20 -0.10 -0.16	13.28 -0.12 -1.03	3.55 -0.01 -2.95	0.63 0.01 -3.65	0.63 0.00 -3.67	0.61 0.01 -3.67	1.68 0.00 -3.37	7.22 -0.01 -2.32	10.90 0.01 -1.47	6.92 0.01 -2.27	15.48 -0.01 -1.00	19.05 0.03 -0.80	9.80 0.05 -3.56	14.98 0.11 -1.95	23.32 0.14 -0.46	19.41 0.11 -1.25	17.02 0.02 -1.26	-0.52 -0.02 -4.66	3.06 0.01 -4.26	3.73 0.00 -4.51	5.61 0.00 -3.44	0.43 -0.05 -5.09	1.82 0.00 -3.81	-0.13 0.05 -12.51
NEG CENTRAL___STATE_STREET 24147	18.38 0.09 -0.14	13.30 -0.01 -0.93	3.29 0.00 -2.68	0.27 -0.01 -3.32	0.29 0.00 -3.34	0.26 -0.01 -3.34	1.37 -0.01 -3.07	7.04 0.02 -2.11	10.82 0.06 -1.34	6.75 0.05 -2.06	15.55 0.15 -0.91	19.12 0.16 -0.73	9.50 0.08 -3.23	14.82 0.13 -1.77	23.40 0.26 -0.41	19.44 0.25 -1.13	16.99 0.10 -1.15	-0.98 -0.04 -4.24	2.66 -0.01 -3.87	3.31 -0.01 -4.10	5.32 0.02 -3.13	-0.06 -0.07 -4.62	1.47 -0.01 -3.46	-1.39 -0.05 -11.36
NEG MILLWOOD___DRP 24198	20.18 1.04 -0.99	19.47 0.69 -6.41	19.06 0.03 -18.42	19.64 -0.16 -22.84	19.74 -0.16 -22.95	19.73 -0.16 -22.96	19.31 -0.09 -21.09	19.68 0.28 -14.49	19.18 0.56 -9.20	19.10 0.30 -14.16	21.67 0.95 -6.22	24.46 1.24 -5.00	28.83 0.43 -22.22	25.99 0.92 -12.14	27.16 1.60 -2.84	27.08 1.24 -7.78	24.72 1.09 -7.89	23.59 -0.36 -29.13	25.30 -0.09 -26.59	27.35 -0.05 -28.18	23.84 0.16 -21.52	26.85 -0.32 -31.77	21.68 -0.13 -23.79	64.64 -0.80 -78.14
NEG NORTH_FLCN_SEA 23793	18.33 0.18 0.00	12.37 0.00 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.03 0.02 0.00	-3.07 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.84 0.35 0.00	18.60 0.38 0.00	6.27 0.09 0.00	13.08 0.16 0.00	22.90 0.18 0.00	18.20 0.14 0.00	15.90 0.16 0.00	-5.25 -0.07 0.00	-1.22 -0.01 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-13.02 -0.32 0.00
NEG NORTH_KES_CHATEGAY 23792	18.10 -0.05 0.00	12.22 -0.16 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-2.99 0.05 0.00	-3.03 0.03 0.00	-1.67 0.02 0.00	4.91 0.00 0.00	9.48 0.06 0.00	4.70 0.05 0.00	14.68 0.18 0.00	18.39 0.17 0.00	6.19 0.00 0.00	12.92 0.00 0.00	22.65 -0.08 0.00	17.98 -0.08 0.00	15.73 -0.01 0.00	-5.17 0.00 0.00	-1.20 0.00 0.00	-0.77 0.00 0.00	2.17 0.00 0.00	-4.62 -0.02 0.00	-1.99 -0.01 0.00	-12.82 -0.12 0.00

NEG NORTH___ALICE_FALLS 23915	18.30 0.16 0.00	12.36 -0.02 0.00	0.61 0.00 0.00	-3.03 0.02 0.00	-3.02 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.83 0.34 0.00	18.59 0.36 0.00	6.26 0.07 0.00	13.06 0.14 0.00	22.85 0.12 0.00	18.16 0.10 0.00	15.87 0.14 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-13.00 -0.30 0.00
NEG NORTH___LWR_SARANAC 23913	18.30 0.16 0.00	12.36 -0.02 0.00	0.61 0.00 0.00	-3.03 0.02 0.00	-3.02 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.83 0.34 0.00	18.59 0.36 0.00	6.26 0.07 0.00	13.06 0.14 0.00	22.85 0.12 0.00	18.16 0.10 0.00	15.87 0.14 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-13.00 -0.30 0.00
NEG NORTH___PLATTSBURG 23628	18.30 0.16 0.00	12.36 -0.02 0.00	0.61 0.00 0.00	-3.03 0.02 0.00	-3.02 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.60 0.18 0.00	4.75 0.11 0.00	14.83 0.34 0.00	18.59 0.36 0.00	6.26 0.07 0.00	13.06 0.14 0.00	22.85 0.12 0.00	18.16 0.10 0.00	15.88 0.14 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.79 -0.01 0.00	2.20 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-12.99 -0.30 0.00
NEG WEST_LEA_LOCKPORT 23791	17.35 -0.96 -0.17	12.76 -0.71 -1.09	3.68 -0.05 -3.13	0.94 0.09 -3.88	0.93 0.08 -3.90	0.92 0.09 -3.90	1.95 0.06 -3.58	7.16 -0.21 -2.46	10.53 -0.45 -1.56	6.82 -0.23 -2.41	14.74 -0.81 -1.06	18.01 -1.07 -0.85	9.68 -0.28 -3.77	14.29 -0.69 -2.07	21.94 -1.27 -0.48	18.27 -1.11 -1.32	16.03 -1.05 -1.34	0.07 0.29 -4.95	3.39 0.07 -4.52	4.05 0.04 -4.79	5.68 -0.14 -3.66	0.91 0.12 -5.40	2.14 0.08 -4.04	1.03 0.46 -13.27
NEG WEST___LANCASTR 23811	17.91 -0.43 -0.19	13.24 -0.39 -1.25	4.17 -0.03 -3.59	1.45 0.04 -4.45	1.46 0.03 -4.47	1.44 0.03 -4.48	2.44 0.02 -4.11	7.66 -0.08 -2.83	11.03 -0.19 -1.79	7.32 -0.09 -2.76	15.38 -0.33 -1.21	18.80 -0.40 -0.97	10.43 -0.09 -4.33	15.04 -0.25 -2.37	22.78 -0.50 -0.55	19.08 -0.50 -1.52	16.76 -0.52 -1.54	0.65 0.14 -5.68	4.02 0.04 -5.19	4.73 0.02 -5.50	6.29 -0.07 -4.20	1.59 0.00 -6.19	2.69 0.03 -4.64	2.71 0.18 -15.23
NEG_PENN_ALLEGHNY 23528	18.63 0.15 -0.33	14.56 0.06 -2.12	6.71 0.00 -6.10	4.50 -0.03 -7.56	4.52 -0.03 -7.60	4.51 -0.03 -7.60	5.28 -0.02 -6.98	9.74 0.03 -4.80	12.55 0.08 -3.05	9.38 0.05 -4.69	16.68 0.13 -2.06	20.06 0.18 -1.66	13.62 0.08 -7.36	17.12 0.17 -4.02	23.92 0.25 -0.94	20.86 0.22 -2.58	18.53 0.17 -2.61	4.41 -0.07 -9.65	7.59 -0.01 -8.81	8.54 -0.01 -9.33	9.32 0.03 -7.12	5.84 -0.08 -10.52	5.88 -0.02 -7.88	13.06 -0.12 -25.87
NEG___GEN_MONROE 24207	17.94 -0.34 -0.14	13.00 -0.27 -0.89	3.16 -0.02 -2.57	0.18 0.03 -3.19	0.18 0.02 -3.21	0.16 0.02 -3.21	1.27 0.01 -2.95	6.88 -0.05 -2.02	10.59 -0.11 -1.28	6.57 -0.06 -1.98	15.13 -0.24 -0.87	18.62 -0.31 -0.70	9.24 -0.05 -3.10	14.45 -0.17 -1.70	22.76 -0.36 -0.40	18.79 -0.35 -1.09	16.47 -0.37 -1.10	-1.01 0.09 -4.07	2.53 0.02 -3.72	3.16 0.01 -3.94	5.12 -0.05 -3.01	-0.18 -0.02 -4.44	1.36 0.02 -3.32	-1.66 0.12 -10.91
NEPA___ENERGY 23901	18.06 -0.31 -0.23	13.54 -0.30 -1.46	4.78 -0.02 -4.20	2.19 0.03 -5.20	2.20 0.02 -5.23	2.18 0.02 -5.23	3.13 0.01 -4.80	8.15 -0.06 -3.30	11.38 -0.14 -2.10	7.81 -0.06 -3.23	15.69 -0.23 -1.42	19.09 -0.28 -1.14	11.19 -0.06 -5.06	15.53 -0.16 -2.77	22.98 -0.40 -0.65	19.50 -0.33 -1.78	17.19 -0.34 -1.80	1.56 0.09 -6.64	4.88 0.03 -6.06	5.65 0.01 -6.42	7.02 -0.05 -4.90	2.62 -0.02 -7.24	3.45 0.02 -5.42	5.22 0.12 -17.80
NEVERSink___HYD 23608	20.03 1.01 -0.87	18.67 0.65 -5.64	16.84 0.03 -16.21	16.90 -0.15 -20.09	16.99 -0.15 -20.19	16.97 -0.16 -20.20	16.77 -0.09 -18.55	17.92 0.26 -12.75	18.04 0.53 -8.09	17.37 0.25 -12.47	20.79 0.81 -5.48	23.72 1.10 -4.40	26.13 0.38 -19.56	24.43 0.81 -10.70	26.63 1.39 -2.51	26.02 1.10 -6.86	23.64 0.95 -6.95	20.16 -0.32 -25.65	22.13 -0.08 -23.41	23.97 -0.05 -24.80	21.24 0.14 -18.93	23.06 -0.29 -27.96	18.83 -0.12 -20.93	55.30 -0.76 -68.74
NEWKRMKL_115KV_TB1 55635	20.15 0.78 -1.23	20.87 0.53 -7.96	23.52 0.03 -22.89	25.21 -0.13 -28.38	25.34 -0.13 -28.51	25.33 -0.13 -28.52	24.44 -0.07 -26.20	23.13 0.21 -18.01	21.25 0.40 -11.43	22.44 0.19 -17.60	22.85 0.61 -7.74	25.19 0.75 -6.21	34.07 0.26 -27.62	28.58 0.56 -15.10	27.25 0.99 -3.54	28.53 0.79 -9.68	26.22 0.68 -9.81	30.81 -0.23 -36.21	31.79 -0.05 -33.05	34.21 -0.03 -35.02	28.99 0.09 -26.74	34.68 -0.20 -39.48	27.50 -0.08 -29.56	83.87 -0.52 -97.08
NEWTON___FALLS_HYD 23847	17.67 -0.51 -0.03	12.30 -0.29 -0.21	1.21 -0.01 -0.61	-2.21 0.07 -0.76	-2.22 0.06 -0.77	-2.24 0.06 -0.76	-0.96 0.03 -0.70	5.33 -0.06 -0.48	9.62 -0.11 -0.31	5.06 -0.06 -0.47	14.54 -0.16 -0.21	18.19 -0.20 -0.17	6.79 -0.14 -0.74	12.96 -0.36 -0.41	22.27 -0.56 -0.09	18.01 -0.31 -0.26	15.74 -0.26 -0.26	-4.09 0.11 -0.97	-0.31 0.01 -0.89	0.17 0.01 -0.94	2.87 -0.01 -0.72	-3.45 0.09 -1.06	-1.14 0.05 -0.79	-9.85 0.24 -2.60
NGRID_A1_DSASP 323792	17.15 -1.17 -0.17	12.62 -0.87 -1.10	3.71 -0.06 -3.16	1.03 0.14 -3.93	1.03 0.13 -3.94	1.03 0.15 -3.95	2.03 0.09 -3.63	7.10 -0.29 -2.49	10.39 -0.61 -1.58	6.77 -0.31 -2.44	14.53 -1.04 -1.07	17.72 -1.37 -0.86	9.61 -0.40 -3.82	14.08 -0.93 -2.09	21.57 -1.64 -0.49	17.96 -1.44 -1.34	15.80 -1.30 -1.36	0.23 0.39 -5.01	3.46 0.09 -4.58	4.13 0.06 -4.85	5.70 -0.16 -3.70	1.04 0.20 -5.44	2.21 0.12 -4.07	1.37 0.63 -13.43
NGRID_A2_DSASP 323793	17.15 -1.17 -0.17	12.62 -0.87 -1.10	3.71 -0.06 -3.16	1.03 0.14 -3.93	1.03 0.13 -3.94	1.03 0.15 -3.95	2.03 0.09 -3.63	7.10 -0.29 -2.49	10.39 -0.61 -1.58	6.77 -0.31 -2.44	14.53 -1.04 -1.07	17.72 -1.37 -0.86	9.61 -0.40 -3.82	14.08 -0.93 -2.09	21.57 -1.64 -0.49	17.96 -1.44 -1.34	15.80 -1.30 -1.36	0.23 0.39 -5.01	3.46 0.09 -4.58	4.13 0.06 -4.85	5.70 -0.16 -3.70	1.04 0.20 -5.44	2.21 0.12 -4.07	1.37 0.63 -13.43
NGRID_A4_DSASP 323807	17.14 -1.17 -0.17	12.62 -0.86 -1.10	3.71 -0.06 -3.16	1.03 0.14 -3.93	1.03 0.13 -3.94	1.03 0.15 -3.95	2.03 0.09 -3.63	7.10 -0.30 -2.49	10.40 -0.60 -1.58	6.77 -0.31 -2.44	14.53 -1.03 -1.07	17.71 -1.37 -0.86	9.61 -0.40 -3.82	14.08 -0.93 -2.09	21.58 -1.63 -0.49	17.95 -1.44 -1.34	15.80 -1.29 -1.36	0.23 0.39 -5.01	3.46 0.09 -4.58	4.13 0.06 -4.85	5.70 -0.16 -3.70	1.05 0.20 -5.44	2.21 0.12 -4.07	1.38 0.65 -13.43
NIAGARA_115E_LBMP 323715	17.08 -1.24 -0.17	12.57 -0.90 -1.10	3.71 -0.06 -3.16	1.01 0.13 -3.92	1.01 0.12 -3.94	1.00 0.13 -3.94	2.01 0.08 -3.62	7.10 -0.29 -2.49	10.39 -0.61 -1.58	6.76 -0.32 -2.43	14.48 -1.08 -1.07	17.66 -1.43 -0.86	9.60 -0.41 -3.81	14.07 -0.94 -2.09	21.50 -1.72 -0.49	17.95 -1.45 -1.34	15.76 -1.33 -1.35	0.22 0.39 -5.00	3.45 0.09 -4.57	4.11 0.06 -4.84	5.68 -0.17 -3.69	1.04 0.20 -5.45	2.22 0.12 -4.08	1.34 0.63 -13.41

NIAGARA_115W_LBMP 323714	17.12 -1.20 -0.17	12.59 -0.89 -1.10	3.70 -0.06 -3.16	1.03 0.15 -3.92	1.03 0.13 -3.94	1.03 0.15 -3.94	2.03 0.10 -3.62	7.08 -0.31 -2.48	10.37 -0.63 -1.58	6.75 -0.32 -2.43	14.50 -1.07 -1.07	17.68 -1.41 -0.86	9.59 -0.41 -3.82	14.05 -0.96 -2.09	21.53 -1.69 -0.49	17.91 -1.48 -1.34	15.76 -1.33 -1.35	0.24 0.41 -5.00	3.46 0.10 -4.57	4.13 0.07 -4.84	5.69 -0.17 -3.69	1.05 0.21 -5.43	2.21 0.13 -4.06	1.38 0.67 -13.41
NIAGARA_230_LBMP 323716	17.27 -1.04 -0.17	12.71 -0.75 -1.09	3.68 -0.05 -3.12	0.94 0.11 -3.87	0.94 0.10 -3.89	0.94 0.11 -3.89	1.95 0.07 -3.58	7.14 -0.22 -2.46	10.48 -0.50 -1.56	6.79 -0.26 -2.40	14.65 -0.90 -1.06	17.90 -1.18 -0.85	9.64 -0.32 -3.77	14.22 -0.77 -2.06	21.80 -1.41 -0.48	18.17 -1.21 -1.32	15.96 -1.12 -1.34	0.09 0.32 -4.94	3.38 0.07 -4.51	4.04 0.04 -4.78	5.66 -0.15 -3.65	0.92 0.14 -5.39	2.15 0.10 -4.03	1.05 0.50 -13.25
NIAGARA__115KV_198_GIBSON 55903	17.11 -1.20 -0.17	12.60 -0.88 -1.10	3.70 -0.06 -3.16	1.03 0.15 -3.92	1.03 0.13 -3.94	1.03 0.16 -3.94	2.03 0.10 -3.62	7.08 -0.30 -2.48	10.38 -0.62 -1.58	6.75 -0.33 -2.43	14.50 -1.06 -1.07	17.67 -1.41 -0.86	9.59 -0.41 -3.82	14.05 -0.96 -2.09	21.53 -1.68 -0.49	17.91 -1.49 -1.34	15.77 -1.32 -1.35	0.24 0.41 -5.00	3.46 0.10 -4.57	4.13 0.07 -4.84	5.69 -0.17 -3.69	1.05 0.22 -5.43	2.20 0.12 -4.06	1.39 0.67 -13.41
NIAGARA____ 23760	17.18 -1.14 -0.17	12.63 -0.85 -1.10	3.71 -0.06 -3.16	1.02 0.14 -3.92	1.02 0.13 -3.94	1.02 0.15 -3.94	2.02 0.09 -3.62	7.10 -0.28 -2.48	10.42 -0.57 -1.57	6.77 -0.30 -2.42	14.58 -0.98 -1.06	17.79 -1.29 -0.85	9.61 -0.37 -3.80	14.13 -0.86 -2.07	21.66 -1.55 -0.49	18.05 -1.34 -1.33	15.86 -1.23 -1.35	0.20 0.38 -4.99	3.44 0.09 -4.55	4.11 0.06 -4.82	5.68 -0.16 -3.68	1.04 0.20 -5.44	2.21 0.12 -4.07	1.36 0.65 -13.41
NINE_MILE_1 23575	17.73 -0.50 -0.09	12.59 -0.34 -0.56	2.19 -0.02 -1.60	-0.97 0.09 -1.98	-0.96 0.09 -1.99	-0.98 0.09 -1.99	0.19 0.05 -1.83	6.01 -0.16 -1.26	9.92 -0.30 -0.80	5.72 -0.15 -1.23	14.54 -0.49 -0.54	18.03 -0.63 -0.43	7.92 -0.20 -1.93	13.55 -0.43 -1.05	22.21 -0.77 -0.25	18.12 -0.61 -0.68	15.86 -0.56 -0.69	-2.46 0.18 -2.53	1.15 0.04 -2.31	1.69 0.03 -2.45	3.96 -0.08 -1.87	-1.71 0.14 -2.76	0.15 0.07 -2.07	-5.46 0.45 -6.78
NINE_MILE_2 23744	17.73 -0.50 -0.09	12.60 -0.34 -0.56	2.19 -0.02 -1.60	-0.97 0.09 -1.98	-0.96 0.09 -1.99	-0.98 0.09 -1.99	0.19 0.05 -1.83	6.01 -0.16 -1.26	9.92 -0.30 -0.80	5.72 -0.15 -1.23	14.54 -0.49 -0.54	18.03 -0.63 -0.43	7.92 -0.20 -1.93	13.55 -0.43 -1.05	22.21 -0.77 -0.25	18.12 -0.61 -0.68	15.86 -0.56 -0.69	-2.46 0.18 -2.53	1.15 0.04 -2.31	1.69 0.03 -2.45	3.96 -0.08 -1.87	-1.71 0.14 -2.76	0.15 0.07 -2.07	-5.46 0.45 -6.78
NM_CAPITAL____DRP 24208	20.05 0.69 -1.22	20.72 0.48 -7.86	23.23 0.02 -22.60	24.87 -0.11 -28.02	24.99 -0.11 -28.15	24.98 -0.11 -28.16	24.11 -0.06 -25.87	22.87 0.19 -17.78	21.05 0.35 -11.29	22.19 0.17 -17.38	22.67 0.54 -7.64	25.01 0.65 -6.13	33.68 0.22 -27.26	28.30 0.48 -14.91	27.07 0.85 -3.49	28.30 0.68 -9.55	26.00 0.58 -9.68	30.39 -0.19 -35.75	31.38 -0.04 -32.63	33.77 -0.03 -34.58	28.64 0.08 -26.40	34.21 -0.17 -38.98	27.14 -0.07 -29.19	82.71 -0.45 -95.86
NM_CENTRAL____DRP 24181	18.06 -0.19 -0.11	12.93 -0.14 -0.69	2.58 -0.01 -1.98	-0.56 0.04 -2.45	-0.55 0.04 -2.46	-0.56 0.04 -2.46	0.59 0.02 -2.26	6.39 -0.07 -1.56	10.29 -0.12 -0.99	6.10 -0.07 -1.52	14.95 -0.21 -0.67	18.49 -0.27 -0.54	8.50 -0.08 -2.38	14.07 -0.16 -1.30	22.73 -0.30 -0.31	18.65 -0.24 -0.84	16.35 -0.23 -0.85	-1.98 0.07 -3.13	1.67 0.02 -2.85	2.25 0.01 -3.02	4.44 -0.03 -2.31	-1.15 0.04 -3.41	0.60 0.03 -2.55	-4.11 0.21 -8.38
NM_FRONTIER____DRP 24179	17.11 -1.20 -0.17	12.60 -0.88 -1.10	3.70 -0.06 -3.16	1.03 0.15 -3.92	1.03 0.13 -3.94	1.03 0.16 -3.94	2.03 0.10 -3.62	7.08 -0.30 -2.48	10.38 -0.62 -1.58	6.75 -0.33 -2.43	14.50 -1.06 -1.07	17.67 -1.41 -0.86	9.59 -0.41 -3.82	14.05 -0.96 -2.09	21.53 -1.68 -0.49	17.91 -1.49 -1.34	15.77 -1.32 -1.35	0.24 0.41 -5.00	3.46 0.10 -4.57	4.13 0.07 -4.84	5.69 -0.17 -3.69	1.05 0.22 -5.43	2.20 0.12 -4.06	1.39 0.67 -13.41
NM_ST_REGIS____HYD 24053	17.88 -0.26 0.00	12.18 -0.20 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-3.00 0.05 0.00	-3.03 0.04 0.00	-1.67 0.02 0.00	4.88 -0.03 0.00	9.38 -0.04 0.00	4.63 -0.02 0.00	14.45 -0.04 0.00	18.15 -0.07 0.00	6.11 -0.08 0.00	12.69 -0.23 0.00	22.19 -0.53 0.00	17.69 -0.37 0.00	15.45 -0.28 0.00	-5.06 0.11 0.00	-1.18 0.03 0.00	-0.76 0.02 0.00	2.13 -0.04 0.00	-4.53 0.07 0.00	-1.96 0.02 0.00	-12.63 0.07 0.00
NORTHPORT____1 23551	20.35 1.22 -0.98	19.53 0.80 -6.35	18.90 0.03 -18.26	19.41 -0.18 -22.64	19.51 -0.18 -22.74	19.50 -0.19 -22.75	19.10 -0.11 -20.90	19.54 0.27 -14.36	19.16 0.62 -9.12	19.04 0.35 -14.04	24.69 1.17 -9.02	24.71 1.46 -5.03	28.69 0.47 -22.03	26.08 1.03 -12.12	40.29 1.92 -15.65	39.48 1.53 -19.89	26.14 1.30 -9.10	68.02 -0.44 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.68 0.18 -21.34	26.53 -0.36 -31.49	21.44 -0.16 -23.58	63.85 -0.90 -77.44
NORTHPORT____2 23552	20.35 1.22 -0.98	19.53 0.80 -6.35	18.90 0.03 -18.26	19.41 -0.18 -22.64	19.51 -0.18 -22.74	19.50 -0.19 -22.75	19.10 -0.11 -20.90	19.54 0.27 -14.36	19.16 0.62 -9.12	19.04 0.35 -14.04	24.69 1.17 -9.02	24.71 1.46 -5.03	28.69 0.47 -22.03	26.08 1.03 -12.12	40.29 1.92 -15.65	39.48 1.53 -19.89	26.14 1.30 -9.10	68.02 -0.44 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.68 0.18 -21.34	26.53 -0.36 -31.49	21.44 -0.16 -23.58	63.85 -0.90 -77.44
NORTHPORT____3 23553	20.27 1.14 -0.98	19.47 0.74 -6.35	18.90 0.03 -18.26	19.43 -0.17 -22.64	19.53 -0.17 -22.74	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.53 0.26 -14.36	19.12 0.58 -9.12	19.02 0.33 -14.04	24.63 1.12 -9.02	24.66 1.40 -5.03	28.68 0.46 -22.03	26.04 1.00 -12.12	40.23 1.86 -15.65	39.41 1.47 -19.89	26.12 1.30 -9.08	68.01 -0.44 -73.63	23.42 -0.10 -24.73	26.18 -0.07 -27.03	23.38 0.19 -21.02	25.61 -0.38 -30.59	21.35 -0.16 -23.49	63.89 -0.86 -77.44
NORTHPORT____4 23650	20.27 1.14 -0.98	19.47 0.74 -6.35	18.90 0.03 -18.26	19.43 -0.17 -22.64	19.53 -0.17 -22.74	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.53 0.26 -14.36	19.12 0.58 -9.12	19.02 0.33 -14.04	24.63 1.12 -9.02	24.66 1.40 -5.03	28.68 0.46 -22.03	26.04 1.00 -12.12	40.23 1.86 -15.65	39.41 1.47 -19.89	26.12 1.30 -9.08	68.01 -0.44 -73.63	23.42 -0.10 -24.73	26.18 -0.07 -27.03	23.38 0.19 -21.02	25.61 -0.38 -30.59	21.35 -0.16 -23.49	63.89 -0.86 -77.44
NORTHPORT____IC 23718	20.35 1.22 -0.98	19.53 0.80 -6.35	18.90 0.03 -18.26	19.41 -0.18 -22.64	19.51 -0.18 -22.74	19.50 -0.19 -22.75	19.10 -0.11 -20.90	19.54 0.27 -14.36	19.16 0.62 -9.12	19.04 0.35 -14.04	24.69 1.17 -9.02	24.71 1.46 -5.03	28.69 0.47 -22.03	26.08 1.03 -12.12	40.29 1.92 -15.65	39.48 1.53 -19.89	26.14 1.30 -9.10	68.02 -0.44 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.68 0.18 -21.34	26.53 -0.36 -31.49	21.44 -0.16 -23.58	63.85 -0.90 -77.44

NORTH__COUNTRY_ESR 323785	18.06 -0.08 0.00	12.19 -0.19 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-2.99 0.06 0.00	-3.03 0.04 0.00	-1.67 0.03 0.00	4.89 -0.02 0.00	9.46 0.04 0.00	4.69 0.04 0.00	14.65 0.15 0.00	18.37 0.14 0.00	6.19 0.00 0.00	12.91 -0.01 0.00	22.62 -0.10 0.00	17.96 -0.10 0.00	15.71 -0.03 0.00	-5.17 0.00 0.00	-1.20 0.00 0.00	-0.77 0.01 0.00	2.16 0.00 0.00	-4.61 -0.01 0.00	-1.99 0.00 0.00	-12.78 -0.09 0.00
NPX_GEN_1385_PROXY 323591	20.05 0.92 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.26	19.41 -0.18 -22.64	19.51 -0.18 -22.74	19.50 -0.19 -22.75	19.11 -0.11 -20.90	19.51 0.24 -14.36	19.16 0.63 -9.12	18.97 0.29 -14.04	24.36 0.84 -9.02	24.38 0.84 -5.32	28.48 0.26 -22.03	25.57 0.52 -12.12	39.65 1.27 -15.65	39.12 1.17 -19.89	25.90 0.94 -9.22	68.14 -0.32 -73.63	25.10 -0.06 -26.36	27.11 -0.04 -27.94	23.62 0.12 -21.34	26.67 -0.23 -31.49	21.81 -0.13 -23.92	63.85 -0.90 -77.44
NPX_GEN_CSC 323557	20.59 1.46 -0.98	19.69 0.96 -6.35	18.90 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.31 0.78 -9.12	19.14 0.45 -14.04	24.99 1.47 -9.02	25.40 1.86 -5.32	28.84 0.62 -22.03	26.43 1.38 -12.12	40.90 2.52 -15.65	39.97 2.02 -19.89	26.95 1.75 -9.46	67.88 -0.59 -73.64	43.65 -0.13 -45.00	37.38 -0.09 -38.25	27.31 0.25 -24.90	36.65 -0.50 -41.76	22.75 -0.21 -24.94	63.72 -1.03 -77.44
NSINS_S_GLNS_FALLS 23858	20.45 1.04 -1.27	21.24 0.67 -8.19	24.20 0.03 -23.56	26.01 -0.16 -29.21	26.14 -0.17 -29.35	26.13 -0.17 -29.37	25.22 -0.10 -27.01	23.76 0.30 -18.56	21.77 0.57 -11.79	23.06 0.27 -18.15	23.34 0.87 -7.98	25.65 1.02 -6.40	35.00 0.35 -28.47	29.18 0.71 -15.55	27.68 1.31 -3.64	29.13 1.11 -9.96	26.79 0.96 -10.09	31.77 -0.33 -37.27	32.74 -0.08 -34.02	35.22 -0.05 -36.05	29.83 0.15 -27.52	35.73 -0.31 -40.64	28.32 -0.12 -30.43	86.50 -0.74 -99.93
NUCOR_STEEL__DRP 24197	18.37 0.09 -0.14	13.27 -0.01 -0.90	3.20 0.00 -2.59	0.16 -0.01 -3.21	0.18 0.00 -3.23	0.16 -0.01 -3.23	1.27 -0.01 -2.97	6.97 0.02 -2.04	10.74 0.03 -1.29	6.65 0.01 -1.99	15.42 0.05 -0.88	18.96 0.03 -0.70	9.35 0.03 -3.13	14.65 0.02 -1.71	23.20 0.08 -0.40	19.27 0.11 -1.10	16.82 -0.03 -1.11	-1.07 0.00 -4.10	2.54 0.00 -3.74	3.18 0.00 -3.96	5.19 0.00 -3.03	-0.17 -0.03 -4.47	1.36 0.00 -3.35	-1.73 -0.03 -10.99
NUMBER_THREE_WT_PWR 323818	17.55 -0.64 -0.05	12.36 -0.31 -0.29	1.43 -0.01 -0.83	-1.93 0.08 -1.03	-1.95 0.06 -1.04	-1.96 0.07 -1.04	-0.71 0.03 -0.96	5.50 -0.07 -0.66	9.72 -0.11 -0.42	5.23 -0.06 -0.64	14.58 -0.20 -0.28	18.24 -0.21 -0.23	7.02 -0.17 -1.01	13.06 -0.38 -0.55	22.47 -0.38 -0.13	18.32 -0.09 -0.35	16.02 -0.08 -0.36	-3.80 0.05 -1.32	-0.01 -0.01 -1.20	0.49 -0.01 -1.28	3.18 0.04 -0.97	-3.08 0.08 -1.44	-0.84 0.07 -1.08	-8.81 0.35 -3.54
NYISO_LBMP_REFERENCE 24008	18.14 0.00 0.00	12.38 0.00 0.00	0.61 0.00 0.00	-3.04 0.00 0.00	-3.05 0.00 0.00	-3.07 0.00 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.65 0.00 0.00	14.50 0.00 0.00	18.23 0.00 0.00	6.19 0.00 0.00	12.92 0.00 0.00	22.73 0.00 0.00	18.06 0.00 0.00	15.74 0.00 0.00	-5.17 0.00 0.00	-1.20 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.60 0.00 0.00	-1.98 0.00 0.00	-12.69 0.00 0.00
NYPA_BRENTWD__GT 24164	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.33 -14.36	19.27 0.73 -9.12	19.10 0.41 -14.04	24.88 1.37 -9.02	24.98 1.72 -5.03	28.79 0.57 -22.03	26.29 1.25 -12.12	40.66 2.28 -15.65	39.77 1.82 -19.89	26.46 1.57 -9.15	67.93 -0.53 -73.63	28.93 -0.12 -30.25	29.23 -0.08 -30.09	24.46 0.22 -22.08	28.60 -0.44 -33.64	21.62 -0.19 -23.80	63.71 -1.04 -77.44
NYPA_GOWANUS__GT5 24156	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.30 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NYPA_GOWANUS__GT6 24157	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.30 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.85 -77.42
NYPA_HARLEM_RVR_GT1 24160	20.09 0.97 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.43 -0.15 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.56 -9.12	19.00 0.32 -14.04	21.63 0.97 -6.17	16.16 1.31 3.37	28.66 0.44 -22.03	25.92 0.95 -12.05	27.17 1.62 -2.83	27.04 1.26 -7.73	24.67 1.11 -7.83	23.35 -0.35 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.89 -0.84 -77.42
NYPA_HARLEM_RVR_GT2 24161	20.09 0.97 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.43 -0.15 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.56 -9.12	19.00 0.32 -14.04	21.63 0.97 -6.17	16.16 1.31 3.37	28.66 0.44 -22.03	25.92 0.95 -12.05	27.17 1.62 -2.83	27.04 1.26 -7.73	24.67 1.11 -7.83	23.35 -0.35 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.89 -0.84 -77.42
NYPA_KENT__GT 24152	20.20 1.07 -0.98	19.45 0.72 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.57 -9.12	19.00 0.31 -14.04	21.64 0.97 -6.17	32.82 1.32 -13.28	28.68 0.46 -22.03	25.95 0.98 -12.05	27.24 1.69 -2.83	27.09 1.31 -7.73	24.71 1.15 -7.83	23.32 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.16 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
NYPA_POUCH1__GT 24155	20.24 1.11 -0.98	19.47 0.75 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.06 0.53 -9.12	18.96 0.28 -14.04	21.57 0.91 -6.17	24.35 1.16 -4.97	28.63 0.42 -22.03	25.86 0.89 -12.05	27.06 1.51 -2.82	26.94 1.16 -7.73	24.58 1.02 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.32 -31.48	21.46 -0.13 -23.58	63.97 -0.76 -77.42
NYPA_VERNON__GT2 24162	20.19 1.06 -0.98	19.44 0.72 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	31.94 1.33 -12.38	28.68 0.46 -22.03	25.96 0.99 -12.05	27.25 1.69 -2.83	27.10 1.31 -7.73	24.73 1.16 -7.83	23.32 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.16 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42

NYPA_VERNON____GT3 24163	20.19	19.44	18.89	19.43	19.53	19.51	19.11	19.55	19.11	19.00	21.65	31.94	28.68	25.96	27.25	27.10	24.73	23.32	25.06	27.09	23.65	26.54	21.45	63.87
	1.06	0.72	0.03	-0.16	-0.16	-0.17	-0.10	0.28	0.58	0.31	0.98	1.33	0.46	0.99	1.69	1.31	1.16	-0.38	-0.09	-0.06	0.16	-0.34	-0.14	-0.85
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-12.38	-22.03	-12.05	-2.83	-7.73	-7.83	-28.88	-26.36	-27.93	-21.32	-31.48	-23.58	-77.42
NYPA____ASTORIA_CC1 323568	20.18	19.44	18.89	19.43	19.53	19.51	19.11	19.55	19.11	19.00	21.65	33.74	28.68	25.95	27.24	27.09	24.71	23.33	25.06	27.09	23.65	26.55	21.45	63.87
	1.06	0.71	0.03	-0.16	-0.16	-0.17	-0.10	0.28	0.58	0.31	0.98	1.34	0.46	0.98	1.68	1.31	1.15	-0.38	-0.09	-0.06	0.17	-0.34	-0.14	-0.85
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-14.17	-22.03	-12.05	-2.83	-7.73	-7.83	-28.88	-26.36	-27.93	-21.32	-31.48	-23.58	-77.42
NYPA____ASTORIA_CC2 323569	20.18	19.44	18.89	19.43	19.53	19.51	19.11	19.55	19.11	19.00	21.65	33.74	28.68	25.95	27.24	27.09	24.71	23.33	25.06	27.09	23.65	26.55	21.45	63.87
	1.06	0.71	0.03	-0.16	-0.16	-0.17	-0.10	0.28	0.58	0.31	0.98	1.34	0.46	0.98	1.68	1.31	1.15	-0.38	-0.09	-0.06	0.17	-0.34	-0.14	-0.85
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-14.17	-22.03	-12.05	-2.83	-7.73	-7.83	-28.88	-26.36	-27.93	-21.32	-31.48	-23.58	-77.42
NYPA____HOLTSVILL 23794	20.45	19.59	18.90	19.40	19.50	19.49	19.10	19.57	19.22	19.08	24.80	24.87	28.76	26.26	40.60	39.72	26.61	67.96	43.38	37.23	27.22	36.55	22.42	63.78
	1.32	0.86	0.04	-0.20	-0.20	-0.20	-0.11	0.30	0.69	0.39	1.29	1.62	0.54	1.21	2.22	1.77	1.53	-0.51	-0.12	-0.07	0.21	-0.44	-0.18	-0.97
	-0.98	-6.35	-18.26	-22.64	-22.74	-22.75	-20.90	-14.36	-9.12	-14.04	-9.02	-5.03	-22.03	-12.12	-15.65	-19.89	-9.34	-73.64	-44.70	-38.08	-24.84	-41.59	-24.59	-77.44
NYPA____HELLGATE_GT1 24158	20.11	19.41	18.89	19.43	19.53	19.52	19.11	19.54	19.10	19.00	21.63	32.84	28.66	25.92	27.17	27.04	24.67	23.35	25.06	27.09	23.65	26.56	21.46	63.89
	0.98	0.68	0.03	-0.15	-0.16	-0.16	-0.09	0.27	0.56	0.32	0.97	1.31	0.44	0.95	1.62	1.26	1.11	-0.35	-0.09	-0.05	0.16	-0.32	-0.14	-0.84
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-13.31	-22.03	-12.05	-2.83	-7.73	-7.83	-28.88	-26.36	-27.93	-21.32	-31.48	-23.58	-77.42
NYPA____HELLGATE_GT2 24159	20.11	19.41	18.89	19.43	19.53	19.52	19.11	19.54	19.10	19.00	21.63	32.84	28.66	25.92	27.17	27.04	24.67	23.35	25.06	27.09	23.65	26.56	21.46	63.89
	0.98	0.68	0.03	-0.15	-0.16	-0.16	-0.09	0.27	0.56	0.32	0.97	1.31	0.44	0.95	1.62	1.26	1.11	-0.35	-0.09	-0.05	0.16	-0.32	-0.14	-0.84
	-0.98	-6.35	-18.25	-22.63	-22.73	-22.75	-20.90	-14.36	-9.12	-14.04	-6.17	-13.31	-22.03	-12.05	-2.83	-7.73	-7.83	-28.88	-26.36	-27.93	-21.32	-31.48	-23.58	-77.42
NYS_BARGE____HYD 23848	17.35	12.75	3.66	0.91	0.91	0.90	1.93	7.14	10.51	6.80	14.73	17.99	9.65	14.27	21.91	18.24	16.02	0.05	3.36	4.02	5.66	0.88	2.12	0.93
	-0.97	-0.71	-0.05	0.09	0.08	0.09	0.06	-0.21	-0.46	-0.23	-0.82	-1.08	-0.29	-0.71	-1.30	-1.13	-1.05	0.30	0.07	0.04	-0.14	0.12	0.09	0.45
	-0.17	-1.08	-3.11	-3.85	-3.87	-3.87	-3.56	-2.45	-1.55	-2.39	-1.05	-0.84	-3.75	-2.05	-0.48	-1.32	-1.33	-4.92	-4.49	-4.76	-3.63	-5.36	-4.01	-13.18
OAK ORCHARD____HYD 24046	17.82	12.93	3.16	0.20	0.20	0.19	1.28	6.85	10.52	6.53	15.03	18.49	9.20	14.36	22.61	18.68	16.37	-0.98	2.54	3.17	5.11	-0.15	1.38	-1.57
	-0.46	-0.34	-0.02	0.05	0.04	0.05	0.03	-0.08	-0.19	-0.09	-0.34	-0.44	-0.09	-0.26	-0.51	-0.47	-0.46	0.12	0.03	0.01	-0.06	0.02	0.04	0.21
	-0.14	-0.89	-2.57	-3.19	-3.21	-3.21	-2.95	-2.02	-1.28	-1.98	-0.87	-0.70	-3.10	-1.70	-0.40	-1.09	-1.10	-4.07	-3.72	-3.94	-3.01	-4.44	-3.32	-10.91
OAKDALE____35_KV_LOAD 356122	18.58	14.51	6.66	4.44	4.47	4.45	5.23	9.69	12.50	9.33	16.63	20.00	13.55	17.05	23.84	20.78	18.45	4.35	7.52	8.47	9.25	5.77	5.82	12.89
	0.11	0.03	0.00	-0.02	-0.02	-0.02	-0.01	0.02	0.06	0.03	0.09	0.13	0.06	0.13	0.17	0.17	0.12	-0.05	-0.01	-0.01	0.02	-0.07	-0.02	-0.08
	-0.33	-2.10	-6.05	-7.50	-7.54	-7.54	-6.93	-4.76	-3.02	-4.65	-2.05	-1.64	-7.30	-3.99	-0.93	-2.56	-2.59	-9.57	-8.74	-9.26	-7.07	-10.44	-7.82	-25.67
OCC_CHEM____DRP 24175	17.14	12.62	3.71	1.03	1.03	1.03	2.03	7.10	10.40	6.77	14.53	17.71	9.61	14.08	21.58	17.95	15.80	0.23	3.46	4.13	5.70	1.05	2.21	1.38
	-1.17	-0.86	-0.06	0.14	0.13	0.15	0.09	-0.30	-0.60	-0.31	-1.03	-1.37	-0.40	-0.93	-1.63	-1.44	-1.29	0.39	0.09	0.06	-0.16	0.20	0.12	0.65
	-0.17	-1.10	-3.16	-3.93	-3.94	-3.95	-3.63	-2.49	-1.58	-2.44	-1.07	-0.86	-3.82	-2.09	-0.49	-1.34	-1.36	-5.01	-4.58	-4.85	-3.70	-5.44	-4.07	-13.43
OH_GEN_PROXY 24063	17.33	12.75	3.70	0.95	0.96	0.94	1.96	7.17	10.52	6.82	14.71	18.26	9.68	14.28	21.89	18.25	16.14	0.09	3.39	4.05	5.68	0.93	2.49	1.07
	-0.99	-0.72	-0.05	0.11	0.10	0.10	0.06	-0.21	-0.47	-0.24	-0.84	-1.10	-0.30	-0.71	-1.32	-1.13	-1.06	0.30	0.07	0.04	-0.14	0.13	0.09	0.47
	-0.17	-1.09	-3.14	-3.89	-3.90	-3.91	-3.59	-2.47	-1.57	-2.41	-1.06	-1.14	-3.78	-2.07	-0.48	-1.33	-1.46	-4.96	-4.53	-4.80	-3.66	-5.41	-4.39	-13.30
OLIN_CORP_DRP 24177	17.10	12.61	3.73	1.04	1.03	1.03	2.04	7.13	10.42	6.79	14.52	17.70	9.64	14.11	21.57	18.00	15.81	0.24	3.48	4.15	5.72	1.08	2.24	1.43
	-1.21	-0.88	-0.06	0.13	0.11	0.12	0.08	-0.28	-0.59	-0.31	-1.05	-1.39	-0.40	-0.91	-1.65	-1.41	-1.29	0.38	0.09	0.06	-0.17	0.19	0.11	0.62
	-0.17	-1.11	-3.18	-3.95	-3.96	-3.97	-3.64	-2.51	-1.59	-2.45	-1.08	-0.86	-3.84	-2.10	-0.49	-1.35	-1.36	-5.04	-4.60	-4.87	-3.72	-5.49	-4.11	-13.50
OLIN_CORP_DSASP 323712	17.15	12.62	3.71	1.03	1.03	1.03	2.03	7.10	10.39	6.77	14.53	17.72	9.61	14.08	21.57	17.96	15.80	0.23	3.46	4.13	5.70	1.04	2.21	1.37
	-1.17	-0.87	-0.06	0.14	0.13	0.15	0.09	-0.29	-0.61	-0.31	-1.04	-1.37	-0.40	-0.93	-1.64	-1.44	-1.30	0.39	0.09	0.06	-0.16	0.20	0.12	0.63
	-0.17	-1.10	-3.16	-3.93	-3.94	-3.95	-3.63	-2.49	-1.58	-2.44	-1.07	-0.86	-3.82	-2.09	-0.49	-1.34	-1.36	-5.01	-4.58	-4.85	-3.70	-5.44	-4.07	-13.43
ONEIDA_HERK_LFGE 323681	18.10	12.62	1.34	-2.13	-2.13	-2.15	-0.85	5.50	9.83	5.22	14.77	18.48	7.05	13.33	22.87	18.49	16.18	-4.05	-0.16	0.33	3.06	-3.36	-1.03	-9.55
	-0.08	-0.01	0.00	0.00	0.00	0.00	-0.01	0.02	0.04	0.01	0.03	0.05	-0.02	-0.08	0.03	0.12	0.12	-0.04	-0.02	-0.01	0.04	-0.02	0.01	0.03
	-0.04	-0.25	-0.73	-0.91	-0.92	-0.92	-0.84	-0.57	-0.37	-0.56	-0.25	-0.20	-0.88	-0.48	-0.11	-0.31	-0.32	-1.16	-1.06	-1.12	-0.86	-1.27	-0.95	-3.11
ONEIDA____115KV_TB4 55905	18.42	12.96	1.91	-1.48	-1.47	-1.49	-0.23	5.98	10.17	5.68	15.07	18.74	7.79	13.86	23.17	18.86	16.55	-3.22	0.63	1.18	3.72	-2.46	-0.34	-7.36
	0.21	0.13	0.01	-0.03	-0.04	-0.03	-0.02	0.06	0.11	0.04	0.13	0.16	0.05	0.09	0.25	0.26	0.26	-0.09	-0.02	-0.02	0.04	-0.08	-0.02	-0.14
	-0.07	-0.45	-1.29	-1.60	-1.61	-1.61	-1.48	-1.02	-0.64	-0.99	-0.44	-0.35	-1.56	-0.85	-0.20	-0.55	-0.55	-2.04	-1.87	-1.98	-1.51	-2.22	-1.67	-5.47

ONONDAGA_REF_OCCRA 23987	18.19 -0.09 -0.13	13.13 -0.08 -0.82	2.96 0.00 -2.36	-0.10 0.02 -2.92	-0.09 0.02 -2.94	-0.10 0.02 -2.94	1.02 0.01 -2.70	6.72 -0.04 -1.86	10.53 -0.07 -1.18	6.42 -0.04 -1.81	15.16 -0.13 -0.80	18.69 -0.17 -0.64	8.99 -0.05 -2.85	14.39 -0.09 -1.56	22.92 -0.17 -0.36	18.94 -0.11 -0.99	16.62 -0.12 -1.01	-1.41 0.03 -3.73	2.21 0.01 -3.40	2.83 0.00 -3.61	4.90 -0.02 -2.75	-0.52 0.01 -4.07	1.08 0.02 -3.05	-2.56 0.13 -10.00
ONONDAGA___COGEN 23986	18.17 -0.10 -0.12	13.07 -0.08 -0.78	2.84 0.00 -2.24	-0.25 0.02 -2.77	-0.24 0.02 -2.78	-0.25 0.03 -2.79	0.88 0.01 -2.56	6.62 -0.04 -1.76	10.46 -0.07 -1.12	6.32 -0.04 -1.72	15.11 -0.14 -0.76	18.65 -0.18 -0.61	8.84 -0.05 -2.70	14.30 -0.09 -1.48	22.89 -0.18 -0.34	18.87 -0.13 -0.94	16.54 -0.16 -0.96	-1.59 0.04 -3.54	2.04 0.01 -3.23	2.65 0.01 -3.42	4.76 -0.02 -2.61	-0.73 0.02 -3.86	0.93 0.02 -2.89	-3.07 0.14 -9.48
ONTARIO___LFGE 23819	18.20 -0.10 -0.16	13.28 -0.12 -1.03	3.55 -0.01 -2.95	0.63 0.01 -3.65	0.63 0.00 -3.67	0.61 0.01 -3.67	1.68 0.00 -3.37	7.22 -0.01 -2.32	10.91 0.01 -1.47	6.92 0.01 -2.27	15.48 0.03 -1.00	19.05 0.05 -0.80	9.80 0.05 -3.56	14.98 0.11 -1.95	23.32 0.14 -0.46	19.41 0.10 -1.25	17.02 0.02 -1.26	-0.52 -0.02 -4.66	3.06 0.01 -4.26	3.73 0.00 -4.51	5.61 0.00 -3.44	0.43 -0.05 -5.09	1.83 0.00 -3.81	-0.14 0.05 -12.51
ORANGEVILLE_WT_PWR 323706	17.36 -0.99 -0.20	12.98 -0.72 -1.32	4.36 -0.05 -3.80	1.79 0.13 -4.71	1.79 0.10 -4.73	1.77 0.10 -4.73	2.72 0.06 -4.35	7.69 -0.20 -2.99	10.91 -0.40 -1.90	7.40 -0.17 -2.92	15.24 -0.54 -1.28	18.65 -0.61 -1.03	10.62 -0.15 -4.58	15.06 -0.37 -2.50	22.58 -0.73 -0.59	18.93 -0.73 -1.61	16.60 -0.76 -1.63	1.04 0.21 -6.00	4.35 0.07 -5.48	5.07 0.04 -5.81	6.47 -0.13 -4.43	2.08 0.14 -6.55	3.01 0.09 -4.90	3.96 0.56 -16.10
ORANGEVILLE___ESR 323794	17.36 -0.99 -0.20	12.98 -0.72 -1.32	4.36 -0.05 -3.80	1.79 0.13 -4.71	1.79 0.10 -4.73	1.77 0.10 -4.73	2.72 0.06 -4.35	7.69 -0.20 -2.99	10.91 -0.40 -1.90	7.40 -0.17 -2.92	15.24 -0.54 -1.28	18.65 -0.61 -1.03	10.62 -0.15 -4.58	15.06 -0.37 -2.50	22.58 -0.73 -0.59	18.93 -0.73 -1.61	16.60 -0.76 -1.63	1.04 0.21 -6.00	4.35 0.07 -5.48	5.07 0.04 -5.81	6.47 -0.13 -4.43	2.08 0.14 -6.55	3.01 0.09 -4.90	3.96 0.56 -16.10
OSWEGATCHIE___HYD 24044	17.67 -0.51 -0.03	12.30 -0.29 -0.21	1.21 -0.01 -0.61	-2.21 0.07 -0.76	-2.22 0.06 -0.77	-2.24 0.06 -0.76	-0.96 0.03 -0.70	5.33 -0.06 -0.48	9.61 -0.11 -0.31	5.06 -0.06 -0.47	14.54 -0.16 -0.21	18.19 -0.20 -0.17	6.79 -0.14 -0.74	12.96 -0.36 -0.41	22.26 -0.56 -0.09	18.01 -0.30 -0.26	15.74 -0.26 -0.26	-4.09 0.11 -0.97	-0.31 0.01 -0.89	0.17 0.01 -0.94	2.87 -0.01 -0.72	-3.45 0.09 -1.06	-1.15 0.05 -0.79	-9.82 0.27 -2.60
OSWEGO___5 23606	17.83 -0.41 -0.10	12.72 -0.29 -0.63	2.40 -0.01 -1.81	-0.73 0.07 -2.24	-0.72 0.08 -2.25	-0.74 0.08 -2.25	0.42 0.04 -2.07	6.20 -0.13 -1.42	10.07 -0.24 -0.90	5.91 -0.12 -1.39	14.70 -0.41 -0.61	18.19 -0.52 -0.49	8.20 -0.16 -2.18	13.76 -0.35 -1.19	22.38 -0.63 -0.28	18.32 -0.50 -0.76	16.04 -0.47 -0.77	-2.17 0.14 -2.85	1.44 0.04 -2.61	2.00 0.02 -2.76	4.21 -0.06 -2.11	-1.38 0.11 -3.11	0.41 0.06 -2.33	-4.67 0.37 -7.65
OSWEGO___6 23613	17.83 -0.41 -0.10	12.72 -0.29 -0.63	2.40 -0.01 -1.81	-0.73 0.07 -2.24	-0.72 0.08 -2.25	-0.74 0.08 -2.25	0.42 0.04 -2.07	6.20 -0.13 -1.42	10.07 -0.24 -0.90	5.91 -0.12 -1.39	14.70 -0.41 -0.61	18.19 -0.52 -0.49	8.20 -0.16 -2.18	13.76 -0.35 -1.19	22.38 -0.63 -0.28	18.32 -0.50 -0.76	16.04 -0.47 -0.77	-2.17 0.14 -2.85	1.44 0.04 -2.61	2.00 0.02 -2.76	4.21 -0.06 -2.11	-1.38 0.11 -3.11	0.41 0.06 -2.33	-4.67 0.37 -7.65
OUTOKUMPU-AB___DRP 24206	17.52 -0.80 -0.17	12.89 -0.61 -1.12	3.78 -0.05 -3.22	1.04 0.08 -4.00	1.04 0.07 -4.02	1.03 0.08 -4.02	2.05 0.05 -3.69	7.27 -0.18 -2.54	10.65 -0.38 -1.61	6.93 -0.19 -2.48	14.91 -0.68 -1.09	18.20 -0.90 -0.88	9.85 -0.23 -3.89	14.47 -0.58 -2.13	22.16 -1.07 -0.50	18.45 -0.98 -1.36	16.20 -0.92 -1.38	0.19 0.26 -5.10	3.52 0.07 -4.66	4.19 0.04 -4.93	5.81 -0.12 -3.77	1.04 0.09 -5.56	2.25 0.07 -4.16	1.37 0.38 -13.68
OXBOW____ 24026	17.38 -0.94 -0.17	12.78 -0.71 -1.11	3.75 -0.05 -3.19	1.03 0.10 -3.96	1.03 0.09 -3.98	1.02 0.11 -3.98	2.04 0.07 -3.66	7.20 -0.22 -2.51	10.54 -0.47 -1.60	6.86 -0.24 -2.46	14.76 -0.82 -1.08	18.01 -1.09 -0.87	9.75 -0.30 -3.86	14.31 -0.72 -2.11	21.92 -1.30 -0.49	18.25 -1.17 -1.35	16.04 -1.07 -1.37	0.20 0.32 -5.06	3.49 0.07 -4.62	4.16 0.05 -4.89	5.76 -0.14 -3.73	1.03 0.13 -5.50	2.23 0.10 -4.12	1.33 0.47 -13.55
OXY_CHEM_DSASP 323612	17.14 -1.17 -0.17	12.62 -0.86 -1.10	3.71 -0.06 -3.16	1.03 0.14 -3.93	1.03 0.13 -3.94	1.03 0.15 -3.95	2.03 0.09 -3.63	7.10 -0.30 -2.49	10.40 -0.60 -1.58	6.77 -0.31 -2.44	14.53 -1.03 -1.07	17.71 -1.37 -0.86	9.61 -0.40 -3.82	14.08 -0.93 -2.09	21.58 -1.63 -0.49	17.95 -1.44 -1.34	15.80 -1.29 -1.36	0.23 0.39 -5.01	3.46 0.09 -4.58	4.13 0.06 -4.85	5.70 -0.16 -3.70	1.05 0.20 -5.44	2.21 0.12 -4.07	1.38 0.65 -13.43
OZONE_PARK_ESR 323760	20.27 1.14 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.25	19.41 -0.17 -22.63	19.51 -0.17 -22.73	19.50 -0.18 -22.75	19.10 -0.10 -20.90	19.57 0.30 -14.36	19.15 0.61 -9.12	19.01 0.33 -14.04	21.72 1.05 -6.17	24.59 1.41 -4.96	28.70 0.48 -22.02	26.00 1.04 -12.04	27.33 1.79 -2.82	27.16 1.38 -7.72	24.79 1.23 -7.82	23.30 -0.41 -28.87	25.05 -0.10 -26.35	27.09 -0.06 -27.93	23.66 0.18 -21.32	26.52 -0.36 -31.48	21.44 -0.15 -23.58	63.81 -0.92 -77.42
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.14 -1.17 -0.17	12.62 -0.86 -1.10	3.71 -0.06 -3.16	1.03 0.14 -3.93	1.03 0.13 -3.94	1.03 0.15 -3.95	2.03 0.09 -3.63	7.10 -0.30 -2.49	10.40 -0.60 -1.58	6.77 -0.31 -2.44	14.53 -1.03 -1.07	17.71 -1.37 -0.86	9.61 -0.40 -3.82	14.08 -0.93 -2.09	21.58 -1.63 -0.49	17.95 -1.44 -1.34	15.80 -1.29 -1.36	0.23 0.39 -5.01	3.46 0.09 -4.58	4.13 0.06 -4.85	5.70 -0.16 -3.70	1.05 0.20 -5.44	2.21 0.12 -4.07	1.38 0.65 -13.43
PACKARD__115KV_DUPONT_184 80571	17.14 -1.17 -0.17	12.62 -0.86 -1.10	3.71 -0.06 -3.16	1.03 0.14 -3.93	1.03 0.13 -3.94	1.03 0.15 -3.95	2.03 0.09 -3.63	7.10 -0.30 -2.49	10.40 -0.60 -1.58	6.77 -0.31 -2.44	14.53 -1.03 -1.07	17.71 -1.37 -0.86	9.61 -0.40 -3.82	14.08 -0.93 -2.09	21.58 -1.63 -0.49	17.95 -1.44 -1.34	15.80 -1.29 -1.36	0.23 0.39 -5.01	3.46 0.09 -4.58	4.13 0.06 -4.85	5.70 -0.16 -3.70	1.05 0.20 -5.44	2.21 0.12 -4.07	1.38 0.65 -13.43
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.15 1.02 -0.98	19.43 0.70 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.02 0.33 -14.04	21.64 0.97 -6.17	33.78 1.39 -14.17	28.67 0.45 -22.03	25.93 0.95 -12.05	27.18 1.63 -2.83	27.06 1.27 -7.73	24.69 1.12 -7.83	23.34 -0.37 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.46 -0.14 -23.58	63.87 -0.86 -77.42

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.15 1.02 -0.98	19.43 0.70 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.50 -0.18 -22.75	19.11 -0.10 -20.90	19.56 0.30 -14.36	19.13 0.60 -9.12	19.01 0.32 -14.04	21.63 0.96 -6.17	33.75 1.35 -14.17	28.65 0.43 -22.03	25.88 0.91 -12.05	27.11 1.56 -2.83	26.99 1.21 -7.73	24.63 1.07 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.88 -0.84 -77.42
PATROON__115KV_TB1 80586	20.20 0.81 -1.24	20.94 0.56 -8.01	23.67 0.03 -23.03	25.38 -0.13 -28.56	25.51 -0.13 -28.69	25.50 -0.13 -28.70	24.61 -0.07 -26.37	23.25 0.22 -18.12	21.34 0.41 -11.51	22.56 0.20 -17.72	22.93 0.64 -7.79	25.27 0.80 -6.25	34.26 0.27 -27.80	28.70 0.58 -15.19	27.32 1.04 -3.56	28.63 0.83 -9.74	26.33 0.72 -9.87	31.02 -0.24 -36.43	32.00 -0.06 -33.25	34.42 -0.04 -35.24	29.17 0.10 -26.90	34.91 -0.21 -39.72	27.68 -0.09 -29.75	84.45 -0.54 -97.69
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.84 -0.49 -0.19	13.17 -0.43 -1.21	4.06 -0.03 -3.48	1.32 0.04 -4.32	1.32 0.03 -4.34	1.31 0.03 -4.34	2.32 0.02 -3.99	7.56 -0.09 -2.74	10.95 -0.21 -1.74	7.23 -0.10 -2.68	15.31 -0.37 -1.18	18.72 -0.45 -0.94	10.29 -0.10 -4.20	14.93 -0.29 -2.30	22.70 -0.57 -0.54	18.98 -0.56 -1.47	16.65 -0.58 -1.49	0.49 0.15 -5.51	3.87 0.04 -5.03	4.57 0.02 -5.33	6.16 -0.08 -4.07	1.42 0.01 -6.01	2.55 0.03 -4.50	2.28 0.19 -14.78
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.18 1.04 -0.99	19.47 0.69 -6.41	19.06 0.03 -18.42	19.64 -0.16 -22.84	19.74 -0.16 -22.95	19.73 -0.16 -22.96	19.31 -0.09 -21.09	19.68 0.28 -14.49	19.18 0.56 -9.20	19.10 0.30 -14.16	21.67 0.95 -6.22	24.46 1.24 -5.00	28.83 0.43 -22.22	25.99 0.92 -12.14	27.16 1.60 -2.84	27.08 1.24 -7.78	24.72 1.09 -7.89	23.59 -0.36 -29.13	25.30 -0.09 -26.59	27.35 -0.05 -28.18	23.84 0.16 -21.52	26.85 -0.32 -31.77	21.68 -0.13 -23.79	64.64 -0.80 -78.14
PEEKSKILL____ 23653	20.04 0.91 -0.98	19.33 0.60 -6.35	18.90 0.03 -18.27	19.47 -0.14 -22.65	19.57 -0.14 -22.75	19.55 -0.14 -22.76	19.14 -0.08 -20.91	19.52 0.24 -14.37	19.03 0.49 -9.12	18.95 0.26 -14.05	21.50 0.83 -6.17	24.28 1.09 -4.96	28.61 0.39 -22.04	25.79 0.82 -12.05	26.96 1.41 -2.82	26.87 1.09 -7.72	24.53 0.96 -7.83	23.40 -0.32 -28.89	25.09 -0.08 -26.37	27.12 -0.05 -27.95	23.64 0.14 -21.34	26.62 -0.28 -31.51	21.49 -0.12 -23.59	64.06 -0.72 -77.48
PGE MADISON__WINDPWR 24146	19.17 0.72 -0.31	14.79 0.41 -2.00	6.38 0.02 -5.76	3.99 -0.11 -7.14	4.02 -0.11 -7.17	4.00 -0.12 -7.18	4.83 -0.07 -6.59	9.63 0.19 -4.53	12.69 0.39 -2.88	9.24 0.17 -4.43	16.93 0.49 -1.95	20.30 0.51 -1.56	13.34 0.20 -6.95	17.12 0.40 -3.80	24.46 0.85 -0.89	21.42 0.92 -2.44	19.18 0.98 -2.47	3.59 -0.35 -9.11	7.03 -0.08 -8.31	7.97 -0.06 -8.81	9.05 0.16 -6.73	5.05 -0.28 -9.93	5.35 -0.10 -7.44	11.05 -0.68 -24.43
PIERCEFIELD__HYD 23852	17.78 -0.36 0.00	12.14 -0.24 0.00	0.60 -0.01 0.00	-2.98 0.06 0.00	-2.99 0.06 0.00	-3.01 0.05 0.00	-1.66 0.03 0.00	4.86 -0.05 0.00	9.31 -0.10 0.00	4.59 -0.06 0.00	14.34 -0.15 0.00	18.02 -0.20 0.00	6.07 -0.12 0.00	12.59 -0.33 0.00	22.01 -0.72 0.00	17.56 -0.50 0.00	15.33 -0.41 0.00	-5.01 0.16 0.00	-1.17 0.04 0.00	-0.75 0.03 0.00	2.11 -0.05 0.00	-4.50 0.11 0.00	-1.95 0.03 0.00	-12.54 0.16 0.00
PINELAWN_CC_1 323563	20.43 1.30 -0.98	19.57 0.84 -6.35	18.90 0.04 -18.26	19.40 -0.19 -22.64	19.50 -0.19 -22.74	19.49 -0.20 -22.75	19.10 -0.11 -20.90	19.57 0.30 -14.36	19.21 0.68 -9.12	19.07 0.39 -14.04	24.81 1.30 -9.02	24.88 1.62 -5.03	28.76 0.54 -22.03	26.22 1.18 -12.12	40.52 2.14 -15.65	39.64 1.69 -19.89	26.33 1.47 -9.12	67.97 -0.49 -73.63	26.25 -0.11 -27.57	27.75 -0.07 -28.60	23.94 0.21 -21.57	27.14 -0.42 -32.16	21.49 -0.18 -23.65	63.77 -0.98 -77.44
PJM_GEN_HTP_PROXY 323702	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	24.41 1.23 -4.96	28.64 0.42 -22.02	25.87 0.91 -12.04	27.11 1.56 -2.82	26.98 1.21 -7.72	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
PJM_GEN_KEystone 24065	19.04 0.28 -0.61	16.49 0.14 -3.96	12.01 0.00 -11.40	11.04 -0.05 -14.13	11.09 -0.06 -14.20	11.08 -0.06 -14.20	11.32 -0.03 -13.05	13.96 0.08 -8.97	15.27 0.16 -5.69	13.51 0.09 -8.76	18.63 0.29 -3.85	21.71 0.39 -3.09	20.10 0.15 -13.75	20.76 0.32 -7.52	24.97 0.48 -1.76	23.23 0.35 -4.82	20.91 0.30 -4.88	12.75 -0.11 -18.03	15.23 -0.02 -16.46	16.64 -0.02 -17.44	15.52 0.05 -13.31	14.91 -0.14 -19.66	12.69 -0.05 -14.72	35.35 -0.30 -48.34
PJM_GEN_NEPTUNE_PROXY 323594	20.23 1.10 -0.98	19.45 0.72 -6.35	18.90 0.03 -18.26	19.43 -0.16 -22.64	19.53 -0.16 -22.74	19.52 -0.17 -22.75	19.11 -0.10 -20.90	19.53 0.26 -14.36	19.11 0.57 -9.12	19.01 0.33 -14.04	23.33 1.09 -7.74	24.61 1.39 -5.00	28.68 0.46 -22.03	26.01 1.01 -12.09	34.42 1.83 -9.87	33.90 1.44 -14.41	25.51 1.25 -8.53	47.89 -0.42 -53.48	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.68 0.18 -21.33	26.53 -0.35 -31.49	21.45 -0.15 -23.58	63.91 -0.83 -77.44
PJM_GEN_VFT_PROXY 323633	20.02 0.90 -0.98	19.33 0.61 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.55 -0.14 -22.73	19.54 -0.14 -22.75	19.12 -0.08 -20.90	19.51 0.24 -14.36	19.02 0.49 -9.12	18.95 0.26 -14.04	21.50 0.83 -6.17	24.32 1.14 -4.96	28.61 0.39 -22.02	25.80 0.84 -12.04	26.98 1.44 -2.82	26.88 1.10 -7.72	24.54 0.98 -7.82	23.37 -0.33 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.63 0.14 -21.32	26.60 -0.29 -31.48	21.47 -0.12 -23.58	63.99 -0.73 -77.42
PLATSBRG_115KV_PMLD1 355749	18.31 0.17 0.00	12.37 -0.01 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.03 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.59 0.17 0.00	4.75 0.10 0.00	14.83 0.33 0.00	18.59 0.37 0.00	6.27 0.08 0.00	13.07 0.15 0.00	22.89 0.16 0.00	18.19 0.13 0.00	15.89 0.16 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.78 -0.01 0.00	2.19 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-13.01 -0.31 0.00
PLEASANTVLY__LBMP 24000	19.98 0.81 -1.03	19.57 0.53 -6.65	19.76 0.03 -19.12	20.55 -0.12 -23.71	20.65 -0.12 -23.82	20.64 -0.13 -23.83	20.13 -0.07 -21.89	20.17 0.21 -15.05	19.40 0.43 -9.55	19.58 0.23 -14.71	21.68 0.72 -6.46	24.35 0.94 -5.19	29.59 0.33 -23.08	26.24 0.70 -12.62	26.88 1.20 -2.95	27.08 0.93 -8.08	24.75 0.82 -8.19	24.81 -0.27 -30.25	26.34 -0.06 -27.61	28.44 -0.04 -29.26	24.62 0.12 -22.34	28.15 -0.24 -32.99	22.62 -0.10 -24.70	67.81 -0.62 -81.12
PLSNTVLE_13_KV_13.8KVDIST 80602	20.08 0.95 -0.99	19.40 0.63 -6.39	19.01 0.03 -18.38	19.61 -0.14 -22.79	19.70 -0.14 -22.89	19.69 -0.15 -22.91	19.27 -0.08 -21.04	19.62 0.25 -14.46	19.10 0.50 -9.18	19.05 0.27 -14.13	21.58 0.87 -6.21	24.34 1.13 -4.99	28.76 0.39 -22.18	25.89 0.84 -12.12	27.01 1.44 -2.84	26.95 1.12 -7.77	24.61 1.00 -7.88	23.57 -0.33 -29.08	25.26 -0.08 -26.54	27.29 -0.05 -28.12	23.78 0.14 -21.47	26.81 -0.29 -31.70	21.64 -0.12 -23.74	64.53 -0.74 -77.96

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.08 0.95 -0.99	19.40 0.63 -6.39	19.01 0.03 -18.38	19.61 -0.14 -22.79	19.70 -0.14 -22.89	19.69 -0.15 -22.91	19.27 -0.08 -21.04	19.62 0.25 -14.46	19.10 0.50 -9.18	19.05 0.27 -14.13	21.58 0.87 -6.21	24.34 1.13 -4.99	28.76 0.39 -22.18	25.89 0.84 -12.12	27.01 1.44 -2.84	26.95 1.12 -7.77	24.61 1.00 -7.88	23.57 -0.33 -29.08	25.26 -0.08 -26.54	27.29 -0.05 -28.12	23.78 0.14 -21.47	26.81 -0.29 -31.70	21.64 -0.12 -23.74	64.53 -0.74 -77.96
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.08 0.93 -1.00	19.46 0.61 -6.48	19.26 0.03 -18.62	19.91 -0.14 -23.09	20.01 -0.14 -23.20	20.00 -0.14 -23.21	19.55 -0.08 -21.32	19.80 0.24 -14.65	19.22 0.50 -9.30	19.21 0.26 -14.30	21.61 0.82 -6.29	24.35 1.08 -5.05	29.00 0.37 -22.44	26.00 0.81 -12.27	26.98 1.38 -2.87	27.00 1.08 -7.86	24.66 0.95 -7.97	23.93 -0.32 -29.42	25.59 -0.08 -26.87	27.67 -0.05 -28.49	24.06 0.14 -21.75	27.24 -0.28 -32.12	21.95 -0.12 -24.06	65.59 -0.71 -78.99
POLETTI____ 23519	20.08 0.95 -0.98	19.36 0.63 -6.35	18.89 0.03 -18.25	19.45 -0.14 -22.63	19.54 -0.14 -22.73	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.52 0.25 -14.36	19.05 0.51 -9.12	18.96 0.28 -14.04	21.55 0.88 -6.17	24.38 1.20 -4.96	28.62 0.41 -22.02	25.85 0.89 -12.04	27.06 1.51 -2.82	26.95 1.17 -7.72	24.60 1.04 -7.82	23.36 -0.35 -28.87	25.07 -0.08 -26.35	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.58 -0.30 -31.48	21.47 -0.13 -23.58	63.96 -0.77 -77.42
PORT_JEFF_3 23555	20.50 1.37 -0.98	19.62 0.90 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.49 -0.20 -22.74	19.48 -0.21 -22.75	19.09 -0.12 -20.90	19.58 0.31 -14.36	19.23 0.69 -9.12	19.07 0.39 -14.04	24.76 1.24 -9.02	24.83 1.57 -5.03	28.76 0.54 -22.03	26.28 1.24 -12.12	40.68 2.30 -15.65	39.79 1.84 -19.89	26.67 1.59 -9.35	67.93 -0.53 -73.64	44.12 -0.12 -45.45	37.64 -0.08 -38.50	27.38 0.22 -24.98	36.95 -0.45 -42.01	22.45 -0.19 -24.63	63.74 -1.01 -77.44
PORT_JEFF_4 23616	20.50 1.37 -0.98	19.62 0.90 -6.35	18.90 0.04 -18.26	19.39 -0.20 -22.64	19.49 -0.20 -22.74	19.48 -0.21 -22.75	19.09 -0.12 -20.90	19.58 0.31 -14.36	19.23 0.69 -9.12	19.07 0.39 -14.04	24.76 1.24 -9.02	24.83 1.57 -5.03	28.76 0.54 -22.03	26.28 1.24 -12.12	40.68 2.30 -15.65	39.79 1.84 -19.89	26.67 1.59 -9.35	67.93 -0.53 -73.64	44.12 -0.12 -45.45	37.64 -0.08 -38.50	27.38 0.22 -24.98	36.95 -0.45 -42.01	22.45 -0.19 -24.63	63.74 -1.01 -77.44
PORT_JEFF_IC 23713	20.52 1.39 -0.98	19.64 0.91 -6.35	18.90 0.04 -18.26	19.39 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.59 0.32 -14.36	19.25 0.71 -9.12	19.09 0.40 -14.04	24.81 1.30 -9.02	24.90 1.64 -5.03	28.78 0.56 -22.03	26.32 1.27 -12.12	40.73 2.35 -15.65	39.83 1.87 -19.89	26.75 1.62 -9.38	67.92 -0.55 -73.64	46.88 -0.12 -48.21	39.17 -0.08 -40.03	27.91 0.23 -25.51	38.46 -0.47 -43.53	22.60 -0.20 -24.78	63.73 -1.02 -77.44
PPL PILGRIM_ST_GT1 24216	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.33 -14.36	19.27 0.73 -9.12	19.10 0.41 -14.04	24.88 1.37 -9.02	24.98 1.72 -5.03	28.79 0.57 -22.03	26.29 1.25 -12.12	40.66 2.28 -15.65	39.77 1.82 -19.89	26.46 1.57 -9.15	67.93 -0.53 -73.63	28.93 -0.12 -30.25	29.23 -0.08 -30.09	24.46 0.22 -22.08	28.60 -0.44 -33.64	21.62 -0.19 -23.80	63.71 -1.04 -77.44
PPL PILGRIM_ST_GT2 24217	20.54 1.41 -0.98	19.65 0.92 -6.35	18.90 0.04 -18.26	19.38 -0.21 -22.64	19.48 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.60 0.33 -14.36	19.27 0.73 -9.12	19.10 0.41 -14.04	24.88 1.37 -9.02	24.98 1.72 -5.03	28.79 0.57 -22.03	26.29 1.25 -12.12	40.66 2.28 -15.65	39.77 1.82 -19.89	26.46 1.57 -9.15	67.93 -0.53 -73.63	28.93 -0.12 -30.25	29.23 -0.08 -30.09	24.46 0.22 -22.08	28.60 -0.44 -33.64	21.62 -0.19 -23.80	63.71 -1.04 -77.44
PPL_SHRM_GT3 24213	20.59 1.46 -0.98	19.69 0.96 -6.35	18.90 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.31 0.77 -9.12	19.14 0.45 -14.04	24.97 1.46 -9.02	25.10 1.84 -5.03	28.84 0.62 -22.03	26.43 1.38 -12.12	40.89 2.51 -15.65	39.97 2.02 -19.89	26.84 1.74 -9.35	67.89 -0.58 -73.64	44.45 -0.13 -45.78	37.82 -0.09 -38.68	27.46 0.25 -25.05	37.09 -0.50 -42.19	22.45 -0.21 -24.65	63.72 -1.03 -77.44
PPL_SHRM_GT4 24214	20.59 1.46 -0.98	19.69 0.96 -6.35	18.90 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.31 0.77 -9.12	19.14 0.45 -14.04	24.97 1.46 -9.02	25.10 1.84 -5.03	28.84 0.62 -22.03	26.43 1.38 -12.12	40.89 2.51 -15.65	39.97 2.02 -19.89	26.84 1.74 -9.35	67.89 -0.58 -73.64	44.45 -0.13 -45.78	37.82 -0.09 -38.68	27.46 0.25 -25.05	37.09 -0.50 -42.19	22.45 -0.21 -24.65	63.72 -1.03 -77.44
PROJECT____ORANGE 1 24174	18.08 -0.17 -0.11	12.94 -0.13 -0.70	2.60 -0.01 -2.00	-0.53 0.03 -2.48	-0.52 0.04 -2.49	-0.53 0.04 -2.49	0.62 0.02 -2.29	6.42 -0.07 -1.57	10.30 -0.11 -1.00	6.12 -0.06 -1.54	14.97 -0.20 -0.68	18.51 -0.26 -0.54	8.53 -0.07 -2.42	14.09 -0.15 -1.32	22.76 -0.28 -0.31	18.68 -0.22 -0.85	16.38 -0.22 -0.86	-1.94 0.06 -3.16	1.70 0.02 -2.89	2.29 0.01 -3.06	4.47 -0.03 -2.34	-1.12 0.04 -3.45	0.63 0.03 -2.58	-4.01 0.20 -8.48
PROJECT____ORANGE 2 24166	18.08 -0.17 -0.11	12.94 -0.13 -0.70	2.60 -0.01 -2.00	-0.53 0.03 -2.48	-0.52 0.04 -2.49	-0.53 0.04 -2.49	0.62 0.02 -2.29	6.42 -0.07 -1.57	10.30 -0.11 -1.00	6.12 -0.06 -1.54	14.97 -0.20 -0.68	18.51 -0.26 -0.54	8.53 -0.07 -2.42	14.09 -0.15 -1.32	22.76 -0.28 -0.31	18.68 -0.22 -0.85	16.38 -0.22 -0.86	-1.94 0.06 -3.16	1.70 0.02 -2.89	2.29 0.01 -3.06	4.47 -0.03 -2.34	-1.12 0.04 -3.45	0.63 0.03 -2.58	-4.01 0.20 -8.48
PUCKETT____SOLAR 323809	18.83 0.35 -0.33	14.72 0.18 -2.15	6.81 0.01 -6.20	4.59 -0.06 -7.68	4.61 -0.06 -7.72	4.60 -0.06 -7.72	5.37 -0.04 -7.10	9.87 0.08 -4.88	12.69 0.18 -3.10	9.49 0.08 -4.77	16.81 0.22 -2.10	20.14 0.23 -1.68	13.77 0.10 -7.48	17.22 0.21 -4.09	24.04 0.35 -0.96	21.05 0.37 -2.62	18.75 0.36 -2.66	4.50 -0.13 -9.80	7.72 -0.03 -8.95	8.68 -0.02 -9.48	9.46 0.06 -7.24	5.95 -0.14 -10.69	5.98 -0.04 -8.00	13.32 -0.27 -26.28
PYRITES____HYD 24023	18.03 -0.11 0.00	12.31 -0.07 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.03 0.01 0.00	-3.06 0.01 0.00	-1.69 0.00 0.00	4.92 0.02 0.00	9.44 0.02 0.00	4.64 0.00 0.00	14.51 0.01 0.00	18.24 0.01 0.00	6.15 -0.04 0.00	12.77 -0.15 0.00	22.35 -0.37 0.00	17.85 -0.20 0.00	15.60 -0.14 0.00	-5.10 0.07 0.00	-1.19 0.01 0.00	-0.77 0.02 0.00	2.15 -0.02 0.00	-4.56 0.04 0.00	-1.98 0.00 0.00	-12.70 0.00 0.00
QUAKERRD_115KV_BK1 80622	17.49 -0.79 -0.13	12.68 -0.56 -0.87	3.07 -0.03 -2.50	0.17 0.11 -3.10	0.17 0.11 -3.11	0.16 0.11 -3.11	1.23 0.06 -2.86	6.69 -0.19 -1.96	10.29 -0.38 -1.25	6.38 -0.19 -1.92	14.70 -0.64 -0.84	18.09 -0.82 -0.68	8.97 -0.23 -3.01	14.04 -0.53 -1.65	22.13 -0.98 -0.39	18.29 -0.83 -1.06	16.04 -0.77 -1.07	-0.99 0.23 -3.95	2.46 0.06 -3.61	3.07 0.03 -3.82	4.98 -0.11 -2.92	-0.17 0.13 -4.31	1.32 0.08 -3.23	-1.61 0.49 -10.59

QUENSBRY_I15KV_TB8 356137	20.46 1.04 -1.27	21.25 0.67 -8.20	24.22 0.04 -23.58	26.03 -0.16 -29.24	26.16 -0.17 -29.37	26.15 -0.17 -29.39	25.25 -0.10 -27.04	23.78 0.30 -18.58	21.80 0.58 -11.79	23.09 0.28 -18.16	23.38 0.90 -7.98	25.68 1.04 -6.41	35.04 0.35 -28.50	29.21 0.72 -15.56	27.71 1.34 -3.64	29.17 1.14 -9.97	26.83 0.99 -10.10	31.79 -0.34 -37.30	32.76 -0.08 -34.05	35.24 -0.06 -36.08	29.86 0.15 -27.54	35.75 -0.32 -40.67	28.35 -0.13 -30.46	86.57 -0.76 -100.02
RAMAPO____LBMP 323565	19.95 0.86 -0.94	19.04 0.57 -6.09	18.14 0.03 -17.51	18.54 -0.13 -21.71	18.63 -0.13 -21.80	18.62 -0.13 -21.82	18.27 -0.08 -20.04	18.91 0.23 -13.77	18.62 0.46 -8.74	18.35 0.25 -13.46	21.20 0.79 -5.92	24.02 1.04 -4.75	27.68 0.37 -21.12	25.25 0.78 -11.55	26.76 1.33 -2.70	26.49 1.03 -7.40	24.15 0.91 -7.50	22.22 -0.31 -27.69	24.00 -0.07 -25.28	25.96 -0.04 -26.78	22.75 0.13 -20.45	25.32 -0.27 -30.20	20.52 -0.11 -22.61	60.88 -0.68 -74.25
RANKINE____ 23646	17.63 -0.70 -0.18	13.02 -0.55 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.26 0.05 -4.25	1.24 0.05 -4.25	2.25 0.04 -3.91	7.46 -0.12 -2.68	10.83 -0.29 -1.70	7.14 -0.13 -2.62	15.16 -0.49 -1.15	18.54 -0.62 -0.93	10.17 -0.14 -4.12	14.78 -0.39 -2.25	22.49 -0.76 -0.53	18.77 -0.73 -1.44	16.46 -0.74 -1.46	0.43 0.20 -5.40	3.77 0.05 -4.93	4.46 0.03 -5.22	6.05 -0.10 -3.99	1.33 0.05 -5.88	2.48 0.05 -4.40	2.08 0.30 -14.47
RAVENSWOOD_GT2_1 24244	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	24.42 1.24 -4.96	28.64 0.43 -22.02	25.88 0.92 -12.04	27.11 1.57 -2.82	26.99 1.21 -7.72	24.63 1.08 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD_GT2_2 24245	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	24.42 1.24 -4.96	28.64 0.43 -22.02	25.88 0.92 -12.04	27.11 1.57 -2.82	26.99 1.21 -7.72	24.63 1.08 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD_GT2_3 24246	20.13 1.00 -0.98	19.39 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.08 0.54 -9.12	18.98 0.29 -14.04	21.59 0.93 -6.17	24.43 1.25 -4.96	28.64 0.43 -22.02	25.89 0.92 -12.04	27.13 1.58 -2.82	27.00 1.22 -7.72	24.64 1.09 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.32 -31.48	21.46 -0.13 -23.58	63.92 -0.81 -77.42
RAVENSWOOD_GT2_4 24247	20.13 1.00 -0.98	19.39 0.67 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.53 0.27 -14.36	19.08 0.54 -9.12	18.98 0.29 -14.04	21.59 0.93 -6.17	24.43 1.25 -4.96	28.64 0.43 -22.02	25.89 0.92 -12.04	27.13 1.58 -2.82	27.00 1.22 -7.72	24.64 1.09 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.32 -31.48	21.46 -0.13 -23.58	63.92 -0.81 -77.42
RAVENSWOOD_GT3_1 24248	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	24.42 1.24 -4.96	28.64 0.43 -22.02	25.88 0.92 -12.04	27.11 1.57 -2.82	26.99 1.21 -7.72	24.63 1.08 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD_GT3_2 24249	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	24.42 1.24 -4.96	28.64 0.43 -22.02	25.88 0.92 -12.04	27.11 1.57 -2.82	26.99 1.21 -7.72	24.63 1.08 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD_GT3_3 24250	20.15 1.02 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.91 0.94 -12.04	27.16 1.61 -2.82	27.02 1.24 -7.72	24.66 1.10 -7.82	23.34 -0.37 -28.87	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.91 -0.82 -77.42
RAVENSWOOD_GT3_4 24251	20.15 1.02 -0.98	19.41 0.68 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.55 -9.12	18.98 0.30 -14.04	21.61 0.94 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.91 0.94 -12.04	27.16 1.61 -2.82	27.02 1.24 -7.72	24.66 1.10 -7.82	23.34 -0.37 -28.87	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.91 -0.82 -77.42
RAVENSWOOD_GT_1 23729	20.19 1.06 -0.98	19.44 0.72 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.51 -0.17 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.11 0.58 -9.12	19.00 0.31 -14.04	21.65 0.98 -6.17	31.94 1.33 -12.38	28.68 0.46 -22.03	25.96 0.99 -12.05	27.25 1.69 -2.83	27.10 1.31 -7.73	24.73 1.16 -7.83	23.32 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.16 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.87 -0.85 -77.42
RAVENSWOOD_GT_10 24258	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	25.27 1.24 -5.81	28.64 0.43 -22.02	25.87 0.91 -12.04	27.11 1.57 -2.82	26.98 1.21 -7.72	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD_GT_11 24259	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	25.27 1.24 -5.81	28.64 0.43 -22.02	25.87 0.91 -12.04	27.11 1.57 -2.82	26.98 1.21 -7.72	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD_GT_4 24252	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.07 0.53 -9.12	18.97 0.29 -14.04	21.58 0.91 -6.17	30.06 1.23 -10.61	28.64 0.42 -22.02	25.86 0.91 -12.04	27.10 1.56 -2.82	26.97 1.20 -7.71	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.57	63.93 -0.79 -77.42

RAVENSWOOD_GT_5 24254	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.07 0.53 -9.12	18.97 0.29 -14.04	21.58 0.91 -6.17	30.06 1.23 -10.61	28.64 0.42 -22.02	25.86 0.91 -12.04	27.10 1.56 -2.82	26.97 1.20 -7.71	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.57	63.93 -0.79 -77.42
RAVENSWOOD_GT_6 24253	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.07 0.53 -9.12	18.97 0.29 -14.04	21.58 0.91 -6.17	30.06 1.23 -10.61	28.64 0.42 -22.02	25.86 0.91 -12.04	27.10 1.56 -2.82	26.97 1.20 -7.71	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.57	63.93 -0.79 -77.42
RAVENSWOOD_GT_7 24255	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.53 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.07 0.53 -9.12	18.97 0.29 -14.04	21.58 0.91 -6.17	30.06 1.23 -10.61	28.64 0.42 -22.02	25.86 0.91 -12.04	27.10 1.56 -2.82	26.97 1.20 -7.71	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.57	63.93 -0.79 -77.42
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	25.27 1.24 -5.81	28.64 0.43 -22.02	25.87 0.91 -12.04	27.11 1.57 -2.82	26.98 1.21 -7.72	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD_GT_9 24257	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.97 0.29 -14.04	21.59 0.92 -6.17	25.27 1.24 -5.81	28.64 0.43 -22.02	25.87 0.91 -12.04	27.11 1.57 -2.82	26.98 1.21 -7.72	24.63 1.07 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.93 -0.80 -77.42
RAVENSWOOD___1 23533	20.16 1.03 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.56 -9.12	18.99 0.31 -14.04	21.62 0.96 -6.17	35.48 1.30 -15.96	28.66 0.45 -22.03	25.92 0.96 -12.05	27.19 1.64 -2.83	27.05 1.27 -7.73	24.68 1.12 -7.82	23.33 -0.37 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
RAVENSWOOD___2 23534	20.16 1.03 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.56 -9.12	18.99 0.31 -14.04	21.62 0.96 -6.17	35.48 1.30 -15.96	28.66 0.45 -22.03	25.92 0.96 -12.05	27.19 1.64 -2.83	27.05 1.27 -7.73	24.68 1.12 -7.82	23.33 -0.37 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
RAVENSWOOD___3 23535	20.12 0.99 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.73	19.52 -0.16 -22.75	19.12 -0.09 -20.90	19.53 0.27 -14.36	19.07 0.54 -9.12	18.98 0.29 -14.04	21.59 0.92 -6.17	24.42 1.24 -4.96	28.64 0.43 -22.02	25.88 0.92 -12.04	27.12 1.57 -2.82	26.99 1.22 -7.72	24.63 1.08 -7.82	23.35 -0.36 -28.87	25.07 -0.08 -26.36	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.48	21.46 -0.13 -23.58	63.92 -0.81 -77.42
RAVENSWOOD___4 23820	20.16 1.03 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.56 -9.12	18.99 0.31 -14.04	21.62 0.96 -6.17	35.48 1.30 -15.96	28.66 0.45 -22.03	25.92 0.96 -12.05	27.19 1.64 -2.83	27.05 1.27 -7.73	24.68 1.12 -7.82	23.33 -0.37 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
RCPL_TRUST___DRP 24196	20.16 1.03 -0.98	19.41 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.56 -9.12	18.98 0.30 -14.04	21.62 0.95 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.90 0.94 -12.04	27.16 1.61 -2.82	27.03 1.25 -7.72	24.66 1.11 -7.82	23.33 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.13 -23.58	63.91 -0.82 -77.42
RED___ROCHESTER 323720	17.92 -0.36 -0.14	12.99 -0.28 -0.89	3.15 -0.02 -2.56	0.17 0.04 -3.18	0.18 0.03 -3.19	0.16 0.03 -3.19	1.27 0.02 -2.94	6.86 -0.06 -2.02	10.56 -0.13 -1.28	6.56 -0.06 -1.97	15.12 -0.24 -0.87	18.60 -0.32 -0.70	9.23 -0.05 -3.09	14.44 -0.17 -1.69	22.76 -0.36 -0.39	18.79 -0.35 -1.08	16.46 -0.37 -1.10	-1.03 0.09 -4.06	2.52 0.02 -3.70	3.15 0.01 -3.92	5.11 -0.05 -2.99	-0.20 -0.02 -4.42	1.35 0.02 -3.31	-1.68 0.14 -10.87
REGAN___SOLAR 323812	21.10 1.51 -1.44	22.67 0.99 -9.30	27.40 0.05 -26.74	29.88 -0.23 -33.16	30.03 -0.24 -33.31	30.02 -0.24 -33.33	28.84 -0.14 -30.67	26.37 0.39 -21.08	23.49 0.69 -13.38	25.53 0.28 -20.60	24.40 0.85 -9.06	26.49 0.99 -7.27	38.86 0.35 -32.32	31.22 0.65 -17.65	28.36 1.50 -4.13	30.44 1.08 -11.31	28.36 1.17 -11.46	36.78 -0.36 -42.31	37.31 -0.10 -38.62	40.08 -0.07 -40.92	33.59 0.19 -31.24	41.11 -0.42 -46.13	32.40 -0.16 -34.54	99.72 -1.03 -113.44
RENSSELAER___COGEN 23796	20.05 0.69 -1.22	20.70 0.47 -7.86	23.22 0.02 -22.58	24.85 -0.11 -28.00	24.98 -0.11 -28.14	24.97 -0.11 -28.15	24.09 -0.06 -25.85	22.86 0.19 -17.76	21.04 0.34 -11.28	22.18 0.17 -17.36	22.66 0.53 -7.63	25.00 0.64 -6.13	33.65 0.22 -27.25	28.30 0.48 -14.90	27.07 0.85 -3.49	28.29 0.68 -9.55	26.00 0.58 -9.68	30.37 -0.19 -35.73	31.36 -0.04 -32.61	33.75 -0.03 -34.56	28.63 0.08 -26.38	34.19 -0.17 -38.96	27.12 -0.07 -29.18	82.66 -0.45 -95.81
REPUBLIC_115KV_BARTNBRK 55605	21.64 2.22 -1.27	22.00 1.43 -8.19	24.24 0.07 -23.56	25.81 -0.36 -29.21	25.94 -0.36 -29.35	25.93 -0.37 -29.37	25.11 -0.21 -27.01	24.10 0.63 -18.56	22.42 1.22 -11.78	23.34 0.55 -18.14	24.19 1.72 -7.98	26.55 1.92 -6.40	35.29 0.63 -28.47	29.75 1.27 -15.55	28.75 2.39 -3.64	30.14 2.12 -9.96	27.65 1.82 -10.09	31.46 -0.64 -37.27	32.66 -0.15 -34.02	35.16 -0.11 -36.05	29.97 0.29 -27.52	35.41 -0.63 -40.64	28.19 -0.26 -30.43	85.65 -1.59 -99.93
REVERE_CPPR_DRP 24186	18.47 0.27 -0.06	12.96 0.19 -0.39	1.73 0.01 -1.12	-1.71 -0.05 -1.38	-1.70 -0.05 -1.39	-1.72 -0.05 -1.39	-0.44 -0.03 -1.28	5.87 0.09 -0.88	10.14 0.17 -0.56	5.57 0.07 -0.86	15.07 0.20 -0.38	18.80 0.27 -0.30	7.60 0.07 -1.35	13.77 0.11 -0.73	23.23 0.33 -0.17	18.88 0.35 -0.47	16.56 0.35 -0.48	-3.53 -0.13 -1.76	0.37 -0.03 -1.61	0.90 -0.02 -1.71	3.53 0.06 -1.30	-2.78 -0.10 -1.92	-0.57 -0.03 -1.44	-8.17 -0.21 -4.73

REYNOLDS_115KV_TB3 80639	20.02 0.66 -1.22	20.69 0.46 -7.86	23.22 0.02 -22.59	24.86 -0.11 -28.01	24.98 -0.11 -28.14	24.97 -0.11 -28.15	24.11 -0.06 -25.86	22.86 0.18 -17.77	21.03 0.33 -11.28	22.18 0.16 -17.37	22.64 0.51 -7.64	24.97 0.62 -6.13	33.66 0.21 -27.25	28.27 0.45 -14.90	27.02 0.80 -3.49	28.25 0.64 -9.55	25.96 0.55 -9.68	30.38 -0.18 -35.73	31.37 -0.04 -32.62	33.75 -0.03 -34.56	28.63 0.07 -26.38	34.20 -0.16 -38.96	27.13 -0.07 -29.18	82.69 -0.42 -95.81
RIVERBAY____ 323610	20.15 1.02 -0.98	19.43 0.70 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.50 -0.18 -22.75	19.11 -0.10 -20.90	19.56 0.30 -14.36	19.13 0.60 -9.12	19.01 0.32 -14.04	21.63 0.96 -6.17	33.75 1.35 -14.17	28.65 0.43 -22.03	25.88 0.91 -12.05	27.11 1.56 -2.83	26.99 1.21 -7.73	24.63 1.07 -7.83	23.36 -0.35 -28.88	25.07 -0.08 -26.36	27.09 -0.05 -27.93	23.64 0.15 -21.32	26.56 -0.32 -31.48	21.46 -0.14 -23.58	63.88 -0.84 -77.42
RIVERSDE_115KV_TB3 55908	20.05 0.69 -1.22	20.72 0.48 -7.86	23.23 0.02 -22.60	24.87 -0.11 -28.02	24.99 -0.11 -28.15	24.98 -0.11 -28.16	24.11 -0.06 -25.87	22.87 0.19 -17.78	21.05 0.35 -11.29	22.19 0.17 -17.38	22.67 0.54 -7.64	25.01 0.65 -6.13	33.68 0.22 -27.26	28.30 0.48 -14.91	27.07 0.85 -3.49	28.30 0.68 -9.55	26.00 0.58 -9.68	30.39 -0.19 -35.75	31.38 -0.04 -32.63	33.77 -0.03 -34.58	28.64 0.08 -26.40	34.21 -0.17 -38.98	27.14 -0.07 -29.19	82.71 -0.45 -95.86
ROARING____BROOK_WT_PWR 323790	17.01 -1.14 0.00	11.65 -0.73 0.00	0.57 -0.04 0.00	-2.89 0.15 0.00	-2.89 0.16 0.00	-2.90 0.16 0.00	-1.60 0.09 0.00	4.63 -0.28 0.00	8.90 -0.51 0.00	4.40 -0.25 0.00	13.70 -0.80 0.00	17.33 -0.89 0.00	5.85 -0.34 0.00	12.28 -0.65 0.00	21.90 -0.82 0.00	17.47 -0.59 0.00	15.35 -0.39 0.00	-5.04 0.13 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.33 0.27 0.00	-1.87 0.11 0.00	-11.96 0.73 0.00
ROCHESRG_115KV_T4 355643	17.76 -0.52 -0.14	12.88 -0.39 -0.88	3.13 -0.03 -2.55	0.18 0.06 -3.16	0.19 0.05 -3.18	0.17 0.06 -3.18	1.27 0.04 -2.92	6.81 -0.10 -2.01	10.47 -0.23 -1.27	6.50 -0.11 -1.96	14.95 -0.41 -0.86	18.39 -0.53 -0.69	9.14 -0.12 -3.08	14.28 -0.32 -1.68	22.50 -0.62 -0.39	18.58 -0.55 -1.08	16.29 -0.54 -1.09	-0.99 0.14 -4.04	2.51 0.04 -3.68	3.14 0.02 -3.90	5.07 -0.08 -2.98	-0.16 0.04 -4.40	1.35 0.04 -3.29	-1.61 0.26 -10.82
ROCHESTER_9_IC 23652	17.85 -0.44 -0.14	12.94 -0.33 -0.89	3.15 -0.02 -2.56	0.18 0.05 -3.18	0.19 0.04 -3.19	0.17 0.04 -3.19	1.27 0.03 -2.93	6.84 -0.08 -2.02	10.52 -0.18 -1.28	6.53 -0.08 -1.97	15.04 -0.32 -0.87	18.51 -0.42 -0.70	9.19 -0.09 -3.09	14.37 -0.24 -1.69	22.64 -0.48 -0.39	18.69 -0.45 -1.08	16.38 -0.45 -1.10	-1.00 0.12 -4.06	2.53 0.03 -3.70	3.15 0.01 -3.92	5.10 -0.06 -2.99	-0.17 0.01 -4.42	1.36 0.03 -3.31	-1.62 0.21 -10.87
ROCKVIEW_13_KV_LD 356306	20.13 1.00 -0.98	19.39 0.66 -6.35	18.89 0.03 -18.25	19.44 -0.15 -22.63	19.54 -0.15 -22.74	19.53 -0.15 -22.75	19.12 -0.09 -20.90	19.53 0.26 -14.36	19.07 0.53 -9.12	18.97 0.28 -14.04	21.58 0.91 -6.17	24.38 1.20 -4.96	28.63 0.42 -22.02	25.86 0.90 -12.04	27.09 1.54 -2.82	26.97 1.20 -7.72	24.62 1.06 -7.82	23.35 -0.35 -28.87	25.07 -0.08 -26.36	27.10 -0.05 -27.93	23.64 0.15 -21.32	26.57 -0.31 -31.49	21.47 -0.13 -23.58	63.95 -0.78 -77.42
ROME____115KV_TB2 80656	18.47 0.27 -0.06	12.96 0.19 -0.39	1.73 0.01 -1.12	-1.71 -0.05 -1.38	-1.70 -0.05 -1.39	-1.72 -0.05 -1.39	-0.44 -0.03 -1.28	5.87 0.09 -0.88	10.14 0.17 -0.56	5.57 0.07 -0.86	15.07 0.20 -0.38	18.80 0.27 -0.30	7.60 0.07 -1.35	13.77 0.11 -0.73	23.23 0.33 -0.17	18.88 0.35 -0.47	16.56 0.35 -0.48	-3.53 -0.13 -1.76	0.37 -0.03 -1.61	0.90 -0.02 -1.71	3.53 0.06 -1.30	-2.78 -0.10 -1.92	-0.57 -0.03 -1.44	-8.17 -0.21 -4.73
ROSETON____1 23587	19.93 0.81 -0.97	19.20 0.54 -6.28	18.69 0.03 -18.06	19.22 -0.12 -22.39	19.32 -0.12 -22.49	19.31 -0.13 -22.50	18.91 -0.07 -20.67	19.33 0.21 -14.21	18.87 0.44 -9.02	18.76 0.23 -13.89	21.33 0.73 -6.11	24.08 0.95 -4.90	28.32 0.33 -21.79	25.55 0.72 -11.91	26.75 1.23 -2.79	26.64 0.95 -7.64	24.31 0.84 -7.74	23.12 -0.28 -28.57	24.80 -0.07 -26.08	26.81 -0.04 -27.63	23.38 0.12 -21.09	26.29 -0.25 -31.15	21.23 -0.11 -23.32	63.26 -0.63 -76.59
ROSETON____2 23588	19.93 0.81 -0.97	19.20 0.54 -6.28	18.69 0.03 -18.06	19.22 -0.12 -22.39	19.32 -0.12 -22.49	19.31 -0.13 -22.50	18.91 -0.07 -20.67	19.33 0.21 -14.21	18.87 0.44 -9.02	18.76 0.23 -13.89	21.33 0.73 -6.11	24.08 0.95 -4.90	28.32 0.33 -21.79	25.55 0.72 -11.91	26.75 1.23 -2.79	26.64 0.95 -7.64	24.31 0.84 -7.74	23.12 -0.28 -28.57	24.80 -0.07 -26.08	26.81 -0.04 -27.63	23.38 0.12 -21.09	26.29 -0.25 -31.15	21.23 -0.11 -23.32	63.26 -0.63 -76.59
ROTTSDAM_115KV_TB3 80664	20.10 0.67 -1.29	21.14 0.45 -8.31	24.54 0.02 -23.91	26.50 -0.11 -29.64	26.62 -0.11 -29.78	26.62 -0.11 -29.80	25.68 -0.06 -27.43	23.94 0.18 -18.85	21.73 0.34 -11.97	23.24 0.17 -18.42	23.12 0.52 -8.10	25.37 0.65 -6.50	35.32 0.22 -28.91	29.17 0.46 -15.78	27.25 0.83 -3.69	28.83 0.67 -10.11	26.56 0.58 -10.24	32.46 -0.20 -37.82	33.27 -0.05 -34.52	35.77 -0.03 -36.58	30.18 0.08 -27.93	36.46 -0.18 -41.24	28.83 -0.07 -30.88	88.26 -0.46 -101.41
RUSSELL____1 23602	17.92 -0.36 -0.14	12.98 -0.28 -0.89	3.15 -0.02 -2.56	0.17 0.04 -3.18	0.18 0.03 -3.19	0.16 0.03 -3.19	1.27 0.02 -2.94	6.86 -0.06 -2.02	10.57 -0.13 -1.28	6.56 -0.06 -1.97	15.12 -0.24 -0.87	18.60 -0.32 -0.70	9.23 -0.05 -3.09	14.44 -0.17 -1.69	22.77 -0.36 -0.39	18.79 -0.35 -1.08	16.47 -0.37 -1.10	-1.03 0.08 -4.06	2.52 0.02 -3.70	3.15 0.01 -3.92	5.11 -0.05 -2.99	-0.19 -0.02 -4.42	1.35 0.02 -3.31	-1.68 0.15 -10.87
RUSSELL____2 23532	17.92 -0.36 -0.14	12.98 -0.28 -0.89	3.15 -0.02 -2.56	0.17 0.04 -3.18	0.18 0.03 -3.19	0.16 0.03 -3.19	1.27 0.02 -2.94	6.86 -0.06 -2.02	10.57 -0.13 -1.28	6.56 -0.06 -1.97	15.12 -0.24 -0.87	18.60 -0.32 -0.70	9.23 -0.05 -3.09	14.44 -0.17 -1.69	22.77 -0.36 -0.39	18.79 -0.35 -1.08	16.47 -0.37 -1.10	-1.03 0.08 -4.06	2.52 0.02 -3.70	3.15 0.01 -3.92	5.11 -0.05 -2.99	-0.19 -0.02 -4.42	1.35 0.02 -3.31	-1.68 0.15 -10.87
RUSSELL____3 23549	17.92 -0.36 -0.14	12.98 -0.28 -0.89	3.15 -0.02 -2.56	0.17 0.04 -3.18	0.18 0.03 -3.19	0.16 0.03 -3.19	1.27 0.02 -2.94	6.86 -0.06 -2.02	10.57 -0.13 -1.28	6.56 -0.06 -1.97	15.12 -0.24 -0.87	18.60 -0.32 -0.70	9.23 -0.05 -3.09	14.44 -0.17 -1.69	22.77 -0.36 -0.39	18.79 -0.35 -1.08	16.47 -0.37 -1.10	-1.03 0.08 -4.06	2.52 0.02 -3.70	3.15 0.01 -3.92	5.11 -0.05 -2.99	-0.19 -0.02 -4.42	1.35 0.02 -3.31	-1.68 0.15 -10.87
RUSSELL____4 23556	17.92 -0.36 -0.14	12.98 -0.28 -0.89	3.15 -0.02 -2.56	0.17 0.04 -3.18	0.18 0.03 -3.19	0.16 0.03 -3.19	1.27 0.02 -2.94	6.86 -0.06 -2.02	10.57 -0.13 -1.28	6.56 -0.06 -1.97	15.12 -0.24 -0.87	18.60 -0.32 -0.70	9.23 -0.05 -3.09	14.44 -0.17 -1.69	22.77 -0.36 -0.39	18.79 -0.35 -1.08	16.47 -0.37 -1.10	-1.03 0.08 -4.06	2.52 0.02 -3.70	3.15 0.01 -3.92	5.11 -0.05 -2.99	-0.19 -0.02 -4.42	1.35 0.02 -3.31	-1.68 0.15 -10.87

RUSSELL___STATION 23914	17.92 -0.36 -0.14	12.98 -0.28 -0.89	3.15 -0.02 -2.56	0.17 0.04 -3.18	0.18 0.03 -3.19	0.16 0.03 -3.19	1.27 0.02 -2.94	6.86 -0.06 -2.02	10.57 -0.13 -1.28	6.56 -0.06 -1.97	15.12 -0.24 -0.87	18.60 -0.32 -0.70	9.23 -0.05 -3.09	14.44 -0.17 -1.69	22.77 -0.36 -0.39	18.79 -0.35 -1.08	16.47 -0.37 -1.10	-1.03 0.08 -4.06	2.52 0.02 -3.70	3.15 0.01 -3.92	5.11 -0.05 -2.99	-0.19 -0.02 -4.42	1.35 0.02 -3.31	-1.68 0.15 -10.87
S SALMON___HYD 24043	17.81 -0.42 -0.09	12.69 -0.26 -0.58	2.26 -0.01 -1.66	-0.92 0.07 -2.06	-0.91 0.07 -2.07	-0.93 0.07 -2.07	0.24 0.03 -1.90	6.12 -0.09 -1.31	10.09 -0.16 -0.83	5.84 -0.08 -1.28	14.82 -0.24 -0.56	18.34 -0.33 -0.45	8.06 -0.13 -2.00	13.72 -0.29 -1.10	22.57 -0.41 -0.26	18.51 -0.25 -0.70	16.17 -0.28 -0.71	-2.46 0.09 -2.62	1.21 0.02 -2.40	1.77 0.01 -2.54	4.08 -0.02 -1.94	-1.65 0.09 -2.86	0.21 0.05 -2.14	-5.31 0.35 -7.03
S.PERRY___115KV_TB1 80734	18.20 -0.12 -0.18	13.35 -0.15 -1.13	3.84 -0.02 -3.24	0.98 0.00 -4.02	0.97 -0.02 -4.04	0.96 -0.02 -4.04	2.01 -0.01 -3.71	7.51 0.05 -2.55	11.19 0.16 -1.62	7.24 0.10 -2.49	15.81 0.21 -1.10	19.49 0.39 -0.88	10.32 0.21 -3.91	15.54 0.49 -2.14	23.92 0.69 -0.50	19.86 0.43 -1.37	17.27 0.14 -1.39	-0.11 -0.07 -5.13	3.49 0.01 -4.68	4.18 0.00 -4.96	5.95 -0.01 -3.79	0.83 -0.16 -5.59	2.19 -0.02 -4.19	1.04 -0.02 -13.75
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.47 -0.84 -0.18	12.88 -0.63 -1.14	3.84 -0.05 -3.28	1.11 0.09 -4.06	1.11 0.07 -4.08	1.09 0.08 -4.08	2.11 0.05 -3.75	7.32 -0.17 -2.58	10.68 -0.38 -1.64	6.98 -0.19 -2.52	14.93 -0.67 -1.11	18.24 -0.88 -0.89	9.92 -0.22 -3.95	14.52 -0.57 -2.16	22.18 -1.05 -0.51	18.50 -0.95 -1.38	16.23 -0.91 -1.40	0.26 0.25 -5.18	3.59 0.06 -4.73	4.26 0.03 -5.01	5.87 -0.13 -3.83	1.13 0.09 -5.65	2.32 0.07 -4.23	1.59 0.39 -13.89
SAWYER___23_KV_LOAD 55526	17.47 -0.84 -0.18	12.88 -0.63 -1.14	3.84 -0.05 -3.28	1.11 0.09 -4.06	1.11 0.07 -4.08	1.09 0.08 -4.08	2.11 0.05 -3.75	7.32 -0.17 -2.58	10.68 -0.38 -1.64	6.98 -0.19 -2.52	14.93 -0.67 -1.11	18.24 -0.88 -0.89	9.92 -0.22 -3.95	14.52 -0.57 -2.16	22.18 -1.05 -0.51	18.50 -0.95 -1.38	16.23 -0.91 -1.40	0.26 0.25 -5.18	3.59 0.06 -4.73	4.26 0.03 -5.01	5.87 -0.13 -3.83	1.13 0.09 -5.65	2.32 0.07 -4.23	1.59 0.39 -13.89
SELKIRK___I 23801	20.07 0.73 -1.20	20.60 0.49 -7.73	22.87 0.02 -22.24	24.41 -0.12 -27.57	24.53 -0.12 -27.70	24.52 -0.13 -27.71	23.68 -0.07 -25.44	22.58 0.20 -17.48	20.88 0.36 -11.10	21.91 0.17 -17.09	22.55 0.54 -7.51	24.90 0.64 -6.03	33.22 0.22 -26.81	28.08 0.49 -14.67	27.02 0.86 -3.44	28.15 0.69 -9.40	25.86 0.59 -9.53	29.82 -0.20 -35.18	30.87 -0.04 -32.12	33.22 -0.03 -34.03	28.23 0.08 -25.98	33.58 -0.17 -38.36	26.67 -0.07 -28.73	81.16 -0.48 -94.34
SELKIRK___II 23799	19.99 0.63 -1.22	20.65 0.43 -7.83	23.15 0.02 -22.52	24.78 -0.10 -27.92	24.90 -0.11 -28.05	24.89 -0.11 -28.07	24.01 -0.06 -25.76	22.78 0.17 -17.70	20.97 0.32 -11.24	22.10 0.16 -17.30	22.59 0.49 -7.61	24.93 0.59 -6.11	33.54 0.20 -27.15	28.21 0.44 -14.85	27.00 0.79 -3.48	28.21 0.63 -9.52	25.93 0.54 -9.65	30.28 -0.18 -35.63	31.27 -0.04 -32.52	33.65 -0.03 -34.46	28.55 0.07 -26.31	34.09 -0.16 -38.85	27.04 -0.07 -29.09	82.41 -0.42 -95.53
SENECA OSWGO___HYD 24041	17.95 -0.29 -0.10	12.83 -0.20 -0.65	2.47 -0.01 -1.87	-0.67 0.05 -2.32	-0.66 0.06 -2.33	-0.68 0.06 -2.33	0.48 0.03 -2.14	6.28 -0.10 -1.47	10.17 -0.18 -0.93	5.99 -0.10 -1.44	14.82 -0.31 -0.63	18.33 -0.40 -0.51	8.32 -0.12 -2.26	13.90 -0.26 -1.23	22.55 -0.47 -0.29	18.47 -0.38 -0.79	16.18 -0.36 -0.80	-2.11 0.11 -2.96	1.52 0.03 -2.70	2.09 0.01 -2.86	4.30 -0.05 -2.18	-1.30 0.07 -3.22	0.48 0.05 -2.42	-4.47 0.30 -7.93
SENECA___115KV_TB3 355854	17.65 -0.68 -0.18	13.04 -0.52 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.25 0.05 -4.25	1.24 0.05 -4.25	2.25 0.03 -3.91	7.47 -0.12 -2.68	10.85 -0.27 -1.70	7.14 -0.12 -2.62	15.18 -0.47 -1.15	18.57 -0.58 -0.93	10.18 -0.13 -4.12	14.80 -0.37 -2.25	22.52 -0.73 -0.53	18.80 -0.70 -1.44	16.49 -0.71 -1.46	0.42 0.19 -5.40	3.77 0.05 -4.93	4.46 0.03 -5.22	6.05 -0.10 -3.99	1.32 0.04 -5.88	2.47 0.05 -4.40	2.06 0.28 -14.47
SENECA___ENERGY 23797	18.06 -0.23 -0.14	13.11 -0.21 -0.94	3.30 -0.01 -2.70	0.34 0.04 -3.34	0.35 0.04 -3.36	0.33 0.03 -3.36	1.42 0.02 -3.09	6.98 -0.05 -2.12	10.68 -0.09 -1.35	6.68 -0.04 -2.08	15.27 -0.14 -0.91	18.79 -0.17 -0.73	9.42 -0.03 -3.26	14.65 -0.06 -1.78	23.02 -0.12 -0.42	19.09 -0.10 -1.14	16.74 -0.15 -1.16	-0.86 0.04 -4.27	2.71 0.02 -3.90	3.36 0.01 -4.13	5.29 -0.02 -3.15	0.05 0.00 -4.65	1.53 0.02 -3.49	-1.09 0.15 -11.45
SHOEMAKER___GT 23640	19.76 0.72 -0.90	18.63 0.47 -5.78	17.24 0.02 -16.60	17.44 -0.11 -20.59	17.53 -0.11 -20.68	17.52 -0.11 -20.69	17.25 -0.07 -19.01	18.16 0.19 -13.07	18.10 0.38 -8.29	17.62 0.21 -12.77	20.76 0.66 -5.61	23.58 0.84 -4.51	26.53 0.30 -20.04	24.51 0.64 -10.95	26.38 1.09 -2.57	25.93 0.85 -7.02	23.60 0.75 -7.12	20.85 -0.25 -26.27	22.71 -0.06 -23.98	24.59 -0.04 -25.41	21.67 0.11 -19.40	23.81 -0.23 -28.64	19.37 -0.10 -21.45	57.18 -0.56 -70.44
SHOEMAKR_138KV_BK 111 55601	19.75 0.72 -0.89	18.59 0.47 -5.74	17.12 0.02 -16.49	17.30 -0.11 -20.45	17.39 -0.11 -20.55	17.38 -0.11 -20.56	17.13 -0.07 -18.88	18.07 0.19 -12.98	18.04 0.38 -8.24	17.53 0.20 -12.69	20.72 0.65 -5.58	23.54 0.84 -4.48	26.39 0.30 -19.91	24.44 0.63 -10.88	26.35 1.08 -2.55	25.88 0.85 -6.97	23.55 0.75 -7.07	20.67 -0.25 -26.09	22.55 -0.06 -23.82	24.42 -0.04 -25.24	21.54 0.11 -19.27	23.62 -0.23 -28.45	19.23 -0.09 -21.31	56.71 -0.56 -69.97
SHOREHAM_IC_1 23715	20.59 1.46 -0.98	19.69 0.96 -6.35	18.90 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.31 0.77 -9.12	19.14 0.45 -14.04	24.97 1.46 -9.02	25.10 1.84 -5.03	28.84 0.62 -22.03	26.43 1.38 -12.12	40.89 2.51 -15.65	39.97 2.02 -19.89	26.84 1.74 -9.35	67.89 -0.58 -73.64	44.45 -0.13 -45.78	37.82 -0.09 -38.68	27.46 0.25 -25.05	37.09 -0.50 -42.19	22.45 -0.21 -24.65	63.72 -1.03 -77.44
SHOREHAM_IC_2 23716	20.59 1.46 -0.98	19.69 0.96 -6.35	18.90 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.31 0.77 -9.12	19.14 0.45 -14.04	24.97 1.46 -9.02	25.10 1.84 -5.03	28.84 0.62 -22.03	26.43 1.38 -12.12	40.89 2.51 -15.65	39.97 2.02 -19.89	26.84 1.74 -9.35	67.89 -0.58 -73.64	44.45 -0.13 -45.78	37.82 -0.09 -38.68	27.46 0.25 -25.05	37.09 -0.50 -42.19	22.45 -0.21 -24.65	63.72 -1.03 -77.44
SISSONVILLE___ 23735	17.78 -0.36 0.00	12.14 -0.24 0.00	0.60 -0.01 0.00	-2.98 0.06 0.00	-2.99 0.06 0.00	-3.01 0.05 0.00	-1.66 0.03 0.00	4.86 -0.05 0.00	9.31 -0.10 0.00	4.59 -0.06 0.00	14.34 -0.15 0.00	18.02 -0.20 0.00	6.07 -0.12 0.00	12.59 -0.33 0.00	22.01 -0.72 0.00	17.56 -0.50 0.00	15.33 -0.41 0.00	-5.01 0.16 0.00	-1.17 0.04 0.00	-0.75 0.03 0.00	2.11 -0.05 0.00	-4.50 0.11 0.00	-1.95 0.03 0.00	-12.54 0.16 0.00

SITHE_IND_GS1 24169	17.75 -0.48 -0.09	12.60 -0.33 -0.56	2.20 -0.02 -1.60	-0.97 0.08 -1.99	-0.96 0.09 -2.00	-0.97 0.09 -2.00	0.20 0.05 -1.84	6.02 -0.15 -1.26	9.93 -0.29 -0.80	5.73 -0.15 -1.23	14.56 -0.48 -0.54	18.05 -0.61 -0.43	7.93 -0.19 -1.94	13.57 -0.42 -1.06	22.23 -0.74 -0.25	18.14 -0.60 -0.68	15.88 -0.54 -0.69	-2.46 0.17 -2.54	1.15 0.04 -2.32	1.70 0.02 -2.45	3.96 -0.07 -1.87	-1.70 0.13 -2.77	0.16 0.07 -2.07	-5.46 0.44 -6.80
SITHE_IND_GS2 24170	17.75 -0.48 -0.09	12.60 -0.33 -0.56	2.20 -0.02 -1.60	-0.97 0.08 -1.99	-0.96 0.09 -2.00	-0.97 0.09 -2.00	0.20 0.05 -1.84	6.02 -0.15 -1.26	9.93 -0.29 -0.80	5.73 -0.15 -1.23	14.56 -0.48 -0.54	18.05 -0.61 -0.43	7.93 -0.19 -1.94	13.57 -0.42 -1.06	22.23 -0.74 -0.25	18.14 -0.60 -0.68	15.88 -0.54 -0.69	-2.46 0.17 -2.54	1.15 0.04 -2.32	1.70 0.02 -2.45	3.96 -0.07 -1.87	-1.70 0.13 -2.77	0.16 0.07 -2.07	-5.46 0.44 -6.80
SITHE_IND_GS3 24171	17.75 -0.48 -0.09	12.60 -0.33 -0.56	2.20 -0.02 -1.60	-0.97 0.08 -1.99	-0.96 0.09 -2.00	-0.97 0.09 -2.00	0.20 0.05 -1.84	6.02 -0.15 -1.26	9.93 -0.29 -0.80	5.73 -0.15 -1.23	14.56 -0.48 -0.54	18.05 -0.61 -0.43	7.93 -0.19 -1.94	13.57 -0.42 -1.06	22.23 -0.74 -0.25	18.14 -0.60 -0.68	15.88 -0.54 -0.69	-2.46 0.17 -2.54	1.15 0.04 -2.32	1.70 0.02 -2.45	3.96 -0.07 -1.87	-1.70 0.13 -2.77	0.16 0.07 -2.07	-5.46 0.44 -6.80
SITHE_IND_GS4 24172	17.75 -0.48 -0.09	12.60 -0.33 -0.56	2.20 -0.02 -1.60	-0.97 0.08 -1.99	-0.96 0.09 -2.00	-0.97 0.09 -2.00	0.20 0.05 -1.84	6.02 -0.15 -1.26	9.93 -0.29 -0.80	5.73 -0.15 -1.23	14.56 -0.48 -0.54	18.05 -0.61 -0.43	7.93 -0.19 -1.94	13.57 -0.42 -1.06	22.23 -0.74 -0.25	18.14 -0.60 -0.68	15.88 -0.54 -0.69	-2.46 0.17 -2.54	1.15 0.04 -2.32	1.70 0.02 -2.45	3.96 -0.07 -1.87	-1.70 0.13 -2.77	0.16 0.07 -2.07	-5.46 0.44 -6.80
SITHE___BATAVIA 24024	18.19 -0.09 -0.14	13.15 -0.12 -0.89	3.17 -0.01 -2.57	0.14 -0.01 -3.19	0.14 -0.02 -3.21	0.12 -0.02 -3.21	1.25 -0.01 -2.95	6.97 0.04 -2.02	10.76 0.05 -1.28	6.64 0.02 -1.98	15.37 0.00 -0.87	18.92 -0.01 -0.70	9.35 0.06 -3.10	14.68 0.06 -1.70	23.13 0.00 -0.40	19.05 -0.10 -1.09	16.69 -0.15 -1.10	-1.08 0.02 -4.07	2.52 0.01 -3.72	3.16 0.00 -3.94	5.15 -0.01 -3.01	-0.26 -0.09 -4.44	1.33 -0.01 -3.32	-1.87 -0.09 -10.91
SITHE___INDEPEND 23800	17.75 -0.48 -0.09	12.60 -0.33 -0.56	2.20 -0.01 -1.60	-0.97 0.08 -1.99	-0.96 0.09 -2.00	-0.97 0.09 -2.00	0.20 0.05 -1.84	6.02 -0.15 -1.26	9.93 -0.29 -0.80	5.73 -0.15 -1.23	14.56 -0.48 -0.54	18.05 -0.61 -0.43	7.93 -0.19 -1.94	13.56 -0.42 -1.06	22.23 -0.74 -0.25	18.14 -0.60 -0.68	15.88 -0.54 -0.69	-2.46 0.17 -2.54	1.15 0.04 -2.32	1.70 0.02 -2.45	3.96 -0.07 -1.87	-1.70 0.13 -2.77	0.15 0.07 -2.07	-5.46 0.44 -6.80
SITHE___MASSENA 23902	17.91 -0.23 0.00	12.23 -0.15 0.00	0.60 -0.01 0.00	-3.01 0.04 0.00	-3.01 0.03 0.00	-3.04 0.03 0.00	-1.67 0.02 0.00	4.87 -0.03 0.00	9.34 -0.08 0.00	4.60 -0.04 0.00	14.37 -0.12 0.00	18.06 -0.16 0.00	6.11 -0.08 0.00	12.74 -0.18 0.00	22.39 -0.33 0.00	17.82 -0.24 0.00	15.55 -0.19 0.00	-5.10 0.07 0.00	-1.19 0.02 0.00	-0.77 0.01 0.00	2.14 -0.03 0.00	-4.53 0.07 0.00	-1.96 0.02 0.00	-12.59 0.11 0.00
SITHE___OGDNSBRG 24021	18.04 -0.10 0.00	12.32 -0.07 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.04 0.01 0.00	-3.06 0.01 0.00	-1.69 0.00 0.00	4.92 0.01 0.00	9.43 0.01 0.00	4.64 0.00 0.00	14.51 0.01 0.00	18.24 0.01 0.00	6.16 -0.03 0.00	12.81 -0.11 0.00	22.48 -0.25 0.00	17.94 -0.12 0.00	15.67 -0.06 0.00	-5.13 0.04 0.00	-1.20 0.01 0.00	-0.77 0.01 0.00	2.16 -0.01 0.00	-4.57 0.03 0.00	-1.98 0.00 0.00	-12.70 0.00 0.00
SITHE___STERLING 23777	18.42 0.21 -0.07	12.96 0.13 -0.45	1.91 0.01 -1.29	-1.48 -0.03 -1.60	-1.47 -0.04 -1.61	-1.49 -0.03 -1.61	-0.23 -0.02 -1.48	5.98 0.06 -1.02	10.18 0.11 -0.64	5.68 0.04 -0.99	15.07 0.13 -0.44	18.74 0.16 -0.35	7.79 0.05 -1.56	13.87 0.09 -0.85	23.17 0.25 -0.20	18.86 0.25 -0.55	16.55 0.26 -0.55	-3.22 -0.09 -2.04	0.63 -0.02 -1.87	1.18 -0.02 -1.98	3.72 0.04 -1.51	-2.46 -0.08 -2.22	-0.34 -0.02 -1.67	-7.36 -0.14 -5.47
SLEIGHT__34_KV_TB1 80719	18.33 0.05 -0.14	13.24 -0.03 -0.89	3.16 0.00 -2.56	0.12 -0.01 -3.17	0.13 0.00 -3.19	0.11 -0.01 -3.19	1.23 -0.01 -2.93	6.94 0.03 -2.01	10.75 0.05 -1.28	6.64 0.03 -1.97	15.43 0.07 -0.87	19.01 0.08 -0.70	9.34 0.06 -3.09	14.70 0.09 -1.69	23.34 0.22 -0.39	19.27 0.13 -1.08	16.85 0.01 -1.10	-1.14 -0.02 -4.05	2.49 0.00 -3.69	3.13 -0.01 -3.91	5.16 0.01 -2.99	-0.25 -0.06 -4.41	1.31 -0.01 -3.30	-1.89 -0.05 -10.85
SOUTH CAIRO___GT 23612	20.50 1.21 -1.15	20.57 0.79 -7.40	21.93 0.04 -21.28	23.16 -0.20 -26.39	23.27 -0.20 -26.51	23.26 -0.20 -26.53	22.55 -0.11 -24.35	21.97 0.32 -16.74	20.66 0.61 -10.63	21.28 0.27 -16.36	22.56 0.87 -7.19	25.00 0.99 -5.78	32.22 0.35 -25.68	27.78 0.81 -14.04	27.49 1.48 -3.29	28.31 1.24 -9.00	25.95 1.10 -9.12	28.16 -0.36 -33.69	29.46 -0.08 -30.74	31.74 -0.05 -32.57	27.18 0.15 -24.86	31.79 -0.32 -36.72	25.38 -0.13 -27.49	76.76 -0.83 -90.29
SOUTH HAMPTN___IC 23720	20.90 1.77 -0.98	19.90 1.17 -6.35	18.92 0.05 -18.26	19.32 -0.27 -22.64	19.42 -0.27 -22.74	19.41 -0.28 -22.75	19.05 -0.16 -20.90	19.71 0.43 -14.36	19.52 0.98 -9.12	19.25 0.56 -14.04	25.35 1.83 -9.02	25.55 2.30 -5.03	28.99 0.77 -22.03	26.73 1.69 -12.12	41.44 3.07 -15.65	40.40 2.45 -19.89	27.20 2.12 -9.34	67.76 -0.71 -73.64	43.66 -0.16 -45.03	37.38 -0.11 -38.27	27.37 0.30 -24.90	36.56 -0.61 -41.78	22.37 -0.25 -24.60	63.47 -1.28 -77.44
SOUTHDOW__115KV_TB1 355954	17.90 -0.44 -0.20	13.26 -0.38 -1.26	4.20 -0.03 -3.62	1.49 0.03 -4.49	1.47 0.00 -4.51	1.45 0.00 -4.52	2.45 0.00 -4.15	7.78 0.02 -2.85	11.29 0.06 -1.81	7.50 0.07 -2.79	15.91 0.19 -1.23	19.44 0.24 -0.99	10.69 0.12 -4.37	15.43 0.12 -2.39	23.29 0.00 -0.56	19.44 -0.15 -1.53	16.94 -0.36 -1.55	0.64 0.08 -5.73	4.05 0.02 -5.23	4.78 0.01 -5.54	6.36 -0.04 -4.23	1.56 -0.09 -6.25	2.69 0.00 -4.68	2.71 0.04 -15.37
SOUTHOLD_69_KV_BK 2 55809	21.12 1.99 -0.98	20.05 1.33 -6.35	18.92 0.06 -18.26	19.28 -0.31 -22.64	19.38 -0.31 -22.74	19.36 -0.32 -22.75	19.03 -0.18 -20.90	19.78 0.51 -14.36	19.68 1.14 -9.12	19.34 0.65 -14.04	25.62 2.10 -9.02	25.92 2.66 -5.03	29.11 0.89 -22.03	26.96 1.92 -12.12	41.84 3.46 -15.65	40.72 2.76 -19.89	27.48 2.40 -9.34	67.66 -0.80 -73.64	43.65 -0.18 -45.04	37.37 -0.12 -38.27	27.41 0.34 -24.91	36.48 -0.69 -41.78	22.36 -0.26 -24.60	63.30 -1.45 -77.44
SOUTHOLD___IC 23719	21.12 1.99 -0.98	20.06 1.33 -6.35	18.92 0.06 -18.26	19.28 -0.31 -22.64	19.38 -0.31 -22.74	19.36 -0.32 -22.75	19.03 -0.18 -20.90	19.78 0.51 -14.36	19.67 1.13 -9.12	19.34 0.65 -14.04	25.62 2.11 -9.02	25.92 2.66 -5.03	29.11 0.89 -22.03	26.96 1.92 -12.12	41.84 3.47 -15.65	40.72 2.77 -19.89	27.48 2.40 -9.34	67.66 -0.80 -73.64	43.65 -0.18 -45.04	37.37 -0.12 -38.27	27.41 0.34 -24.91	36.48 -0.69 -41.78	22.34 -0.28 -24.60	63.28 -1.47 -77.44

SPIERFLS_115KV_TB 1 80737	20.33 0.91 -1.27	21.18 0.59 -8.21	24.23 0.03 -23.59	26.07 -0.15 -29.26	26.20 -0.14 -29.39	26.19 -0.15 -29.41	25.28 -0.09 -27.06	23.76 0.26 -18.59	21.73 0.51 -11.80	23.07 0.25 -18.17	23.28 0.79 -7.99	25.57 0.93 -6.42	35.02 0.31 -28.52	29.14 0.65 -15.57	27.57 1.20 -3.64	29.05 1.01 -9.97	26.72 0.88 -10.11	31.86 -0.30 -37.33	32.79 -0.07 -34.07	35.27 -0.05 -36.10	29.86 0.13 -27.56	35.82 -0.28 -40.70	28.38 -0.11 -30.48	86.72 -0.67 -100.08
ST LAWRENCE____ 23600	17.74 -0.41 0.00	12.11 -0.27 0.00	0.59 -0.01 0.00	-2.97 0.07 0.00	-2.98 0.07 0.00	-3.00 0.06 0.00	-1.66 0.03 0.00	4.82 -0.09 0.00	9.23 -0.18 0.00	4.55 -0.09 0.00	14.22 -0.28 0.00	17.87 -0.36 0.00	6.05 -0.13 0.00	12.63 -0.29 0.00	22.22 -0.51 0.00	17.67 -0.39 0.00	15.42 -0.32 0.00	-5.06 0.11 0.00	-1.18 0.03 0.00	-0.76 0.02 0.00	2.12 -0.05 0.00	-4.49 0.11 0.00	-1.94 0.04 0.00	-12.46 0.23 0.00
STATE_CA_115KV_115_LB 55624	20.20 0.81 -1.24	20.95 0.56 -8.02	23.69 0.03 -23.05	25.41 -0.13 -28.59	25.53 -0.13 -28.72	25.53 -0.13 -28.73	24.64 -0.07 -26.40	23.27 0.22 -18.15	21.35 0.41 -11.52	22.59 0.21 -17.74	22.94 0.65 -7.80	25.29 0.80 -6.26	34.29 0.27 -27.83	28.72 0.59 -15.21	27.34 1.05 -3.56	28.64 0.84 -9.75	26.34 0.72 -9.88	31.06 -0.24 -36.47	32.03 -0.06 -33.29	34.46 -0.04 -35.27	29.19 0.10 -26.93	34.96 -0.21 -39.77	27.71 -0.09 -29.78	84.55 -0.55 -97.79
STATE_ST_34_KV_LOAD 55959	18.38 0.09 -0.14	13.30 -0.01 -0.93	3.29 0.00 -2.68	0.27 -0.01 -3.32	0.29 0.00 -3.34	0.26 -0.01 -3.34	1.37 -0.01 -3.07	7.04 0.02 -2.11	10.82 0.06 -1.34	6.75 0.05 -2.06	15.55 0.15 -0.91	19.12 0.16 -0.73	9.50 0.08 -3.23	14.82 0.13 -1.77	23.40 0.26 -0.41	19.44 0.25 -1.13	16.99 0.10 -1.15	-0.98 -0.04 -4.24	2.66 -0.01 -3.87	3.31 -0.01 -4.10	5.32 0.02 -3.13	-0.06 -0.07 -4.62	1.47 -0.01 -3.46	-1.39 -0.05 -11.36
STATION 5_MISC_HYD 23604	17.84 -0.44 -0.14	12.94 -0.33 -0.89	3.15 -0.02 -2.56	0.18 0.05 -3.18	0.19 0.04 -3.19	0.17 0.04 -3.19	1.27 0.03 -2.93	6.84 -0.08 -2.02	10.52 -0.18 -1.28	6.53 -0.08 -1.97	15.04 -0.32 -0.87	18.51 -0.41 -0.70	9.20 -0.09 -3.09	14.37 -0.24 -1.69	22.64 -0.49 -0.39	18.69 -0.45 -1.08	16.39 -0.45 -1.10	-1.00 0.12 -4.06	2.53 0.03 -3.70	3.15 0.01 -3.92	5.10 -0.06 -2.99	-0.17 0.01 -4.42	1.36 0.03 -3.31	-1.62 0.20 -10.87
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.04 -0.25 -0.14	13.06 -0.21 -0.89	3.16 -0.02 -2.57	0.17 0.03 -3.18	0.18 0.02 -3.20	0.16 0.03 -3.20	1.27 0.01 -2.94	6.89 -0.04 -2.02	10.62 -0.08 -1.28	6.58 -0.04 -1.98	15.19 -0.18 -0.87	18.71 -0.21 -0.70	9.26 -0.03 -3.10	14.52 -0.09 -1.69	22.91 -0.21 -0.40	18.93 -0.21 -1.09	16.60 -0.24 -1.10	-1.05 0.06 -4.06	2.52 0.02 -3.71	3.15 0.01 -3.93	5.13 -0.04 -3.00	-0.19 -0.01 -4.43	1.35 0.02 -3.32	-1.68 0.13 -10.89
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.77 -0.51 -0.14	12.88 -0.38 -0.88	3.13 -0.02 -2.55	0.17 0.06 -3.16	0.18 0.05 -3.17	0.16 0.06 -3.17	1.26 0.04 -2.91	6.80 -0.10 -2.00	10.47 -0.22 -1.27	6.50 -0.11 -1.96	14.97 -0.38 -0.86	18.42 -0.49 -0.69	9.15 -0.11 -3.07	14.31 -0.30 -1.68	22.55 -0.57 -0.39	18.62 -0.51 -1.08	16.32 -0.50 -1.09	-1.01 0.13 -4.02	2.50 0.03 -3.67	3.13 0.02 -3.89	5.07 -0.07 -2.97	-0.18 0.03 -4.39	1.35 0.04 -3.29	-1.64 0.27 -10.79
STA_56____34_KV_BUS2 355983	17.77 -0.51 -0.14	12.88 -0.38 -0.88	3.13 -0.02 -2.55	0.17 0.06 -3.16	0.18 0.05 -3.17	0.16 0.06 -3.17	1.26 0.04 -2.91	6.80 -0.10 -2.00	10.47 -0.22 -1.27	6.50 -0.11 -1.96	14.97 -0.38 -0.86	18.42 -0.49 -0.69	9.15 -0.11 -3.07	14.31 -0.30 -1.68	22.55 -0.57 -0.39	18.62 -0.51 -1.08	16.32 -0.50 -1.09	-1.01 0.13 -4.02	2.50 0.03 -3.67	3.13 0.02 -3.89	5.07 -0.07 -2.97	-0.18 0.03 -4.39	1.35 0.04 -3.29	-1.64 0.27 -10.79
STA_67____115KV_BK2 355882	17.81 -0.47 -0.14	12.91 -0.36 -0.89	3.15 -0.03 -2.56	0.19 0.05 -3.18	0.19 0.05 -3.19	0.18 0.05 -3.19	1.27 0.03 -2.93	6.83 -0.09 -2.02	10.50 -0.20 -1.28	6.52 -0.09 -1.97	15.01 -0.36 -0.87	18.46 -0.46 -0.70	9.18 -0.10 -3.09	14.34 -0.27 -1.69	22.59 -0.54 -0.39	18.65 -0.49 -1.08	16.35 -0.48 -1.10	-0.99 0.12 -4.05	2.53 0.03 -3.70	3.15 0.02 -3.92	5.09 -0.07 -2.99	-0.16 0.02 -4.42	1.36 0.04 -3.31	-1.61 0.22 -10.87
STA_7____115KV_9TRANS 80674	17.92 -0.36 -0.14	12.98 -0.28 -0.89	3.15 -0.02 -2.56	0.17 0.04 -3.18	0.18 0.03 -3.19	0.16 0.03 -3.19	1.27 0.02 -2.94	6.86 -0.06 -2.02	10.57 -0.13 -1.28	6.56 -0.06 -1.97	15.12 -0.24 -0.87	18.60 -0.32 -0.70	9.23 -0.05 -3.09	14.44 -0.17 -1.69	22.77 -0.36 -0.39	18.79 -0.35 -1.08	16.47 -0.37 -1.10	-1.03 0.08 -4.06	2.52 0.02 -3.70	3.15 0.01 -3.92	5.11 -0.05 -2.99	-0.19 -0.02 -4.42	1.35 0.02 -3.31	-1.68 0.15 -10.87
STA_82____115KV_TB1 80780	17.82 -0.47 -0.14	12.92 -0.35 -0.89	3.16 -0.03 -2.57	0.20 0.05 -3.19	0.20 0.05 -3.20	0.18 0.05 -3.20	1.28 0.03 -2.94	6.84 -0.09 -2.02	10.51 -0.19 -1.28	6.53 -0.09 -1.98	15.02 -0.35 -0.87	18.47 -0.45 -0.70	9.20 -0.10 -3.10	14.36 -0.26 -1.70	22.61 -0.52 -0.40	18.67 -0.47 -1.09	16.37 -0.47 -1.10	-0.98 0.12 -4.07	2.54 0.03 -3.71	3.17 0.01 -3.93	5.10 -0.06 -3.00	-0.15 0.02 -4.43	1.37 0.03 -3.32	-1.57 0.22 -10.91
STEEL____WIND 323596	17.62 -0.71 -0.18	13.02 -0.55 -1.19	3.98 -0.04 -3.41	1.26 0.07 -4.23	1.25 0.05 -4.25	1.24 0.05 -4.25	2.25 0.04 -3.91	7.47 -0.12 -2.68	10.84 -0.29 -1.70	7.14 -0.13 -2.62	15.17 -0.48 -1.15	18.56 -0.60 -0.93	10.17 -0.13 -4.12	14.78 -0.40 -2.25	22.47 -0.78 -0.53	18.76 -0.74 -1.44	16.45 -0.75 -1.46	0.43 0.20 -5.40	3.77 0.05 -4.93	4.47 0.02 -5.22	6.05 -0.11 -3.99	1.33 0.05 -5.88	2.48 0.06 -4.40	2.08 0.30 -14.47
STEPHTWN_115KV_BK_2 55603	20.20 0.84 -1.22	20.78 0.54 -7.86	23.22 0.02 -22.58	24.84 -0.13 -28.00	24.96 -0.13 -28.14	24.93 -0.15 -28.15	24.08 -0.07 -25.85	22.90 0.23 -17.76	21.11 0.42 -11.28	22.21 0.20 -17.36	22.78 0.65 -7.63	25.13 0.78 -6.13	33.70 0.27 -27.25	28.37 0.55 -14.90	27.27 1.05 -3.49	28.43 0.82 -9.55	26.17 0.75 -9.68	30.33 -0.23 -35.73	31.36 -0.05 -32.61	33.74 -0.04 -34.56	28.65 0.10 -26.38	34.14 -0.21 -38.96	27.11 -0.09 -29.18	82.57 -0.54 -95.81
STEBEN_REC_LFGE 323667	17.71 -0.66 -0.22	13.28 -0.54 -1.44	4.71 -0.03 -4.14	2.18 0.09 -5.13	2.16 0.05 -5.16	2.15 0.06 -5.16	3.07 0.02 -4.74	8.11 -0.05 -3.26	11.51 0.02 -2.07	7.87 0.04 -3.18	15.91 0.02 -1.40	19.57 0.22 -1.12	11.35 0.17 -4.99	16.10 0.45 -2.73	24.03 0.66 -0.64	20.29 0.48 -1.75	17.74 0.24 -1.77	1.32 -0.06 -6.55	4.81 0.04 -5.97	5.57 0.02 -6.33	6.97 -0.03 -4.83	2.48 -0.06 -7.14	3.40 0.03 -5.35	5.23 0.37 -17.56
STONY____BROOK 24151	20.54 1.41 -0.98	19.64 0.91 -6.35	18.90 0.04 -18.26	19.39 -0.21 -22.64	19.49 -0.21 -22.74	19.47 -0.21 -22.75	19.09 -0.12 -20.90	19.59 0.32 -14.36	19.26 0.73 -9.12	19.10 0.42 -14.04	24.86 1.35 -9.02	24.96 1.71 -5.03	28.80 0.58 -22.03	26.35 1.30 -12.12	40.78 2.40 -15.65	39.87 1.92 -19.89	26.81 1.66 -9.41	67.91 -0.56 -73.64	48.80 -0.13 -50.13	40.23 -0.08 -41.09	28.28 0.23 -25.88	39.51 -0.48 -44.58	22.70 -0.20 -24.88	63.70 -1.04 -77.44

STURGEON_POOL_HYD 23609	20.01 0.88 -0.99	19.34 0.56 -6.40	19.04 0.02 -18.41	19.67 -0.12 -22.83	19.77 -0.12 -22.94	19.75 -0.13 -22.95	19.31 -0.08 -21.07	19.61 0.22 -14.48	19.07 0.46 -9.20	19.07 0.25 -14.17	21.52 0.80 -6.23	24.32 1.09 -5.00	28.81 0.38 -22.24	25.89 0.81 -12.16	26.97 1.40 -2.85	26.94 1.08 -7.79	24.61 0.97 -7.90	23.67 -0.32 -29.16	25.32 -0.08 -26.61	27.34 -0.05 -28.17	23.81 0.14 -21.51	26.88 -0.28 -31.76	21.68 -0.12 -23.78	64.71 -0.69 -78.10
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.87 0.81 -0.92	18.82 0.53 -5.90	17.61 0.02 -16.97	17.88 -0.12 -21.05	17.98 -0.12 -21.15	17.96 -0.13 -21.15	17.67 -0.07 -19.43	18.48 0.21 -13.36	18.32 0.43 -8.48	17.92 0.22 -13.05	20.95 0.72 -5.74	23.78 0.94 -4.61	27.01 0.33 -20.48	24.83 0.71 -11.20	26.56 1.21 -2.62	26.17 0.94 -7.18	23.84 0.83 -7.27	21.41 -0.28 -26.86	23.24 -0.07 -24.51	25.15 -0.04 -25.97	22.12 0.12 -19.83	24.43 -0.25 -29.28	19.84 -0.10 -21.93	58.68 -0.63 -72.01
SWANROAD_115KV_TB1 355699	17.11 -1.20 -0.17	12.60 -0.87 -1.10	3.69 -0.06 -3.15	0.99 0.13 -3.91	0.99 0.11 -3.92	0.98 0.12 -3.93	2.00 0.08 -3.61	7.11 -0.28 -2.48	10.41 -0.58 -1.57	6.76 -0.31 -2.42	14.52 -1.05 -1.07	17.70 -1.38 -0.86	9.60 -0.39 -3.80	14.09 -0.91 -2.08	21.57 -1.65 -0.49	17.99 -1.40 -1.33	15.80 -1.29 -1.35	0.19 0.38 -4.98	3.44 0.09 -4.55	4.10 0.06 -4.82	5.68 -0.17 -3.68	1.02 0.19 -5.43	2.20 0.11 -4.07	1.29 0.62 -13.36
SYNERGY___BIOGAS 323694	18.19 -0.09 -0.14	13.15 -0.12 -0.89	3.17 -0.01 -2.57	0.14 -0.01 -3.19	0.14 -0.02 -3.21	0.12 -0.02 -3.21	1.25 -0.01 -2.95	6.97 0.04 -2.02	10.76 0.05 -1.28	6.64 0.02 -1.98	15.37 0.00 -0.87	18.92 -0.01 -0.70	9.35 0.06 -3.10	14.68 0.06 -1.70	23.13 0.00 -0.40	19.05 -0.10 -1.09	16.69 -0.15 -1.10	-1.08 0.02 -4.07	2.52 0.01 -3.72	3.16 0.00 -3.94	5.15 -0.01 -3.01	-0.26 -0.09 -4.44	1.33 -0.01 -3.32	-1.87 -0.09 -10.91
SYRACUSE___ENERGY_ST1 323597	18.17 -0.10 -0.12	13.07 -0.08 -0.78	2.84 0.00 -2.24	-0.25 0.02 -2.77	-0.24 0.03 -2.78	-0.25 0.03 -2.79	0.88 0.01 -2.56	6.62 -0.04 -1.76	10.46 -0.07 -1.12	6.32 -0.04 -1.72	15.11 -0.14 -0.76	18.65 -0.18 -0.61	8.84 -0.05 -2.70	14.30 -0.09 -1.48	22.89 -0.18 -0.34	18.87 -0.13 -0.94	16.54 -0.15 -0.96	-1.59 0.04 -3.54	2.04 0.01 -3.23	2.65 0.01 -3.42	4.76 -0.02 -2.61	-0.73 0.02 -3.86	0.93 0.02 -2.89	-3.07 0.14 -9.48
SYRACUSE___ENERGY_ST2 323598	18.17 -0.10 -0.12	13.07 -0.08 -0.78	2.84 0.00 -2.24	-0.25 0.02 -2.77	-0.24 0.03 -2.78	-0.25 0.03 -2.79	0.88 0.01 -2.56	6.62 -0.04 -1.76	10.46 -0.07 -1.12	6.32 -0.04 -1.72	15.11 -0.14 -0.76	18.65 -0.18 -0.61	8.84 -0.05 -2.70	14.30 -0.09 -1.48	22.89 -0.18 -0.34	18.87 -0.13 -0.94	16.54 -0.15 -0.96	-1.59 0.04 -3.54	2.04 0.01 -3.23	2.65 0.01 -3.42	4.76 -0.02 -2.61	-0.73 0.02 -3.86	0.93 0.02 -2.89	-3.07 0.14 -9.48
SYRACUSE___POWER 24017	18.17 -0.10 -0.12	13.10 -0.08 -0.80	2.90 0.00 -2.30	-0.17 0.02 -2.85	-0.16 0.02 -2.86	-0.17 0.03 -2.86	0.96 0.01 -2.63	6.67 -0.05 -1.81	10.49 -0.08 -1.15	6.37 -0.04 -1.77	15.13 -0.14 -0.78	18.66 -0.19 -0.62	8.91 -0.05 -2.77	14.33 -0.10 -1.52	22.89 -0.19 -0.35	18.89 -0.14 -0.97	16.58 -0.14 -0.98	-1.50 0.04 -3.64	2.13 0.01 -3.32	2.74 0.00 -3.52	4.83 -0.02 -2.68	-0.62 0.01 -3.96	1.01 0.02 -2.97	-2.80 0.14 -9.75
TALLMAN__138KV_BK151 55660	20.00 0.91 -0.94	19.06 0.60 -6.07	18.10 0.03 -17.46	18.47 -0.14 -21.65	18.57 -0.14 -21.75	18.55 -0.14 -21.76	18.22 -0.08 -19.99	18.89 0.24 -13.74	18.62 0.48 -8.72	18.33 0.26 -13.43	21.23 0.83 -5.90	24.07 1.10 -4.74	27.65 0.39 -21.07	25.27 0.83 -11.52	26.82 1.40 -2.70	26.52 1.08 -7.38	24.18 0.96 -7.48	22.13 -0.32 -27.63	23.94 -0.08 -25.22	25.89 -0.05 -26.72	22.70 0.14 -20.40	25.24 -0.28 -30.12	20.46 -0.12 -22.56	60.66 -0.72 -74.08
TEALLAVE_115KV_TB7 355573	18.06 -0.19 -0.11	12.93 -0.14 -0.69	2.58 -0.01 -1.98	-0.56 0.04 -2.45	-0.55 0.04 -2.46	-0.56 0.04 -2.46	0.59 0.02 -2.26	6.39 -0.07 -1.56	10.29 -0.12 -0.99	6.10 -0.07 -1.52	14.95 -0.21 -0.67	18.49 -0.27 -0.54	8.50 -0.08 -2.38	14.07 -0.16 -1.30	22.73 -0.30 -0.31	18.65 -0.24 -0.84	16.35 -0.23 -0.85	-1.98 0.07 -3.13	1.67 0.02 -2.85	2.25 0.01 -3.02	4.44 -0.03 -2.31	-1.15 0.04 -3.41	0.60 0.03 -2.55	-4.11 0.21 -8.38
TELGRAPH_34_KV_EAST 80808	17.54 -0.77 -0.16	12.86 -0.58 -1.06	3.61 -0.05 -3.05	0.81 0.07 -3.78	0.81 0.06 -3.80	0.80 0.06 -3.80	1.85 0.05 -3.49	7.14 -0.17 -2.40	10.59 -0.35 -1.52	6.81 -0.18 -2.35	14.88 -0.65 -1.03	18.19 -0.87 -0.83	9.65 -0.22 -3.68	14.37 -0.56 -2.01	22.17 -1.03 -0.47	18.44 -0.91 -1.29	16.19 -0.85 -1.31	-0.11 0.24 -4.83	3.26 0.06 -4.41	3.92 0.03 -4.67	5.62 -0.11 -3.57	0.73 0.07 -5.26	2.02 0.06 -3.94	0.60 0.35 -12.94
TEMPLE___115KV_TB 2 55572	18.08 -0.17 -0.11	12.94 -0.13 -0.70	2.60 -0.01 -2.00	-0.53 0.03 -2.48	-0.52 0.04 -2.49	-0.53 0.04 -2.49	0.62 0.02 -2.29	6.42 -0.07 -1.57	10.30 -0.11 -1.00	6.12 -0.06 -1.54	14.97 -0.20 -0.68	18.51 -0.26 -0.54	8.53 -0.07 -2.42	14.09 -0.15 -1.32	22.76 -0.28 -0.31	18.68 -0.22 -0.85	16.38 -0.22 -0.86	-1.94 0.06 -3.16	1.70 0.02 -2.89	2.29 0.01 -3.06	4.47 -0.03 -2.34	-1.12 0.04 -3.45	0.63 0.03 -2.58	-4.01 0.20 -8.48
TIANA____69_KV_BK 1 55817	20.81 1.68 -0.98	19.84 1.11 -6.35	18.91 0.05 -18.26	19.34 -0.26 -22.64	19.44 -0.26 -22.74	19.42 -0.27 -22.75	19.06 -0.15 -20.90	19.68 0.41 -14.36	19.46 0.93 -9.12	19.22 0.53 -14.04	25.25 1.73 -9.02	25.43 2.17 -5.03	28.95 0.73 -22.03	26.66 1.62 -12.12	41.32 2.94 -15.65	40.31 2.36 -19.89	27.13 2.04 -9.34	67.78 -0.69 -73.64	43.68 -0.16 -45.04	37.39 -0.10 -38.27	27.36 0.29 -24.91	36.59 -0.58 -41.78	22.40 -0.22 -24.60	63.55 -1.20 -77.44
TILDEN___115KV_TB1 80814	18.17 -0.10 -0.12	13.10 -0.08 -0.80	2.90 0.00 -2.30	-0.17 0.02 -2.85	-0.16 0.02 -2.86	-0.17 0.03 -2.86	0.96 0.01 -2.63	6.67 -0.05 -1.81	10.49 -0.08 -1.15	6.37 -0.04 -1.77	15.13 -0.14 -0.78	18.66 -0.19 -0.62	8.91 -0.05 -2.77	14.33 -0.10 -1.52	22.89 -0.19 -0.35	18.89 -0.14 -0.97	16.58 -0.14 -0.98	-1.50 0.04 -3.64	2.13 0.01 -3.32	2.74 0.00 -3.52	4.83 -0.02 -2.68	-0.62 0.01 -3.96	1.01 0.02 -2.97	-2.80 0.14 -9.75
TRIGEN___CC 323695	20.30 1.17 -0.98	19.49 0.76 -6.35	18.90 0.04 -18.26	19.42 -0.17 -22.64	19.52 -0.17 -22.74	19.51 -0.18 -22.75	19.11 -0.10 -20.90	19.55 0.28 -14.36	19.15 0.61 -9.12	19.03 0.35 -14.04	24.68 1.16 -9.02	24.73 1.47 -5.03	28.71 0.49 -22.03	26.11 1.06 -12.12	40.29 1.91 -15.65	39.44 1.50 -19.89	26.14 1.30 -9.10	68.03 -0.43 -73.63	25.06 -0.10 -26.36	27.09 -0.06 -27.94	23.69 0.19 -21.34	26.52 -0.37 -31.49	21.45 -0.15 -23.58	63.88 -0.87 -77.44
TRINITY__115KV__ 4 BK 55933	20.06 0.69 -1.22	20.72 0.48 -7.87	23.25 0.02 -22.61	24.89 -0.11 -28.04	25.01 -0.11 -28.17	25.00 -0.11 -28.18	24.13 -0.06 -25.88	22.88 0.19 -17.79	21.06 0.35 -11.29	22.20 0.17 -17.38	22.68 0.54 -7.64	25.02 0.65 -6.14	33.70 0.23 -27.28	28.32 0.48 -14.92	27.08 0.86 -3.49	28.31 0.69 -9.56	26.02 0.59 -9.69	30.41 -0.19 -35.78	31.41 -0.04 -32.66	33.79 -0.03 -34.60	28.66 0.08 -26.42	34.24 -0.17 -39.01	27.16 -0.07 -29.21	82.78 -0.46 -95.93

UNION___PROCESSING_DRP 323587	17.82 -0.46 -0.14	12.92 -0.35 -0.89	3.16 -0.03 -2.57	0.20 0.05 -3.19	0.20 0.04 -3.21	0.19 0.05 -3.21	1.28 0.03 -2.95	6.85 -0.08 -2.02	10.52 -0.19 -1.28	6.53 -0.09 -1.98	15.02 -0.34 -0.87	18.48 -0.44 -0.70	9.20 -0.09 -3.10	14.36 -0.26 -1.70	22.62 -0.51 -0.40	18.68 -0.47 -1.09	16.37 -0.47 -1.10	-0.98 0.12 -4.07	2.54 0.03 -3.72	3.17 0.01 -3.94	5.11 -0.06 -3.01	-0.15 0.02 -4.44	1.38 0.03 -3.32	-1.56 0.22 -10.91
UPPER HUDSON___HYD 24058	20.33 0.91 -1.27	21.18 0.59 -8.21	24.23 0.03 -23.59	26.07 -0.15 -29.26	26.20 -0.14 -29.39	26.19 -0.15 -29.41	25.28 -0.09 -27.06	23.76 0.26 -18.59	21.73 0.51 -11.80	23.07 0.25 -18.17	23.28 0.79 -7.99	25.57 0.93 -6.42	35.02 0.31 -28.52	29.14 0.65 -15.57	27.57 1.20 -3.64	29.05 1.01 -9.97	26.72 0.88 -10.11	31.86 -0.30 -37.33	32.79 -0.07 -34.07	35.27 -0.05 -36.10	29.86 0.13 -27.56	35.82 -0.28 -40.70	28.38 -0.11 -30.48	86.72 -0.67 -100.08
UPPER RAQUET___HYD 24056	17.78 -0.36 0.00	12.14 -0.24 0.00	0.60 -0.01 0.00	-2.98 0.06 0.00	-2.99 0.06 0.00	-3.02 0.05 0.00	-1.66 0.03 0.00	4.86 -0.05 0.00	9.32 -0.10 0.00	4.59 -0.06 0.00	14.34 -0.15 0.00	18.02 -0.20 0.00	6.07 -0.12 0.00	12.59 -0.33 0.00	22.01 -0.72 0.00	17.56 -0.50 0.00	15.33 -0.41 0.00	-5.01 0.16 0.00	-1.17 0.04 0.00	-0.75 0.03 0.00	2.11 -0.05 0.00	-4.50 0.11 0.00	-1.95 0.03 0.00	-12.52 0.17 0.00
VALLEY44_115KV_TB2 355964	18.30 -0.05 -0.20	13.55 -0.13 -1.30	4.34 -0.02 -3.75	1.59 -0.02 -4.65	1.60 -0.03 -4.67	1.58 -0.03 -4.67	2.58 -0.02 -4.29	7.89 0.03 -2.95	11.32 0.03 -1.87	7.56 0.03 -2.88	15.83 0.06 -1.27	19.34 0.09 -1.02	10.77 0.06 -4.52	15.46 0.07 -2.47	23.34 0.03 -0.58	19.56 -0.08 -1.58	17.18 -0.16 -1.61	0.78 0.02 -5.93	4.22 0.02 -5.41	4.95 0.00 -5.73	6.51 -0.03 -4.38	1.77 -0.09 -6.46	2.85 -0.01 -4.84	3.14 -0.06 -15.89
VALLEY___115KV_TB 1-4 80826	18.21 0.06 0.00	12.39 0.01 0.00	0.61 0.00 0.00	-3.06 -0.01 0.00	-3.06 -0.01 0.00	-3.07 -0.01 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.63 -0.02 0.00	14.46 -0.04 0.00	18.19 -0.04 0.00	6.16 -0.03 0.00	12.84 -0.09 0.00	22.66 -0.07 0.00	18.06 0.00 0.00	15.78 0.04 0.00	-5.18 -0.01 0.00	-1.21 -0.01 0.00	-0.79 -0.01 0.00	2.17 0.00 0.00	-4.62 -0.02 0.00	-1.97 0.01 0.00	-12.73 -0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.04 0.49 -0.41	15.34 0.31 -2.65	8.25 0.01 -7.63	6.34 -0.08 -9.46	6.38 -0.08 -9.50	6.36 -0.08 -9.51	7.00 -0.05 -8.74	11.04 0.13 -6.01	13.50 0.27 -3.81	10.67 0.15 -5.87	17.55 0.48 -2.58	20.89 0.60 -2.07	15.61 0.21 -9.21	18.40 0.45 -5.03	24.67 0.77 -1.18	21.90 0.62 -3.23	19.56 0.55 -3.27	6.71 -0.19 -12.07	9.77 -0.05 -11.02	10.86 -0.03 -11.67	11.16 0.08 -8.91	8.38 -0.18 -13.16	7.81 -0.06 -9.85	19.31 -0.36 -32.36
VISCHER___FERRY HYD 24020	20.09 0.70 -1.24	20.86 0.49 -7.99	23.61 0.02 -22.98	25.33 -0.12 -28.49	25.46 -0.12 -28.63	25.45 -0.12 -28.64	24.57 -0.07 -26.32	23.20 0.20 -18.09	21.27 0.37 -11.48	22.51 0.18 -17.68	22.83 0.56 -7.77	25.14 0.68 -6.24	34.17 0.23 -27.75	28.56 0.48 -15.16	27.14 0.86 -3.55	28.48 0.70 -9.72	26.19 0.60 -9.84	30.98 -0.20 -36.35	31.93 -0.05 -33.18	34.35 -0.03 -35.16	29.09 0.08 -26.84	34.85 -0.18 -39.64	27.62 -0.08 -29.68	84.30 -0.49 -97.48
V_A_10_SYNC_DSASP 323832	17.50 -0.80 -0.15	12.79 -0.58 -1.00	3.44 -0.04 -2.87	0.60 0.09 -3.55	0.60 0.08 -3.57	0.59 0.08 -3.57	1.64 0.05 -3.28	7.00 -0.16 -2.26	10.48 -0.37 -1.43	6.66 -0.19 -2.20	14.79 -0.67 -0.97	18.13 -0.88 -0.78	9.42 -0.23 -3.46	14.25 -0.56 -1.89	22.12 -1.05 -0.44	18.35 -0.91 -1.21	16.11 -0.86 -1.23	-0.40 0.24 -4.53	2.99 0.06 -4.14	3.63 0.03 -4.38	5.40 -0.12 -3.35	0.43 0.09 -4.94	1.79 0.07 -3.70	-0.15 0.39 -12.16
V_CMM_10_SYNC_DSASP 323787	17.81 -0.33 0.00	12.16 -0.22 0.00	0.60 -0.01 0.00	-2.99 0.05 0.00	-2.99 0.05 0.00	-3.02 0.05 0.00	-1.66 0.03 0.00	4.84 -0.07 0.00	9.28 -0.14 0.00	4.57 -0.07 0.00	14.28 -0.21 0.00	17.95 -0.28 0.00	6.08 -0.11 0.00	12.68 -0.24 0.00	22.32 -0.41 0.00	17.75 -0.31 0.00	15.49 -0.25 0.00	-5.08 0.09 0.00	-1.18 0.02 0.00	-0.76 0.02 0.00	2.13 -0.04 0.00	-4.50 0.10 0.00	-1.95 0.03 0.00	-12.51 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	18.31 0.17 0.00	12.37 -0.01 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.03 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.59 0.17 0.00	4.75 0.10 0.00	14.83 0.33 0.00	18.59 0.37 0.00	6.27 0.08 0.00	13.07 0.15 0.00	22.89 0.16 0.00	18.19 0.13 0.00	15.90 0.16 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.78 -0.01 0.00	2.19 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-13.00 -0.30 0.00
V_E_10_SYNC_DSASP 323830	19.17 0.72 -0.31	14.79 0.41 -2.00	6.38 0.02 -5.76	3.99 -0.11 -7.14	4.02 -0.11 -7.17	4.00 -0.12 -7.18	4.83 -0.07 -6.59	9.63 0.19 -4.53	12.69 0.39 -2.88	9.24 0.17 -4.43	16.93 0.49 -1.95	20.30 0.51 -1.56	13.34 0.20 -6.95	17.12 0.40 -3.80	24.46 0.85 -0.89	21.42 0.92 -2.44	19.18 0.98 -2.47	3.59 -0.35 -9.11	7.03 -0.08 -8.31	7.97 -0.06 -8.81	9.05 0.16 -6.73	5.05 -0.28 -9.93	5.35 -0.10 -7.44	11.05 -0.68 -24.43
V_F_30_NSYNC___DSASP 323816	20.33 0.92 -1.27	21.17 0.61 -8.18	24.15 0.03 -23.51	25.96 -0.15 -29.15	26.09 -0.15 -29.28	26.08 -0.15 -29.30	25.17 -0.09 -26.95	23.69 0.26 -18.52	21.67 0.49 -11.76	22.99 0.24 -18.10	23.22 0.76 -7.96	25.54 0.92 -6.39	34.91 0.32 -28.41	29.09 0.65 -15.52	27.55 1.19 -3.63	28.97 0.97 -9.94	26.65 0.84 -10.07	31.73 -0.28 -37.19	32.67 -0.07 -33.94	35.14 -0.04 -35.97	29.75 0.12 -27.46	35.69 -0.26 -40.55	28.28 -0.11 -30.37	86.37 -0.65 -99.72
V_F_30_SYNC_DSASP 323786	20.20 0.81 -1.24	20.94 0.56 -8.01	23.67 0.03 -23.03	25.38 -0.13 -28.56	25.51 -0.13 -28.69	25.50 -0.13 -28.70	24.61 -0.07 -26.37	23.25 0.22 -18.12	21.34 0.41 -11.51	22.56 0.20 -17.72	22.93 0.64 -7.79	25.27 0.80 -6.25	34.26 0.27 -27.80	28.70 0.58 -15.19	27.32 1.04 -3.56	28.63 0.83 -9.74	26.33 0.72 -9.87	31.02 -0.24 -36.43	32.00 -0.06 -33.25	34.42 -0.04 -35.24	29.17 0.10 -26.90	34.91 -0.21 -39.72	27.68 -0.09 -29.75	84.45 -0.54 -97.69
V_XM_10_SYNC_DSASP 323789	18.31 0.17 0.00	12.37 -0.01 0.00	0.61 0.00 0.00	-3.03 0.01 0.00	-3.03 0.02 0.00	-3.06 0.00 0.00	-1.69 0.00 0.00	4.96 0.05 0.00	9.59 0.17 0.00	4.75 0.10 0.00	14.83 0.33 0.00	18.59 0.37 0.00	6.27 0.08 0.00	13.07 0.15 0.00	22.89 0.16 0.00	18.19 0.13 0.00	15.90 0.16 0.00	-5.24 -0.07 0.00	-1.22 -0.02 0.00	-0.78 -0.01 0.00	2.19 0.03 0.00	-4.69 -0.09 0.00	-2.02 -0.03 0.00	-13.00 -0.30 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.06 0.96 -0.95	19.13 0.64 -6.11	18.21 0.03 -17.57	18.60 -0.15 -21.79	18.70 -0.15 -21.89	18.68 -0.15 -21.90	18.34 -0.09 -20.12	18.99 0.26 -13.83	18.71 0.51 -8.78	18.43 0.27 -13.52	21.31 0.88 -5.94	24.16 1.16 -4.77	27.81 0.41 -21.21	25.38 0.87 -11.59	26.92 1.48 -2.72	26.63 1.14 -7.43	24.28 1.01 -7.53	22.29 -0.34 -27.80	24.09 -0.08 -25.38	26.06 -0.05 -26.89	22.84 0.15 -20.53	25.41 -0.30 -30.31	20.59 -0.13 -22.70	61.09 -0.76 -74.55

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.16 1.03 -0.98	19.41 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.09 0.56 -9.12	18.98 0.30 -14.04	21.62 0.95 -6.17	24.45 1.27 -4.96	28.65 0.44 -22.02	25.90 0.94 -12.04	27.16 1.61 -2.82	27.03 1.25 -7.72	24.66 1.11 -7.82	23.33 -0.37 -28.87	25.06 -0.09 -26.35	27.09 -0.05 -27.93	23.64 0.16 -21.32	26.56 -0.32 -31.48	21.46 -0.13 -23.58	63.91 -0.82 -77.42
W50THST__13_KV_LOAD 356117	20.25 1.13 -0.98	19.48 0.75 -6.35	18.89 0.04 -18.25	19.42 -0.17 -22.63	19.52 -0.17 -22.73	19.50 -0.18 -22.75	19.10 -0.10 -20.90	19.57 0.30 -14.36	19.15 0.62 -9.12	19.01 0.33 -14.04	21.72 1.05 -6.17	24.57 1.39 -4.96	28.69 0.48 -22.02	25.99 1.02 -12.04	27.31 1.77 -2.82	27.15 1.37 -7.72	24.77 1.21 -7.82	23.30 -0.40 -28.87	25.06 -0.10 -26.35	27.09 -0.06 -27.93	23.66 0.17 -21.32	26.53 -0.35 -31.48	21.45 -0.15 -23.58	63.83 -0.89 -77.42
WADING RIVER_IC_1 23522	20.60 1.47 -0.98	19.69 0.97 -6.35	18.91 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.08 -0.13 -20.90	19.62 0.34 -14.36	19.32 0.79 -9.12	19.14 0.46 -14.04	25.00 1.49 -9.02	25.13 1.87 -5.03	28.85 0.63 -22.03	26.44 1.40 -12.12	40.92 2.54 -15.65	39.98 2.03 -19.89	26.84 1.76 -9.34	67.88 -0.59 -73.64	43.65 -0.13 -44.99	37.37 -0.09 -38.24	27.31 0.25 -24.90	36.64 -0.51 -41.75	22.41 -0.21 -24.60	63.72 -1.03 -77.44
WADING RIVER_IC_2 23547	20.60 1.47 -0.98	19.69 0.97 -6.35	18.91 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.08 -0.13 -20.90	19.62 0.34 -14.36	19.32 0.79 -9.12	19.14 0.46 -14.04	25.00 1.49 -9.02	25.13 1.87 -5.03	28.85 0.63 -22.03	26.44 1.40 -12.12	40.92 2.54 -15.65	39.98 2.03 -19.89	26.84 1.76 -9.34	67.88 -0.59 -73.64	43.65 -0.13 -44.99	37.37 -0.09 -38.24	27.31 0.25 -24.90	36.64 -0.51 -41.75	22.41 -0.21 -24.60	63.72 -1.03 -77.44
WADING RIVER_IC_3 23601	20.60 1.47 -0.98	19.69 0.97 -6.35	18.91 0.04 -18.26	19.37 -0.22 -22.64	19.47 -0.22 -22.74	19.46 -0.23 -22.75	19.08 -0.13 -20.90	19.62 0.34 -14.36	19.32 0.79 -9.12	19.14 0.46 -14.04	25.00 1.49 -9.02	25.13 1.87 -5.03	28.85 0.63 -22.03	26.44 1.40 -12.12	40.92 2.54 -15.65	39.98 2.03 -19.89	26.84 1.76 -9.34	67.88 -0.59 -73.64	43.65 -0.13 -44.99	37.37 -0.09 -38.24	27.31 0.25 -24.90	36.64 -0.51 -41.75	22.41 -0.21 -24.60	63.72 -1.03 -77.44
WALDENNY_12_KV_BK2 80841	17.62 -0.71 -0.18	13.00 -0.55 -1.18	3.95 -0.04 -3.38	1.22 0.07 -4.19	1.22 0.05 -4.22	1.21 0.05 -4.22	2.22 0.04 -3.87	7.44 -0.13 -2.66	10.81 -0.29 -1.69	7.11 -0.14 -2.60	15.13 -0.51 -1.14	18.50 -0.65 -0.92	10.12 -0.15 -4.08	14.75 -0.41 -2.23	22.45 -0.80 -0.52	18.74 -0.75 -1.43	16.43 -0.75 -1.45	0.38 0.20 -5.35	3.73 0.05 -4.88	4.42 0.03 -5.18	6.01 -0.11 -3.95	1.28 0.05 -5.83	2.44 0.05 -4.37	1.96 0.31 -14.35
WALDEN__HYDRO 24148	20.04 0.95 -0.95	19.12 0.62 -6.13	18.25 0.03 -17.62	18.66 -0.14 -21.84	18.76 -0.14 -21.95	18.74 -0.15 -21.96	18.40 -0.08 -20.17	19.01 0.25 -13.86	18.72 0.50 -8.80	18.46 0.27 -13.55	21.30 0.85 -5.95	24.11 1.10 -4.78	27.84 0.39 -21.25	25.36 0.82 -11.62	26.86 1.41 -2.72	26.59 1.08 -7.45	24.25 0.96 -7.55	22.37 -0.32 -27.87	24.15 -0.08 -25.44	26.13 -0.05 -26.96	22.89 0.14 -20.58	25.49 -0.30 -30.39	20.65 -0.12 -22.76	61.30 -0.74 -74.73
WARRENSBURG____ 23737	20.33 0.91 -1.27	21.18 0.59 -8.21	24.23 0.03 -23.59	26.07 -0.15 -29.26	26.20 -0.14 -29.39	26.19 -0.15 -29.41	25.28 -0.09 -27.06	23.76 0.26 -18.59	21.73 0.51 -11.80	23.07 0.25 -18.17	23.28 0.79 -7.99	25.57 0.93 -6.42	35.02 0.31 -28.52	29.14 0.65 -15.57	27.57 1.20 -3.64	29.05 1.01 -9.97	26.72 0.88 -10.11	31.86 -0.30 -37.33	32.79 -0.07 -34.07	35.27 -0.05 -36.10	29.86 0.13 -27.56	35.82 -0.28 -40.70	28.38 -0.11 -30.48	86.72 -0.67 -100.08
WATERSIDE____6 8 9 23538	20.16 1.03 -0.98	19.42 0.69 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.54 0.27 -14.36	19.10 0.56 -9.12	18.99 0.31 -14.04	21.63 0.96 -6.17	35.48 1.30 -15.96	28.66 0.45 -22.03	25.93 0.96 -12.05	27.19 1.64 -2.83	27.06 1.27 -7.73	24.69 1.12 -7.82	23.33 -0.37 -28.88	25.06 -0.09 -26.36	27.09 -0.05 -27.93	23.65 0.16 -21.32	26.55 -0.33 -31.48	21.46 -0.14 -23.58	63.90 -0.83 -77.42
WATKINRD_115KV_LN8_ILLION 55919	18.20 0.06 0.00	12.41 0.03 0.00	0.61 0.00 0.00	-3.05 -0.01 0.00	-3.06 -0.01 0.00	-3.07 -0.01 0.00	-1.70 -0.01 0.00	4.92 0.01 0.00	9.44 0.02 0.00	4.64 0.00 0.00	14.50 0.00 0.00	18.23 0.00 0.00	6.18 -0.01 0.00	12.89 -0.03 0.00	22.71 -0.01 0.00	18.08 0.03 0.00	15.78 0.05 0.00	-5.19 -0.02 0.00	-1.21 -0.01 0.00	-0.79 -0.01 0.00	2.18 0.01 0.00	-4.63 -0.03 0.00	-1.98 0.00 0.00	-12.74 -0.04 0.00
WATSON____69_KV_BK 1 55734	20.65 1.52 -0.98	19.71 0.98 -6.35	18.91 0.04 -18.26	19.37 -0.23 -22.64	19.47 -0.23 -22.74	19.45 -0.23 -22.75	19.08 -0.13 -20.90	19.63 0.36 -14.36	19.33 0.80 -9.12	19.13 0.45 -14.04	24.99 1.47 -9.02	25.12 1.86 -5.03	28.84 0.62 -22.03	26.41 1.37 -12.12	40.87 2.49 -15.65	39.92 1.97 -19.89	26.67 1.71 -9.22	67.89 -0.57 -73.63	34.35 -0.13 -35.68	32.23 -0.08 -33.09	25.53 0.24 -23.12	31.54 -0.49 -36.63	21.92 -0.19 -24.09	63.64 -1.11 -77.44
WDELAWARE__HYD 323627	19.96 0.94 -0.88	18.65 0.61 -5.66	16.91 0.03 -16.27	16.99 -0.14 -20.18	17.08 -0.14 -20.27	17.07 -0.15 -20.28	16.85 -0.09 -18.63	17.95 0.24 -12.80	18.04 0.50 -8.13	17.41 0.25 -12.52	20.78 0.79 -5.50	23.71 1.07 -4.42	26.21 0.37 -19.65	24.45 0.79 -10.74	26.60 1.36 -2.52	26.02 1.08 -6.88	23.65 0.93 -6.98	20.28 -0.31 -25.76	22.23 -0.08 -23.51	24.07 -0.05 -24.90	21.31 0.14 -19.01	23.19 -0.28 -28.07	18.92 -0.12 -21.02	55.62 -0.72 -69.03
WEST BABYLON__IC 23714	20.58 1.45 -0.98	19.67 0.94 -6.35	18.91 0.04 -18.26	19.38 -0.22 -22.64	19.48 -0.22 -22.74	19.46 -0.22 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.30 0.76 -9.12	19.11 0.43 -14.04	24.94 1.42 -9.02	25.05 1.79 -5.03	28.82 0.60 -22.03	26.35 1.30 -12.12	40.75 2.37 -15.65	39.82 1.87 -19.89	26.50 1.63 -9.13	67.91 -0.55 -73.63	27.28 -0.12 -28.61	28.32 -0.08 -29.18	24.16 0.23 -21.76	27.67 -0.46 -32.73	21.54 -0.19 -23.71	63.68 -1.07 -77.44
WEST CANADA__HYD 24049	18.16 0.01 0.00	12.39 0.01 0.00	0.61 0.00 0.00	-3.05 0.00 0.00	-3.05 0.00 0.00	-3.07 0.00 0.00	-1.69 0.00 0.00	4.91 0.00 0.00	9.42 0.00 0.00	4.65 0.00 0.00	14.49 -0.01 0.00	18.22 0.00 0.00	6.19 0.00 0.00	12.92 0.00 0.00	22.74 0.01 0.00	18.08 0.02 0.00	15.75 0.02 0.00	-5.18 -0.01 0.00	-1.21 0.00 0.00	-0.78 0.00 0.00	2.17 0.00 0.00	-4.61 0.00 0.00	-1.98 0.00 0.00	-12.69 0.00 0.00
WESTERN_NY_WIND 24143	17.71 -0.60 -0.17	12.99 -0.46 -1.08	3.67 -0.04 -3.10	0.84 0.04 -3.85	0.85 0.03 -3.86	0.84 0.04 -3.87	1.89 0.03 -3.55	7.22 -0.12 -2.44	10.69 -0.28 -1.55	6.89 -0.14 -2.39	15.05 -0.50 -1.05	18.39 -0.68 -0.84	9.78 -0.15 -3.75	14.53 -0.44 -2.05	22.39 -0.81 -0.48	18.63 -0.73 -1.31	16.37 -0.69 -1.33	-0.08 0.19 -4.91	3.33 0.05 -4.48	4.00 0.03 -4.75	5.70 -0.09 -3.62	0.77 0.02 -5.35	2.08 0.06 -4.01	0.69 0.22 -13.16

WESTOVER___LESR 323668	18.63 0.16 -0.33	14.55 0.06 -2.11	6.68 0.00 -6.07	4.46 -0.03 -7.52	4.48 -0.03 -7.56	4.47 -0.03 -7.56	5.24 -0.02 -6.95	9.72 0.03 -4.78	12.53 0.08 -3.03	9.36 0.04 -4.67	16.67 0.13 -2.05	20.05 0.18 -1.65	13.59 0.07 -7.32	17.09 0.16 -4.00	23.89 0.23 -0.94	20.84 0.22 -2.57	18.51 0.17 -2.60	4.37 -0.07 -9.60	7.55 -0.01 -8.76	8.49 -0.01 -9.28	9.28 0.03 -7.09	5.78 -0.08 -10.47	5.83 -0.02 -7.84	12.93 -0.11 -25.74
WETHRSFD_WT_PWR 323626	17.36 -0.99 -0.21	12.99 -0.72 -1.33	4.39 -0.05 -3.83	1.83 0.13 -4.75	1.83 0.10 -4.77	1.81 0.10 -4.77	2.76 0.06 -4.38	7.72 -0.20 -3.01	10.93 -0.40 -1.91	7.42 -0.17 -2.95	15.26 -0.53 -1.29	18.67 -0.60 -1.04	10.66 -0.14 -4.62	15.09 -0.36 -2.53	22.61 -0.70 -0.59	18.97 -0.71 -1.62	16.63 -0.75 -1.64	1.09 0.20 -6.06	4.39 0.07 -5.53	5.12 0.04 -5.86	6.51 -0.13 -4.47	2.14 0.14 -6.60	3.06 0.09 -4.94	4.11 0.57 -16.24
WHAVSTOR_138KV_BK127 55557	19.98 0.89 -0.95	19.09 0.59 -6.12	18.23 0.03 -17.59	18.64 -0.13 -21.82	18.74 -0.13 -21.92	18.72 -0.14 -21.93	18.37 -0.08 -20.14	18.99 0.24 -13.84	18.68 0.47 -8.79	18.43 0.25 -13.53	21.25 0.81 -5.95	24.07 1.07 -4.78	27.80 0.38 -21.23	25.34 0.81 -11.61	26.81 1.37 -2.72	26.56 1.06 -7.44	24.21 0.94 -7.54	22.35 -0.32 -27.84	24.13 -0.07 -25.41	26.10 -0.05 -26.92	22.86 0.14 -20.56	25.47 -0.28 -30.35	20.63 -0.12 -22.73	61.24 -0.71 -74.64
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.98 0.89 -0.95	19.09 0.59 -6.12	18.23 0.03 -17.59	18.64 -0.13 -21.82	18.74 -0.13 -21.92	18.72 -0.14 -21.93	18.37 -0.08 -20.14	18.99 0.24 -13.84	18.68 0.47 -8.79	18.43 0.25 -13.53	21.25 0.81 -5.95	24.07 1.07 -4.78	27.80 0.38 -21.23	25.34 0.81 -11.61	26.81 1.37 -2.72	26.56 1.06 -7.44	24.21 0.94 -7.54	22.35 -0.32 -27.84	24.13 -0.07 -25.41	26.10 -0.05 -26.92	22.86 0.14 -20.56	25.47 -0.28 -30.35	20.63 -0.12 -22.73	61.24 -0.71 -74.64
WHITEHAL_115KV_TB1 80871	20.96 1.54 -1.27	21.54 0.97 -8.19	24.22 0.05 -23.56	25.93 -0.24 -29.21	26.06 -0.24 -29.35	26.04 -0.26 -29.37	25.17 -0.15 -27.01	23.91 0.44 -18.56	22.07 0.86 -11.78	23.18 0.39 -18.14	23.70 1.22 -7.98	25.94 1.30 -6.40	35.10 0.44 -28.47	29.34 0.87 -15.55	28.03 1.66 -3.64	29.53 1.51 -9.96	27.11 1.28 -10.09	31.65 -0.46 -37.27	32.70 -0.11 -34.02	35.19 -0.08 -36.05	29.90 0.21 -27.52	35.58 -0.45 -40.64	28.26 -0.19 -30.43	86.13 -1.11 -99.93
WHITEPLN_13_KV_LOAD 356215	20.20 1.08 -0.98	19.43 0.71 -6.34	18.86 0.03 -18.21	19.38 -0.16 -22.59	19.48 -0.16 -22.69	19.47 -0.17 -22.70	19.07 -0.10 -20.85	19.52 0.29 -14.33	19.08 0.57 -9.10	18.94 0.29 -14.01	21.58 0.93 -6.16	24.39 1.22 -4.95	28.60 0.43 -21.98	25.85 0.92 -12.02	27.11 1.57 -2.81	26.98 1.22 -7.70	24.61 1.07 -7.80	23.29 -0.36 -28.82	25.02 -0.08 -26.30	27.04 -0.05 -27.87	23.60 0.15 -21.28	26.50 -0.31 -31.42	21.41 -0.14 -23.53	63.74 -0.83 -77.27
WM_FLOYD_69_KV_BK2 356380	20.58 1.45 -0.98	19.68 0.95 -6.35	18.90 0.04 -18.26	19.38 -0.22 -22.64	19.48 -0.22 -22.74	19.46 -0.22 -22.75	19.09 -0.13 -20.90	19.61 0.34 -14.36	19.30 0.77 -9.12	19.13 0.44 -14.04	24.93 1.42 -9.02	25.05 1.79 -5.03	28.82 0.60 -22.03	26.38 1.34 -12.12	40.81 2.43 -15.65	39.90 1.95 -19.89	26.77 1.69 -9.35	67.90 -0.57 -73.64	43.94 -0.13 -45.28	37.54 -0.08 -38.40	27.36 0.24 -24.95	36.82 -0.49 -41.91	22.44 -0.19 -24.62	63.72 -1.03 -77.44
WOODARD__115KV_TB2 355635	18.03 -0.22 -0.11	12.92 -0.15 -0.70	2.61 -0.01 -2.00	-0.52 0.04 -2.48	-0.51 0.05 -2.50	-0.52 0.05 -2.50	0.63 0.03 -2.29	6.41 -0.08 -1.58	10.28 -0.14 -1.00	6.11 -0.07 -1.54	14.93 -0.24 -0.68	18.46 -0.31 -0.54	8.51 -0.09 -2.42	14.05 -0.19 -1.32	22.69 -0.35 -0.31	18.63 -0.28 -0.85	16.33 -0.27 -0.86	-1.92 0.08 -3.17	1.71 0.02 -2.89	2.30 0.01 -3.06	4.47 -0.04 -2.34	-1.10 0.05 -3.46	0.64 0.04 -2.59	-3.97 0.23 -8.50
YORK___WARBASSE 23770	20.21 1.08 -0.98	19.45 0.73 -6.35	18.89 0.03 -18.25	19.43 -0.16 -22.63	19.53 -0.16 -22.73	19.52 -0.16 -22.75	19.11 -0.09 -20.90	19.55 0.28 -14.36	19.10 0.57 -9.12	18.99 0.30 -14.04	21.63 0.96 -6.17	33.70 1.31 -14.17	28.67 0.45 -22.03	25.95 0.98 -12.05	27.23 1.68 -2.83	27.08 1.30 -7.73	24.70 1.15 -7.83	23.33 -0.38 -28.88	25.06 -0.09 -26.36	27.09 -0.06 -27.93	23.65 0.17 -21.32	26.54 -0.34 -31.48	21.45 -0.14 -23.58	63.88 -0.84 -77.42