

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/16/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.92	17.62	17.28	17.04	18.44	20.42	21.09	24.94	26.58	27.94	25.25	22.67	20.86	18.27	25.63	57.58	55.79	27.81	23.47	33.45	36.74	36.61	24.19	21.48
24138	-0.01	0.11	-0.06	0.06	0.30	0.54	0.28	0.69	0.74	2.31	0.44	0.14	-0.05	-0.06	-0.39	-1.12	-0.51	0.56	0.47	-0.08	0.75	3.06	1.64	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
74TH STREET_GT_1	19.92	17.62	17.28	17.04	18.44	20.41	21.09	24.93	26.55	27.87	25.23	22.66	20.86	18.27	25.64	57.62	55.80	27.80	23.46	33.46	36.73	36.54	24.16	21.48
24260	-0.01	0.11	-0.06	0.06	0.29	0.53	0.28	0.67	0.72	2.24	0.43	0.14	-0.05	-0.06	-0.38	-1.08	-0.50	0.55	0.46	-0.08	0.74	2.99	1.61	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
74TH STREET_GT_2	19.92	17.62	17.28	17.04	18.44	20.41	21.09	24.93	26.55	27.87	25.23	22.66	20.86	18.27	25.64	57.62	55.80	27.80	23.46	33.46	36.73	36.54	24.16	21.48
24261	-0.01	0.11	-0.06	0.06	0.29	0.53	0.28	0.67	0.72	2.24	0.43	0.14	-0.05	-0.06	-0.38	-1.08	-0.50	0.55	0.46	-0.08	0.74	2.99	1.61	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
ADK HUDSON___FALLS	24.85	21.50	21.77	20.98	21.77	23.38	25.23	28.56	30.52	26.68	29.95	27.78	26.18	22.97	33.20	75.46	71.20	32.79	27.70	41.94	43.44	35.14	24.51	27.57
24011	-0.01	0.04	-0.03	0.02	0.14	0.24	0.14	0.36	0.32	0.89	0.17	0.05	-0.02	-0.02	-0.12	-0.40	-0.21	0.25	0.21	-0.03	0.40	1.59	0.75	-0.09
	-25.00	-20.06	-22.59	-20.16	-17.70	-16.50	-21.62	-19.91	-22.03	-0.78	-25.13	-26.26	-26.69	-23.52	-36.88	-86.64	-76.46	-26.88	-22.74	-42.80	-35.18	0.00	-6.02	-29.83
ADK RESOURCE___RCVRY	24.87	21.52	21.78	21.00	21.80	23.43	25.27	28.64	30.58	26.79	29.99	27.80	26.20	22.99	33.21	75.47	71.22	32.86	27.75	41.97	43.55	35.38	24.63	27.57
23798	-0.01	0.05	-0.03	0.03	0.15	0.28	0.16	0.42	0.37	1.01	0.19	0.06	-0.02	-0.02	-0.13	-0.46	-0.25	0.30	0.24	-0.04	0.48	1.83	0.87	-0.11
	-25.02	-20.07	-22.61	-20.18	-17.71	-16.51	-21.64	-19.92	-22.05	-0.78	-25.15	-26.28	-26.71	-23.53	-36.91	-86.71	-76.52	-26.90	-22.76	-42.84	-35.21	0.00	-6.03	-29.86
ADK S GLENS___FALLS	24.85	21.50	21.77	20.98	21.77	23.38	25.23	28.56	30.52	26.68	29.95	27.78	26.18	22.97	33.20	75.46	71.20	32.79	27.70	41.94	43.44	35.14	24.51	27.57
24028	-0.01	0.04	-0.03	0.02	0.14	0.24	0.14	0.36	0.32	0.89	0.17	0.05	-0.02	-0.02	-0.12	-0.40	-0.21	0.25	0.21	-0.03	0.40	1.59	0.75	-0.09
	-25.00	-20.06	-22.59	-20.16	-17.70	-16.50	-21.62	-19.91	-22.03	-0.78	-25.13	-26.26	-26.69	-23.52	-36.88	-86.64	-76.46	-26.88	-22.74	-42.80	-35.18	0.00	-6.02	-29.83
ADK_NYS___DAM	23.96	20.82	20.95	20.28	21.19	22.83	24.45	27.81	29.71	26.62	29.04	26.82	25.22	22.12	31.88	72.39	68.50	31.75	26.80	40.44	42.04	34.77	24.22	26.51
23527	0.00	0.07	-0.04	0.04	0.19	0.28	0.14	0.33	0.31	0.86	0.16	0.05	-0.01	-0.02	-0.11	-0.33	-0.15	0.15	0.11	-0.02	0.24	1.22	0.68	-0.09
	-24.12	-19.35	-21.79	-19.45	-17.07	-15.92	-20.84	-19.19	-21.23	-0.75	-24.22	-25.31	-25.72	-22.66	-35.54	-83.50	-73.71	-25.93	-21.94	-41.29	-33.93	0.00	-5.81	-28.77
AIR_PRODUCTS___DRP	23.93	20.78	20.93	20.25	21.14	22.80	24.40	27.78	29.70	26.74	29.01	26.79	25.17	22.07	31.77	72.13	68.33	31.80	26.85	40.39	42.10	34.96	24.29	26.48
24190	-0.01	0.06	-0.03	0.03	0.16	0.27	0.14	0.33	0.33	0.98	0.19	0.06	-0.02	-0.02	-0.15	-0.45	-0.20	0.23	0.19	-0.03	0.33	1.41	0.75	-0.09
	-24.08	-19.32	-21.76	-19.42	-17.05	-15.89	-20.79	-19.15	-21.19	-0.75	-24.18	-25.26	-25.67	-22.62	-35.48	-83.36	-73.59	-25.90	-21.92	-41.25	-33.90	0.00	-5.80	-28.75
AKWESSNE_115KV_BK	-0.15	1.38	-0.78	0.78	3.87	6.52	3.41	8.16	8.04	24.59	4.57	1.44	-3.81	-21.04	-21.57	-22.50	-14.86	5.55	4.65	-0.81	7.69	32.89	17.43	-2.14
355683	0.00	-0.02	0.01	-0.02	-0.06	-0.11	-0.06	-0.13	-0.13	-0.41	-0.08	-0.03	0.01	0.01	0.07	0.23	0.12	-0.11	-0.10	0.02	-0.17	-0.66	-0.31	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33	20.52	18.09	11.96	9.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.93	20.78	20.93	20.25	21.14	22.80	24.40	27.78	29.70	26.74	29.01	26.79	25.17	22.07	31.77	72.13	68.33	31.80	26.85	40.39	42.10	34.96	24.29	26.48
23571	-0.01	0.06	-0.03	0.03	0.16	0.27	0.14	0.33	0.33	0.98	0.19	0.06	-0.02	-0.02	-0.15	-0.45	-0.20	0.23	0.19	-0.03	0.33	1.41	0.75	-0.09
	-24.08	-19.32	-21.76	-19.42	-17.05	-15.89	-20.79	-19.15	-21.19	-0.75	-24.18	-25.26	-25.67	-22.62	-35.48	-83.36	-73.59	-25.90	-21.92	-41.25	-33.90	0.00	-5.80	-28.75
ALBANY___2	23.93	20.78	20.93	20.25	21.14	22.80	24.40	27.78	29.70	26.74	29.01	26.79	25.17	22.07	31.77	72.13	68.33	31.80	26.85	40.39	42.10	34.96	24.29	26.48
23572	-0.01	0.06	-0.03	0.03	0.16	0.27	0.14	0.33	0.33	0.98	0.19	0.06	-0.02	-0.02	-0.15	-0.45	-0.20	0.23	0.19	-0.03	0.33	1.41	0.75	-0.09
	-24.08	-19.32	-21.76	-19.42	-17.05	-15.89	-20.79	-19.15	-21.19	-0.75	-24.18	-25.26	-25.67	-22.62	-35.48	-83.36	-73.59	-25.90	-21.92	-41.25	-33.90	0.00	-5.80	-28.75
ALBANY___3	23.93	20.78	20.93	20.25	21.14	22.80	24.40	27.78	29.70	26.74	29.01	26.79	25.17	22.07	31.77	72.13	68.33	31.80	26.85	40.39	42.10	34.96	24.29	26.48
23573	-0.01	0.06	-0.03	0.03	0.16	0.27	0.14	0.33	0.33	0.98	0.19	0.06	-0.02	-0.02	-0.15	-0.45	-0.20	0.23	0.19	-0.03	0.33	1.41	0.75	-0.09
	-24.08	-19.32	-21.76	-19.42	-17.05	-15.89	-20.79	-19.15	-21.19	-0.75	-24.18	-25.26	-25.67	-22.62	-35.48	-83.36	-73.59	-25.90	-21.92	-41.25	-33.90	0.00	-5.80	-28.75

ALBANY___4 23574	23.93 -0.01 -24.08	20.78 0.06 -19.32	20.93 -0.03 -21.76	20.25 0.03 -19.42	21.14 0.16 -17.05	22.80 0.27 -15.89	24.40 0.14 -20.79	27.78 0.33 -19.15	29.70 0.33 -21.19	26.74 0.98 -0.75	29.01 0.19 -24.18	26.79 0.06 -25.26	25.17 -0.02 -25.67	22.07 -0.02 -22.62	31.77 -0.15 -35.48	72.13 -0.45 -83.36	68.33 -0.20 -73.59	31.80 0.23 -25.90	26.85 0.19 -21.92	40.39 -0.03 -41.25	42.10 0.33 -33.90	34.96 1.41 0.00	24.29 0.75 -5.80	26.48 -0.09 -28.75
ALBANY___LFGE 323615	24.13 0.00 -24.29	20.95 0.07 -19.48	21.11 -0.03 -21.94	20.41 0.04 -19.59	21.30 0.18 -17.19	22.96 0.30 -16.03	24.60 0.16 -20.97	27.98 0.37 -19.32	29.92 0.36 -21.38	26.85 1.09 -0.76	29.24 0.20 -24.39	27.02 0.07 -25.49	25.39 -0.02 -25.90	22.27 -0.02 -22.82	32.07 -0.17 -35.79	72.81 -0.50 -84.09	68.94 -0.23 -74.22	32.04 0.26 -26.12	27.06 0.21 -22.10	40.72 -0.03 -41.59	42.41 0.37 -34.18	35.12 1.57 0.00	24.41 0.82 -5.85	26.71 -0.10 -28.99
ALCOA_PA_115KV_PL-6C 55860	1.24 0.00 -1.39	1.75 -0.02 -0.37	-0.79 0.01 0.00	0.78 -0.01 0.00	3.88 -0.05 0.00	6.54 -0.09 0.00	3.42 -0.05 0.00	8.18 -0.12 0.00	8.04 -0.13 0.00	24.62 -0.39 0.00	4.57 -0.08 0.00	1.44 -0.03 0.00	-3.65 0.01 3.17	-20.06 0.02 19.55	-20.71 0.08 17.23	-21.94 0.23 11.39	-14.39 0.12 9.45	5.56 -0.10 0.00	4.66 -0.09 0.00	-0.81 0.02 0.00	7.71 -0.15 0.00	33.01 -0.54 0.00	17.53 -0.21 0.00	-2.15 0.03 0.00
ALCOA_RYNLDS___DRP 24188	1.24 0.00 -1.39	1.75 -0.02 -0.37	-0.79 0.01 0.00	0.78 -0.01 0.00	3.88 -0.05 0.00	6.54 -0.09 0.00	3.42 -0.05 0.00	8.18 -0.12 0.00	8.04 -0.13 0.00	24.62 -0.39 0.00	4.57 -0.08 0.00	1.44 -0.03 0.00	-3.65 0.01 3.17	-20.06 0.02 19.55	-20.71 0.08 17.23	-21.94 0.23 11.39	-14.39 0.12 9.45	5.56 -0.10 0.00	4.66 -0.09 0.00	-0.81 0.02 0.00	7.71 -0.15 0.00	33.01 -0.54 0.00	17.53 -0.21 0.00	-2.15 0.03 0.00
ALCOA___DSASP 323711	1.24 0.00 -1.39	1.75 -0.02 -0.37	-0.79 0.01 0.00	0.78 -0.01 0.00	3.88 -0.05 0.00	6.54 -0.09 0.00	3.42 -0.05 0.00	8.17 -0.12 0.00	8.04 -0.13 0.00	24.62 -0.39 0.00	4.57 -0.08 0.00	1.44 -0.03 0.00	-3.65 0.01 3.17	-20.06 0.02 19.55	-20.71 0.08 17.23	-21.94 0.23 11.39	-14.39 0.12 9.45	5.56 -0.10 0.00	4.66 -0.09 0.00	-0.81 0.02 0.00	7.71 -0.15 0.00	33.00 -0.55 0.00	17.53 -0.20 0.00	-2.15 0.03 0.00
ALLEGHENY___COGEN 23514	3.43 0.00 -3.57	4.26 -0.01 -2.87	2.43 -0.01 -3.23	3.67 0.00 -2.88	6.46 0.00 -2.53	14.15 0.00 -7.52	6.43 0.08 -2.88	11.07 0.12 -2.65	11.08 -0.02 -2.93	24.91 -0.20 -0.10	7.92 -0.08 -3.34	4.93 -0.03 -3.50	3.08 0.01 -3.55	2.62 0.01 -3.13	2.41 0.11 -5.87	1.20 0.29 -11.69	5.46 0.01 -10.50	9.17 -0.09 -3.60	7.77 -0.04 -3.06	4.91 -0.02 -5.76	12.66 0.05 -4.74	33.88 0.33 0.00	18.61 0.06 -0.81	1.78 -0.07 -4.02
ALTAMONT_115KV_TB 2 55880	23.97 -0.01 -24.13	20.81 0.05 -19.35	20.97 -0.03 -21.80	20.28 0.03 -19.46	21.16 0.15 -17.08	22.84 0.25 -15.96	25.03 0.16 -21.39	28.36 0.38 -19.69	30.32 0.35 -21.79	26.77 1.00 -0.77	29.69 0.18 -24.86	27.50 0.06 -25.98	25.89 -0.02 -26.40	22.71 -0.02 -23.26	32.79 -0.13 -36.48	74.50 -0.43 -85.71	70.08 -0.20 -75.33	31.80 0.21 -25.93	26.86 0.17 -21.94	40.43 -0.03 -41.29	42.09 0.30 -33.93	34.83 1.27 0.00	24.22 0.68 -5.81	26.52 -0.08 -28.77
ALTONA_WT_PWR 323606	-21.06 0.01 20.92	-4.20 -0.07 5.53	-0.75 0.04 0.00	0.76 -0.03 0.00	3.79 -0.14 0.00	6.40 -0.24 0.00	3.37 -0.11 0.00	8.06 -0.23 0.00	7.98 -0.19 0.00	24.47 -0.53 0.00	4.52 -0.13 0.00	1.41 -0.05 0.00	-3.75 0.02 3.28	-20.73 0.02 20.23	-21.39 0.01 17.83	-22.65 -0.08 11.79	-14.92 -0.08 9.78	5.75 0.09 0.00	4.74 -0.01 0.00	-0.82 0.01 0.00	8.00 0.14 0.00	33.89 0.34 0.00	17.78 0.05 0.00	-2.18 0.00 0.00
AMERICAN_REF_FUEL 24010	3.11 0.00 -3.26	3.94 -0.08 -2.61	2.17 0.02 -2.94	3.38 -0.04 -2.63	6.03 -0.21 -2.31	7.08 -0.41 -0.85	6.05 -0.25 -2.83	10.18 -0.71 -2.60	10.36 -0.70 -2.88	22.99 -2.12 -0.10	7.58 -0.36 -3.29	4.79 -0.11 -3.44	3.04 0.04 -3.49	2.59 0.04 -3.08	3.21 0.32 -6.46	1.63 0.90 -11.52	5.66 0.30 -10.42	8.65 -0.48 -3.46	7.23 -0.46 -2.94	4.77 0.08 -5.53	12.30 -0.78 -5.22	35.15 -3.11 -4.71	17.76 -1.88 -1.91	1.83 0.15 -3.86
ARKWRIGHT___SUMMIT_WT_PWR 323751	3.47 0.00 -3.61	4.25 -0.06 -2.90	2.49 0.02 -3.26	3.67 -0.04 -2.92	6.32 -0.17 -2.56	7.37 -0.32 -1.05	6.44 -0.17 -3.14	10.66 -0.52 -2.89	10.98 -0.39 -3.20	24.23 -0.90 -0.12	8.09 -0.20 -3.64	5.19 -0.08 -3.81	3.41 0.03 -3.87	2.90 0.02 -3.41	3.95 0.23 -7.28	2.56 0.59 -12.75	6.64 0.14 -11.56	9.17 -0.31 -3.82	7.67 -0.32 -3.24	5.31 0.04 -6.10	14.02 -0.46 -6.62	43.65 -1.17 -11.27	20.28 -1.01 -3.56	2.15 0.06 -4.26
ARTHUR_KILL_GT_1 23520	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.87 0.61 -15.96	26.49 0.66 -17.66	27.61 1.98 -0.62	25.22 0.42 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.36 -29.57	57.70 -1.01 -69.48	55.87 -0.43 -61.35	27.77 0.51 -21.59	23.46 0.46 -18.25	33.47 -0.07 -34.37	36.73 0.73 -28.13	36.46 2.91 0.00	24.21 1.65 -4.82	21.48 -0.21 -23.87
ARTHUR_KILL_2 23512	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.40 0.26 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.85 0.59 -15.96	26.47 0.63 -17.66	27.55 1.92 -0.62	25.21 0.41 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.73 -0.97 -69.48	55.88 -0.42 -61.35	27.76 0.50 -21.59	23.45 0.45 -18.25	33.47 -0.07 -34.37	36.70 0.71 -28.13	36.36 2.81 0.00	24.16 1.60 -4.82	21.49 -0.20 -23.87
ARTHUR_KILL_3 23513	19.92 -0.01 -20.08	17.60 0.09 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.40 0.26 -14.21	20.36 0.48 -13.25	21.05 0.24 -17.34	24.83 0.58 -15.96	26.46 0.62 -17.66	27.59 1.96 -0.62	25.16 0.36 -20.15	22.64 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.69 -0.33 -29.57	57.76 -0.94 -69.49	55.87 -0.43 -61.35	27.72 0.47 -21.59	23.40 0.40 -18.25	33.47 -0.07 -34.37	36.63 0.63 -28.13	36.11 2.56 0.00	23.95 1.40 -4.82	21.50 -0.18 -23.86
ARTHUR_KILL_COGEN 323718	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.87 0.61 -15.96	26.49 0.66 -17.66	27.61 1.98 -0.62	25.22 0.42 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.36 -29.57	57.70 -1.01 -69.48	55.87 -0.43 -61.35	27.77 0.51 -21.59	23.46 0.46 -18.25	33.47 -0.07 -34.37	36.73 0.73 -28.13	36.46 2.91 0.00	24.21 1.65 -4.82	21.48 -0.21 -23.87
ASHOKAN____ 23654	21.42 -0.01 -21.58	18.78 0.07 -17.31	18.66 -0.04 -19.49	18.23 0.04 -17.40	19.42 0.22 -15.28	21.22 0.35 -14.24	22.29 0.19 -18.62	25.86 0.41 -17.15	27.55 0.41 -18.98	26.97 1.29 -0.67	26.49 0.20 -21.65	24.15 0.07 -22.62	22.48 -0.02 -22.99	19.70 -0.03 -20.26	28.02 -0.18 -31.77	63.29 -0.57 -74.64	60.61 -0.23 -65.90	29.20 0.33 -23.21	24.68 0.29 -19.64	36.07 -0.05 -36.96	38.81 0.55 -30.40	35.84 2.29 0.00	24.05 1.11 -5.20	23.48 -0.12 -25.78

ASTORIA_EAST_ENERGY_CC1 323581	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.35 0.47 -13.25	21.06 0.25 -17.34	24.88 0.63 -15.96	26.51 0.67 -17.66	27.60 1.97 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.68 -0.34 -29.57	57.74 -0.96 -69.49	55.86 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.65 0.66 -28.13	36.20 2.66 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_EAST_ENERGY_CC2 323582	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.35 0.47 -13.25	21.06 0.25 -17.34	24.88 0.63 -15.96	26.51 0.67 -17.66	27.60 1.97 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.68 -0.34 -29.57	57.74 -0.96 -69.49	55.86 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.65 0.66 -28.13	36.20 2.66 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT2_1 24094	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT2_2 24095	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT2_3 24096	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT2_4 24097	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT3_1 24098	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT3_2 24099	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT3_3 24100	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT3_4 24101	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT4_1 24102	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT4_2 24103	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT4_3 24104	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT4_4 24105	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA_GT_1 23523	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.48 -13.25	21.07 0.26 -17.34	24.90 0.65 -15.96	26.53 0.69 -17.66	27.68 2.05 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.67 -0.35 -29.57	57.71 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.30 2.75 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86

ASTORIA_GT_10 24110	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.88 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
ASTORIA_GT_11 24225	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.88 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
ASTORIA_GT_12 24226	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.88 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
ASTORIA_GT_13 24227	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.88 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
ASTORIA_GT_5 24106	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.48 -13.25	21.07 0.26 -17.34	24.90 0.65 -15.96	26.53 0.69 -17.66	27.68 2.05 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.67 -0.35 -29.57	57.71 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.30 2.75 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86
ASTORIA_GT_7 24107	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.48 -13.25	21.07 0.26 -17.34	24.90 0.65 -15.96	26.53 0.69 -17.66	27.68 2.05 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.67 -0.35 -29.57	57.71 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.30 2.75 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86
ASTORIA_GT_8 24108	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.48 -13.25	21.07 0.26 -17.34	24.90 0.65 -15.96	26.53 0.69 -17.66	27.68 2.05 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.67 -0.35 -29.57	57.71 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.30 2.75 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86
ASTORIA___2 24149	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.62 1.99 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.97 -69.49	55.87 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
ASTORIA___3 23516	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.88 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
ASTORIA___4 23517	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.87 0.62 -15.96	26.50 0.67 -17.66	27.68 2.05 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.30 2.76 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
ASTORIA___5 23518	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.88 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
AST_ENERGY_2_CC3 323677	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.85 0.60 -15.96	26.48 0.65 -17.66	27.63 2.00 -0.62	25.18 0.38 -20.15	22.65 0.12 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.98 -69.49	55.86 -0.44 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.65 0.66 -28.13	36.22 2.67 0.00	24.01 1.46 -4.82	21.50 -0.18 -23.86
AST_ENERGY_2_CC4 323678	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.85 0.60 -15.96	26.48 0.65 -17.66	27.63 2.00 -0.62	25.18 0.38 -20.15	22.65 0.12 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.98 -69.49	55.86 -0.44 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.65 0.66 -28.13	36.22 2.67 0.00	24.01 1.46 -4.82	21.50 -0.18 -23.86
ATHENS_STG_1 23668	21.79 -0.01 -21.95	19.06 0.06 -17.61	19.00 -0.03 -19.83	18.52 0.03 -17.70	19.62 0.15 -15.54	21.38 0.26 -14.48	22.56 0.14 -18.96	26.06 0.31 -17.45	27.81 0.33 -19.31	26.67 0.98 -0.68	26.86 0.19 -22.03	24.54 0.06 -23.02	22.88 -0.02 -23.39	20.06 -0.02 -20.61	28.60 -0.16 -32.33	64.69 -0.47 -75.95	61.79 -0.21 -67.05	29.50 0.23 -23.60	24.92 0.20 -19.97	36.71 -0.04 -37.58	39.07 0.33 -30.88	34.93 1.38 0.00	23.77 0.75 -5.29	23.92 -0.09 -26.19
ATHENS_STG_2 23670	21.79 -0.01 -21.95	19.06 0.06 -17.61	19.00 -0.03 -19.83	18.52 0.03 -17.70	19.62 0.15 -15.54	21.38 0.26 -14.48	22.56 0.14 -18.96	26.06 0.31 -17.45	27.81 0.33 -19.31	26.67 0.98 -0.68	26.86 0.19 -22.03	24.54 0.06 -23.02	22.88 -0.02 -23.39	20.06 -0.02 -20.61	28.60 -0.16 -32.33	64.69 -0.47 -75.95	61.79 -0.21 -67.05	29.50 0.23 -23.60	24.92 0.20 -19.97	36.71 -0.04 -37.58	39.07 0.33 -30.88	34.93 1.38 0.00	23.77 0.75 -5.29	23.92 -0.09 -26.19

ATHENS_STG_3 23677	21.79 -0.01 -21.95	19.06 0.06 -17.61	19.00 -0.03 -19.83	18.52 0.03 -17.70	19.62 0.15 -15.54	21.38 0.26 -14.48	22.56 0.14 -18.96	26.06 0.31 -17.45	27.81 0.33 -19.31	26.67 0.98 -0.68	26.86 0.19 -22.03	24.54 0.06 -23.02	22.88 -0.02 -23.39	20.06 -0.02 -20.61	28.60 -0.16 -32.33	64.69 -0.47 -75.95	61.79 -0.21 -67.05	29.50 0.23 -23.60	24.92 0.20 -19.97	36.71 -0.04 -37.58	39.07 0.33 -30.88	34.93 1.38 0.00	23.77 0.75 -5.29	23.92 -0.09 -26.19
AUBURN____LFGE 323710	2.62 0.00 -2.77	3.61 -0.01 -2.22	1.71 0.00 -2.50	3.01 0.00 -2.23	5.87 -0.02 -1.96	8.64 -0.02 -2.03	5.85 0.00 -2.38	10.52 0.04 -2.19	10.61 0.02 -2.42	25.11 0.02 -0.09	7.41 -0.01 -2.77	4.35 0.00 -2.89	2.45 0.00 -2.94	2.06 0.00 -2.59	0.49 0.00 -4.05	-1.30 -0.02 -9.50	3.34 -0.05 -8.44	8.82 0.08 -3.07	7.50 0.07 -2.68	4.20 -0.01 -5.05	12.14 0.12 -4.15	34.01 0.46 0.00	18.60 0.15 -0.71	1.31 -0.03 -3.52
BABYLON_RES_REC 323704	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.47 0.32 -14.22	20.48 0.59 -13.25	21.11 0.30 -17.34	24.93 0.67 -15.97	26.60 0.76 -17.67	27.93 2.29 -0.62	25.27 0.46 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.40 -0.90 -69.08	54.77 -0.43 -60.26	27.23 0.46 -21.11	23.04 0.42 -17.87	32.85 -0.09 -33.78	36.76 0.77 -28.14	36.64 3.09 0.00	24.29 1.73 -4.82	21.45 -0.23 -23.86
BABYLON__69_KV_BK2 356345	19.92 -0.01 -20.08	17.64 0.13 -16.11	17.28 -0.07 -18.14	17.06 0.07 -16.20	18.51 0.37 -14.22	20.55 0.67 -13.25	21.15 0.34 -17.34	25.01 0.75 -15.97	26.68 0.84 -17.67	28.18 2.55 -0.62	25.32 0.51 -20.16	23.05 0.17 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.09 -0.41 -30.06	57.34 -1.01 -69.13	54.86 -0.48 -60.39	27.33 0.50 -21.17	23.13 0.46 -17.92	32.91 -0.10 -33.85	36.86 0.86 -28.14	37.02 3.47 0.00	24.49 1.93 -4.82	21.43 -0.26 -23.86
BARON_WINDS____WT_PWR 323822	4.31 0.00 -4.46	4.93 -0.05 -3.58	3.25 0.02 -4.03	4.36 -0.02 -3.59	6.97 -0.12 -3.16	0.60 -0.21 5.82	7.33 -0.12 -3.98	11.65 -0.30 -3.66	11.95 -0.27 -4.05	24.38 -0.77 -0.14	9.11 -0.16 -4.62	6.23 -0.06 -4.83	4.44 0.02 -4.91	3.82 0.02 -4.32	4.53 0.17 -7.93	5.99 0.50 -16.28	9.73 0.16 -14.62	10.48 -0.23 -5.04	8.81 -0.22 -4.27	7.24 0.03 -8.04	14.68 -0.31 -7.13	36.00 -1.15 -3.60	19.02 -0.71 -1.99	3.48 0.05 -5.61
BARRETT_IC_1 23704	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_10 23701	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_11 23702	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_12 23703	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_2 23705	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_3 23706	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_4 23707	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_5 23708	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_6 23709	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_7 23710	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86

BARRETT_IC_8 23711	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT_IC_9 23700	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT___1 23545	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BARRETT___2 23546	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.81 0.55 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.18 -0.32 -30.06	41.36 -0.77 -52.91	11.61 -0.35 -17.02	8.11 0.38 -2.07	8.13 0.34 -3.03	9.29 -0.07 -10.20	36.64 0.64 -28.14	36.13 2.58 0.00	24.02 1.47 -4.82	21.48 -0.21 -23.86
BATAVIA___115KV_TB1 55881	3.03 0.00 -3.18	3.91 -0.04 -2.55	2.07 0.00 -2.87	3.33 -0.02 -2.56	6.09 -0.09 -2.25	7.31 -0.20 -0.88	6.13 -0.10 -2.76	10.57 -0.26 -2.54	10.69 -0.29 -2.81	24.09 -1.02 -0.10	7.64 -0.22 -3.21	4.76 -0.07 -3.35	2.94 0.02 -3.41	2.50 0.02 -3.01	1.26 0.20 -4.62	0.45 0.52 -10.72	4.55 0.09 -9.52	8.82 -0.22 -3.38	7.40 -0.22 -2.87	4.61 0.03 -5.41	11.92 -0.40 -4.45	31.86 -1.69 0.00	17.32 -1.18 -0.76	1.66 0.06 -3.77
BAYONEEC___CTG1 323682	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG10 323750	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG2 323683	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG3 323684	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG4 323685	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG5 323686	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG6 323687	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG7 323688	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG8 323689	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
BAYONEEC___CTG9 323749	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.19 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.71 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86

BEACON___LESR 323632	23.90 -0.01 -24.06	20.77 0.07 -19.30	20.90 -0.04 -21.74	20.23 0.04 -19.40	21.16 0.19 -17.03	22.85 0.34 -15.88	24.42 0.18 -20.77	27.83 0.40 -19.13	29.76 0.41 -21.17	26.97 1.22 -0.75	29.02 0.21 -24.15	26.77 0.07 -25.24	25.14 -0.02 -25.65	22.05 -0.03 -22.60	31.70 -0.19 -35.45	71.95 -0.54 -83.27	68.21 -0.24 -73.51	31.85 0.31 -25.88	26.88 0.23 -21.89	40.34 -0.04 -41.21	42.16 0.43 -33.86	35.21 1.66 0.00	24.41 0.88 -5.80	26.43 -0.11 -28.72
BEAVER RIVER___HYD 24048	2.21 0.00 -2.35	2.45 -0.06 -1.11	0.05 0.03 -0.82	1.48 -0.04 -0.73	4.39 -0.18 -0.64	6.95 -0.28 -0.60	4.11 -0.14 -0.78	8.68 -0.33 -0.72	8.60 -0.36 -0.79	23.85 -1.18 -0.03	5.30 -0.25 -0.90	2.33 -0.08 -0.95	-0.42 0.03 -0.04	-5.31 0.04 4.82	-7.02 0.22 3.67	-10.42 0.56 0.19	-4.83 0.24 0.02	6.42 -0.20 -0.96	5.52 -0.05 -0.82	0.72 0.01 -1.55	8.96 -0.17 -1.27	33.02 -0.53 0.00	17.87 -0.09 -0.22	-1.06 0.04 -1.08
BEEBEE_GT_13 23619	2.50 0.00 -2.65	3.49 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.02 -2.14	5.71 -0.09 -1.87	8.21 -0.17 -1.75	5.66 -0.09 -2.28	10.13 -0.26 -2.10	10.22 -0.27 -2.32	24.27 -0.82 -0.08	7.16 -0.14 -2.64	4.19 -0.04 -2.76	2.34 0.01 -2.81	1.97 0.02 -2.48	0.39 0.12 -3.83	-1.54 0.32 -8.92	2.90 0.05 -7.91	8.32 -0.15 -2.81	6.97 -0.17 -2.39	3.70 0.03 -4.50	11.27 -0.30 -3.71	32.41 -1.13 0.00	17.62 -0.75 -0.63	1.02 0.05 -3.14
BENSHRST_27_KV_BENSHRST_1 355998	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.28 -0.06 -18.14	17.04 0.06 -16.19	18.44 0.30 -14.21	20.42 0.54 -13.25	21.09 0.28 -17.34	24.95 0.69 -15.96	26.58 0.75 -17.66	27.93 2.30 -0.62	25.25 0.45 -20.15	22.67 0.15 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.62 -0.39 -29.57	57.57 -1.13 -69.49	55.78 -0.51 -61.35	27.83 0.57 -21.59	23.49 0.49 -18.25	33.46 -0.09 -34.37	36.78 0.79 -28.13	36.74 3.19 0.00	24.28 1.72 -4.82	21.48 -0.21 -23.87
BETHLEHEM___GRP 23843	23.93 -0.01 -24.08	20.78 0.06 -19.32	20.93 -0.03 -21.76	20.25 0.03 -19.42	21.14 0.16 -17.05	22.80 0.27 -15.89	24.40 0.14 -20.79	27.78 0.33 -19.15	29.70 0.33 -21.19	26.74 0.98 -0.75	29.01 0.19 -24.18	26.79 0.06 -25.26	25.17 -0.02 -25.67	22.07 -0.02 -22.62	31.77 -0.15 -35.48	72.13 -0.45 -83.36	68.33 -0.20 -73.59	31.80 0.23 -25.90	26.85 0.19 -21.92	40.39 -0.03 -41.25	42.10 0.33 -33.90	34.96 1.41 0.00	24.29 0.75 -5.80	26.48 -0.09 -28.75
BETHLEHEM___GS1 323560	23.93 -0.01 -24.08	20.78 0.06 -19.32	20.93 -0.03 -21.76	20.25 0.03 -19.42	21.14 0.16 -17.05	22.80 0.27 -15.89	24.40 0.14 -20.79	27.78 0.33 -19.15	29.70 0.33 -21.19	26.74 0.99 -0.75	29.01 0.19 -24.18	26.79 0.06 -25.26	25.17 -0.02 -25.67	22.07 -0.02 -22.62	31.77 -0.15 -35.48	72.13 -0.45 -83.36	68.33 -0.20 -73.59	31.80 0.23 -25.90	26.85 0.19 -21.92	40.39 -0.03 -41.25	42.09 0.33 -33.90	34.97 1.42 0.00	24.29 0.75 -5.80	26.48 -0.09 -28.75
BETHLEHEM___GS2 323561	23.93 -0.01 -24.08	20.78 0.06 -19.32	20.93 -0.03 -21.76	20.25 0.03 -19.42	21.14 0.16 -17.05	22.80 0.27 -15.89	24.40 0.14 -20.79	27.78 0.33 -19.15	29.70 0.33 -21.19	26.74 0.99 -0.75	29.01 0.19 -24.18	26.79 0.06 -25.26	25.17 -0.02 -25.67	22.07 -0.02 -22.62	31.77 -0.15 -35.48	72.13 -0.45 -83.36	68.33 -0.20 -73.59	31.80 0.23 -25.90	26.85 0.19 -21.92	40.39 -0.03 -41.25	42.09 0.33 -33.90	34.97 1.42 0.00	24.29 0.75 -5.80	26.48 -0.09 -28.75
BETHLEHEM___GS3 323562	23.93 -0.01 -24.08	20.78 0.06 -19.32	20.93 -0.03 -21.76	20.25 0.03 -19.42	21.14 0.16 -17.05	22.80 0.27 -15.89	24.40 0.14 -20.79	27.78 0.33 -19.15	29.70 0.33 -21.19	26.74 0.99 -0.75	29.01 0.19 -24.18	26.79 0.06 -25.26	25.17 -0.02 -25.67	22.07 -0.02 -22.62	31.77 -0.15 -35.48	72.13 -0.45 -83.36	68.33 -0.20 -73.59	31.80 0.23 -25.90	26.85 0.19 -21.92	40.39 -0.03 -41.25	42.09 0.33 -33.90	34.97 1.42 0.00	24.29 0.75 -5.80	26.48 -0.09 -28.75
BETHLEHEM___STEEL 23779	3.34 0.00 -3.48	4.16 -0.04 -2.79	2.35 0.00 -3.15	3.58 -0.02 -2.81	6.30 -0.10 -2.46	7.02 -0.22 -0.61	6.38 -0.13 -3.03	10.69 -0.39 -2.79	10.87 -0.38 -3.09	24.05 -1.08 -0.12	7.98 -0.19 -3.52	5.08 -0.06 -3.68	3.27 0.02 -3.74	2.79 0.02 -3.30	1.68 0.18 -5.06	1.44 0.51 -11.71	5.45 0.09 -10.41	9.11 -0.25 -3.70	7.61 -0.28 -3.14	5.12 0.04 -5.91	13.87 -0.45 -6.46	43.10 -1.69 -11.24	20.13 -1.13 -3.52	2.02 0.07 -4.12
BETHLHEM_115KV_TB1 79974	23.92 -0.01 -24.07	20.77 0.06 -19.31	20.92 -0.03 -21.75	20.24 0.03 -19.41	21.13 0.16 -17.04	22.78 0.26 -15.88	24.38 0.13 -20.77	27.65 0.30 -19.06	29.57 0.30 -21.09	26.65 0.90 -0.75	28.88 0.17 -24.06	26.66 0.06 -25.14	25.04 -0.02 -25.55	21.97 -0.02 -22.51	31.61 -0.14 -35.31	71.76 -0.41 -82.96	68.01 -0.19 -73.25	31.69 0.21 -25.81	26.76 0.18 -21.84	40.23 -0.03 -41.10	41.94 0.31 -33.78	34.84 1.29 0.00	24.21 0.69 -5.78	26.38 -0.09 -28.64
BETHPAGE_CC_5 323564	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.31 -14.22	20.46 0.58 -13.25	21.10 0.29 -17.34	24.90 0.64 -15.97	26.57 0.73 -17.67	27.87 2.24 -0.62	25.26 0.45 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.21 -0.89 -68.88	54.25 -0.41 -59.72	26.98 0.44 -20.87	22.84 0.40 -17.69	32.57 -0.08 -33.48	36.72 0.72 -28.14	36.49 2.94 0.00	24.22 1.67 -4.82	21.46 -0.22 -23.86
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	3.40 0.00 -3.55	4.22 -0.03 -2.85	2.41 0.00 -3.21	3.64 -0.02 -2.86	6.37 -0.07 -2.51	7.28 -0.17 -0.81	6.46 -0.10 -3.09	10.82 -0.32 -2.84	11.00 -0.32 -3.14	24.29 -0.84 -0.12	8.08 -0.15 -3.58	5.16 -0.05 -3.75	3.33 0.02 -3.81	2.84 0.02 -3.36	1.74 0.15 -5.14	1.54 0.43 -11.89	5.57 0.06 -10.57	9.21 -0.21 -3.76	7.69 -0.25 -3.19	5.20 0.04 -6.00	13.91 -0.38 -6.43	42.62 -1.45 -10.51	20.10 -1.00 -3.36	2.07 0.05 -4.19
BINGHAMTON___COGEN 23790	6.12 0.00 -6.27	6.44 0.01 -5.03	4.86 -0.01 -5.66	5.85 0.00 -5.06	8.41 0.04 -4.44	10.84 0.07 -4.14	8.93 0.04 -5.42	13.37 0.09 -4.99	13.78 0.09 -5.52	25.47 0.26 -0.19	10.99 0.04 -6.30	8.06 0.01 -6.58	6.20 0.00 -6.69	5.36 0.00 -5.90	5.69 -0.03 -9.28	10.98 -0.09 -21.85	14.37 -0.06 -19.49	12.67 0.07 -6.94	10.67 0.05 -5.87	10.19 -0.01 -11.04	17.14 0.09 -9.19	34.60 0.32 -0.73	19.58 0.12 -1.73	5.50 -0.03 -7.70
BIXINCNT_115KV_LOAD 355685	3.58 0.00 -3.73	4.37 -0.03 -2.99	2.56 -0.01 -3.37	3.78 -0.01 -3.01	6.52 -0.05 -2.64	7.92 -0.13 -1.42	6.63 -0.07 -3.23	11.08 -0.19 -2.97	11.25 -0.21 -3.29	24.76 -0.37 -0.12	8.26 -0.14 -3.75	5.33 -0.06 -3.92	3.51 0.02 -3.98	3.00 0.02 -3.51	1.96 0.16 -5.37	2.07 0.47 -12.38	6.04 0.08 -11.01	9.37 -0.21 -3.91	7.84 -0.23 -3.32	5.44 0.03 -6.25	14.00 -0.25 -6.39	41.52 -0.80 -8.77	20.08 -0.64 -2.98	2.20 0.01 -4.36
BLACK RIVER___HYD 24047	2.12 0.00 -2.26	2.60 -0.07 -1.26	0.36 0.03 -1.12	1.75 -0.04 -1.00	4.62 -0.19 -0.88	7.16 -0.29 -0.82	4.41 -0.13 -1.07	8.94 -0.33 -0.99	8.89 -0.38 -1.09	23.78 -1.26 -0.04	5.63 -0.27 -1.25	2.68 -0.09 -1.30	0.23 0.04 -0.69	-3.25 0.04 2.76	-4.95 0.25 1.64	-8.17 0.62 -1.99	-3.00 0.23 -1.83	6.78 -0.19 -1.31	5.83 -0.04 -1.12	1.28 0.01 -2.10	9.45 -0.14 -1.73	33.13 -0.42 0.00	17.95 -0.09 -0.30	-0.66 0.05 -1.47

BLACKRVR_115KV_TB2 79977	2.12 0.00 -2.26	2.60 -0.07 -1.26	0.36 0.03 -1.12	1.75 -0.04 -1.00	4.62 -0.19 -0.88	7.16 -0.29 -0.82	4.41 -0.13 -1.07	8.94 -0.33 -0.99	8.89 -0.38 -1.09	23.78 -1.26 -0.04	5.62 -0.27 -1.25	2.68 -0.09 -1.30	0.23 0.04 -0.69	-3.25 0.04 2.76	-4.95 0.25 1.64	-8.17 0.62 -1.99	-3.00 0.23 -1.83	6.78 -0.19 -1.31	5.83 -0.04 -1.12	1.28 0.01 -2.10	9.45 -0.14 -1.73	33.13 -0.42 0.00	17.95 -0.08 -0.30	-0.66 0.05 -1.47
BLISS_WT_PWR 323608	3.58 0.00 -3.73	4.36 -0.03 -2.99	2.57 0.00 -3.37	3.78 -0.02 -3.01	6.50 -0.07 -2.64	7.88 -0.17 -1.42	6.61 -0.09 -3.23	11.06 -0.21 -2.97	11.23 -0.23 -3.29	24.71 -0.42 -0.12	8.24 -0.16 -3.75	5.32 -0.07 -3.92	3.52 0.02 -3.98	3.00 0.02 -3.51	4.26 0.18 -7.64	2.86 0.53 -13.11	6.97 0.12 -11.90	9.33 -0.25 -3.91	7.83 -0.24 -3.32	5.45 0.03 -6.25	14.00 -0.25 -6.39	41.57 -0.75 -8.77	20.06 -0.66 -2.98	2.20 0.01 -4.36
BLUE_CIRC_CHEM_DRP 24182	23.54 -0.01 -23.69	20.46 0.06 -19.00	20.57 -0.03 -21.40	19.93 0.03 -19.11	20.87 0.17 -16.77	22.55 0.28 -15.63	24.05 0.14 -20.44	27.44 0.33 -18.81	29.31 0.32 -20.82	26.67 0.93 -0.74	28.58 0.18 -23.75	26.34 0.06 -24.82	24.71 -0.02 -25.22	21.67 -0.02 -22.22	31.15 -0.14 -34.85	70.68 -0.41 -81.88	67.05 -0.19 -72.29	31.35 0.22 -25.46	26.47 0.18 -21.55	39.69 -0.03 -40.55	41.51 0.32 -33.33	34.89 1.34 0.00	24.16 0.72 -5.71	26.00 -0.09 -28.26
BOC_GAS_DRP 24189	23.86 -0.01 -24.02	20.72 0.05 -19.26	20.87 -0.03 -21.70	20.19 0.03 -19.37	21.07 0.14 -17.00	22.71 0.23 -15.85	24.30 0.12 -20.71	27.63 0.28 -19.06	29.54 0.28 -21.09	26.58 0.83 -0.75	28.87 0.16 -24.06	26.66 0.05 -25.14	25.05 -0.02 -25.55	21.97 -0.02 -22.51	31.62 -0.13 -35.31	71.79 -0.39 -82.96	68.02 -0.17 -73.25	31.67 0.20 -25.81	26.75 0.16 -21.84	40.24 -0.03 -41.10	41.92 0.28 -33.78	34.75 1.20 0.00	24.16 0.64 -5.78	26.39 -0.08 -28.64
BOONVILLE_115KV_TB1 79983	1.20 0.00 -1.34	2.17 -0.01 -0.78	-0.08 0.01 -0.71	1.42 -0.01 -0.64	4.45 -0.04 -0.56	7.11 -0.05 -0.52	4.14 -0.02 -0.68	8.86 -0.06 -0.63	8.78 -0.08 -0.69	24.74 -0.29 -0.03	5.38 -0.07 -0.79	2.27 -0.02 -0.83	0.12 0.01 -0.60	-1.28 0.01 0.77	-3.68 0.06 0.17	-8.82 0.12 -1.84	-3.32 0.05 -1.68	6.50 -0.02 -0.86	5.54 0.05 -0.73	0.54 -0.01 -1.38	9.03 0.03 -1.14	33.75 0.20 0.00	18.09 0.16 -0.19	-1.22 -0.01 -0.96
BORALEX_4TH_BRANCH 23824	23.96 0.00 -24.12	20.82 0.07 -19.35	20.95 -0.04 -21.79	20.28 0.04 -19.45	21.19 0.19 -17.07	22.83 0.28 -15.92	24.45 0.14 -20.84	27.81 0.33 -19.19	29.71 0.31 -21.23	26.62 0.86 -0.75	29.04 0.16 -24.22	26.82 0.05 -25.31	25.22 -0.01 -25.72	22.12 -0.02 -22.66	31.88 -0.11 -35.54	72.39 -0.33 -83.50	68.50 -0.15 -73.71	31.75 0.15 -25.93	26.80 0.11 -21.94	40.44 -0.02 -41.29	42.04 0.24 -33.93	34.77 1.22 0.00	24.22 0.68 -5.81	26.51 -0.09 -28.77
BOWLINE___1 23526	19.49 -0.01 -19.65	17.25 0.09 -15.76	16.91 -0.05 -17.75	16.68 0.05 -15.85	18.09 0.24 -13.91	20.04 0.44 -12.97	20.67 0.23 -16.97	24.46 0.55 -15.62	26.04 0.58 -17.28	27.39 1.78 -0.61	24.71 0.34 -19.72	22.18 0.11 -20.61	20.41 -0.04 -20.94	17.88 -0.05 -18.45	25.07 -0.31 -28.94	56.32 -0.90 -68.00	54.57 -0.41 -60.04	27.24 0.45 -21.13	22.97 0.38 -17.84	32.71 -0.07 -33.62	35.89 0.61 -27.42	36.02 2.47 0.00	23.75 1.32 -4.69	20.91 -0.17 -23.25
BOWLINE___2 23595	19.50 -0.01 -19.65	17.26 0.09 -15.76	16.91 -0.05 -17.75	16.69 0.05 -15.85	18.09 0.24 -13.91	20.04 0.44 -12.97	20.67 0.23 -16.97	24.47 0.55 -15.62	26.04 0.58 -17.29	27.39 1.78 -0.61	24.71 0.34 -19.72	22.19 0.11 -20.61	20.41 -0.04 -20.94	17.88 -0.05 -18.45	25.07 -0.31 -28.95	56.32 -0.90 -68.00	54.58 -0.41 -60.05	27.24 0.45 -21.13	22.97 0.38 -17.84	32.72 -0.07 -33.62	35.89 0.61 -27.42	36.02 2.47 0.00	23.75 1.32 -4.69	20.91 -0.17 -23.26
BRADY___115KV_TB2 356060	2.06 0.00 -2.21	1.97 -0.02 -0.58	-0.79 0.01 0.00	0.78 -0.01 0.00	3.89 -0.04 0.00	6.57 -0.07 0.00	3.44 -0.03 0.00	8.20 -0.09 0.00	8.06 -0.11 0.00	24.64 -0.37 0.00	4.56 -0.09 0.00	1.44 -0.03 0.00	-3.46 0.01 2.98	-18.91 0.02 18.39	-19.70 0.07 16.21	-21.29 0.21 10.72	-13.85 0.10 8.89	5.58 -0.08 0.00	4.68 -0.07 0.00	-0.82 0.02 0.00	7.75 -0.11 0.00	33.21 -0.34 0.00	17.66 -0.07 0.00	-2.16 0.02 0.00
BRANSCOMB___SOLAR 323811	24.68 -0.01 -24.84	21.38 0.06 -19.92	21.61 -0.03 -22.44	20.85 0.03 -20.03	21.67 0.16 -17.58	23.30 0.27 -16.39	25.09 0.15 -21.47	28.42 0.36 -19.77	30.38 0.33 -21.88	26.71 0.93 -0.77	29.78 0.17 -24.96	27.60 0.05 -26.08	26.00 -0.02 -26.50	22.81 -0.02 -23.35	32.94 -0.13 -36.63	74.86 -0.40 -86.05	70.68 -0.20 -75.94	32.61 0.24 -26.70	27.54 0.20 -22.59	41.65 -0.03 -42.52	43.19 0.38 -34.95	35.12 1.57 0.00	24.50 0.78 -5.98	27.36 -0.10 -29.64
BRENTWOD_69_KV_W. BRTWOOD 56703	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.35 -14.22	20.52 0.64 -13.25	21.13 0.32 -17.34	24.96 0.70 -15.97	26.64 0.81 -17.67	28.06 2.43 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.39 -30.06	57.78 -0.93 -69.50	55.87 -0.44 -61.36	27.71 0.46 -21.60	23.43 0.43 -18.25	33.45 -0.09 -34.38	36.80 0.80 -28.14	36.77 3.22 0.00	24.38 1.82 -4.82	21.44 -0.25 -23.86
BRISTLHL_115KV_TB1 79998	1.78 0.01 -1.92	2.91 -0.04 -1.54	0.96 0.02 -1.74	2.32 -0.02 -1.55	5.19 -0.11 -1.36	7.73 -0.18 -1.27	5.04 -0.09 -1.66	9.60 -0.22 -1.53	9.63 -0.23 -1.69	24.35 -0.72 -0.06	6.44 -0.14 -1.93	3.44 -0.04 -2.02	1.57 0.01 -2.05	1.29 0.02 -1.81	-0.63 0.10 -2.83	-3.86 0.29 -6.63	0.77 0.11 -5.71	7.48 -0.16 -1.98	6.31 -0.13 -1.69	2.38 0.02 -3.19	10.25 -0.23 -2.62	32.56 -0.99 0.00	17.61 -0.58 -0.45	0.11 0.06 -2.22
BROOKHAVEN___DRP 24191	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.50 0.35 -14.22	20.54 0.65 -13.25	21.15 0.33 -17.34	25.00 0.74 -15.97	26.67 0.83 -17.67	28.11 2.47 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.11 -0.39 -30.06	57.77 -0.94 -69.50	55.86 -0.45 -61.36	27.73 0.47 -21.60	23.45 0.45 -18.25	33.45 -0.10 -34.38	36.84 0.85 -28.14	36.92 3.37 0.00	24.44 1.89 -4.82	21.43 -0.25 -23.86
BROOKLYN_NAVY_YARD 23515	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.66 2.03 -0.62	25.18 0.38 -20.15	22.64 0.12 -21.05	20.86 -0.05 -21.40	18.28 -0.05 -18.85	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.41 0.41 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.27 2.72 0.00	24.04 1.49 -4.82	21.50 -0.18 -23.86
BROOKLYN___ARMY_DRP 323595	19.92 -0.01 -20.08	17.61 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.78 2.15 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.83 -0.47 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.17 1.61 -4.82	21.49 -0.20 -23.87

BROOKVLE_69_KV_TB1 55790	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.31 -14.22	20.45 0.56 -13.25	21.10 0.29 -17.34	24.92 0.66 -15.97	26.57 0.73 -17.67	27.90 2.27 -0.62	25.25 0.45 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	56.95 -1.02 -68.75	53.84 -0.46 -59.36	26.86 0.48 -20.71	22.74 0.43 -17.56	32.37 -0.08 -33.29	36.76 0.76 -28.14	36.61 3.06 0.00	24.21 1.65 -4.82	21.47 -0.22 -23.86
BROOME_2_LFGE 323671	6.12 0.00 -6.27	6.44 0.01 -5.03	4.86 -0.01 -5.66	5.85 0.00 -5.06	8.41 0.04 -4.44	10.84 0.07 -4.14	8.93 0.04 -5.42	13.37 0.09 -4.99	13.78 0.09 -5.52	25.46 0.26 -0.19	10.99 0.04 -6.30	8.06 0.01 -6.58	6.20 0.00 -6.69	5.36 0.00 -5.90	3.68 -0.03 -7.27	10.33 -0.08 -21.19	13.57 -0.06 -18.68	12.67 0.07 -6.94	10.67 0.05 -5.87	10.19 -0.01 -11.04	17.14 0.09 -9.19	34.60 0.32 -0.73	19.58 0.11 -1.73	5.50 -0.03 -7.70
BROOME___LFGE 323600	6.12 0.00 -6.27	6.44 0.01 -5.03	4.86 -0.01 -5.66	5.85 0.00 -5.06	8.41 0.04 -4.44	10.84 0.07 -4.14	8.93 0.04 -5.42	13.37 0.09 -4.99	13.78 0.09 -5.52	25.46 0.26 -0.19	10.99 0.04 -6.30	8.06 0.01 -6.58	6.20 0.00 -6.69	5.36 0.00 -5.90	3.68 -0.03 -7.27	10.33 -0.08 -21.19	13.57 -0.06 -18.68	12.67 0.07 -6.94	10.67 0.05 -5.87	10.19 -0.01 -11.04	17.14 0.09 -9.19	34.60 0.32 -0.73	19.58 0.11 -1.73	5.50 -0.03 -7.70
BROWNFLS_115KV_TB_3_5 80003	3.09 0.00 -3.23	2.54 -0.06 -1.20	-0.19 0.03 -0.58	1.27 -0.03 -0.51	4.21 -0.17 -0.45	6.79 -0.27 -0.42	3.88 -0.14 -0.55	8.47 -0.33 -0.51	8.38 -0.36 -0.56	23.88 -1.15 -0.02	5.04 -0.25 -0.64	2.06 -0.08 -0.67	-1.52 0.03 1.06	-10.62 0.03 10.13	-11.87 0.21 8.52	-14.27 0.56 4.04	-8.06 0.25 3.26	6.11 -0.23 -0.68	5.21 -0.12 -0.58	0.29 0.03 -1.10	8.51 -0.25 -0.90	32.79 -0.76 0.00	17.70 -0.19 -0.15	-1.37 0.04 -0.77
BROWNSV1_27_KV_LOAD 356125	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.28 -0.06 -18.14	17.04 0.06 -16.19	18.45 0.30 -14.21	20.42 0.54 -13.25	21.10 0.29 -17.34	24.95 0.69 -15.96	26.58 0.74 -17.66	27.94 2.31 -0.62	25.24 0.44 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.63 -0.38 -29.57	57.59 -1.11 -69.49	55.79 -0.51 -61.35	27.81 0.56 -21.59	23.47 0.47 -18.25	33.45 -0.08 -34.37	36.75 0.76 -28.13	36.65 3.10 0.00	24.22 1.67 -4.82	21.47 -0.21 -23.86
BURROWS___LYONSDAL 23803	1.40 0.00 -1.54	2.22 -0.02 -0.84	-0.05 0.01 -0.74	1.42 -0.02 -0.66	4.42 -0.09 -0.57	7.05 -0.12 -0.54	4.12 -0.05 -0.70	8.79 -0.14 -0.65	8.71 -0.17 -0.71	24.47 -0.57 -0.03	5.34 -0.12 -0.81	2.28 -0.04 -0.85	0.01 0.02 -0.49	-2.07 0.02 1.56	-4.32 0.10 0.86	-9.10 0.24 -1.44	-3.60 0.11 -1.35	6.47 -0.07 -0.88	5.53 0.03 -0.75	0.58 0.00 -1.41	8.99 -0.03 -1.16	33.53 -0.02 0.00	18.02 0.09 -0.20	-1.18 0.01 -0.98
CAITHNESS_CC_1 323624	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.49 0.34 -14.22	20.52 0.63 -13.25	21.13 0.32 -17.34	24.97 0.71 -15.97	26.64 0.80 -17.67	28.04 2.41 -0.62	25.29 0.48 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	57.80 -0.91 -69.50	55.88 -0.43 -61.36	27.72 0.46 -21.60	23.43 0.43 -18.25	33.45 -0.09 -34.38	36.81 0.81 -28.14	36.79 3.24 0.00	24.37 1.82 -4.82	21.44 -0.25 -23.86
CALPINE BETH_PAGE_GT4 24209	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.31 -14.22	20.46 0.57 -13.25	21.10 0.29 -17.34	24.89 0.63 -15.97	26.56 0.72 -17.67	27.85 2.22 -0.62	25.25 0.44 -20.16	23.02 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.14 -0.36 -30.06	57.01 -0.88 -68.67	53.70 -0.40 -59.16	26.71 0.42 -20.62	22.63 0.39 -17.49	32.26 -0.08 -33.17	36.70 0.70 -28.14	36.40 2.85 0.00	24.20 1.65 -4.82	21.46 -0.22 -23.86
CALPINE_BETH_PAGE_GT_4 323586	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.31 -14.22	20.46 0.57 -13.25	21.10 0.29 -17.34	24.89 0.63 -15.97	26.56 0.72 -17.67	27.84 2.21 -0.62	25.25 0.44 -20.16	23.02 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.14 -0.36 -30.06	57.01 -0.88 -68.67	53.70 -0.40 -59.16	26.71 0.43 -20.62	22.63 0.39 -17.49	32.26 -0.08 -33.17	36.70 0.70 -28.14	36.40 2.85 0.00	24.20 1.65 -4.82	21.46 -0.22 -23.86
CALPINE_BP_GT1 23823	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.31 -14.22	20.46 0.57 -13.25	21.10 0.29 -17.34	24.89 0.63 -15.97	26.56 0.72 -17.67	27.84 2.21 -0.62	25.25 0.44 -20.16	23.02 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.14 -0.36 -30.06	57.01 -0.88 -68.67	53.70 -0.40 -59.16	26.71 0.43 -20.62	22.63 0.39 -17.49	32.26 -0.08 -33.17	36.70 0.70 -28.14	36.40 2.85 0.00	24.20 1.65 -4.82	21.46 -0.22 -23.86
CALSPAN___DRP 24200	3.34 0.00 -3.48	4.16 -0.04 -2.79	2.35 0.00 -3.15	3.58 -0.02 -2.81	6.30 -0.10 -2.46	7.02 -0.22 -0.61	6.38 -0.13 -3.03	10.69 -0.39 -2.79	10.87 -0.38 -3.09	24.05 -1.08 -0.12	7.98 -0.19 -3.52	5.08 -0.06 -3.68	3.27 0.02 -3.74	2.79 0.02 -3.30	1.68 0.18 -5.06	1.44 0.51 -11.71	5.45 0.09 -10.41	9.11 -0.25 -3.70	7.61 -0.28 -3.14	5.12 0.04 -5.91	13.87 -0.45 -6.46	43.10 -1.69 -11.24	20.13 -1.13 -3.52	2.02 0.07 -4.12
CALVERTON___SOLAR 323806	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.29 -0.06 -18.14	17.05 0.07 -16.20	18.52 0.37 -14.22	20.56 0.68 -13.25	21.16 0.34 -17.34	25.03 0.77 -15.97	26.70 0.86 -17.67	28.19 2.56 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.73 -0.98 -69.50	55.84 -0.47 -61.36	27.76 0.51 -21.60	23.48 0.47 -18.25	33.44 -0.10 -34.38	36.89 0.89 -28.14	37.08 3.54 0.00	24.52 1.97 -4.82	21.43 -0.26 -23.86
CANDIGU_WT_PWR 323617	4.31 0.00 -4.46	4.93 -0.05 -3.58	3.25 0.02 -4.03	4.36 -0.02 -3.59	6.97 -0.12 -3.16	0.60 -0.21 5.82	7.33 -0.12 -3.98	11.65 -0.30 -3.66	11.95 -0.27 -4.05	24.38 -0.77 -0.14	9.11 -0.16 -4.62	6.23 -0.06 -4.83	4.44 0.02 -4.91	3.82 0.02 -4.32	4.53 0.17 -7.93	5.99 0.50 -16.28	9.73 0.16 -14.62	10.48 -0.23 -5.04	8.81 -0.22 -4.27	7.24 0.03 -8.04	14.68 -0.31 -7.13	36.00 -1.15 -3.60	19.02 -0.71 -1.99	3.48 0.05 -5.61
CARR STREET_E_SYR 24060	1.94 0.00 -2.09	3.05 -0.03 -1.67	1.10 0.01 -1.88	2.46 -0.02 -1.68	5.34 -0.07 -1.48	7.89 -0.12 -1.38	5.22 -0.06 -1.80	9.80 -0.15 -1.66	9.85 -0.15 -1.83	24.61 -0.46 -0.06	6.65 -0.09 -2.09	3.62 -0.03 -2.19	1.74 0.01 -2.22	1.44 0.01 -1.96	-0.43 0.07 -3.06	-3.41 0.18 -7.19	1.44 0.06 -6.43	7.91 -0.07 -2.32	6.67 -0.06 -1.98	2.91 0.01 -3.73	10.82 -0.11 -3.07	33.06 -0.48 0.00	17.93 -0.33 -0.52	0.46 0.03 -2.60
CARTHAGE___PAPER 23857	2.15 0.00 -2.30	2.55 -0.06 -1.20	0.24 0.03 -1.00	1.65 -0.04 -0.89	4.55 -0.17 -0.79	7.11 -0.25 -0.74	4.31 -0.12 -0.96	8.88 -0.30 -0.88	8.81 -0.34 -0.98	23.88 -1.16 -0.03	5.51 -0.25 -1.12	2.55 -0.08 -1.17	-0.02 0.03 -0.44	-4.05 0.04 3.56	-5.76 0.23 2.42	-9.06 0.58 -1.15	-3.72 0.22 -1.12	6.66 -0.17 -1.17	5.73 -0.03 -1.00	1.06 0.01 -1.89	9.29 -0.13 -1.55	33.21 -0.34 0.00	17.99 -0.01 -0.27	-0.82 0.04 -1.32

CASSADAGA_WT_PWR 323784	3.49 0.00 -3.64	4.28 -0.04 -2.92	2.50 0.01 -3.29	3.70 -0.03 -2.94	6.37 -0.13 -2.58	7.54 -0.25 -1.16	6.50 -0.12 -3.16	10.77 -0.42 -2.90	11.10 -0.29 -3.21	24.58 -0.55 -0.12	8.18 -0.14 -3.67	5.23 -0.07 -3.83	3.43 0.02 -3.89	2.92 0.02 -3.43	3.98 0.20 -7.34	2.55 0.51 -12.83	6.68 0.10 -11.63	9.23 -0.27 -3.84	7.72 -0.29 -3.26	5.34 0.04 -6.14	14.03 -0.43 -6.60	43.60 -0.85 -10.90	20.37 -0.84 -3.47	2.15 0.04 -4.28
CE_DUNWOOD___DRP 24194	19.90 -0.01 -20.06	17.58 0.09 -16.09	17.27 -0.05 -18.12	17.02 0.05 -16.17	18.38 0.26 -14.20	20.33 0.46 -13.23	21.03 0.24 -17.32	24.81 0.57 -15.94	26.42 0.61 -17.64	27.50 1.87 -0.62	25.14 0.36 -20.13	22.62 0.12 -21.03	20.84 -0.04 -21.37	18.26 -0.05 -18.83	25.66 -0.32 -29.54	57.70 -0.92 -69.40	55.80 -0.42 -61.28	27.69 0.46 -21.57	23.37 0.39 -18.22	33.42 -0.07 -34.33	36.58 0.63 -28.09	36.13 2.58 0.00	23.92 1.37 -4.81	21.47 -0.17 -23.82
CE_MILLWOOD___DRP 24193	19.85 -0.01 -20.01	17.54 0.09 -16.05	17.23 -0.05 -18.07	16.98 0.05 -16.13	18.34 0.25 -14.16	20.28 0.45 -13.20	20.98 0.24 -17.27	24.76 0.56 -15.90	26.36 0.59 -17.60	27.45 1.82 -0.62	25.07 0.35 -20.08	22.56 0.11 -20.98	20.79 -0.04 -21.32	18.21 -0.05 -18.79	25.59 -0.31 -29.47	57.55 -0.90 -69.23	55.66 -0.41 -61.13	27.62 0.45 -21.51	23.31 0.38 -18.18	33.34 -0.07 -34.24	36.48 0.62 -28.00	36.06 2.52 0.00	23.87 1.34 -4.79	21.40 -0.17 -23.74
CE_NYC2_DRP 24202	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.26 -17.34	24.88 0.62 -15.96	26.51 0.68 -17.66	27.71 2.08 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.69 -1.01 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.07 -34.37	36.68 0.69 -28.13	36.33 2.78 0.00	24.05 1.50 -4.82	21.50 -0.18 -23.86
CE_NYC_DRP 24195	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.38 0.49 -13.25	21.07 0.26 -17.34	24.88 0.62 -15.96	26.51 0.67 -17.66	27.72 2.09 -0.62	25.20 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.69 -1.01 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.33 2.78 0.00	24.05 1.50 -4.82	21.49 -0.19 -23.86
CHAFFEE___LFGE 323603	3.46 0.00 -3.61	4.26 -0.03 -2.90	2.47 0.00 -3.26	3.68 -0.02 -2.91	6.40 -0.09 -2.55	7.45 -0.20 -1.02	6.49 -0.11 -3.13	10.84 -0.33 -2.88	11.03 -0.33 -3.19	24.22 -0.91 -0.12	8.12 -0.17 -3.64	5.21 -0.06 -3.80	3.40 0.02 -3.86	2.90 0.02 -3.41	3.93 0.17 -7.32	2.42 0.48 -12.73	6.58 0.09 -11.55	9.22 -0.25 -3.81	7.73 -0.26 -3.23	5.29 0.04 -6.08	13.88 -0.40 -6.42	42.02 -1.48 -9.95	19.91 -1.07 -3.24	2.13 0.06 -4.25
CHATEAUG_35_KV_LOAD 355732	-22.52 0.01 22.38	-4.58 -0.07 5.91	-0.75 0.04 0.00	0.76 -0.03 0.00	3.78 -0.15 0.00	6.38 -0.25 0.00	3.36 -0.11 0.00	8.03 -0.26 0.00	7.93 -0.24 0.00	24.33 -0.68 0.00	4.49 -0.16 0.00	1.40 -0.06 0.00	-3.69 0.02 3.22	-20.36 0.03 19.85	-21.02 0.04 17.50	-22.31 0.04 11.57	-14.67 -0.02 9.60	5.71 0.05 0.00	4.71 -0.04 0.00	-0.82 0.01 0.00	7.94 0.08 0.00	33.73 0.18 0.00	17.72 -0.02 0.00	-2.16 0.01 0.00
CHATEAUG_WT_PWR 323614	-21.00 0.01 20.86	-4.19 -0.08 5.51	-0.75 0.05 0.00	0.75 -0.03 0.00	3.77 -0.16 0.00	6.38 -0.26 0.00	3.35 -0.12 0.00	8.03 -0.27 0.00	7.93 -0.24 0.00	24.32 -0.69 0.00	4.49 -0.16 0.00	1.40 -0.06 0.00	-3.75 0.02 3.28	-20.74 0.03 20.24	-21.38 0.03 17.84	-22.58 -0.01 11.79	-14.88 -0.03 9.79	5.72 0.06 0.00	4.72 -0.03 0.00	-0.82 0.01 0.00	7.95 0.10 0.00	33.74 0.19 0.00	17.72 -0.01 0.00	-2.16 0.01 0.00
CHAT_HIGH_FALL_HYD 323578	-22.52 0.01 22.38	-4.58 -0.07 5.91	-0.75 0.04 0.00	0.76 -0.03 0.00	3.78 -0.15 0.00	6.38 -0.25 0.00	3.36 -0.12 0.00	8.03 -0.26 0.00	7.93 -0.24 0.00	24.33 -0.68 0.00	4.49 -0.16 0.00	1.40 -0.06 0.00	-3.69 0.02 3.22	-20.35 0.03 19.85	-21.02 0.04 17.50	-22.31 0.04 11.57	-14.67 -0.01 9.60	5.71 0.05 0.00	4.71 -0.04 0.00	-0.82 0.01 0.00	7.94 0.08 0.00	33.72 0.17 0.00	17.72 -0.02 0.00	-2.16 0.01 0.00
CHAUTAUQUA___LFGE 323629	3.41 0.00 -3.56	4.21 -0.04 -2.85	2.42 0.01 -3.22	3.63 -0.03 -2.87	6.33 -0.12 -2.52	7.20 -0.25 -0.82	6.43 -0.14 -3.09	10.70 -0.43 -2.85	10.96 -0.37 -3.15	24.16 -0.97 -0.12	8.06 -0.19 -3.59	5.15 -0.07 -3.75	3.35 0.02 -3.82	2.85 0.02 -3.36	3.76 0.19 -7.13	2.29 0.50 -12.57	6.43 0.09 -11.39	9.17 -0.27 -3.77	7.67 -0.28 -3.20	5.23 0.04 -6.03	14.12 -0.42 -6.68	44.38 -1.29 -12.12	20.46 -1.02 -3.75	2.09 0.06 -4.21
CHERRYST_13_KV_LD 356241	19.92 -0.01 -20.08	17.61 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.43 0.28 -14.21	20.40 0.51 -13.25	21.08 0.27 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.82 2.19 -0.62	25.22 0.42 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.37 -29.57	57.64 -1.06 -69.49	55.82 -0.48 -61.35	27.78 0.53 -21.59	23.44 0.44 -18.25	33.46 -0.08 -34.37	36.69 0.70 -28.13	36.43 2.88 0.00	24.10 1.55 -4.82	21.49 -0.19 -23.86
CHESTROR_138KV_BK263 355645	18.31 -0.01 -18.46	16.30 0.08 -14.81	15.83 -0.05 -16.68	15.73 0.04 -14.89	17.23 0.23 -13.07	19.23 0.41 -12.18	19.63 0.22 -15.94	23.49 0.52 -14.68	24.94 0.53 -16.24	27.17 1.59 -0.57	23.48 0.30 -18.53	20.93 0.10 -19.36	19.15 -0.03 -19.67	16.77 -0.04 -17.34	23.36 -0.27 -27.19	52.31 -0.80 -63.89	51.00 -0.37 -56.42	25.94 0.41 -19.87	21.94 0.35 -16.83	30.76 -0.05 -31.65	34.55 0.55 -26.14	35.80 2.25 0.00	23.40 1.19 -4.48	19.84 -0.15 -22.17
CH_MIDHUDSON___DRP 24192	20.04 -0.01 -20.20	17.69 0.09 -16.20	17.40 -0.05 -18.25	17.13 0.05 -16.29	18.47 0.24 -14.30	20.39 0.42 -13.33	21.14 0.22 -17.44	24.88 0.53 -16.06	26.49 0.55 -17.77	27.30 1.66 -0.63	25.24 0.32 -20.27	22.75 0.10 -21.18	21.00 -0.04 -21.53	18.40 -0.05 -18.97	25.91 -0.28 -29.75	58.28 -0.83 -69.90	56.28 -0.38 -61.72	27.82 0.43 -21.73	23.50 0.37 -18.38	33.70 -0.06 -34.60	36.90 0.60 -28.44	35.98 2.43 0.00	23.89 1.28 -4.87	21.78 -0.16 -24.12
CH_MISC_IPPS 23765	19.71 -0.01 -19.87	17.44 0.09 -15.94	17.10 -0.05 -17.95	16.87 0.06 -16.02	18.26 0.26 -14.07	20.22 0.47 -13.11	20.88 0.25 -17.16	24.68 0.59 -15.80	26.26 0.61 -17.48	27.47 1.85 -0.62	24.95 0.35 -19.94	22.42 0.11 -20.84	20.64 -0.04 -21.18	18.08 -0.05 -18.66	25.39 -0.31 -29.27	57.05 -0.93 -68.76	55.23 -0.43 -60.72	27.52 0.48 -21.38	23.25 0.41 -18.09	33.14 -0.07 -34.04	36.55 0.68 -28.01	36.29 2.74 0.00	23.97 1.44 -4.79	21.40 -0.18 -23.75
CH_RES_BVR_FALLS 23983	-23.09 0.01 22.95	-32.21 -0.07 33.54	-26.07 0.04 25.31	-15.62 -0.04 16.37	-21.81 -0.19 25.55	6.32 -0.31 0.00	3.32 -0.15 0.00	7.96 -0.33 0.00	7.84 -0.33 0.00	24.07 -0.94 0.00	4.48 -0.17 0.00	1.42 -0.05 0.00	-6.71 0.02 6.24	-39.01 0.02 38.50	-37.52 0.17 34.13	-34.25 0.53 24.00	-23.42 0.26 18.63	5.44 -0.22 0.00	4.63 -0.12 0.00	-0.82 0.02 0.00	7.58 -0.28 0.00	32.41 -1.14 0.00	17.25 -0.48 0.00	-2.11 0.07 0.00

CH_RES_NIAGARA 23895	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.93	3.35 -0.05 -2.62	6.01 -0.21 -2.30	7.06 -0.42 -0.85	6.03 -0.25 -2.81	10.14 -0.74 -2.59	10.32 -0.71 -2.87	22.89 -2.22 -0.10	7.54 -0.38 -3.27	4.76 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	3.18 0.30 -6.44	1.54 0.86 -11.46	5.56 0.25 -10.37	8.64 -0.46 -3.44	7.23 -0.45 -2.92	4.74 0.07 -5.50	12.19 -0.77 -5.10	34.56 -3.05 -4.05	17.59 -1.89 -1.74	1.82 0.15 -3.84
CH_RES_SYRACUSE 23985	2.16 0.00 -2.31	3.23 -0.02 -1.85	1.30 0.01 -2.08	2.64 -0.01 -1.86	5.51 -0.05 -1.63	8.07 -0.08 -1.52	5.42 -0.04 -1.99	10.02 -0.10 -1.83	10.08 -0.11 -2.02	24.72 -0.36 -0.07	6.89 -0.07 -2.31	3.85 -0.02 -2.41	1.97 0.01 -2.45	1.64 0.01 -2.16	-0.14 0.05 -3.38	-2.72 0.13 -7.93	2.00 0.03 -7.02	8.20 -0.02 -2.55	6.97 -0.02 -2.24	3.38 0.00 -4.21	11.28 -0.04 -3.46	33.35 -0.20 0.00	18.15 -0.18 -0.59	0.77 0.01 -2.94
CLINTON_WT_PWR 323605	-21.00 0.01 20.86	-4.19 -0.08 5.51	-0.75 0.05 0.00	0.75 -0.03 0.00	3.77 -0.16 0.00	6.38 -0.26 0.00	3.35 -0.12 0.00	8.03 -0.27 0.00	7.93 -0.24 0.00	24.32 -0.69 0.00	4.49 -0.16 0.00	1.40 -0.06 0.00	-3.75 0.02 3.28	-20.74 0.03 20.24	-21.38 0.03 17.84	-22.58 -0.01 11.79	-14.88 -0.03 9.79	5.72 0.06 0.00	4.72 -0.03 0.00	-0.82 0.01 0.00	7.95 0.10 0.00	33.74 0.19 0.00	17.72 -0.01 0.00	-2.16 0.01 0.00
CLINTON___LFGE 323618	-21.40 0.00 21.26	-4.28 -0.07 5.62	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.44 -0.19 0.00	3.40 -0.08 0.00	8.14 -0.15 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.74 0.02 3.27	-20.65 0.02 20.14	-21.33 -0.01 17.75	-22.66 -0.14 11.73	-14.90 -0.10 9.74	5.79 0.13 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.88 0.14 0.00	-2.19 -0.01 0.00
COBBLENY_34_KV_TB1 80064	3.46 0.00 -3.61	4.26 -0.04 -2.90	2.47 0.00 -3.26	3.68 -0.02 -2.91	6.40 -0.09 -2.55	7.46 -0.20 -1.02	6.49 -0.11 -3.13	10.84 -0.34 -2.88	11.02 -0.34 -3.19	24.21 -0.92 -0.12	8.11 -0.17 -3.64	5.21 -0.06 -3.80	3.40 0.02 -3.86	2.90 0.02 -3.41	1.83 0.17 -5.22	1.76 0.49 -12.05	5.74 0.08 -10.71	9.24 -0.23 -3.81	7.72 -0.26 -3.23	5.29 0.04 -6.08	13.88 -0.40 -6.42	41.99 -1.51 -9.95	19.94 -1.03 -3.24	2.13 0.06 -4.25
COFFEEN___115KV_TB3 355620	2.11 0.01 -2.25	2.62 -0.06 -1.28	0.38 0.03 -1.15	1.78 -0.04 -1.02	4.66 -0.16 -0.90	7.23 -0.24 -0.84	4.46 -0.11 -1.09	9.02 -0.28 -1.01	8.96 -0.33 -1.11	23.91 -1.14 -0.04	5.67 -0.25 -1.27	2.71 -0.08 -1.33	0.28 0.04 -0.73	-3.11 0.04 2.62	-4.82 0.24 1.50	-8.07 0.58 -2.14	-2.91 0.19 -1.96	6.84 -0.15 -1.33	5.88 -0.01 -1.14	1.31 0.00 -2.14	9.54 -0.08 -1.76	33.37 -0.18 0.00	18.06 0.02 -0.30	-0.65 0.04 -1.49
COLDSPRG_115KV_BK1 355956	3.62 0.00 -3.77	4.43 0.01 -3.02	2.59 -0.02 -3.41	3.83 0.00 -3.04	6.64 0.04 -2.67	8.37 0.05 -1.69	6.75 0.02 -3.26	11.27 -0.02 -3.00	11.51 0.02 -3.32	25.47 0.34 -0.13	8.46 0.02 -3.78	5.41 -0.01 -3.95	3.53 0.00 -4.02	3.01 0.00 -3.54	1.90 0.04 -5.42	1.84 0.12 -12.50	5.99 -0.08 -11.12	9.56 -0.06 -3.95	7.98 -0.12 -3.36	5.49 0.01 -6.31	14.18 -0.15 -6.47	42.37 -0.13 -8.95	20.42 -0.34 -3.03	2.21 -0.02 -4.41
COLONIE_LFGE___ 323577	24.32 -0.01 -24.48	21.09 0.06 -19.64	21.29 -0.03 -22.12	20.56 0.03 -19.74	21.42 0.16 -17.33	23.05 0.26 -16.15	24.76 0.14 -21.15	28.09 0.32 -19.48	30.04 0.31 -21.55	26.67 0.90 -0.76	29.41 0.17 -24.59	27.21 0.05 -25.69	25.60 -0.02 -26.11	22.46 -0.02 -23.01	32.39 -0.13 -36.08	73.59 -0.39 -84.77	69.58 -0.18 -74.82	32.19 0.21 -26.32	27.19 0.16 -22.27	41.05 -0.03 -41.91	42.62 0.31 -34.44	34.90 1.35 0.00	24.34 0.71 -5.90	26.95 -0.09 -29.21
COOPERNY_115KV_TB1 80082	13.24 -0.01 -13.39	12.20 0.05 -10.74	11.28 -0.03 -12.10	11.62 0.03 -10.80	13.55 0.14 -9.48	15.72 0.25 -8.84	15.17 0.13 -11.57	19.26 0.31 -10.65	20.28 0.32 -11.78	26.40 0.98 -0.42	18.28 0.18 -13.44	15.57 0.06 -14.05	13.76 -0.02 -14.27	12.03 -0.02 -12.58	16.01 -0.16 -19.73	35.11 -0.48 -46.37	35.69 -0.22 -40.97	20.34 0.24 -14.44	17.18 0.21 -12.23	22.13 -0.04 -22.99	27.19 0.35 -18.97	34.97 1.42 0.00	21.73 0.75 -3.25	13.82 -0.09 -16.09
COPENHAGEN_WT_PWR 323753	2.10 0.01 -2.24	2.61 -0.08 -1.30	0.43 0.05 -1.18	1.80 -0.05 -1.05	4.62 -0.24 -0.93	7.12 -0.37 -0.86	4.42 -0.18 -1.13	8.90 -0.43 -1.04	8.86 -0.46 -1.15	23.55 -1.50 -0.04	5.65 -0.31 -1.31	2.74 -0.10 -1.37	0.36 0.04 -0.81	-2.85 0.05 2.37	-4.53 0.28 1.25	-7.66 0.72 -2.40	-2.60 0.28 -2.18	6.79 -0.24 -1.37	5.85 -0.07 -1.17	1.39 0.02 -2.21	9.46 -0.22 -1.82	32.85 -0.70 0.00	17.82 -0.23 -0.31	-0.56 0.07 -1.54
CORNELL___ 23752	4.33 0.00 -4.49	5.01 0.01 -3.60	3.25 -0.01 -4.05	4.41 0.00 -3.62	7.15 0.04 -3.17	10.20 0.08 -3.48	7.39 0.06 -3.86	11.97 0.12 -3.56	12.19 0.08 -3.93	25.31 0.16 -0.14	9.15 0.01 -4.49	6.16 0.00 -4.69	4.28 0.00 -4.77	3.67 0.00 -4.20	3.03 -0.01 -6.60	4.69 -0.05 -15.53	8.78 -0.06 -13.89	10.73 0.09 -4.98	9.07 0.09 -4.23	7.10 -0.02 -7.95	14.58 0.17 -6.55	34.17 0.62 0.00	19.11 0.25 -1.12	3.33 -0.04 -5.55
CORONA_AV_69_KV_TB1 355595	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.32 -14.22	20.46 0.57 -13.25	21.11 0.29 -17.34	24.89 0.63 -15.97	26.56 0.73 -17.67	27.86 2.23 -0.62	25.25 0.44 -20.16	23.02 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.14 -0.36 -30.06	57.98 -0.91 -69.68	56.39 -0.41 -61.86	27.91 0.44 -21.81	23.57 0.40 -18.42	33.73 -0.08 -34.65	36.73 0.73 -28.14	36.52 2.97 0.00	24.18 1.63 -4.82	21.47 -0.22 -23.86
CORTLAND_115KV_TB3 80093	3.55 0.00 -3.70	4.37 0.00 -2.97	2.54 0.00 -3.34	3.78 0.00 -2.98	6.57 0.02 -2.62	9.12 0.04 -2.44	6.69 0.03 -3.19	11.29 0.06 -2.94	11.46 0.04 -3.25	25.18 0.06 -0.11	8.36 0.00 -3.71	5.34 0.00 -3.88	3.45 0.00 -3.94	2.95 0.00 -3.47	1.89 0.00 -5.46	2.03 -0.03 -12.84	6.42 -0.04 -11.51	9.85 0.06 -4.14	8.32 0.06 -3.51	5.76 -0.02 -6.60	13.40 0.10 -5.43	33.91 0.36 0.00	18.80 0.13 -0.93	2.41 -0.03 -4.61
COXSACKIE___GT 23611	22.58 -0.01 -22.74	19.75 0.10 -18.24	19.69 -0.06 -20.55	19.19 0.06 -18.34	20.32 0.29 -16.10	22.13 0.49 -15.01	23.36 0.26 -19.63	26.98 0.62 -18.07	28.72 0.55 -20.00	27.12 1.41 -0.71	27.70 0.24 -22.81	25.38 0.08 -23.84	23.71 -0.02 -24.23	20.79 -0.02 -21.34	29.74 -0.18 -33.48	67.28 -0.59 -78.66	64.10 -0.29 -69.44	30.50 0.38 -24.45	25.78 0.33 -20.69	38.05 -0.06 -38.95	40.52 0.64 -32.02	36.28 2.73 0.00	24.59 1.37 -5.48	24.82 -0.16 -27.15
CPV_VALLEY___CC1 323721	18.46 -0.01 -18.61	16.41 0.08 -14.93	15.97 -0.05 -16.82	15.84 0.04 -15.01	17.32 0.22 -13.18	19.31 0.39 -12.28	19.75 0.20 -16.07	23.58 0.49 -14.80	25.06 0.52 -16.37	27.14 1.56 -0.58	23.63 0.30 -18.68	21.08 0.10 -19.52	19.31 -0.04 -19.83	16.91 -0.04 -17.48	23.58 -0.27 -27.41	52.85 -0.78 -64.41	51.46 -0.36 -56.88	26.09 0.40 -20.03	22.06 0.34 -16.98	31.03 -0.06 -31.92	34.80 0.55 -26.39	35.78 2.23 0.00	23.44 1.19 -4.52	20.05 -0.15 -22.38

CPV_VALLEY__CC2 323722	18.46 -0.01 -18.61	16.41 0.08 -14.93	15.97 -0.05 -16.82	15.84 0.04 -15.01	17.32 0.22 -13.18	19.31 0.39 -12.28	19.75 0.20 -16.07	23.58 0.49 -14.80	25.06 0.52 -16.37	27.14 1.56 -0.58	23.63 0.30 -18.68	21.08 0.10 -19.52	19.31 -0.04 -19.83	16.91 -0.04 -17.48	23.58 -0.27 -27.41	52.85 -0.78 -64.41	51.46 -0.36 -56.88	26.09 0.40 -20.03	22.06 0.34 -16.98	31.03 -0.06 -31.92	34.80 0.55 -26.39	35.78 2.23 0.00	23.44 1.19 -4.52	20.05 -0.15 -22.38
CRESCENT__HYD 24018	24.32 -0.01 -24.48	21.09 0.06 -19.64	21.29 -0.03 -22.12	20.56 0.03 -19.74	21.42 0.16 -17.33	23.05 0.26 -16.15	24.76 0.14 -21.15	28.09 0.32 -19.48	30.04 0.31 -21.55	26.67 0.90 -0.76	29.41 0.17 -24.59	27.21 0.05 -25.69	25.60 -0.02 -26.11	22.46 -0.02 -23.01	32.39 -0.13 -36.08	73.59 -0.39 -84.77	69.58 -0.18 -74.82	32.19 0.21 -26.32	27.19 0.16 -22.27	41.05 -0.03 -41.91	42.62 0.31 -34.44	34.90 1.35 0.00	24.34 0.71 -5.90	26.95 -0.09 -29.21
CRICKET__VALLEY_CC1 323756	20.76 -0.01 -20.92	18.25 0.07 -16.78	18.06 -0.04 -18.90	17.70 0.04 -16.87	18.93 0.19 -14.81	20.78 0.34 -13.80	21.71 0.17 -18.06	25.33 0.41 -16.63	27.01 0.43 -18.40	26.93 1.27 -0.65	25.90 0.26 -21.00	23.49 0.09 -21.94	21.78 -0.03 -22.29	19.08 -0.03 -19.65	27.03 -0.22 -30.81	60.95 -0.66 -72.39	58.57 -0.29 -63.92	28.50 0.34 -22.50	24.07 0.29 -19.03	34.94 -0.05 -35.82	37.75 0.48 -29.41	35.47 1.92 0.00	23.80 1.03 -5.04	22.64 -0.13 -24.94
CRICKET__VALLEY_CC2 323757	20.76 -0.01 -20.92	18.25 0.07 -16.78	18.06 -0.04 -18.90	17.70 0.04 -16.87	18.93 0.19 -14.81	20.78 0.34 -13.80	21.71 0.17 -18.06	25.33 0.41 -16.63	27.01 0.43 -18.40	26.93 1.27 -0.65	25.90 0.26 -21.00	23.49 0.09 -21.94	21.78 -0.03 -22.29	19.08 -0.03 -19.65	27.03 -0.22 -30.81	60.95 -0.66 -72.39	58.57 -0.29 -63.92	28.50 0.34 -22.50	24.07 0.29 -19.03	34.94 -0.05 -35.82	37.75 0.48 -29.41	35.47 1.92 0.00	23.80 1.03 -5.04	22.64 -0.13 -24.94
CRICKET__VALLEY_CC3 323758	20.76 -0.01 -20.92	18.25 0.07 -16.78	18.06 -0.04 -18.90	17.70 0.04 -16.87	18.93 0.19 -14.81	20.78 0.34 -13.80	21.71 0.17 -18.06	25.33 0.41 -16.63	27.01 0.43 -18.40	26.93 1.27 -0.65	25.90 0.26 -21.00	23.49 0.09 -21.94	21.78 -0.03 -22.29	19.08 -0.03 -19.65	27.03 -0.22 -30.81	60.95 -0.66 -72.39	58.57 -0.29 -63.92	28.50 0.34 -22.50	24.07 0.29 -19.03	34.94 -0.05 -35.82	37.75 0.48 -29.41	35.47 1.92 0.00	23.80 1.03 -5.04	22.64 -0.13 -24.94
CRUCIBLE_METL_DRP 24180	2.16 0.00 -2.31	3.23 -0.02 -1.85	1.30 0.01 -2.08	2.64 -0.01 -1.86	5.51 -0.05 -1.63	8.07 -0.09 -1.52	5.42 -0.04 -1.99	10.02 -0.10 -1.83	10.08 -0.11 -2.02	24.72 -0.36 -0.07	6.89 -0.07 -2.31	3.85 -0.02 -2.41	1.97 0.01 -2.45	1.64 0.01 -2.16	-0.14 0.05 -3.38	-2.72 0.13 -7.93	1.99 0.03 -7.02	8.20 -0.01 -2.55	6.97 -0.02 -2.24	3.38 0.00 -4.21	11.28 -0.04 -3.46	33.35 -0.20 0.00	18.16 -0.17 -0.59	0.77 0.01 -2.94
DAHOWA__HYDRO 323763	24.75 -0.01 -24.90	21.43 0.05 -19.97	21.67 -0.03 -22.50	20.90 0.03 -20.08	21.71 0.16 -17.63	23.34 0.27 -16.43	25.15 0.15 -21.53	28.48 0.36 -19.82	30.44 0.33 -21.94	26.71 0.93 -0.78	29.85 0.17 -25.02	27.67 0.05 -26.15	26.07 -0.02 -26.57	22.87 -0.02 -23.41	33.04 -0.12 -36.72	75.08 -0.41 -86.27	70.88 -0.20 -76.14	32.68 0.25 -26.77	27.60 0.20 -22.65	41.76 -0.03 -42.63	43.29 0.39 -35.03	35.14 1.59 0.00	24.52 0.79 -6.00	27.44 -0.10 -29.71
DANC__LFGE 323619	2.04 0.00 -2.18	2.74 -0.07 -1.40	0.62 0.03 -1.39	1.99 -0.04 -1.24	4.83 -0.19 -1.09	7.35 -0.29 -1.01	4.65 -0.14 -1.32	9.17 -0.34 -1.22	9.15 -0.37 -1.35	23.87 -1.18 -0.05	5.95 -0.24 -1.54	3.00 -0.08 -1.61	0.78 0.03 -1.24	-1.49 0.03 0.99	-3.24 0.21 -0.11	-6.37 0.56 -3.86	-1.44 0.21 -3.41	7.06 -0.21 -1.60	6.02 -0.10 -1.37	1.77 0.02 -2.58	9.76 -0.22 -2.12	32.76 -0.79 0.00	17.75 -0.35 -0.36	-0.31 0.06 -1.80
DANSKAMMER__1 23586	19.71 -0.01 -19.87	17.44 0.09 -15.94	17.10 -0.05 -17.95	16.87 0.06 -16.02	18.26 0.26 -14.07	20.22 0.47 -13.11	20.88 0.25 -17.16	24.68 0.59 -15.80	26.26 0.61 -17.48	27.47 1.85 -0.62	24.95 0.35 -19.94	22.42 0.11 -20.84	20.64 -0.04 -21.18	18.08 -0.05 -18.66	25.39 -0.31 -29.27	57.05 -0.93 -68.76	55.23 -0.43 -60.72	27.52 0.48 -21.38	23.25 0.41 -18.09	33.14 -0.07 -34.04	36.55 0.68 -28.01	36.29 2.74 0.00	23.97 1.44 -4.79	21.40 -0.18 -23.75
DANSKAMMER__2 23589	19.71 -0.01 -19.87	17.44 0.09 -15.94	17.10 -0.05 -17.95	16.87 0.06 -16.02	18.26 0.26 -14.07	20.22 0.47 -13.11	20.88 0.25 -17.16	24.68 0.59 -15.80	26.26 0.61 -17.48	27.47 1.85 -0.62	24.95 0.35 -19.94	22.42 0.11 -20.84	20.64 -0.04 -21.18	18.08 -0.05 -18.66	25.39 -0.31 -29.27	57.05 -0.93 -68.76	55.23 -0.43 -60.72	27.52 0.48 -21.38	23.25 0.41 -18.09	33.14 -0.07 -34.04	36.55 0.68 -28.01	36.29 2.74 0.00	23.97 1.44 -4.79	21.40 -0.18 -23.75
DANSKAMMER__3 23590	19.71 -0.01 -19.87	17.44 0.09 -15.94	17.10 -0.05 -17.95	16.87 0.06 -16.02	18.26 0.26 -14.07	20.22 0.47 -13.11	20.88 0.25 -17.16	24.68 0.59 -15.80	26.26 0.61 -17.48	27.47 1.85 -0.62	24.95 0.35 -19.94	22.42 0.11 -20.84	20.64 -0.04 -21.18	18.08 -0.05 -18.66	25.39 -0.31 -29.27	57.05 -0.93 -68.76	55.23 -0.43 -60.72	27.52 0.48 -21.38	23.25 0.41 -18.09	33.14 -0.07 -34.04	36.55 0.68 -28.01	36.29 2.74 0.00	23.97 1.44 -4.79	21.40 -0.18 -23.75
DANSKAMMER__4 23591	19.71 -0.01 -19.87	17.44 0.09 -15.94	17.10 -0.05 -17.95	16.87 0.06 -16.02	18.26 0.26 -14.07	20.22 0.47 -13.11	20.88 0.25 -17.16	24.68 0.59 -15.80	26.26 0.61 -17.48	27.47 1.85 -0.62	24.95 0.35 -19.94	22.42 0.11 -20.84	20.64 -0.04 -21.18	18.08 -0.05 -18.66	25.39 -0.31 -29.27	57.05 -0.93 -68.76	55.23 -0.43 -60.72	27.52 0.48 -21.38	23.25 0.41 -18.09	33.14 -0.07 -34.04	36.55 0.68 -28.01	36.29 2.74 0.00	23.97 1.44 -4.79	21.40 -0.18 -23.75
DANSKAMMER__DIESEL 23592	19.71 -0.01 -19.87	17.44 0.10 -15.94	17.10 -0.05 -17.95	16.87 0.06 -16.02	18.26 0.26 -14.07	20.22 0.47 -13.11	20.88 0.25 -17.16	24.68 0.59 -15.80	26.26 0.61 -17.48	27.48 1.85 -0.62	24.95 0.35 -19.94	22.42 0.11 -20.84	20.64 -0.04 -21.18	18.08 -0.05 -18.66	25.39 -0.31 -29.27	57.05 -0.93 -68.76	55.23 -0.43 -60.72	27.52 0.48 -21.38	23.25 0.41 -18.09	33.14 -0.07 -34.04	36.54 0.67 -28.01	36.29 2.74 0.00	23.96 1.43 -4.79	21.40 -0.18 -23.75
DARBY__SOLAR 323810	24.69 -0.01 -24.84	21.38 0.05 -19.93	21.61 -0.03 -22.44	20.85 0.03 -20.03	21.67 0.16 -17.58	23.30 0.27 -16.39	25.09 0.15 -21.47	28.43 0.36 -19.77	30.39 0.34 -21.88	26.73 0.95 -0.77	29.79 0.18 -24.96	27.60 0.06 -26.08	26.00 -0.02 -26.51	22.81 -0.02 -23.36	32.94 -0.13 -36.63	74.85 -0.42 -86.06	70.69 -0.21 -75.95	32.61 0.24 -26.70	27.55 0.20 -22.59	41.66 -0.03 -42.53	43.19 0.38 -34.95	35.12 1.57 0.00	24.50 0.78 -5.98	27.37 -0.10 -29.64
DASHVILLE__HYD 23610	19.80 -0.01 -19.96	17.50 0.08 -16.01	17.19 -0.05 -18.03	16.94 0.04 -16.10	18.30 0.24 -14.13	20.23 0.43 -13.17	20.93 0.23 -17.23	24.68 0.52 -15.87	26.29 0.56 -17.56	27.41 1.78 -0.62	25.01 0.33 -20.03	22.50 0.11 -20.93	20.74 -0.04 -21.27	18.16 -0.05 -18.74	25.52 -0.31 -29.40	57.38 -0.91 -69.06	55.53 -0.39 -60.98	27.60 0.47 -21.47	23.32 0.40 -18.17	33.29 -0.07 -34.20	36.66 0.66 -28.14	36.20 2.66 0.00	23.92 1.37 -4.82	21.53 -0.17 -23.87

DEERFIELD_69_KV_DEERFIELD LD 355887	19.92 -0.01 -20.08	17.66 0.15 -16.11	17.27 -0.08 -18.14	17.07 0.08 -16.20	18.61 0.46 -14.22	20.71 0.83 -13.25	21.24 0.43 -17.34	25.25 0.99 -15.97	26.92 1.08 -17.67	28.83 3.20 -0.62	25.43 0.63 -20.16	23.08 0.20 -21.41	24.82 -0.07 -25.38	23.50 -0.08 -24.11	26.00 -0.50 -30.06	57.44 -1.28 -69.50	55.69 -0.61 -61.36	27.90 0.64 -21.60	23.61 0.60 -18.25	33.42 -0.13 -34.38	37.11 1.11 -28.14	38.02 4.47 0.00	24.98 2.43 -4.82	21.37 -0.32 -23.86
DELAWARE___LFGE 323621	7.70 -0.01 -7.85	7.74 0.04 -6.30	6.27 -0.02 -7.10	7.15 0.02 -6.34	9.61 0.11 -5.56	12.02 0.20 -5.18	10.37 0.11 -6.79	14.81 0.26 -6.25	15.35 0.26 -6.92	26.03 0.78 -0.24	12.68 0.14 -7.89	9.76 0.04 -8.25	7.87 -0.02 -8.38	6.84 -0.02 -7.38	7.92 -0.11 -11.60	16.14 -0.35 -27.27	18.97 -0.16 -24.18	14.40 0.18 -8.55	12.14 0.15 -7.23	12.75 -0.03 -13.61	19.33 0.27 -11.20	34.64 1.09 0.00	20.22 0.56 -1.92	7.25 -0.07 -9.50
DERFIELD_115KV_TB7 355931	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.93 0.00 0.00	6.63 0.00 0.00	3.47 0.00 0.00	8.29 0.00 0.00	8.17 0.00 0.00	25.00 0.00 0.00	4.65 0.00 0.00	1.47 0.00 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.81 0.00 -0.75	-10.29 0.00 -0.50	-4.65 -0.01 -0.41	5.66 0.00 0.00	4.75 0.00 0.00	-0.83 0.00 0.00	7.87 0.01 0.00	33.58 0.03 0.00	17.75 0.02 0.00	-2.18 0.00 0.00
DOGLEVILLE___HYD 23807	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.92 0.00 0.00	6.63 -0.01 0.00	3.48 0.01 0.00	8.29 0.00 0.00	8.14 -0.03 0.00	24.86 -0.15 0.00	4.63 -0.02 0.00	1.45 -0.01 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.78 0.03 -0.75	-10.22 0.07 -0.50	-4.64 0.00 -0.41	5.60 -0.06 0.00	4.72 -0.03 0.00	-0.83 0.00 0.00	7.93 0.07 0.00	33.72 0.17 0.00	17.80 0.07 0.00	-2.19 -0.01 0.00
DUNKIRK___115KV_TB_200 55889	3.40 0.00 -3.55	4.20 -0.04 -2.85	2.42 0.01 -3.21	3.63 -0.02 -2.86	6.33 -0.12 -2.51	7.17 -0.25 -0.78	6.42 -0.14 -3.09	10.71 -0.43 -2.84	10.93 -0.38 -3.14	24.12 -1.01 -0.12	8.04 -0.19 -3.58	5.15 -0.07 -3.75	3.34 0.02 -3.81	2.85 0.02 -3.36	1.78 0.19 -5.15	1.64 0.51 -11.91	5.62 0.09 -10.59	9.18 -0.25 -3.77	7.67 -0.28 -3.20	5.22 0.04 -6.01	14.12 -0.43 -6.69	44.39 -1.40 -12.24	20.49 -1.02 -3.78	2.08 0.06 -4.20
DUNKIRK___1 23563	3.40 0.00 -3.55	4.20 -0.04 -2.85	2.42 0.01 -3.21	3.63 -0.02 -2.86	6.33 -0.12 -2.51	7.17 -0.25 -0.78	6.42 -0.14 -3.09	10.71 -0.43 -2.84	10.93 -0.38 -3.14	24.12 -1.01 -0.12	8.04 -0.19 -3.58	5.15 -0.07 -3.75	3.34 0.02 -3.81	2.85 0.02 -3.36	1.78 0.19 -5.15	1.64 0.51 -11.91	5.62 0.09 -10.59	9.18 -0.25 -3.77	7.67 -0.28 -3.20	5.22 0.04 -6.01	14.12 -0.43 -6.69	44.39 -1.40 -12.24	20.49 -1.02 -3.78	2.08 0.06 -4.20
DUNKIRK___2 23564	3.40 0.00 -3.55	4.20 -0.04 -2.85	2.42 0.01 -3.21	3.63 -0.02 -2.86	6.33 -0.12 -2.51	7.17 -0.25 -0.78	6.42 -0.14 -3.09	10.71 -0.43 -2.84	10.93 -0.38 -3.14	24.12 -1.01 -0.12	8.04 -0.19 -3.58	5.15 -0.07 -3.75	3.34 0.02 -3.81	2.85 0.02 -3.36	1.78 0.19 -5.15	1.64 0.51 -11.91	5.62 0.09 -10.59	9.18 -0.25 -3.77	7.67 -0.28 -3.20	5.22 0.04 -6.01	14.12 -0.43 -6.69	44.39 -1.40 -12.24	20.49 -1.02 -3.78	2.08 0.06 -4.20
DUNKIRK___3 23565	3.35 0.00 -3.50	4.17 -0.04 -2.81	2.37 0.01 -3.16	3.59 -0.02 -2.83	6.30 -0.11 -2.48	6.99 -0.23 -0.59	6.39 -0.13 -3.05	10.69 -0.40 -2.81	10.91 -0.36 -3.11	24.15 -0.98 -0.12	8.01 -0.19 -3.54	5.10 -0.06 -3.70	3.29 0.02 -3.76	2.80 0.02 -3.31	1.71 0.18 -5.09	1.50 0.50 -11.79	5.51 0.09 -10.47	9.14 -0.24 -3.72	7.64 -0.27 -3.16	5.16 0.04 -5.95	14.18 -0.42 -6.74	45.07 -1.44 -12.96	20.65 -1.03 -3.94	2.03 0.06 -4.15
DUNKIRK___4 23566	3.35 0.00 -3.50	4.17 -0.04 -2.81	2.37 0.01 -3.16	3.59 -0.02 -2.83	6.30 -0.11 -2.48	6.99 -0.23 -0.59	6.39 -0.13 -3.05	10.69 -0.40 -2.81	10.91 -0.36 -3.11	24.15 -0.98 -0.12	8.01 -0.19 -3.54	5.10 -0.06 -3.70	3.29 0.02 -3.76	2.80 0.02 -3.31	1.71 0.18 -5.09	1.50 0.50 -11.79	5.51 0.09 -10.47	9.14 -0.24 -3.72	7.64 -0.27 -3.16	5.16 0.04 -5.95	14.18 -0.42 -6.74	45.07 -1.44 -12.96	20.65 -1.03 -3.94	2.03 0.06 -4.15
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.40 0.26 -14.21	20.35 0.47 -13.25	21.06 0.24 -17.34	24.84 0.59 -15.96	26.46 0.63 -17.66	27.56 1.93 -0.62	25.17 0.37 -20.15	22.64 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.69 -0.33 -29.58	57.76 -0.94 -69.49	55.87 -0.43 -61.35	27.72 0.47 -21.59	23.40 0.40 -18.25	33.47 -0.07 -34.37	36.64 0.65 -28.13	36.19 2.65 0.00	23.96 1.42 -4.82	21.50 -0.18 -23.86
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.17 -0.01 -19.33	17.00 0.09 -15.51	16.62 -0.05 -17.47	16.43 0.05 -15.59	17.86 0.24 -13.68	19.83 0.43 -12.76	20.40 0.23 -16.70	24.21 0.54 -15.37	25.75 0.57 -17.01	27.32 1.71 -0.60	24.38 0.32 -19.40	21.85 0.10 -20.27	20.08 -0.04 -20.60	17.58 -0.05 -18.15	24.62 -0.29 -28.48	55.27 -0.86 -66.91	53.63 -0.40 -59.08	26.90 0.44 -20.80	22.74 0.38 -17.62	32.23 -0.07 -33.14	35.80 0.63 -27.31	36.09 2.55 0.00	23.75 1.34 -4.68	20.82 -0.17 -23.16
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.87 0.62 -15.96	26.50 0.66 -17.66	27.61 1.98 -0.62	25.18 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.68 -0.34 -29.57	57.74 -0.96 -69.49	55.86 -0.43 -61.35	27.73 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.65 0.66 -28.13	36.23 2.68 0.00	24.01 1.46 -4.82	21.50 -0.18 -23.86
E179THST_13_KV_LOAD 356214	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.50 -13.25	21.08 0.27 -17.34	24.91 0.66 -15.96	26.54 0.70 -17.66	27.73 2.09 -0.62	25.21 0.40 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.69 -1.02 -69.49	55.84 -0.46 -61.35	27.76 0.51 -21.59	23.43 0.43 -18.25	33.46 -0.08 -34.37	36.70 0.71 -28.13	36.40 2.85 0.00	24.10 1.54 -4.82	21.49 -0.19 -23.86
EAST HAMPTON___GT 23717	19.92 -0.02 -20.08	17.67 0.16 -16.11	17.26 -0.09 -18.14	17.08 0.09 -16.20	18.65 0.51 -14.22	20.79 0.91 -13.25	21.28 0.46 -17.34	25.35 1.09 -15.97	27.02 1.18 -17.67	29.13 3.50 -0.62	25.48 0.68 -20.16	23.10 0.22 -21.41	24.82 -0.08 -25.38	23.49 -0.09 -24.11	25.96 -0.55 -30.06	57.31 -1.41 -69.50	55.64 -0.67 -61.36	27.99 0.73 -21.60	23.66 0.66 -18.25	33.41 -0.14 -34.38	37.22 1.23 -28.14	38.45 4.90 0.00	25.20 2.64 -4.82	21.35 -0.34 -23.86
EAST RIVER___6 23660	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.38 0.49 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.76 2.13 -0.62	25.21 0.41 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.36 -29.57	57.66 -1.04 -69.49	55.83 -0.47 -61.35	27.77 0.52 -21.59	23.44 0.44 -18.25	33.46 -0.08 -34.37	36.69 0.70 -28.13	36.37 2.83 0.00	24.08 1.53 -4.82	21.49 -0.19 -23.86

EAST RIVER___7 23524	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.38 0.49 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.76 2.13 -0.62	25.21 0.41 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.36 -29.57	57.66 -1.04 -69.49	55.83 -0.47 -61.35	27.77 0.52 -21.59	23.44 0.44 -18.25	33.46 -0.08 -34.37	36.69 0.70 -28.13	36.37 2.83 0.00	24.08 1.53 -4.82	21.49 -0.19 -23.86
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.90 -0.01 -20.06	17.58 0.09 -16.09	17.27 -0.05 -18.12	17.02 0.05 -16.17	18.38 0.26 -14.20	20.33 0.46 -13.23	21.03 0.24 -17.32	24.81 0.57 -15.94	26.42 0.61 -17.64	27.50 1.87 -0.62	25.14 0.36 -20.13	22.62 0.12 -21.03	20.84 -0.04 -21.37	18.26 -0.05 -18.83	25.66 -0.32 -29.54	57.70 -0.92 -69.40	55.80 -0.42 -61.28	27.69 0.46 -21.57	23.37 0.39 -18.22	33.42 -0.07 -34.33	36.58 0.63 -28.09	36.13 2.58 0.00	23.92 1.37 -4.81	21.47 -0.17 -23.82
EAST_HAMPTON___DIESEL 23722	19.92 -0.02 -20.08	17.67 0.16 -16.11	17.26 -0.09 -18.14	17.08 0.09 -16.20	18.65 0.51 -14.22	20.80 0.91 -13.25	21.28 0.46 -17.34	25.35 1.09 -15.97	27.02 1.18 -17.67	29.13 3.50 -0.62	25.49 0.68 -20.16	23.10 0.22 -21.41	24.82 -0.08 -25.38	23.49 -0.09 -24.11	25.96 -0.55 -30.06	57.30 -1.41 -69.50	55.64 -0.67 -61.36	27.99 0.73 -21.60	23.66 0.66 -18.25	33.41 -0.14 -34.38	37.22 1.23 -28.14	38.46 4.90 0.00	25.20 2.65 -4.82	21.35 -0.34 -23.86
EAST_PULASKI___ESR 323781	1.61 0.01 -1.76	2.76 -0.05 -1.41	0.82 0.03 -1.59	2.18 -0.03 -1.42	5.04 -0.13 -1.25	7.58 -0.22 -1.16	4.88 -0.10 -1.52	9.43 -0.26 -1.40	9.44 -0.28 -1.55	24.18 -0.88 -0.05	6.24 -0.17 -1.76	3.25 -0.05 -1.84	1.20 0.02 -1.67	-0.12 0.02 -0.39	-1.95 0.15 -1.47	-5.07 0.39 -5.32	-0.30 0.14 -4.61	7.29 -0.18 -1.81	6.18 -0.12 -1.55	2.11 0.02 -2.92	10.03 -0.23 -2.40	32.64 -0.91 0.00	17.67 -0.48 -0.41	-0.08 0.06 -2.04
EAST_RIVER___1 323558	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.38 0.49 -13.25	21.07 0.26 -17.34	24.88 0.62 -15.96	26.51 0.67 -17.66	27.72 2.09 -0.62	25.20 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.69 -1.01 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.33 2.78 0.00	24.06 1.50 -4.82	21.49 -0.19 -23.86
EAST_RIVER___2 323559	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.38 0.49 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.52 0.68 -17.66	27.76 2.13 -0.62	25.21 0.41 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.36 -29.57	57.66 -1.04 -69.49	55.83 -0.47 -61.35	27.77 0.52 -21.59	23.44 0.44 -18.25	33.46 -0.08 -34.37	36.69 0.70 -28.13	36.37 2.83 0.00	24.08 1.53 -4.82	21.49 -0.19 -23.86
EAST___DELAWARE_HYD 23607	16.84 -0.01 -16.99	15.12 0.09 -13.63	14.51 -0.05 -15.35	14.54 0.05 -13.70	16.21 0.25 -12.03	18.29 0.45 -11.21	18.39 0.24 -14.67	22.32 0.52 -13.51	23.65 0.53 -14.95	27.10 1.57 -0.53	22.00 0.30 -17.05	19.38 0.10 -17.82	17.58 -0.04 -18.11	15.39 -0.04 -15.95	21.28 -0.19 -25.03	47.46 -0.57 -58.81	46.63 -0.25 -51.94	24.25 0.29 -18.29	20.50 0.27 -15.49	28.25 -0.05 -29.13	32.49 0.63 -24.00	36.08 2.53 0.00	23.16 1.32 -4.11	18.02 -0.16 -20.36
EIGHT_POINT___WT_PWR 323820	4.05 0.01 -4.19	4.69 -0.07 -3.36	3.02 0.03 -3.78	4.13 -0.04 -3.38	6.69 -0.20 -2.96	14.10 -0.33 -7.80	6.84 -0.05 -3.42	11.36 -0.08 -3.15	11.64 -0.02 -3.48	25.02 -0.11 -0.12	8.53 -0.10 -3.97	5.58 -0.04 -4.15	3.75 0.02 -4.22	3.22 0.02 -3.72	3.55 0.16 -6.95	3.61 0.49 -13.91	7.59 0.14 -12.51	9.75 -0.20 -4.30	8.27 -0.13 -3.65	6.04 0.01 -6.86	13.61 -0.23 -5.99	35.01 -0.91 -2.37	18.92 -0.36 -1.53	2.58 -0.03 -4.79
ELBRIDGE_115KV_TB2 80188	2.27 0.00 -2.42	3.32 -0.03 -1.94	1.40 0.01 -2.18	2.73 -0.02 -1.95	5.58 -0.06 -1.71	8.12 -0.11 -1.60	5.50 -0.05 -2.08	10.09 -0.12 -1.92	10.16 -0.13 -2.12	24.66 -0.43 -0.07	6.99 -0.08 -2.42	3.97 -0.03 -2.53	2.09 0.01 -2.57	1.75 0.01 -2.27	0.04 0.05 -3.55	-2.31 0.16 -8.32	2.36 0.04 -7.37	8.37 0.00 -2.70	7.13 -0.02 -2.39	3.67 0.00 -4.50	11.54 -0.03 -3.71	33.38 -0.17 0.00	18.21 -0.16 -0.63	0.97 0.01 -3.14
ELEC_TRO_TEK 24086	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.45 0.30 -14.22	20.43 0.54 -13.25	21.09 0.28 -17.34	24.87 0.62 -15.97	26.55 0.71 -17.67	27.80 2.17 -0.62	25.24 0.43 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.15 -0.36 -30.06	57.53 -0.89 -69.21	55.12 -0.41 -60.58	27.35 0.43 -21.25	23.13 0.39 -17.98	33.04 -0.08 -33.95	36.70 0.70 -28.14	36.39 2.84 0.00	24.13 1.58 -4.82	21.47 -0.21 -23.86
ELLENBURG_WT_PWR 323604	-21.00 0.01 20.86	-4.19 -0.08 5.51	-0.75 0.05 0.00	0.75 -0.03 0.00	3.77 -0.16 0.00	6.38 -0.26 0.00	3.35 -0.12 0.00	8.03 -0.27 0.00	7.93 -0.24 0.00	24.32 -0.69 0.00	4.49 -0.16 0.00	1.40 -0.06 0.00	-3.75 0.02 3.28	-20.74 0.03 20.24	-21.38 0.03 17.84	-22.58 -0.01 11.79	-14.88 -0.03 9.79	5.72 0.06 0.00	4.72 -0.03 0.00	-0.82 0.01 0.00	7.95 0.10 0.00	33.74 0.19 0.00	17.72 -0.01 0.00	-2.16 0.01 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	3.26 0.00 -3.40	4.08 -0.05 -2.73	2.28 0.01 -3.07	3.51 -0.02 -2.74	6.21 -0.12 -2.41	6.88 -0.26 -0.50	6.29 -0.15 -2.96	10.57 -0.45 -2.73	10.75 -0.44 -3.02	23.88 -1.25 -0.12	7.87 -0.22 -3.44	4.99 -0.07 -3.60	3.19 0.02 -3.66	2.71 0.02 -3.22	1.59 0.20 -4.95	1.26 0.57 -11.47	5.25 0.12 -10.19	9.00 -0.28 -3.62	7.51 -0.31 -3.07	5.00 0.05 -5.79	14.66 -0.51 -7.31	49.50 -1.95 -17.90	21.58 -1.25 -5.10	1.94 0.08 -4.04
EMPIRE_CC_1 323656	23.20 -0.01 -23.36	20.19 0.05 -18.74	20.28 -0.03 -21.10	19.65 0.03 -18.84	20.60 0.14 -16.53	22.26 0.21 -15.41	23.74 0.10 -20.17	27.09 0.23 -18.57	28.94 0.22 -20.55	26.39 0.66 -0.73	28.22 0.12 -23.44	26.00 0.04 -24.50	24.39 -0.01 -24.90	21.39 -0.02 -21.94	30.75 -0.09 -34.41	69.77 -0.28 -80.83	66.18 -0.12 -71.35	30.91 0.14 -25.11	26.10 0.11 -21.25	39.14 -0.02 -39.99	40.93 0.21 -32.86	34.48 0.93 0.00	23.87 0.51 -5.62	25.63 -0.06 -27.86
EMPIRE_CC_2 323658	23.20 -0.01 -23.36	20.19 0.05 -18.74	20.28 -0.03 -21.10	19.65 0.03 -18.84	20.60 0.14 -16.53	22.26 0.21 -15.41	23.74 0.10 -20.17	27.09 0.23 -18.57	28.94 0.22 -20.55	26.39 0.66 -0.73	28.22 0.12 -23.44	26.00 0.04 -24.50	24.39 -0.01 -24.90	21.39 -0.02 -21.94	30.75 -0.09 -34.41	69.77 -0.28 -80.83	66.18 -0.12 -71.35	30.91 0.14 -25.11	26.10 0.11 -21.25	39.14 -0.02 -39.99	40.93 0.21 -32.86	34.48 0.93 0.00	23.87 0.51 -5.62	25.63 -0.06 -27.86
ENORWICH_115KV_TB1 80156	5.77 0.00 -5.93	6.21 0.06 -4.75	4.52 -0.03 -5.35	5.60 0.03 -4.78	8.31 0.19 -4.19	11.19 0.38 -4.17	8.82 0.23 -5.12	13.52 0.52 -4.71	13.75 0.37 -5.21	26.12 0.93 -0.18	10.72 0.12 -5.95	7.71 0.03 -6.22	5.81 -0.01 -6.32	5.03 -0.01 -5.56	5.11 -0.08 -8.75	9.51 -0.29 -20.58	13.09 -0.19 -18.34	12.42 0.23 -6.53	10.54 0.26 -5.53	9.52 -0.05 -10.41	16.95 0.53 -8.56	35.48 1.93 0.00	20.12 0.91 -1.47	4.96 -0.12 -7.26

ERIE_ST__34_KV_TB1-2 80199	3.38 0.00 -3.53	4.21 -0.03 -2.83	2.38 0.00 -3.19	3.63 -0.01 -2.85	6.38 -0.05 -2.50	7.36 -0.13 -0.85	6.46 -0.08 -3.07	10.85 -0.27 -2.83	11.03 -0.26 -3.12	24.46 -0.66 -0.12	8.09 -0.13 -3.56	5.15 -0.04 -3.72	3.31 0.01 -3.78	2.82 0.01 -3.33	1.68 0.13 -5.11	1.39 0.36 -11.81	5.47 0.03 -10.50	9.23 -0.17 -3.73	7.70 -0.21 -3.17	5.16 0.03 -5.96	13.76 -0.34 -6.24	41.60 -1.34 -9.39	19.87 -0.95 -3.09	2.03 0.05 -4.16
ERIE_WT_PWR 323693	3.34 0.00 -3.48	4.16 -0.04 -2.79	2.35 0.00 -3.15	3.58 -0.02 -2.81	6.30 -0.10 -2.46	7.03 -0.22 -0.61	6.38 -0.12 -3.03	10.70 -0.38 -2.79	10.88 -0.38 -3.09	24.03 -1.10 -0.12	7.98 -0.19 -3.52	5.08 -0.06 -3.68	3.27 0.02 -3.74	2.79 0.02 -3.30	3.60 0.18 -6.97	2.05 0.51 -12.33	6.20 0.09 -11.16	9.09 -0.27 -3.70	7.61 -0.28 -3.14	5.12 0.04 -5.91	13.88 -0.44 -6.46	43.17 -1.63 -11.24	20.11 -1.15 -3.52	2.02 0.07 -4.12
ESPRGFLD_115KV_TB1 80157	-3.19 -0.01 3.03	-0.99 0.05 2.43	-3.57 -0.03 2.74	-1.63 0.03 2.45	1.93 0.14 2.15	4.89 0.26 2.00	1.03 0.15 2.60	6.29 0.38 2.39	5.89 0.37 2.64	25.98 1.07 0.09	1.82 0.18 3.01	-1.62 0.06 3.15	-3.71 -0.02 3.20	-3.37 -0.02 2.82	-8.09 -0.11 4.41	-21.47 -0.34 10.34	-14.27 -0.15 9.06	2.70 0.22 3.18	2.25 0.20 2.70	-5.95 -0.04 5.08	4.03 0.36 4.19	35.08 1.54 0.00	17.78 0.76 0.72	-5.82 -0.09 3.55
ETNA_115_KV_TB1_REV_LBMP_C 345029	4.32 0.00 -4.47	4.99 0.01 -3.59	3.23 -0.01 -4.04	4.40 0.00 -3.60	7.13 0.04 -3.16	10.09 0.08 -3.38	7.37 0.05 -3.85	11.95 0.11 -3.54	12.17 0.07 -3.92	25.29 0.14 -0.14	9.13 0.01 -4.47	6.14 0.00 -4.68	4.26 0.00 -4.75	3.66 0.00 -4.19	3.01 0.00 -6.58	4.66 -0.04 -15.48	8.75 -0.05 -13.85	10.72 0.09 -4.97	9.05 0.09 -4.22	7.08 -0.02 -7.94	14.55 0.16 -6.53	34.13 0.58 0.00	19.09 0.23 -1.12	3.33 -0.04 -5.54
ETNA____115KV_TB2 80207	4.32 0.00 -4.47	4.99 0.01 -3.59	3.23 -0.01 -4.04	4.40 0.00 -3.60	7.13 0.04 -3.16	10.09 0.08 -3.38	7.37 0.05 -3.85	11.95 0.11 -3.54	12.17 0.07 -3.92	25.29 0.14 -0.14	9.13 0.01 -4.47	6.14 0.00 -4.68	4.26 0.00 -4.75	3.66 0.00 -4.19	3.01 0.00 -6.58	4.66 -0.04 -15.48	8.75 -0.05 -13.85	10.72 0.09 -4.97	9.05 0.09 -4.22	7.08 -0.02 -7.94	14.55 0.16 -6.53	34.13 0.58 0.00	19.09 0.23 -1.12	3.33 -0.04 -5.54
EUCLID____115KV_TB2 356179	1.84 0.00 -1.98	2.96 -0.03 -1.59	1.01 0.02 -1.79	2.37 -0.02 -1.60	5.24 -0.09 -1.40	7.79 -0.15 -1.31	5.11 -0.08 -1.71	9.68 -0.19 -1.57	9.72 -0.20 -1.74	24.46 -0.61 -0.06	6.53 -0.11 -1.99	3.51 -0.04 -2.08	1.64 0.01 -2.11	1.35 0.01 -1.86	-0.56 0.09 -2.91	-3.71 0.24 -6.83	1.09 0.08 -6.05	7.72 0.08 -2.16	6.51 -0.11 -1.86	2.68 0.02 -3.49	10.57 -0.17 -2.87	32.83 -0.72 0.00	17.79 -0.44 -0.49	0.31 0.04 -2.44
E_CANADA_CAP_HY 24051	29.77 -0.01 -29.93	25.47 0.06 -24.01	26.21 -0.03 -27.04	24.96 0.04 -24.14	25.30 0.18 -21.19	26.70 0.32 -19.75	29.52 0.17 -25.88	32.58 0.46 -23.83	34.97 0.43 -26.37	27.18 1.24 -0.93	34.95 0.22 -30.08	32.97 0.08 -31.43	31.43 -0.02 -31.94	27.60 -0.02 -28.14	40.46 -0.12 -44.14	92.55 -0.38 -103.70	86.31 -0.17 -91.53	38.10 0.26 -32.18	32.22 0.24 -27.23	50.37 -0.04 -51.25	50.43 0.44 -42.13	35.49 1.94 0.00	25.91 0.97 -7.21	33.44 -0.11 -35.73
E_CANADA_MHWK_HY 24050	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.92 0.00 0.00	6.63 -0.01 0.00	3.48 0.01 0.00	8.29 0.00 0.00	8.14 -0.03 0.00	24.86 -0.15 0.00	4.63 -0.02 0.00	1.45 -0.01 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.78 0.03 -0.75	-10.22 0.07 -0.50	-4.64 0.00 -0.41	5.60 -0.06 0.00	4.72 -0.03 0.00	-0.83 0.00 0.00	7.93 0.07 0.00	33.72 0.17 0.00	17.80 0.07 0.00	-2.19 -0.01 0.00
E_FISHKILL____LBMP 23776	20.16 -0.01 -20.32	17.78 0.08 -16.30	17.51 -0.05 -18.36	17.22 0.04 -16.38	18.54 0.22 -14.38	20.44 0.40 -13.41	21.23 0.21 -17.54	24.94 0.50 -16.15	26.57 0.53 -17.87	27.24 1.61 -0.63	25.35 0.31 -20.39	22.87 0.10 -21.30	21.12 -0.04 -21.65	18.51 -0.04 -19.08	26.09 -0.27 -29.92	58.73 -0.79 -70.30	56.66 -0.36 -62.07	27.91 0.40 -21.85	23.58 0.34 -18.48	33.90 -0.06 -34.79	37.00 0.56 -28.58	35.82 2.27 0.00	23.84 1.21 -4.89	21.91 -0.15 -24.24
FALCON____SEABRD_CC1 323796	-21.20 0.00 21.06	-4.23 -0.06 5.56	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.45 -0.19 0.00	3.40 -0.08 0.00	8.13 -0.16 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.75 0.01 3.28	-20.70 0.02 20.20	-21.38 -0.02 17.80	-22.72 -0.17 11.77	-14.94 -0.12 9.77	5.79 0.13 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.87 0.13 0.00	-2.19 -0.01 0.00
FALCON____SEABRD_CC2 323797	-21.20 0.00 21.06	-4.23 -0.06 5.56	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.45 -0.19 0.00	3.40 -0.08 0.00	8.13 -0.16 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.75 0.01 3.28	-20.70 0.02 20.20	-21.38 -0.02 17.80	-22.72 -0.17 11.77	-14.94 -0.12 9.77	5.79 0.13 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.87 0.13 0.00	-2.19 -0.01 0.00
FAR ROCKAWAY____4 23548	19.92 -0.01 -20.08	17.64 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.34 -14.22	20.50 0.62 -13.25	21.13 0.32 -17.34	24.94 0.68 -15.97	26.63 0.79 -17.67	28.04 2.41 -0.62	25.28 0.47 -20.16	23.04 0.16 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.11 -0.39 -30.06	58.00 -0.94 -69.72	56.51 -0.39 -61.95	27.93 0.41 -21.86	23.58 0.38 -18.45	33.78 -0.09 -34.70	36.76 0.76 -28.14	36.79 3.24 0.00	24.31 1.76 -4.82	21.45 -0.23 -23.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.38 0.49 -13.25	21.07 0.26 -17.34	24.88 0.62 -15.96	26.51 0.67 -17.66	27.72 2.09 -0.62	25.20 0.39 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.01 -69.49	55.84 -0.46 -61.35	27.75 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.34 2.79 0.00	24.05 1.51 -4.82	21.49 -0.19 -23.86
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.88 0.63 -15.96	26.51 0.67 -17.66	27.73 2.10 -0.62	25.20 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.69 -1.02 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.08 -34.37	36.68 0.69 -28.13	36.35 2.80 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.38 0.49 -13.25	21.07 0.26 -17.34	24.88 0.62 -15.96	26.51 0.67 -17.66	27.72 2.09 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.01 -69.49	55.84 -0.46 -61.35	27.75 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.08 -34.37	36.67 0.68 -28.13	36.32 2.77 0.00	24.05 1.50 -4.82	21.49 -0.19 -23.86

FARRAGUT___LBMP 323566	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.26 -17.34	24.87 0.62 -15.96	26.50 0.66 -17.66	27.69 2.06 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.35 -29.57	57.71 -1.00 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.67 -28.13	36.29 2.74 0.00	24.03 1.48 -4.82	21.49 -0.19 -23.86
FENNER___WINDPWR 24204	2.38 0.00 -2.53	3.44 0.00 -2.03	1.49 0.00 -2.29	2.83 0.00 -2.04	5.73 0.01 -1.79	8.33 0.03 -1.67	5.68 0.02 -2.19	10.34 0.04 -2.01	10.41 0.02 -2.23	25.07 -0.01 -0.08	7.18 -0.01 -2.54	4.11 -0.01 -2.65	2.21 0.00 -2.70	1.85 0.00 -2.37	0.18 0.01 -3.73	-2.01 0.00 -8.77	2.79 -0.01 -7.85	8.51 0.03 -2.82	7.20 0.05 -2.40	3.67 -0.01 -4.51	11.67 0.09 -3.71	33.91 0.36 0.00	18.53 0.15 -0.64	0.95 -0.03 -3.15
FIBERTEK___ENERGY 23856	2.16 0.00 -2.31	3.23 -0.02 -1.85	1.30 0.01 -2.08	2.64 -0.01 -1.86	5.51 -0.05 -1.63	8.07 -0.09 -1.52	5.42 -0.04 -1.99	10.02 -0.10 -1.83	10.08 -0.11 -2.02	24.72 -0.36 -0.07	6.89 -0.07 -2.31	3.85 -0.02 -2.41	1.97 0.01 -2.45	1.64 0.01 -2.16	-0.14 0.05 -3.38	-2.72 0.13 -7.93	1.99 0.03 -7.02	8.20 -0.01 -2.55	6.97 -0.02 -2.24	3.38 0.00 -4.21	11.28 -0.04 -3.46	33.35 -0.20 0.00	18.16 -0.17 -0.59	0.77 0.01 -2.94
FITZPATRICK____ 23598	1.46 0.01 -1.60	2.63 -0.05 -1.29	0.68 0.03 -1.45	2.05 -0.03 -1.29	4.92 -0.15 -1.13	7.45 -0.25 -1.06	4.73 -0.13 -1.38	9.26 -0.31 -1.27	9.27 -0.31 -1.41	24.08 -0.97 -0.05	6.08 -0.18 -1.61	3.09 -0.06 -1.68	1.24 0.02 -1.71	1.00 0.02 -1.51	-1.07 0.14 -2.35	-4.86 0.41 -5.52	-0.21 0.16 -4.68	7.02 -0.22 -1.58	5.90 -0.18 -1.33	1.71 0.03 -2.51	9.61 -0.31 -2.07	32.22 -1.33 0.00	17.34 -0.76 -0.35	-0.34 0.08 -1.75
FLOWRFLD_69_KV_BK1 356044	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.36 -14.22	20.54 0.65 -13.25	21.15 0.33 -17.34	25.01 0.75 -15.97	26.69 0.85 -17.67	28.18 2.55 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.72 -0.99 -69.50	55.84 -0.47 -61.36	27.73 0.47 -21.60	23.46 0.45 -18.25	33.45 -0.10 -34.38	36.86 0.86 -28.14	37.00 3.45 0.00	24.47 1.92 -4.82	21.43 -0.26 -23.86
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.78 -0.01 -19.94	17.49 0.10 -15.99	17.16 -0.05 -18.01	16.92 0.06 -16.08	18.31 0.27 -14.11	20.27 0.48 -13.16	20.95 0.26 -17.22	24.75 0.60 -15.85	26.34 0.62 -17.54	27.51 1.89 -0.62	25.02 0.36 -20.01	22.49 0.12 -20.91	20.72 -0.04 -21.25	18.15 -0.05 -18.72	25.49 -0.32 -29.37	57.26 -0.95 -69.00	55.43 -0.44 -60.92	27.60 0.49 -21.45	23.32 0.42 -18.15	33.25 -0.07 -34.16	36.64 0.68 -28.10	36.34 2.79 0.00	24.01 1.47 -4.81	21.47 -0.18 -23.83
FORT ORANGE____ 23900	23.78 0.00 -23.94	20.67 0.07 -19.20	20.79 -0.03 -21.63	20.13 0.04 -19.31	21.06 0.18 -16.94	22.73 0.30 -15.80	24.30 0.16 -20.66	27.70 0.37 -19.03	29.59 0.36 -21.06	26.79 1.04 -0.74	28.87 0.19 -24.03	26.63 0.06 -25.11	25.00 -0.02 -25.51	21.93 -0.02 -22.48	31.55 -0.15 -35.26	71.59 -0.47 -82.84	67.86 -0.22 -73.13	31.66 0.25 -25.74	26.74 0.20 -21.78	40.13 -0.04 -41.00	41.93 0.38 -33.70	35.14 1.59 0.00	24.34 0.83 -5.77	26.30 -0.10 -28.57
FORT_DRUM_COGEN 23780	2.12 0.00 -2.27	2.59 -0.07 -1.25	0.34 0.03 -1.10	1.73 -0.04 -0.98	4.60 -0.19 -0.86	7.15 -0.29 -0.80	4.39 -0.13 -1.05	8.93 -0.33 -0.97	8.87 -0.37 -1.07	23.79 -1.25 -0.04	5.60 -0.27 -1.22	2.65 -0.09 -1.28	0.19 0.04 -0.64	-3.40 0.04 2.91	-5.10 0.25 1.79	-8.33 0.62 -1.83	-3.13 0.23 -1.70	6.75 -0.19 -1.28	5.81 -0.04 -1.10	1.24 0.01 -2.06	9.41 -0.15 -1.70	33.12 -0.43 0.00	17.94 -0.08 -0.29	-0.69 0.05 -1.44
FPL_FAR_ROCK_GT1 24212	19.92 -0.01 -20.08	17.64 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.34 -14.22	20.50 0.62 -13.25	21.13 0.31 -17.34	24.94 0.68 -15.97	26.62 0.78 -17.67	28.03 2.40 -0.62	25.28 0.47 -20.16	23.04 0.16 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.11 -0.39 -30.06	58.00 -0.94 -69.72	56.50 -0.40 -61.95	27.93 0.41 -21.86	23.58 0.38 -18.45	33.78 -0.09 -34.70	36.76 0.76 -28.14	36.79 3.24 0.00	24.32 1.77 -4.82	21.45 -0.23 -23.86
FPL_FAR_ROCK_GT2 23815	19.92 -0.01 -20.08	17.64 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.34 -14.22	20.50 0.62 -13.25	21.13 0.31 -17.34	24.94 0.68 -15.97	26.62 0.78 -17.67	28.03 2.40 -0.62	25.28 0.47 -20.16	23.04 0.16 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.11 -0.39 -30.06	58.00 -0.94 -69.72	56.50 -0.40 -61.95	27.93 0.41 -21.86	23.58 0.38 -18.45	33.78 -0.09 -34.70	36.76 0.76 -28.14	36.79 3.24 0.00	24.32 1.77 -4.82	21.45 -0.23 -23.86
FRANKLIN_FALL_HYD 24054	14.47 0.00 -14.61	5.20 -0.06 -3.86	-0.76 0.03 0.00	0.76 -0.03 0.00	3.81 -0.12 0.00	6.43 -0.20 0.00	3.38 -0.09 0.00	8.09 -0.20 0.00	7.99 -0.19 0.00	24.47 -0.54 0.00	4.51 -0.14 0.00	1.41 -0.05 0.00	-3.54 0.02 3.07	-19.41 0.02 18.91	-20.19 0.04 16.67	-21.74 0.06 11.02	-14.20 0.00 9.14	5.69 0.03 0.00	4.72 -0.03 0.00	-0.82 0.01 0.00	7.92 0.06 0.00	33.74 0.19 0.00	17.80 0.06 0.00	-2.18 0.00 0.00
FREEPORT_EQUS_GT1 23764	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.32 -14.22	20.46 0.58 -13.25	21.11 0.29 -17.34	24.90 0.64 -15.97	26.58 0.74 -17.67	27.89 2.26 -0.62	25.26 0.45 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	55.46 -0.88 -67.13	49.57 -0.41 -55.04	24.93 0.46 -18.81	21.24 0.41 -16.08	30.01 -0.09 -30.93	36.72 0.72 -28.14	36.52 2.97 0.00	24.23 1.68 -4.82	21.46 -0.22 -23.86
FREEPORT___CT2 23818	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.46 0.32 -14.22	20.46 0.58 -13.25	21.11 0.29 -17.34	24.90 0.64 -15.97	26.58 0.74 -17.67	27.89 2.26 -0.62	25.26 0.45 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	55.46 -0.88 -67.13	49.57 -0.41 -55.04	24.93 0.46 -18.81	21.24 0.41 -16.08	30.01 -0.09 -30.93	36.72 0.72 -28.14	36.52 2.97 0.00	24.23 1.68 -4.82	21.46 -0.22 -23.86
FRESHKLS_33_KV_LOAD 356253	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.87 0.61 -15.96	26.49 0.66 -17.66	27.63 1.99 -0.62	25.22 0.42 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.36 -29.57	57.70 -1.01 -69.49	55.87 -0.43 -61.35	27.77 0.51 -21.59	23.46 0.46 -18.25	33.47 -0.07 -34.37	36.73 0.73 -28.13	36.46 2.91 0.00	24.20 1.64 -4.82	21.48 -0.21 -23.87
FULTON COGEN____ 23766	1.78 0.01 -1.92	2.91 -0.04 -1.54	0.96 0.02 -1.74	2.32 -0.02 -1.55	5.19 -0.11 -1.36	7.73 -0.18 -1.27	5.04 -0.09 -1.66	9.60 -0.22 -1.53	9.63 -0.23 -1.69	24.35 -0.72 -0.06	6.44 -0.14 -1.93	3.44 -0.04 -2.02	1.57 0.01 -2.05	1.29 0.02 -1.81	-0.63 0.10 -2.83	-3.86 0.29 -6.63	0.77 0.11 -5.71	7.48 -0.16 -1.98	6.31 -0.13 -1.69	2.38 0.02 -3.19	10.25 -0.23 -2.62	32.56 -0.99 0.00	17.61 -0.58 -0.45	0.11 0.06 -2.22

FULTON___LFGE 323630	28.07 -0.01 -28.23	24.16 0.11 -22.64	24.64 -0.06 -25.50	23.62 0.06 -22.77	24.24 0.32 -19.98	25.83 0.57 -18.63	28.21 0.32 -24.41	31.43 0.66 -22.48	33.50 0.45 -24.87	27.14 1.25 -0.88	33.22 0.20 -28.38	31.18 0.07 -29.65	29.63 -0.01 -30.13	26.01 -0.02 -26.55	37.97 -0.12 -41.64	86.67 -0.38 -97.83	80.99 -0.30 -86.34	36.45 0.43 -30.35	30.78 0.35 -25.68	47.44 -0.07 -48.33	48.29 0.70 -39.73	36.53 2.98 0.00	25.99 1.45 -6.80	31.36 -0.17 -33.70
G.F.CEMENT___DRP 24184	24.85 -0.01 -25.00	21.50 0.04 -20.06	21.77 -0.03 -22.59	20.98 0.02 -20.16	21.77 0.14 -17.70	23.38 0.24 -16.50	25.23 0.14 -21.62	28.56 0.36 -19.91	30.52 0.32 -22.03	26.68 0.89 -0.78	29.95 0.17 -25.13	27.78 0.05 -26.26	26.18 -0.02 -26.69	22.97 -0.02 -23.52	33.20 -0.12 -36.88	75.46 -0.40 -86.64	71.20 -0.21 -76.46	32.79 0.25 -26.88	27.70 0.21 -22.74	41.94 -0.03 -42.80	43.44 0.40 -35.18	35.14 1.59 0.00	24.51 0.75 -6.02	27.57 -0.09 -29.83
GARDENVILLE___LBMP 24039	3.31 0.00 -3.46	4.13 -0.04 -2.78	2.33 0.01 -3.13	3.56 -0.02 -2.79	6.27 -0.11 -2.45	6.75 -0.24 -0.36	6.35 -0.14 -3.02	10.65 -0.41 -2.78	10.84 -0.41 -3.07	23.97 -1.16 -0.12	7.95 -0.21 -3.50	5.06 -0.07 -3.66	3.25 0.02 -3.72	2.77 0.02 -3.28	1.68 0.19 -5.04	1.45 0.55 -11.68	5.44 0.11 -10.38	9.08 -0.27 -3.69	7.59 -0.30 -3.13	5.11 0.05 -5.89	14.12 -0.47 -6.73	44.95 -1.79 -13.20	20.54 -1.18 -3.99	2.01 0.07 -4.12
GARDNVLA_35_KV_LD 355827	3.34 0.00 -3.49	4.16 -0.04 -2.80	2.36 0.00 -3.15	3.59 -0.02 -2.82	6.31 -0.09 -2.47	7.13 -0.21 -0.71	6.39 -0.12 -3.04	10.72 -0.37 -2.80	10.90 -0.36 -3.09	24.11 -1.01 -0.12	8.00 -0.18 -3.53	5.10 -0.06 -3.69	3.27 0.02 -3.75	2.79 0.02 -3.30	1.68 0.18 -5.07	1.43 0.49 -11.72	5.44 0.08 -10.42	9.12 -0.24 -3.70	7.62 -0.27 -3.14	5.12 0.04 -5.91	13.79 -0.43 -6.36	42.44 -1.62 -10.52	19.99 -1.09 -3.35	2.02 0.07 -4.13
GELCKHM___115KV_LOAD 80723	1.96 0.00 -2.10	3.06 -0.03 -1.69	1.12 0.01 -1.90	2.47 -0.02 -1.70	5.34 -0.08 -1.49	7.89 -0.13 -1.39	5.23 -0.06 -1.82	9.80 -0.16 -1.67	9.85 -0.17 -1.85	24.55 -0.52 -2.11	6.66 -0.10 -2.20	3.64 -0.03 -2.24	1.76 0.01 -1.97	1.46 0.01 -3.09	-0.40 0.07 -3.09	-3.34 0.20 -7.24	1.42 0.06 -6.41	7.89 -0.07 -2.31	6.68 -0.07 -2.00	2.94 0.01 -3.76	10.83 -0.12 -3.10	33.01 -0.54 0.00	17.92 -0.35 -0.53	0.48 0.03 -2.62
GENERAL___MILLS 23808	3.34 0.00 -3.48	4.16 -0.04 -2.79	2.35 0.00 -3.15	3.58 -0.02 -2.81	6.30 -0.10 -2.46	7.02 -0.22 -0.61	6.38 -0.13 -3.03	10.69 -0.39 -2.79	10.87 -0.38 -3.09	24.05 -1.08 -0.12	7.98 -0.19 -3.52	5.08 -0.06 -3.68	3.27 0.02 -3.74	2.79 0.02 -3.30	1.68 0.18 -5.06	1.44 0.51 -11.71	5.45 0.09 -10.41	9.11 -0.25 -3.70	7.61 -0.28 -3.14	5.12 0.04 -5.91	13.87 -0.45 -6.46	43.10 -1.69 -11.24	20.13 -1.13 -3.52	2.02 0.07 -4.12
GE_PLASTICS___DRP 24183	23.82 -0.01 -23.97	20.69 0.06 -19.23	20.83 -0.03 -21.66	20.16 0.03 -19.33	21.05 0.15 -16.97	22.71 0.26 -15.82	24.29 0.13 -20.68	27.64 0.31 -19.04	29.55 0.31 -21.07	26.65 0.90 -0.74	28.86 0.17 -24.04	26.64 0.06 -25.12	25.02 -0.02 -25.53	21.94 -0.02 -22.49	31.58 -0.14 -35.27	71.67 -0.41 -82.87	67.93 -0.18 -73.16	31.65 0.22 -25.77	26.73 0.18 -21.80	40.17 -0.03 -41.04	41.90 0.31 -33.73	34.86 1.31 0.00	24.21 0.70 -5.77	26.34 -0.09 -28.60
GILBOA___1 23756	18.84 -0.01 -18.99	16.68 0.04 -15.23	16.34 -0.03 -17.16	16.13 0.02 -15.32	17.50 0.12 -13.44	19.38 0.21 -12.53	19.98 0.11 -16.40	23.65 0.26 -15.10	25.15 0.27 -16.71	26.39 0.79 -0.59	23.86 0.15 -19.06	21.43 0.05 -19.92	19.73 -0.02 -20.24	17.29 -0.02 -17.83	24.29 -0.13 -27.98	54.57 -0.37 -65.73	52.84 -0.15 -58.05	26.28 0.18 -20.44	22.19 0.15 -17.30	31.69 -0.03 -32.55	34.87 0.25 -26.76	34.62 1.07 0.00	22.92 0.60 -4.58	20.44 -0.08 -22.69
GILBOA___2 23757	18.84 -0.01 -18.99	16.68 0.04 -15.23	16.34 -0.03 -17.16	16.13 0.02 -15.32	17.50 0.12 -13.44	19.38 0.21 -12.53	19.98 0.11 -16.40	23.65 0.26 -15.10	25.15 0.27 -16.71	26.39 0.79 -0.59	23.86 0.15 -19.06	21.43 0.05 -19.92	19.73 -0.02 -20.24	17.29 -0.02 -17.83	24.29 -0.13 -27.98	54.57 -0.37 -65.73	52.84 -0.15 -58.05	26.28 0.18 -20.44	22.19 0.15 -17.30	31.69 -0.03 -32.55	34.87 0.25 -26.76	34.62 1.07 0.00	22.92 0.60 -4.58	20.44 -0.08 -22.69
GILBOA___3 23758	18.84 -0.01 -18.99	16.68 0.04 -15.23	16.34 -0.03 -17.16	16.13 0.02 -15.32	17.50 0.12 -13.44	19.38 0.21 -12.53	19.98 0.11 -16.40	23.65 0.26 -15.10	25.15 0.27 -16.71	26.39 0.79 -0.59	23.86 0.15 -19.06	21.43 0.05 -19.92	19.73 -0.02 -20.24	17.29 -0.02 -17.83	24.29 -0.13 -27.98	54.57 -0.37 -65.73	52.84 -0.15 -58.05	26.28 0.18 -20.44	22.19 0.15 -17.30	31.69 -0.03 -32.55	34.87 0.25 -26.76	34.62 1.07 0.00	22.92 0.60 -4.58	20.44 -0.08 -22.69
GILBOA___4 23759	18.84 -0.01 -18.99	16.68 0.04 -15.23	16.34 -0.03 -17.16	16.13 0.02 -15.32	17.50 0.12 -13.44	19.38 0.21 -12.53	19.98 0.11 -16.40	23.65 0.26 -15.10	25.15 0.27 -16.71	26.39 0.79 -0.59	23.86 0.15 -19.06	21.43 0.05 -19.92	19.73 -0.02 -20.24	17.29 -0.02 -17.83	24.29 -0.13 -27.98	54.57 -0.37 -65.73	52.84 -0.15 -58.05	26.28 0.18 -20.44	22.19 0.15 -17.30	31.69 -0.03 -32.55	34.87 0.25 -26.76	34.62 1.07 0.00	22.92 0.60 -4.58	20.44 -0.08 -22.69
GILBOA___ 23599	18.84 -0.01 -18.99	16.68 0.04 -15.23	16.34 -0.03 -17.16	16.13 0.02 -15.32	17.50 0.12 -13.44	19.38 0.21 -12.53	19.98 0.11 -16.40	23.65 0.26 -15.10	25.15 0.27 -16.71	26.39 0.79 -0.59	23.86 0.15 -19.06	21.43 0.05 -19.92	19.73 -0.02 -20.24	17.29 -0.02 -17.83	24.29 -0.13 -27.98	54.57 -0.37 -65.73	52.85 -0.15 -58.05	26.29 0.18 -20.44	22.19 0.15 -17.30	31.69 -0.03 -32.55	34.87 0.25 -26.76	34.62 1.07 0.00	22.92 0.60 -4.58	20.44 -0.08 -22.69
GINNA___ 23603	2.44 0.01 -2.58	3.38 -0.09 -2.07	1.57 0.05 -2.33	2.82 -0.05 -2.08	5.50 -0.25 -1.82	7.88 -0.45 -1.70	5.46 -0.23 -2.22	9.74 -0.60 -2.04	9.84 -0.59 -2.26	23.25 -1.84 -0.08	6.89 -0.33 -2.57	4.06 -0.10 -2.69	2.28 0.03 -2.73	1.92 0.04 -2.41	1.29 0.27 -4.59	-1.03 0.77 -8.99	3.28 0.28 -8.05	8.01 -0.39 -2.74	6.74 -0.35 -2.34	3.63 0.06 -4.40	10.87 -0.61 -3.62	31.05 -2.50 0.00	16.89 -1.47 -0.62	1.04 0.14 -3.07
GLEN PARK___ 23778	2.11 0.00 -2.25	2.62 -0.06 -1.27	0.37 0.03 -1.14	1.77 -0.04 -1.01	4.65 -0.17 -0.89	7.21 -0.26 -0.83	4.44 -0.12 -1.09	9.00 -0.30 -1.00	8.94 -0.34 -1.11	23.87 -1.18 -0.04	5.65 -0.26 -1.26	2.70 -0.09 -1.32	0.27 0.04 -0.72	-3.14 0.04 2.66	-4.85 0.24 1.54	-8.09 0.59 -2.10	-2.93 0.20 -1.92	6.83 -0.16 -1.32	5.86 -0.02 -1.13	1.31 0.01 -2.13	9.51 -0.11 -1.75	33.29 -0.26 0.00	18.02 -0.02 -0.30	-0.65 0.04 -1.49
GLENDALE_27_KV_LOAD 356172	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.28 -0.06 -18.14	17.04 0.06 -16.19	18.43 0.29 -14.21	20.40 0.52 -13.25	21.08 0.27 -17.34	24.92 0.66 -15.96	26.55 0.71 -17.66	27.83 2.20 -0.62	25.22 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.63 -1.07 -69.49	55.81 -0.49 -61.35	27.79 0.54 -21.59	23.45 0.46 -18.25	33.46 -0.08 -34.37	36.72 0.73 -28.13	36.52 2.97 0.00	24.14 1.59 -4.82	21.49 -0.20 -23.86

GLENWOOD_IC_1_G5 23712	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.30 -14.22	20.42 0.54 -13.25	21.09 0.28 -17.34	24.89 0.63 -15.97	26.54 0.70 -17.67	27.80 2.17 -0.62	25.24 0.43 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.16 -0.99 -68.93	54.36 -0.43 -59.85	27.04 0.45 -20.93	22.88 0.39 -17.73	32.64 -0.08 -33.55	36.73 0.73 -28.14	36.49 2.94 0.00	24.14 1.58 -4.82	21.48 -0.21 -23.86
GLENWOOD_IC_2_G1 23688	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.43 0.28 -14.22	20.39 0.51 -13.25	21.07 0.26 -17.34	24.86 0.61 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.15 -0.35 -30.06	57.77 -0.94 -69.50	55.88 -0.43 -61.36	27.72 0.47 -21.60	23.41 0.41 -18.25	33.47 -0.08 -34.38	36.69 0.69 -28.14	36.34 2.79 0.00	24.06 1.50 -4.82	21.49 -0.19 -23.86
GLENWOOD_IC_3_G1 23689	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.43 0.28 -14.22	20.39 0.51 -13.25	21.07 0.26 -17.34	24.86 0.61 -15.97	26.50 0.66 -17.67	27.68 2.05 -0.62	25.21 0.40 -20.16	23.01 0.13 -21.41	24.85 -0.05 -25.38	23.53 -0.05 -24.11	26.15 -0.35 -30.06	57.77 -0.94 -69.50	55.88 -0.43 -61.36	27.72 0.47 -21.60	23.41 0.41 -18.25	33.47 -0.08 -34.38	36.69 0.69 -28.14	36.34 2.79 0.00	24.06 1.50 -4.82	21.49 -0.19 -23.86
GLENWOOD___4 23550	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.30 -14.22	20.42 0.54 -13.25	21.09 0.28 -17.34	24.89 0.63 -15.97	26.54 0.70 -17.67	27.80 2.17 -0.62	25.24 0.43 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.16 -0.99 -68.93	54.35 -0.44 -59.85	27.06 0.46 -20.93	22.89 0.41 -17.73	32.64 -0.08 -33.55	36.73 0.73 -28.14	36.49 2.94 0.00	24.14 1.58 -4.82	21.48 -0.21 -23.86
GLENWOOD___5 23614	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.30 -14.22	20.42 0.54 -13.25	21.09 0.28 -17.34	24.89 0.63 -15.97	26.54 0.70 -17.67	27.80 2.17 -0.62	25.24 0.43 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.16 -0.99 -68.93	54.35 -0.44 -59.85	27.06 0.46 -20.93	22.89 0.41 -17.73	32.64 -0.08 -33.55	36.73 0.73 -28.14	36.49 2.94 0.00	24.14 1.58 -4.82	21.48 -0.21 -23.86
GLOBAL GREEN_PORT_GT1 23814	19.92 -0.02 -20.08	17.67 0.16 -16.11	17.26 -0.09 -18.14	17.07 0.09 -16.20	18.64 0.49 -14.22	20.77 0.88 -13.25	21.26 0.45 -17.34	25.32 1.06 -15.97	26.98 1.15 -17.67	29.03 3.40 -0.62	25.47 0.66 -20.16	23.09 0.21 -21.41	24.82 -0.08 -25.38	23.49 -0.09 -24.11	25.97 -0.53 -30.06	57.35 -1.37 -69.50	55.65 -0.65 -61.36	27.97 0.71 -21.60	23.65 0.64 -18.25	33.41 -0.13 -34.38	37.19 1.19 -28.14	38.32 4.77 0.00	25.13 2.58 -4.82	21.36 -0.33 -23.86
GLOBE___DSASP 323697	3.09 0.00 -3.24	3.90 -0.10 -2.60	2.15 0.02 -2.92	3.35 -0.05 -2.61	6.01 -0.21 -2.29	7.06 -0.43 -0.85	6.02 -0.27 -2.81	10.12 -0.76 -2.59	10.29 -0.74 -2.86	22.82 -2.29 -0.10	7.53 -0.39 -3.27	4.76 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	1.45 0.31 -4.70	1.00 0.90 -10.89	4.87 0.25 -9.67	8.64 -0.46 -3.44	7.21 -0.46 -2.92	4.73 0.08 -5.49	11.82 -0.78 -4.75	32.02 -3.14 -1.62	17.00 -1.89 -1.16	1.82 0.16 -3.83
GOETHSLN___LBMP 323567	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.05 -16.19	18.40 0.26 -14.21	20.36 0.48 -13.25	21.05 0.24 -17.34	24.83 0.58 -15.96	26.46 0.62 -17.66	27.59 1.96 -0.62	25.16 0.36 -20.15	22.64 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.69 -0.33 -29.57	57.77 -0.94 -69.49	55.87 -0.43 -61.35	27.72 0.47 -21.59	23.40 0.40 -18.25	33.47 -0.07 -34.37	36.62 0.63 -28.13	36.10 2.56 0.00	23.95 1.40 -4.82	21.50 -0.18 -23.86
GOLAH___69_KV_TB 1_2 80279	2.51 0.00 -2.66	3.52 -0.02 -2.13	1.61 0.00 -2.40	2.92 -0.01 -2.14	5.75 -0.06 -1.88	8.28 -0.11 -1.75	5.70 -0.06 -2.28	10.19 -0.21 -2.10	10.26 -0.24 -2.33	24.34 -0.75 -0.08	7.17 -0.14 -2.66	4.20 -0.04 -2.77	2.35 0.01 -2.82	1.98 0.02 -2.49	0.41 0.12 -3.85	-1.51 0.31 -8.96	2.92 0.04 -7.94	8.35 -0.13 -2.82	7.01 -0.15 -2.41	3.72 0.02 -4.53	11.32 -0.26 -3.72	32.58 -0.97 0.00	17.67 -0.70 -0.64	1.03 0.05 -3.16
GOODYEAR_LAKE_HYD 323669	4.54 -0.01 -4.69	5.21 0.04 -3.76	3.41 -0.03 -4.24	4.60 0.02 -3.78	7.38 0.13 -3.32	9.97 0.24 -3.10	7.67 0.13 -4.06	12.36 0.33 -3.74	12.63 0.32 -4.14	26.09 0.94 -0.15	9.54 0.16 -4.72	6.46 0.05 -4.94	4.51 -0.02 -5.02	3.87 -0.02 -4.42	3.26 -0.12 -6.95	5.19 -0.37 -16.35	9.30 -0.17 -14.52	11.01 0.21 -5.14	9.28 0.18 -4.35	7.31 -0.04 -8.18	14.91 0.32 -6.73	34.87 1.32 0.00	19.55 0.66 -1.15	3.45 -0.08 -5.71
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	6.08 0.00 -6.23	6.41 0.01 -4.99	4.82 -0.01 -5.63	5.82 0.01 -5.02	8.39 0.05 -4.41	10.83 0.08 -4.11	8.90 0.04 -5.39	13.35 0.10 -4.96	13.76 0.10 -5.49	25.51 0.31 -0.19	10.96 0.05 -6.26	8.02 0.01 -6.54	6.15 0.00 -6.64	5.32 -0.01 -5.86	5.62 -0.04 -9.22	10.83 -0.10 -21.71	14.25 -0.06 -19.37	12.63 0.07 -6.89	10.64 0.06 -5.83	10.12 -0.01 -10.97	17.09 0.10 -9.13	34.63 0.33 -0.75	19.59 0.13 -1.72	5.45 -0.03 -7.66
GOUDEY___7 23579	6.08 0.00 -6.23	6.41 0.01 -4.99	4.82 -0.01 -5.63	5.82 0.01 -5.02	8.39 0.05 -4.41	10.83 0.09 -4.11	8.90 0.05 -5.39	13.36 0.11 -4.96	13.76 0.10 -5.49	25.53 0.33 -0.19	10.96 0.05 -6.26	8.02 0.01 -6.54	6.15 -0.01 -6.64	5.32 -0.01 -5.86	5.62 -0.04 -9.22	10.82 -0.11 -21.71	14.25 -0.07 -19.37	12.64 0.08 -6.89	10.64 0.06 -5.83	10.12 -0.01 -10.97	17.10 0.10 -9.13	34.66 0.36 -0.75	19.60 0.14 -1.72	5.45 -0.03 -7.66
GOUDEY___8 23580	6.08 0.00 -6.23	6.41 0.01 -4.99	4.82 -0.01 -5.63	5.82 0.01 -5.02	8.39 0.05 -4.41	10.83 0.08 -4.11	8.90 0.04 -5.39	13.35 0.10 -4.96	13.76 0.10 -5.49	25.51 0.31 -0.19	10.96 0.05 -6.26	8.02 0.01 -6.54	6.15 0.00 -6.64	5.32 -0.01 -5.86	5.62 -0.04 -9.22	10.83 -0.10 -21.71	14.25 -0.06 -19.37	12.63 0.07 -6.89	10.64 0.06 -5.83	10.12 -0.01 -10.97	17.09 0.10 -9.13	34.63 0.33 -0.75	19.59 0.13 -1.72	5.45 -0.03 -7.66
GOWANUS_GT1_1 24077	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT1_2 24078	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87

GOWANUS_GT1_3 24079	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT1_4 24080	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT1_5 24084	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT1_6 24111	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT1_7 24112	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT1_8 24113	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_1 24114	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_2 24115	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_3 24116	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_4 24117	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_5 24118	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_6 24119	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_7 24120	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT2_8 24121	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87
GOWANUS_GT3_1 24122	19.92	17.61	17.29	17.04	18.42	20.39	21.08	24.91	26.54	27.77	25.23	22.66	20.86	18.27	25.64	57.65	55.82	27.79	23.46	33.46	36.73	36.52	24.18	21.49
	-0.01	0.10	-0.06	0.06	0.28	0.51	0.26	0.65	0.70	2.14	0.42	0.14	-0.05	-0.06	-0.37	-1.06	-0.48	0.53	0.46	-0.08	0.73	2.97	1.62	-0.20
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.87

GOWANUS_GT3_2 24123	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT3_3 24124	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT3_4 24125	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT3_5 24126	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT3_6 24127	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT3_7 24128	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT3_8 24129	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_1 24130	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_2 24131	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_3 24132	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_4 24133	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_5 24134	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_6 24135	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_7 24136	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
GOWANUS_GT4_8 24137	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87

GREENBSH_115KV_TB3 55895	23.90 -0.01 -24.06	20.76 0.06 -19.30	20.91 -0.03 -21.74	20.23 0.03 -19.40	21.13 0.17 -17.03	22.79 0.27 -15.88	24.38 0.14 -20.77	27.76 0.33 -19.13	29.68 0.33 -21.17	26.73 0.98 -0.75	28.99 0.19 -24.15	26.76 0.06 -25.24	25.14 -0.02 -25.65	22.05 -0.02 -22.60	31.74 -0.15 -35.45	72.04 -0.45 -83.27	68.26 -0.20 -73.51	31.77 0.23 -25.88	26.83 0.18 -21.89	40.34 -0.03 -41.21	42.06 0.33 -33.86	34.96 1.41 0.00	24.28 0.75 -5.80	26.45 -0.09 -28.72
GREENDGE_115KV_TB5 80291	3.86 0.00 -4.01	4.60 -0.02 -3.22	2.83 0.01 -3.62	4.02 -0.01 -3.23	6.74 -0.03 -2.84	11.41 -0.04 -4.82	6.87 0.01 -3.39	11.44 0.03 -3.12	11.63 0.01 -3.45	25.04 -0.09 -0.12	8.54 -0.04 -3.93	5.56 -0.02 -4.11	3.69 0.01 -4.18	3.16 0.01 -3.68	2.26 0.05 -5.77	2.89 0.14 -13.54	7.00 0.00 -12.06	9.96 -0.01 -4.31	8.41 -0.01 -3.67	6.06 0.00 -6.90	13.64 -0.02 -5.80	34.26 -0.13 -0.84	18.78 -0.13 -1.18	2.63 -0.01 -4.81
GREENIDGE___3 23582	3.86 0.00 -4.01	4.60 -0.02 -3.22	2.83 0.01 -3.62	4.02 -0.01 -3.23	6.74 -0.03 -2.84	11.41 -0.04 -4.82	6.87 0.01 -3.39	11.44 0.03 -3.12	11.63 0.01 -3.45	25.04 -0.09 -0.12	8.54 -0.04 -3.93	5.56 -0.02 -4.11	3.69 0.01 -4.18	3.16 0.01 -3.68	2.26 0.05 -5.77	2.89 0.14 -13.54	7.00 0.00 -12.06	9.96 -0.01 -4.31	8.41 -0.01 -3.67	6.06 0.00 -6.90	13.64 -0.02 -5.80	34.26 -0.13 -0.84	18.78 -0.13 -1.18	2.63 -0.01 -4.81
GREENIDGE___4 23583	3.86 0.00 -4.01	4.60 -0.02 -3.22	2.83 0.01 -3.62	4.02 -0.01 -3.23	6.74 -0.03 -2.84	11.41 -0.04 -4.82	6.87 0.02 -3.39	11.43 0.02 -3.12	11.63 0.01 -3.45	25.04 -0.09 -0.12	8.54 -0.04 -3.93	5.56 -0.02 -4.11	3.69 0.01 -4.18	3.16 0.01 -3.68	2.96 0.05 -6.47	3.13 0.14 -13.77	7.28 0.00 -12.34	9.95 -0.02 -4.31	8.41 -0.01 -3.67	6.06 0.00 -6.90	13.64 -0.02 -5.80	34.24 -0.15 -0.84	18.77 -0.14 -1.18	2.62 -0.01 -4.81
GREENLWN_69_KV_BK 3 55738	19.92 -0.01 -20.08	17.61 0.11 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.42 0.54 -13.25	21.08 0.27 -17.34	24.83 0.57 -15.97	26.51 0.67 -17.67	27.69 2.05 -0.62	25.22 0.42 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.16 -0.35 -30.06	57.92 -0.80 -69.50	55.94 -0.37 -61.36	27.64 0.38 -21.60	23.36 0.36 -18.25	33.46 -0.08 -34.38	36.67 0.67 -28.14	36.21 2.67 0.00	24.07 1.51 -4.82	21.47 -0.21 -23.86
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.92 -0.01 -20.08	17.61 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.78 2.15 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.83 -0.47 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.17 1.61 -4.82	21.49 -0.20 -23.87
GRISSOM___SOLAR 323813	28.07 -0.01 -28.23	24.16 0.11 -22.64	24.64 -0.06 -25.50	23.62 0.06 -22.77	24.24 0.32 -19.98	25.83 0.57 -18.63	28.21 0.32 -24.41	31.43 0.66 -22.48	33.50 0.45 -24.87	27.14 1.25 -0.88	33.22 0.20 -28.38	31.18 0.07 -29.65	29.63 -0.01 -30.13	26.01 -0.02 -26.55	37.97 -0.12 -41.64	86.67 -0.38 -97.83	80.99 -0.30 -86.34	36.45 0.43 -30.35	30.78 0.35 -25.68	47.44 -0.07 -48.33	48.29 0.70 -39.73	36.53 2.98 0.00	25.99 1.45 -6.80	31.36 -0.17 -33.70
GROVEVILLE___HYD 323602	19.78 -0.01 -19.94	17.49 0.10 -15.99	17.16 -0.05 -18.01	16.92 0.06 -16.08	18.31 0.27 -14.11	20.27 0.48 -13.16	20.95 0.26 -17.22	24.75 0.60 -15.85	26.34 0.62 -17.54	27.51 1.89 -0.62	25.02 0.36 -20.01	22.49 0.12 -20.91	20.72 -0.04 -21.25	18.15 -0.05 -18.72	25.49 -0.32 -29.37	57.26 -0.95 -69.00	55.43 -0.44 -60.92	27.60 0.49 -21.45	23.32 0.42 -18.15	33.25 -0.07 -34.16	36.64 0.68 -28.10	36.34 2.79 0.00	24.01 1.47 -4.81	21.47 -0.18 -23.83
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	2.16 0.00 -2.31	3.23 -0.02 -1.85	1.30 0.01 -2.08	2.64 -0.01 -1.86	5.51 -0.05 -1.63	8.07 -0.09 -1.52	5.42 -0.04 -1.99	10.02 -0.10 -1.83	10.08 -0.11 -2.02	24.72 -0.36 -0.07	6.89 -0.07 -2.31	3.85 -0.02 -2.41	1.97 0.01 -2.45	1.64 0.01 -2.16	-0.14 0.05 -3.38	-2.72 0.13 -7.93	1.99 0.03 -7.02	8.20 -0.01 -2.55	6.97 -0.02 -2.24	3.38 0.00 -4.21	11.28 -0.04 -3.46	33.35 -0.20 0.00	18.16 -0.17 -0.59	0.77 0.01 -2.94
HAMLTNNY_34_KV_TB 80303	2.28 0.00 -2.43	3.33 -0.02 -1.95	1.41 0.01 -2.19	2.74 -0.01 -1.96	5.60 -0.05 -1.72	8.15 -0.08 -1.60	5.53 -0.04 -2.09	10.14 -0.08 -1.93	10.21 -0.09 -2.13	24.79 -0.29 -0.07	7.02 -0.06 -2.43	3.99 -0.02 -2.54	2.10 0.01 -2.58	1.75 0.00 -2.28	0.03 0.03 -3.56	-2.35 0.10 -8.34	2.35 0.01 -7.39	8.41 0.04 -2.71	7.15 0.01 -2.39	3.67 0.00 -4.51	11.58 0.01 -3.71	33.54 -0.01 0.00	18.28 -0.09 -0.64	0.97 0.00 -3.15
HAMPSHIRE___PAPER_HYD 323593	3.09 0.00 -3.23	2.54 -0.06 -1.20	-0.19 0.03 -0.58	1.27 -0.03 -0.51	4.21 -0.17 -0.45	6.79 -0.27 -0.42	3.88 -0.14 -0.55	8.47 -0.33 -0.51	8.38 -0.36 -0.56	23.88 -1.15 -0.02	5.05 -0.25 -0.64	2.06 -0.08 -0.67	-1.52 0.03 1.06	-10.62 0.03 10.13	-11.87 0.21 8.52	-14.27 0.56 4.04	-8.06 0.25 3.26	6.12 -0.23 -0.68	5.21 -0.12 -0.58	0.29 0.03 -1.10	8.51 -0.25 -0.90	32.79 -0.76 0.00	17.70 -0.19 -0.15	-1.37 0.04 -0.77
HARDSCRABBLE_WT_PWR 323673	-0.15 0.00 0.00	1.39 -0.01 0.00	-0.79 0.01 0.00	0.78 0.00 0.00	3.90 -0.03 0.00	6.58 -0.05 0.00	3.45 -0.02 0.00	8.25 -0.05 0.00	8.12 -0.05 0.00	24.84 -0.17 0.00	4.62 -0.03 0.00	1.45 -0.01 0.00	-0.34 0.01 -0.14	0.33 0.01 -0.85	-2.76 0.05 -0.75	-10.17 0.12 -0.50	-4.60 0.04 -0.41	5.56 -0.10 0.00	4.68 -0.07 0.00	-0.82 0.01 0.00	7.87 0.01 0.00	33.49 -0.06 0.00	17.70 -0.03 0.00	-2.18 0.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.63 -0.01 -18.79	16.57 0.09 -15.07	16.13 -0.05 -16.98	16.00 0.05 -15.16	17.49 0.26 -13.30	19.50 0.47 -12.40	19.95 0.25 -16.23	23.81 0.58 -14.94	25.30 0.60 -16.53	27.40 1.81 -0.58	23.85 0.34 -18.86	21.28 0.11 -19.71	19.50 -0.04 -20.03	17.07 -0.05 -17.65	23.80 -0.32 -27.68	53.32 -0.93 -65.04	51.94 -0.43 -57.43	26.37 0.48 -20.22	22.27 0.41 -17.11	31.30 -0.07 -32.20	34.99 0.63 -26.49	36.13 2.58 0.00	23.62 1.35 -4.53	20.12 -0.17 -22.47
HARSNRAD_115KV_TB1 81005	3.06 0.00 -3.20	3.91 -0.06 -2.57	2.11 0.01 -2.90	3.34 -0.03 -2.58	6.04 -0.16 -2.27	7.11 -0.33 -0.80	6.05 -0.20 -2.78	10.28 -0.58 -2.56	10.44 -0.57 -2.83	23.38 -1.72 -0.10	7.58 -0.30 -3.23	4.76 -0.09 -3.38	2.98 0.03 -3.43	2.52 0.03 -3.02	1.36 0.26 -4.66	0.75 0.74 -10.79	4.73 0.20 -9.58	8.70 -0.37 -3.41	7.26 -0.38 -2.90	4.67 0.06 -5.44	11.52 -0.65 -4.30	29.74 -2.56 1.25	16.64 -1.56 -0.47	1.73 0.11 -3.80
HARZA MOOSE___RIVER 24016	1.40 0.00 -1.54	2.22 -0.02 -0.84	-0.05 0.01 -0.74	1.42 -0.02 -0.66	4.42 -0.09 -0.57	7.05 -0.12 -0.54	4.12 -0.05 -0.70	8.79 -0.14 -0.65	8.71 -0.17 -0.71	24.47 -0.57 -0.03	5.34 -0.12 -0.81	2.28 -0.04 -0.85	0.01 0.02 -0.49	-2.07 0.02 1.56	-4.32 0.10 0.86	-9.10 0.24 -1.44	-3.60 0.11 -1.35	6.47 -0.07 -0.88	5.53 0.03 -0.75	0.58 0.00 -1.41	8.99 -0.03 -1.16	33.53 -0.02 0.00	18.02 0.09 -0.20	-1.18 0.01 -0.98

HDSNBRDG_115KV_BRDG_TB1 355580	1.96 0.00 -2.11	3.06 -0.03 -1.69	1.12 0.01 -1.90	2.47 -0.02 -1.70	5.35 -0.07 -1.49	7.90 -0.12 -1.39	5.23 -0.06 -1.82	9.82 -0.15 -1.67	9.87 -0.15 -1.85	24.61 -0.46 -0.06	6.67 -0.09 -2.11	3.65 -0.03 -2.21	1.76 0.01 -2.24	1.46 0.01 -1.98	-0.40 0.07 -3.09	-3.34 0.18 -7.26	1.50 0.06 -6.50	7.94 -0.07 -2.35	6.69 -0.06 -2.00	2.95 0.01 -3.77	10.86 -0.11 -3.10	33.06 -0.49 0.00	17.94 -0.32 -0.53	0.49 0.03 -2.63
HELLGATE_13_KV_LD 55870	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.26 -17.34	24.88 0.62 -15.96	26.51 0.67 -17.66	27.69 2.06 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.08 -34.37	36.67 0.68 -28.13	36.31 2.77 0.00	24.05 1.50 -4.82	21.50 -0.18 -23.86
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.49 -13.25	21.07 0.26 -17.34	24.88 0.62 -15.96	26.51 0.67 -17.66	27.69 2.06 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.76 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.08 -34.37	36.67 0.68 -28.13	36.31 2.77 0.00	24.05 1.50 -4.82	21.50 -0.18 -23.86
HEMPSTEAD____ 23647	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.20	18.44 0.29 -14.22	20.41 0.53 -13.25	21.08 0.27 -17.34	24.86 0.60 -15.97	26.53 0.69 -17.67	27.75 2.12 -0.62	25.23 0.42 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.15 -0.35 -30.06	56.78 -0.89 -68.45	53.12 -0.40 -58.58	26.46 0.43 -20.37	22.43 0.39 -17.29	31.95 -0.08 -32.86	36.69 0.69 -28.14	36.35 2.80 0.00	24.11 1.55 -4.82	21.48 -0.21 -23.86
HEWLETT__69_KV_BK3 55828	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.06 -16.20	18.48 0.33 -14.22	20.48 0.59 -13.25	21.12 0.30 -17.34	24.91 0.65 -15.97	26.59 0.75 -17.67	27.94 2.31 -0.62	25.26 0.46 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	58.01 -0.92 -69.72	56.50 -0.40 -61.95	27.94 0.42 -21.86	23.59 0.39 -18.45	33.78 -0.09 -34.70	36.74 0.74 -28.14	36.62 3.07 0.00	24.24 1.68 -4.82	21.46 -0.23 -23.86
HICKLING___1 23621	4.85 0.00 -5.00	5.42 0.00 -4.01	3.72 0.00 -4.52	4.83 0.00 -4.03	7.51 0.03 -3.54	10.66 0.05 -3.97	7.83 0.02 -4.33	12.36 0.08 -3.99	12.67 0.08 -4.42	25.47 0.31 -0.16	9.73 0.04 -5.04	6.74 0.00 -5.27	4.86 0.00 -5.35	4.18 0.00 -4.71	3.85 -0.01 -7.42	6.69 -0.01 -17.49	10.48 -0.06 -15.59	11.26 0.05 -5.55	9.48 0.02 -4.71	8.01 -0.01 -8.86	15.44 0.06 -7.52	35.37 0.19 -1.63	19.40 0.02 -1.64	3.98 -0.03 -6.18
HICKLING___2 23622	4.85 0.00 -5.00	5.42 0.00 -4.01	3.72 0.00 -4.52	4.83 0.00 -4.03	7.51 0.03 -3.54	10.66 0.05 -3.97	7.83 0.02 -4.33	12.36 0.08 -3.99	12.67 0.08 -4.42	25.47 0.31 -0.16	9.73 0.04 -5.04	6.74 0.00 -5.27	4.86 0.00 -5.35	4.18 0.00 -4.71	3.85 -0.01 -7.42	6.69 -0.01 -17.49	10.48 -0.06 -15.59	11.26 0.05 -5.55	9.48 0.02 -4.71	8.01 -0.01 -8.86	15.44 0.06 -7.52	35.37 0.19 -1.63	19.40 0.02 -1.64	3.98 -0.03 -6.18
HIGH FALLS___HY 23754	19.00 -0.01 -19.15	16.86 0.10 -15.36	16.45 -0.05 -17.30	16.29 0.05 -15.44	17.75 0.27 -13.56	19.75 0.48 -12.64	20.26 0.25 -16.53	24.09 0.58 -15.22	25.62 0.60 -16.85	27.41 1.81 -0.60	24.21 0.34 -19.22	21.66 0.11 -20.08	19.88 -0.04 -20.41	17.41 -0.05 -17.98	24.35 -0.30 -28.21	54.61 -0.87 -66.27	53.06 -0.40 -58.52	26.72 0.45 -20.61	22.59 0.40 -17.44	31.91 -0.07 -32.82	35.58 0.70 -27.02	36.38 2.84 0.00	23.84 1.48 -4.63	20.55 -0.18 -22.91
HILLBURN___GT 23639	19.06 -0.01 -19.21	16.90 0.09 -15.41	16.51 -0.05 -17.36	16.34 0.05 -15.49	17.79 0.26 -13.60	19.77 0.46 -12.68	20.30 0.24 -16.59	24.12 0.56 -15.27	25.66 0.59 -16.90	27.40 1.80 -0.60	24.27 0.34 -19.28	21.73 0.11 -20.15	19.95 -0.04 -20.47	17.46 -0.05 -18.04	24.42 -0.32 -28.30	54.78 -0.92 -66.48	53.22 -0.42 -58.71	26.79 0.46 -20.66	22.60 0.39 -17.46	31.99 -0.07 -32.89	35.40 0.62 -26.92	36.06 2.51 0.00	23.68 1.33 -4.61	20.49 -0.17 -22.83
HILLSIDE_115KV_TB1 80332	5.01 0.00 -5.16	5.54 0.00 -4.14	3.87 0.00 -4.66	4.96 0.00 -4.16	7.61 0.02 -3.65	10.66 0.03 -4.00	7.95 0.01 -4.46	12.44 0.04 -4.11	12.77 0.05 -4.55	25.35 0.18 -0.16	9.85 0.02 -5.19	6.88 0.00 -5.42	5.02 0.00 -5.51	4.33 0.00 -4.85	4.08 -0.01 -7.65	7.28 0.03 -18.03	11.02 -0.01 -16.08	11.40 0.01 -5.73	9.60 0.00 -4.85	8.29 0.00 -9.13	15.57 0.00 -7.71	34.79 -0.13 -1.36	19.23 -0.12 -1.61	4.19 0.00 -6.37
HISHELDN_WT_PWR 323625	3.55 0.00 -3.69	4.31 -0.06 -2.96	2.56 0.02 -3.34	3.74 -0.03 -2.98	6.39 -0.16 -2.62	4.54 -0.30 1.79	6.56 -0.17 -3.26	10.81 -0.48 -3.00	11.04 -0.46 -3.32	23.79 -1.34 -0.13	8.19 -0.26 -3.79	5.34 -0.09 -3.96	3.56 0.03 -4.02	3.05 0.03 -3.55	3.78 0.24 -7.10	3.20 0.68 -13.30	7.14 0.19 -12.00	9.36 -0.35 -4.04	7.84 -0.34 -3.43	5.68 0.05 -6.45	13.56 -0.48 -6.18	37.83 -1.82 -6.10	18.89 -1.21 -2.37	2.41 0.08 -4.50
HOLTSVILLE_IC_1 23690	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.49 0.34 -14.22	20.51 0.62 -13.25	21.13 0.31 -17.34	24.96 0.70 -15.97	26.63 0.79 -17.67	28.02 2.39 -0.62	25.29 0.48 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	57.82 -0.90 -69.50	55.89 -0.42 -61.36	27.70 0.45 -21.60	23.42 0.42 -18.25	33.45 -0.09 -34.38	36.78 0.79 -28.14	36.69 3.15 0.00	24.33 1.78 -4.82	21.45 -0.24 -23.86
HOLTSVILLE_IC_10 23699	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.36 -14.22	20.54 0.66 -13.25	21.14 0.33 -17.34	25.02 0.75 -15.97	26.69 0.85 -17.67	28.19 2.56 -0.62	25.32 0.51 -20.16	23.04 0.17 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.72 -0.99 -69.50	55.84 -0.46 -61.36	27.75 0.49 -21.60	23.46 0.46 -18.25	33.45 -0.10 -34.38	36.86 0.86 -28.14	36.99 3.44 0.00	24.47 1.92 -4.82	21.43 -0.26 -23.86
HOLTSVILLE_IC_2 23691	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.49 0.34 -14.22	20.51 0.62 -13.25	21.13 0.31 -17.34	24.96 0.70 -15.97	26.63 0.79 -17.67	28.02 2.39 -0.62	25.29 0.48 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	57.82 -0.90 -69.50	55.89 -0.42 -61.36	27.70 0.45 -21.60	23.42 0.42 -18.25	33.45 -0.09 -34.38	36.78 0.79 -28.14	36.69 3.15 0.00	24.33 1.78 -4.82	21.45 -0.24 -23.86
HOLTSVILLE_IC_3 23692	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.49 0.34 -14.22	20.51 0.62 -13.25	21.13 0.31 -17.34	24.96 0.70 -15.97	26.63 0.79 -17.67	28.02 2.39 -0.62	25.29 0.48 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	57.82 -0.90 -69.50	55.89 -0.42 -61.36	27.70 0.45 -21.60	23.42 0.42 -18.25	33.45 -0.09 -34.38	36.78 0.79 -28.14	36.69 3.15 0.00	24.33 1.78 -4.82	21.45 -0.24 -23.86

HOLTSVILLE_IC_4 23693	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.49 0.34 -14.22	20.51 0.62 -13.25	21.13 0.31 -17.34	24.96 0.70 -15.97	26.63 0.79 -17.67	28.02 2.39 -0.62	25.29 0.48 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	57.82 -0.90 -69.50	55.89 -0.42 -61.36	27.70 0.45 -21.60	23.42 0.42 -18.25	33.45 -0.09 -34.38	36.78 0.79 -28.14	36.69 3.15 0.00	24.33 1.78 -4.82	21.45 -0.24 -23.86
HOLTSVILLE_IC_5 23694	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.49 0.34 -14.22	20.51 0.62 -13.25	21.13 0.31 -17.34	24.96 0.70 -15.97	26.63 0.79 -17.67	28.02 2.39 -0.62	25.29 0.48 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.38 -30.06	57.82 -0.90 -69.50	55.89 -0.42 -61.36	27.70 0.45 -21.60	23.42 0.42 -18.25	33.45 -0.09 -34.38	36.78 0.79 -28.14	36.69 3.15 0.00	24.33 1.78 -4.82	21.45 -0.24 -23.86
HOLTSVILLE_IC_6 23695	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.36 -14.22	20.54 0.66 -13.25	21.14 0.33 -17.34	25.02 0.75 -15.97	26.69 0.85 -17.67	28.19 2.56 -0.62	25.32 0.51 -20.16	23.04 0.17 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.72 -0.99 -69.50	55.84 -0.46 -61.36	27.75 0.49 -21.60	23.46 0.46 -18.25	33.45 -0.10 -34.38	36.86 0.86 -28.14	36.99 3.44 0.00	24.47 1.92 -4.82	21.43 -0.26 -23.86
HOLTSVILLE_IC_7 23696	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.36 -14.22	20.54 0.66 -13.25	21.14 0.33 -17.34	25.02 0.75 -15.97	26.69 0.85 -17.67	28.19 2.56 -0.62	25.32 0.51 -20.16	23.04 0.17 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.72 -0.99 -69.50	55.84 -0.46 -61.36	27.75 0.49 -21.60	23.46 0.46 -18.25	33.45 -0.10 -34.38	36.86 0.86 -28.14	36.99 3.44 0.00	24.47 1.92 -4.82	21.43 -0.26 -23.86
HOLTSVILLE_IC_8 23697	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.36 -14.22	20.54 0.66 -13.25	21.14 0.33 -17.34	25.02 0.75 -15.97	26.69 0.85 -17.67	28.19 2.56 -0.62	25.32 0.51 -20.16	23.04 0.17 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.72 -0.99 -69.50	55.84 -0.46 -61.36	27.75 0.49 -21.60	23.46 0.46 -18.25	33.45 -0.10 -34.38	36.86 0.86 -28.14	36.99 3.44 0.00	24.47 1.92 -4.82	21.43 -0.26 -23.86
HOLTSVILLE_IC_9 23698	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.36 -14.22	20.54 0.66 -13.25	21.14 0.33 -17.34	25.02 0.75 -15.97	26.69 0.85 -17.67	28.19 2.56 -0.62	25.32 0.51 -20.16	23.04 0.17 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.72 -0.99 -69.50	55.84 -0.46 -61.36	27.75 0.49 -21.60	23.46 0.46 -18.25	33.45 -0.10 -34.38	36.86 0.86 -28.14	36.99 3.44 0.00	24.47 1.92 -4.82	21.43 -0.26 -23.86
HOMER_HL_115KV_TB2 355744	3.73 -0.01 -3.89	4.54 0.02 -3.12	2.68 -0.03 -3.51	3.94 0.02 -3.13	6.78 0.10 -2.75	8.95 0.16 -2.16	6.89 0.08 -3.35	11.49 0.12 -3.08	11.69 0.12 -3.41	25.79 0.66 -0.13	8.61 0.07 -3.89	5.54 0.01 -4.06	3.63 0.00 -4.13	3.10 -0.01 -3.64	1.99 -0.01 -5.55	2.05 0.03 -12.80	6.24 -0.10 -11.39	9.69 -0.03 -4.05	8.09 -0.10 -3.44	5.64 0.01 -6.47	14.11 -0.10 -6.36	40.66 -0.16 -7.26	20.12 -0.27 -2.65	2.30 -0.04 -4.51
HOWARD_WT_PWR 323690	4.10 0.01 -4.24	4.73 -0.07 -3.40	3.07 0.03 -3.83	4.17 -0.04 -3.42	6.73 -0.20 -3.00	13.72 -0.33 -7.41	6.90 -0.05 -3.48	11.42 -0.08 -3.21	11.70 -0.02 -3.55	25.00 -0.14 -0.13	8.60 -0.10 -4.05	5.66 -0.04 -4.23	3.83 0.02 -4.30	3.28 0.02 -3.79	3.61 0.17 -7.00	3.88 0.50 -14.17	7.82 0.14 -12.74	9.84 -0.21 -4.38	8.34 -0.13 -3.73	6.19 0.01 -7.01	13.69 -0.25 -6.09	34.87 -0.92 -2.24	18.90 -0.36 -1.52	2.68 -0.03 -4.89
HQ_GEN_CEDARS 23644	1.58 0.00 -1.72	1.83 -0.02 -0.46	-0.78 0.01 0.00	0.78 -0.02 0.00	3.87 -0.06 0.00	6.53 -0.10 0.00	3.42 -0.06 0.00	8.16 -0.14 0.00	8.02 -0.15 0.00	24.54 -0.47 0.00	4.55 -0.10 0.00	1.44 -0.03 0.00	-3.57 0.01 3.09	-19.59 0.02 19.07	-20.28 0.09 16.82	-21.63 0.27 11.11	-14.15 0.13 9.23	5.54 -0.12 0.00	4.65 -0.10 0.00	-0.81 0.02 0.00	7.69 -0.17 0.00	32.94 -0.60 0.00	17.51 -0.22 0.00	-2.14 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	1.58 0.00 -1.72	1.83 -0.02 -0.46	-0.78 0.01 0.00	0.78 -0.02 0.00	3.87 -0.06 0.00	6.53 -0.11 0.00	3.42 -0.06 0.00	8.72 -0.14 -0.56	8.02 -0.15 0.00	24.99 -0.47 -0.46	4.55 -0.10 0.00	1.44 -0.03 0.00	-3.57 0.01 3.09	-19.59 0.02 19.07	-20.28 0.09 16.82	-21.63 0.27 11.11	-13.00 0.13 8.07	5.54 -0.12 0.00	4.65 -0.10 0.00	-0.81 0.02 0.00	7.68 -0.17 0.00	32.95 -0.60 0.00	17.52 -0.22 0.00	-2.14 0.03 0.00
HQ_GEN_IMPORT 323601	-0.15 0.00 0.00	1.38 -0.02 0.00	-0.79 0.01 0.00	0.78 -0.01 0.00	3.94 -0.05 -0.06	6.55 -0.09 0.00	3.42 -0.05 0.00	8.19 -0.11 0.00	8.07 -0.10 0.00	24.71 -0.30 0.00	4.59 -0.06 0.00	1.45 -0.02 0.00	-1.15 0.01 0.66	-4.61 0.01 4.09	-7.13 0.05 3.63	-13.03 0.16 2.41	-6.97 0.09 2.00	5.58 -0.08 0.00	4.68 -0.07 0.00	-0.82 0.01 0.00	7.74 -0.12 0.00	33.06 -0.49 0.00	17.49 -0.24 0.00	-2.25 0.04 0.10
HQ_GEN_WHEEL 23651	-0.15 0.00 0.00	1.38 -0.02 0.00	-0.79 0.01 0.00	0.78 -0.01 0.00	3.94 -0.05 -0.06	6.55 -0.09 0.00	3.42 -0.05 0.00	8.19 -0.11 0.00	8.07 -0.10 0.00	24.71 -0.30 0.00	4.59 -0.06 0.00	1.45 -0.02 0.00	-1.15 0.01 0.66	-4.61 0.01 4.09	-7.13 0.05 3.63	-13.03 0.16 2.41	-6.97 0.09 2.00	5.58 -0.08 0.00	4.68 -0.07 0.00	-0.82 0.01 0.00	7.74 -0.12 0.00	33.06 -0.49 0.00	17.49 -0.24 0.00	-2.25 0.04 0.10
HUDSON_AVE_GT_3 23810	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.51 0.68 -17.66	27.74 2.11 -0.62	25.20 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.68 -1.02 -69.49	55.83 -0.47 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.08 -34.37	36.68 0.69 -28.13	36.37 2.82 0.00	24.08 1.53 -4.82	21.49 -0.19 -23.86
HUDSON_AVE_GT_4 23540	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.51 0.68 -17.66	27.74 2.11 -0.62	25.20 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.68 -1.02 -69.49	55.83 -0.47 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.08 -34.37	36.68 0.69 -28.13	36.37 2.82 0.00	24.08 1.53 -4.82	21.49 -0.19 -23.86
HUDSON_AVE_GT_5 23657	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.51 0.68 -17.66	27.74 2.11 -0.62	25.20 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.68 -1.02 -69.49	55.83 -0.47 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.08 -34.37	36.68 0.69 -28.13	36.37 2.82 0.00	24.08 1.53 -4.82	21.49 -0.19 -23.86

HUDSON_AVE_10 24168	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.67 2.04 -0.62	25.18 0.38 -20.15	22.64 0.12 -21.05	20.86 -0.05 -21.40	18.28 -0.05 -18.85	25.67 -0.34 -29.57	57.72 -0.98 -69.49	55.85 -0.44 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.46 -0.07 -34.37	36.66 0.66 -28.13	36.27 2.72 0.00	24.04 1.48 -4.82	21.50 -0.18 -23.86
HUDSON___115KV_TB 4 355613	23.27 -0.01 -23.43	20.28 0.07 -18.80	20.33 -0.04 -21.17	19.73 0.04 -18.90	20.74 0.22 -16.59	22.46 0.36 -15.46	23.89 0.19 -20.22	27.37 0.46 -18.62	29.21 0.43 -20.61	26.93 1.20 -0.73	28.37 0.21 -23.51	26.10 0.07 -24.56	24.46 -0.02 -24.96	21.44 -0.03 -22.00	30.77 -0.17 -34.50	69.75 -0.52 -81.05	66.26 -0.24 -71.56	31.16 0.30 -25.20	26.32 0.25 -21.32	39.25 -0.05 -40.13	41.32 0.47 -32.98	35.55 2.00 0.00	24.39 1.01 -5.65	25.67 -0.12 -27.97
HUNTER MOUNT___DRP 323613	22.59 -0.01 -22.74	19.72 0.08 -18.24	19.71 -0.04 -20.55	19.17 0.04 -18.34	20.25 0.22 -16.10	22.02 0.37 -15.01	23.30 0.20 -19.63	26.85 0.48 -18.07	28.60 0.44 -20.00	26.91 1.20 -0.71	27.67 0.20 -22.81	25.37 0.06 -23.84	23.72 -0.02 -24.23	20.79 -0.02 -21.34	29.76 -0.16 -33.48	67.36 -0.51 -78.66	64.15 -0.24 -69.44	30.42 0.31 -24.45	25.70 0.26 -20.69	38.06 -0.05 -38.95	40.37 0.50 -32.02	35.64 2.09 0.00	24.27 1.05 -5.48	24.86 -0.12 -27.15
HUNTINGTON_RES_REC 323705	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.46 0.32 -14.22	20.47 0.58 -13.25	21.11 0.29 -17.34	24.91 0.65 -15.97	26.59 0.75 -17.67	27.90 2.27 -0.62	25.26 0.46 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.83 -0.88 -69.50	55.89 -0.42 -61.36	27.70 0.44 -21.60	23.41 0.41 -18.25	33.46 -0.09 -34.38	36.76 0.77 -28.14	36.60 3.05 0.00	24.27 1.72 -4.82	21.45 -0.23 -23.86
HUNTLEY___63 23557	3.15 0.00 -3.30	3.99 -0.05 -2.65	2.19 0.01 -2.98	3.42 -0.03 -2.66	6.14 -0.13 -2.33	7.15 -0.27 -0.78	6.17 -0.17 -2.87	10.42 -0.51 -2.64	10.59 -0.50 -2.92	23.61 -1.51 -0.10	7.72 -0.26 -3.33	4.87 -0.08 -3.48	3.08 0.03 -3.54	2.61 0.02 -3.12	1.45 0.22 -4.79	0.95 0.63 -11.10	4.94 0.14 -9.86	8.85 -0.31 -3.51	7.39 -0.34 -2.98	4.82 0.05 -5.60	12.62 -0.57 -5.33	36.41 -2.20 -5.06	18.34 -1.40 -2.00	1.83 0.10 -3.91
HUNTLEY___64 23558	3.15 0.00 -3.30	3.99 -0.05 -2.65	2.19 0.01 -2.98	3.42 -0.03 -2.66	6.14 -0.13 -2.33	7.15 -0.27 -0.78	6.17 -0.17 -2.87	10.42 -0.51 -2.64	10.59 -0.50 -2.92	23.61 -1.51 -0.10	7.72 -0.26 -3.33	4.87 -0.08 -3.48	3.08 0.03 -3.54	2.61 0.02 -3.12	1.45 0.22 -4.79	0.95 0.63 -11.10	4.94 0.14 -9.86	8.85 -0.31 -3.51	7.39 -0.34 -2.98	4.82 0.05 -5.60	12.62 -0.57 -5.33	36.41 -2.20 -5.06	18.34 -1.40 -2.00	1.83 0.10 -3.91
HUNTLEY___65 23559	3.15 0.00 -3.30	3.99 -0.05 -2.65	2.19 0.01 -2.98	3.42 -0.03 -2.66	6.14 -0.13 -2.33	7.15 -0.27 -0.78	6.17 -0.17 -2.87	10.42 -0.51 -2.64	10.59 -0.50 -2.92	23.61 -1.51 -0.10	7.72 -0.26 -3.33	4.87 -0.08 -3.48	3.08 0.03 -3.54	2.61 0.02 -3.12	1.45 0.22 -4.79	0.95 0.63 -11.10	4.94 0.14 -9.86	8.85 -0.31 -3.51	7.39 -0.34 -2.98	4.82 0.05 -5.60	12.62 -0.57 -5.33	36.41 -2.20 -5.06	18.34 -1.40 -2.00	1.83 0.10 -3.91
HUNTLEY___66 23560	3.15 0.00 -3.30	3.99 -0.05 -2.65	2.19 0.01 -2.98	3.42 -0.03 -2.66	6.14 -0.13 -2.33	7.15 -0.27 -0.78	6.17 -0.17 -2.87	10.42 -0.51 -2.64	10.59 -0.50 -2.92	23.61 -1.51 -0.10	7.72 -0.26 -3.33	4.87 -0.08 -3.48	3.08 0.03 -3.54	2.61 0.02 -3.12	1.45 0.22 -4.79	0.95 0.63 -11.10	4.94 0.14 -9.86	8.85 -0.31 -3.51	7.39 -0.34 -2.98	4.82 0.05 -5.60	12.62 -0.57 -5.33	36.41 -2.20 -5.06	18.34 -1.40 -2.00	1.83 0.10 -3.91
HUNTLEY___67 23561	3.20 0.00 -3.35	4.03 -0.06 -2.68	2.24 0.01 -3.02	3.46 -0.03 -2.70	6.15 -0.15 -2.37	6.95 -0.30 -0.62	6.21 -0.17 -2.91	10.46 -0.51 -2.68	10.63 -0.50 -2.96	23.65 -1.48 -0.12	7.77 -0.26 -3.38	4.92 -0.08 -3.53	3.13 0.03 -3.59	2.67 0.03 -3.16	1.54 0.23 -4.87	1.14 0.65 -11.27	5.11 0.15 -10.01	8.89 -0.33 -3.56	7.43 -0.34 -3.02	4.91 0.05 -5.68	15.14 -0.57 -7.86	53.62 -2.25 -22.32	22.48 -1.40 -6.14	1.89 0.10 -3.97
HUNTLEY___68 23562	3.20 0.00 -3.35	4.03 -0.06 -2.68	2.24 0.01 -3.02	3.46 -0.03 -2.70	6.15 -0.15 -2.37	6.95 -0.30 -0.62	6.21 -0.17 -2.91	10.46 -0.51 -2.68	10.63 -0.50 -2.96	23.65 -1.48 -0.12	7.77 -0.26 -3.38	4.92 -0.08 -3.53	3.13 0.03 -3.59	2.67 0.03 -3.16	1.54 0.23 -4.87	1.14 0.65 -11.27	5.11 0.15 -10.01	8.89 -0.33 -3.56	7.43 -0.34 -3.02	4.91 0.05 -5.68	15.14 -0.57 -7.86	53.62 -2.25 -22.32	22.48 -1.40 -6.14	1.89 0.10 -3.97
HYLAND___LFGE 323620	3.43 0.00 -3.57	4.27 0.00 -2.87	2.42 -0.01 -3.23	3.67 0.00 -2.88	6.47 0.01 -2.53	14.18 0.02 -7.52	6.44 0.09 -2.88	11.10 0.15 -2.65	11.08 -0.02 -2.93	24.89 -0.22 -0.10	7.91 -0.08 -3.34	4.93 -0.03 -3.50	3.08 0.01 -3.55	2.62 0.02 -3.13	2.41 0.11 -5.87	1.21 0.30 -11.69	5.47 0.02 -10.50	9.17 -0.10 -3.60	7.77 -0.04 -3.06	4.91 -0.02 -5.76	12.69 0.09 -4.74	34.04 0.49 0.00	18.68 0.14 -0.81	1.77 -0.08 -4.02
INDECK___CORINTH 23802	24.91 0.00 -25.06	21.52 0.02 -20.10	21.83 -0.01 -22.64	21.01 0.02 -20.21	21.73 0.07 -17.74	23.30 0.13 -16.54	25.22 0.08 -21.67	28.47 0.23 -19.95	30.44 0.19 -22.08	26.30 0.52 -0.78	29.93 0.10 -25.19	27.81 0.03 -26.32	26.25 -0.01 -26.75	23.03 -0.01 -23.57	33.33 -0.07 -36.96	75.82 -0.23 -86.84	71.45 -0.13 -76.63	32.76 0.17 -26.94	27.67 0.13 -22.79	42.04 -0.02 -42.89	43.39 0.27 -35.25	34.58 1.03 0.00	24.25 0.48 -6.03	27.66 -0.06 -29.90
INDECK___ILION 23567	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.93 0.00 0.00	6.65 0.01 0.00	3.48 0.01 0.00	8.31 0.02 0.00	8.18 0.00 0.00	25.00 -0.01 0.00	4.65 0.00 0.00	1.46 0.00 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.81 0.01 -0.75	-10.29 0.00 -0.50	-4.66 -0.01 -0.41	5.65 -0.01 0.00	4.75 -0.01 0.00	-0.83 0.00 0.00	7.91 0.05 0.00	33.73 0.18 0.00	17.81 0.07 0.00	-2.19 -0.01 0.00
INDECK___OLEAN 23982	3.73 -0.01 -3.89	4.54 0.03 -3.12	2.68 -0.03 -3.51	3.94 0.02 -3.13	6.78 0.10 -2.75	8.95 0.16 -2.16	6.90 0.08 -3.35	11.49 0.12 -3.08	11.70 0.12 -3.41	25.79 0.66 -0.13	8.61 0.07 -3.89	5.54 0.01 -4.06	3.63 0.00 -4.13	3.10 -0.01 -3.64	4.39 -0.01 -7.96	2.82 0.02 -13.58	7.19 -0.09 -12.34	9.66 -0.06 -4.05	8.09 -0.09 -3.44	5.64 0.01 -6.47	14.11 -0.10 -6.36	40.68 -0.13 -7.26	20.09 -0.29 -2.65	2.30 -0.04 -4.51
INDECK___OSWEGO 23783	1.74 0.01 -1.89	2.87 -0.05 -1.51	0.93 0.03 -1.71	2.28 -0.03 -1.53	5.13 -0.13 -1.34	7.65 -0.22 -1.25	4.99 -0.11 -1.63	9.51 -0.28 -1.50	9.55 -0.28 -1.66	24.18 -0.89 -0.06	6.38 -0.17 -1.89	3.39 -0.05 -1.98	1.44 0.02 -1.92	0.68 0.02 -1.19	-1.17 0.13 -2.26	-4.25 0.38 -6.16	0.34 0.14 -5.26	7.34 -0.21 -1.89	6.20 -0.17 -1.62	2.24 0.03 -3.04	10.07 -0.29 -2.51	32.30 -1.25 0.00	17.46 -0.71 -0.43	0.03 0.08 -2.13

INDECK___YERKES 23781	3.15 0.00 -3.30	3.99 -0.05 -2.65	2.19 0.01 -2.98	3.42 -0.03 -2.66	6.14 -0.12 -2.33	7.15 -0.26 -0.78	6.18 -0.16 -2.87	10.43 -0.51 -2.64	10.61 -0.48 -2.92	23.63 -1.48 -0.10	7.73 -0.25 -3.33	4.87 -0.08 -3.48	3.08 0.03 -3.54	2.61 0.02 -3.12	3.20 0.21 -6.54	1.49 0.61 -11.66	5.64 0.14 -10.55	8.84 -0.32 -3.51	7.40 -0.33 -2.98	4.82 0.05 -5.60	12.63 -0.55 -5.33	36.49 -2.12 -5.06	18.33 -1.41 -2.00	1.82 0.09 -3.91
INDIAN POINT_GT_1 24139	19.78 -0.01 -19.94	17.49 0.09 -16.00	17.17 -0.05 -18.02	16.92 0.05 -16.08	18.29 0.25 -14.12	20.24 0.44 -13.16	20.93 0.23 -17.22	24.70 0.55 -15.85	26.31 0.59 -17.54	27.43 1.80 -0.62	25.01 0.35 -20.01	22.49 0.11 -20.91	20.72 -0.04 -21.25	18.15 -0.05 -18.73	25.50 -0.31 -29.37	57.33 -0.90 -69.01	55.46 -0.41 -60.93	27.56 0.45 -21.44	23.25 0.39 -18.12	33.23 -0.07 -34.13	36.37 0.62 -27.90	36.05 2.50 0.00	23.85 1.34 -4.77	21.31 -0.17 -23.66
INDIAN POINT_GT_2 23659	19.78 -0.01 -19.94	17.49 0.09 -16.00	17.17 -0.05 -18.02	16.92 0.05 -16.08	18.29 0.25 -14.12	20.24 0.44 -13.16	20.93 0.23 -17.22	24.70 0.55 -15.85	26.31 0.59 -17.54	27.43 1.80 -0.62	25.01 0.35 -20.01	22.49 0.11 -20.91	20.72 -0.04 -21.25	18.15 -0.05 -18.73	25.50 -0.31 -29.37	57.33 -0.90 -69.01	55.46 -0.41 -60.93	27.56 0.45 -21.44	23.25 0.39 -18.12	33.23 -0.07 -34.13	36.37 0.62 -27.90	36.05 2.50 0.00	23.85 1.34 -4.77	21.31 -0.17 -23.66
INDIAN POINT_GT_3 24019	19.78 -0.01 -19.94	17.49 0.09 -16.00	17.17 -0.05 -18.02	16.92 0.05 -16.08	18.29 0.25 -14.12	20.24 0.44 -13.16	20.93 0.23 -17.22	24.70 0.55 -15.85	26.31 0.59 -17.54	27.43 1.80 -0.62	25.01 0.35 -20.01	22.49 0.11 -20.91	20.72 -0.04 -21.25	18.15 -0.05 -18.73	25.50 -0.31 -29.37	57.33 -0.90 -69.01	55.46 -0.41 -60.93	27.56 0.45 -21.44	23.25 0.39 -18.12	33.23 -0.07 -34.13	36.37 0.62 -27.90	36.05 2.50 0.00	23.85 1.34 -4.77	21.31 -0.17 -23.66
INDIAN POINT___2 23530	19.59 -0.01 -19.74	17.33 0.09 -15.84	16.99 -0.05 -17.84	16.76 0.05 -15.93	18.16 0.25 -13.98	20.11 0.45 -13.03	20.76 0.23 -17.05	24.54 0.56 -15.70	26.13 0.59 -17.37	27.42 1.80 -0.61	24.81 0.34 -19.82	22.28 0.11 -20.71	20.51 -0.04 -21.04	17.96 -0.05 -18.54	25.21 -0.31 -29.08	56.64 -0.90 -68.33	54.86 -0.42 -60.33	27.34 0.45 -21.23	23.06 0.39 -17.93	32.88 -0.07 -33.78	36.05 0.62 -27.57	36.05 2.50 0.00	23.79 1.34 -4.72	21.04 -0.17 -23.38
INDIAN POINT___3 23531	19.79 -0.01 -19.95	17.50 0.09 -16.00	17.18 -0.05 -18.02	16.93 0.05 -16.09	18.30 0.24 -14.12	20.24 0.44 -13.17	20.93 0.23 -17.23	24.70 0.55 -15.86	26.31 0.58 -17.55	27.42 1.79 -0.62	25.01 0.34 -20.02	22.50 0.11 -20.92	20.73 -0.04 -21.26	18.16 -0.05 -18.73	25.52 -0.31 -29.39	57.36 -0.89 -69.04	55.49 -0.41 -60.96	27.56 0.44 -21.45	23.25 0.38 -18.12	33.24 -0.07 -34.14	36.38 0.61 -27.91	36.03 2.48 0.00	23.83 1.32 -4.78	21.32 -0.17 -23.67
INGHAM_C_115KV_TB7 356103	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.92 0.00 0.00	6.63 -0.01 0.00	3.48 0.00 0.00	8.29 0.00 0.00	8.14 -0.03 0.00	24.86 -0.15 0.00	4.63 -0.02 0.00	1.45 -0.01 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.78 0.03 -0.75	-10.22 0.07 -0.50	-4.64 0.00 -0.41	5.61 -0.06 0.00	4.72 -0.03 0.00	-0.83 0.00 0.00	7.92 0.06 0.00	33.72 0.17 0.00	17.80 0.07 0.00	-2.19 -0.01 0.00
IP CORINTH___1 23988	24.90 0.00 -25.06	21.53 0.03 -20.10	21.82 -0.02 -22.64	21.01 0.02 -20.21	21.76 0.09 -17.74	23.34 0.17 -16.54	25.24 0.10 -21.67	28.52 0.27 -19.95	30.49 0.24 -22.08	26.43 0.64 -0.78	29.96 0.13 -25.19	27.82 0.04 -26.32	26.25 -0.01 -26.75	23.03 -0.02 -23.57	33.31 -0.09 -36.96	75.76 -0.29 -86.84	71.42 -0.16 -76.63	32.79 0.19 -26.94	27.70 0.16 -22.79	42.04 -0.02 -42.89	43.43 0.32 -35.25	34.78 1.23 0.00	24.34 0.57 -6.03	27.65 -0.07 -29.90
IP___TICONDEROGA 23804	24.86 -0.01 -25.02	21.57 0.09 -20.07	21.75 -0.05 -22.61	21.03 0.06 -20.18	21.96 0.32 -17.71	23.71 0.56 -16.51	25.43 0.32 -21.64	29.01 0.80 -19.92	30.89 0.67 -22.05	27.68 1.90 -0.78	30.16 0.36 -25.15	27.86 0.11 -26.28	26.19 -0.03 -26.71	22.97 -0.04 -23.53	33.09 -0.26 -36.91	75.05 -0.89 -86.71	70.99 -0.48 -76.52	33.12 0.56 -26.90	27.97 0.46 -22.76	41.93 -0.07 -42.84	43.94 0.87 -35.21	36.89 3.34 0.00	25.36 1.60 -6.03	27.48 -0.21 -29.86
ISLIP_RES_REC 323679	19.92 -0.01 -20.08	17.64 0.13 -16.11	17.28 -0.07 -18.14	17.06 0.07 -16.20	18.52 0.38 -14.22	20.58 0.69 -13.25	21.16 0.35 -17.34	25.06 0.80 -15.97	26.74 0.90 -17.67	28.34 2.71 -0.62	25.34 0.54 -20.16	23.05 0.17 -21.41	24.83 -0.06 -25.38	23.51 -0.07 -24.11	26.07 -0.42 -30.06	57.65 -1.07 -69.50	55.81 -0.50 -61.36	27.79 0.54 -21.60	23.50 0.49 -18.25	33.44 -0.11 -34.38	36.91 0.91 -28.14	37.21 3.66 0.00	24.58 2.03 -4.82	21.42 -0.27 -23.86
JAMAICA__27_KV_LOAD 355505	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.28 -0.06 -18.14	17.04 0.06 -16.19	18.43 0.28 -14.21	20.39 0.51 -13.25	21.08 0.27 -17.34	24.92 0.66 -15.96	26.54 0.70 -17.66	27.83 2.20 -0.62	25.20 0.40 -20.15	22.65 0.13 -21.05	20.86 -0.05 -21.40	18.27 -0.05 -18.85	25.65 -0.36 -29.57	57.66 -1.04 -69.49	55.82 -0.48 -61.35	27.78 0.52 -21.59	23.44 0.44 -18.25	33.46 -0.08 -34.37	36.71 0.72 -28.13	36.53 2.98 0.00	24.20 1.65 -4.82	21.48 -0.20 -23.86
JANIS___SOLAR 323808	5.12 -0.01 -5.27	5.66 0.03 -4.23	3.94 -0.02 -4.76	5.06 0.02 -4.25	7.77 0.11 -3.73	10.67 0.22 -3.82	8.15 0.14 -4.55	12.78 0.30 -4.18	12.98 0.18 -4.63	25.50 0.33 -0.16	9.95 0.01 -5.28	6.99 0.00 -5.52	5.12 0.00 -5.61	4.42 0.00 -4.95	4.21 0.00 -7.77	7.43 -0.07 -18.29	11.18 -0.08 -16.32	11.61 0.12 -5.83	9.85 0.16 -4.94	8.43 -0.04 -9.29	15.85 0.35 -7.65	34.80 1.25 0.00	19.60 0.55 -1.31	4.24 -0.08 -6.49
JARVIS____ 23743	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.93 0.00 0.00	6.63 0.00 0.00	3.47 0.00 0.00	8.29 0.00 0.00	8.17 0.00 0.00	25.00 0.00 0.00	4.65 0.00 0.00	1.47 0.00 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.81 0.00 -0.75	-10.29 0.00 -0.50	-4.65 -0.01 -0.41	5.66 0.00 0.00	4.75 0.00 0.00	-0.83 0.00 0.00	7.87 0.01 0.00	33.58 0.03 0.00	17.75 0.02 0.00	-2.18 0.00 0.00
JENNISON___1 23625	6.42 -0.01 -6.58	6.73 0.05 -5.28	5.11 -0.03 -5.94	6.12 0.03 -5.30	8.75 0.16 -4.66	11.28 0.31 -4.34	9.34 0.18 -5.68	13.94 0.42 -5.23	14.30 0.34 -5.79	26.16 0.95 -0.20	11.41 0.15 -6.61	8.41 0.04 -6.90	6.51 -0.01 -7.01	5.64 -0.02 -6.18	6.04 -0.11 -9.72	11.71 -0.38 -22.86	15.09 -0.20 -20.35	13.13 0.24 -7.23	11.09 0.22 -6.12	10.63 -0.04 -11.51	17.74 0.42 -9.47	35.13 1.57 0.00	20.11 0.76 -1.62	5.76 -0.10 -8.03
JENNISON___2 23626	6.42 -0.01 -6.58	6.73 0.05 -5.28	5.11 -0.03 -5.94	6.12 0.03 -5.30	8.75 0.16 -4.66	11.28 0.31 -4.34	9.34 0.18 -5.68	13.94 0.42 -5.23	14.30 0.34 -5.79	26.16 0.95 -0.20	11.41 0.15 -6.61	8.41 0.04 -6.90	6.51 -0.01 -7.01	5.64 -0.02 -6.18	6.04 -0.11 -9.72	11.71 -0.38 -22.86	15.09 -0.20 -20.35	13.13 0.24 -7.23	11.09 0.22 -6.12	10.63 -0.04 -11.51	17.74 0.42 -9.47	35.13 1.57 0.00	20.11 0.76 -1.62	5.76 -0.10 -8.03

JERICO_RISE_WT_PWR 323719	-22.55 0.01 22.41	-4.60 -0.08 5.92	-0.75 0.05 0.00	0.75 -0.03 0.00	3.77 -0.16 0.00	6.37 -0.27 0.00	3.35 -0.13 0.00	8.01 -0.28 0.00	7.91 -0.26 0.00	24.28 -0.73 0.00	4.48 -0.17 0.00	1.40 -0.06 0.00	-3.69 0.02 3.22	-20.35 0.03 19.85	-21.01 0.05 17.49	-22.29 0.05 11.56	-14.65 0.00 9.60	5.70 0.04 0.00	4.70 -0.05 0.00	-0.82 0.02 0.00	7.92 0.06 0.00	33.65 0.10 0.00	17.68 -0.06 0.00	-2.16 0.02 0.00
KATONAH__115KV_46KV_TB4 355592	20.07 -0.01 -20.23	17.73 0.10 -16.23	17.43 -0.05 -18.28	17.16 0.06 -16.32	18.52 0.27 -14.32	20.47 0.48 -13.35	21.21 0.26 -17.47	25.02 0.66 -16.07	26.65 0.69 -17.79	27.74 2.11 -0.63	25.33 0.39 -20.29	22.80 0.13 -21.20	21.01 -0.05 -21.55	18.40 -0.05 -18.98	25.87 -0.35 -29.78	58.17 -1.02 -69.97	56.32 -0.45 -61.81	27.92 0.50 -21.76	23.59 0.45 -18.39	33.71 -0.08 -34.62	36.99 0.72 -28.40	36.51 2.96 0.00	24.14 1.54 -4.86	21.72 -0.19 -24.09
KCE_NY_1 323755	24.82 0.00 -24.98	21.50 0.06 -20.03	21.73 -0.03 -22.57	20.97 0.04 -20.14	21.78 0.17 -17.68	23.42 0.31 -16.48	25.23 0.17 -21.60	28.59 0.41 -19.89	30.56 0.39 -22.00	26.90 1.11 -0.78	29.96 0.20 -25.10	27.76 0.06 -26.23	26.15 -0.02 -26.66	22.94 -0.02 -23.49	33.12 -0.16 -36.84	75.26 -0.50 -86.54	71.08 -0.24 -76.38	32.80 0.29 -26.85	27.70 0.23 -22.72	41.88 -0.04 -42.76	43.42 0.42 -35.14	35.31 1.76 0.00	24.62 0.86 -6.02	27.52 -0.10 -29.80
KCE_NY_6_ESR 323823	3.34 0.00 -3.48	4.16 -0.04 -2.79	2.35 0.00 -3.15	3.58 -0.02 -2.81	6.30 -0.10 -2.46	7.03 -0.22 -0.61	6.38 -0.12 -3.03	10.70 -0.38 -2.79	10.88 -0.38 -3.09	24.03 -1.10 -0.12	7.98 -0.19 -3.52	5.08 -0.06 -3.68	3.27 0.02 -3.74	2.79 0.02 -3.30	3.60 0.18 -6.97	2.05 0.51 -12.33	6.20 0.09 -11.16	9.09 -0.27 -3.70	7.61 -0.28 -3.14	5.12 0.04 -5.91	13.88 -0.44 -6.46	43.17 -1.63 -11.24	20.11 -1.15 -3.52	2.02 0.07 -4.12
KEDC_PORT_JEFF_GT2 24210	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.35 -14.22	20.54 0.65 -13.25	21.14 0.32 -17.34	24.99 0.73 -15.97	26.67 0.83 -17.67	28.13 2.50 -0.62	25.30 0.50 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.11 -0.39 -30.06	57.75 -0.96 -69.50	55.86 -0.44 -61.36	27.72 0.47 -21.60	23.44 0.43 -18.25	33.45 -0.09 -34.38	36.84 0.84 -28.14	36.90 3.35 0.00	24.43 1.87 -4.82	21.43 -0.25 -23.86
KEDC_PORT_JEFF_GT3 24211	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.35 -14.22	20.54 0.65 -13.25	21.14 0.32 -17.34	24.99 0.73 -15.97	26.67 0.83 -17.67	28.13 2.50 -0.62	25.30 0.50 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.11 -0.39 -30.06	57.75 -0.96 -69.50	55.86 -0.44 -61.36	27.72 0.47 -21.60	23.44 0.43 -18.25	33.45 -0.09 -34.38	36.84 0.84 -28.14	36.90 3.35 0.00	24.43 1.87 -4.82	21.43 -0.25 -23.86
KEDC_GLWD_GT4 24219	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.30 -14.22	20.42 0.54 -13.25	21.09 0.27 -17.34	24.89 0.63 -15.97	26.54 0.70 -17.67	27.79 2.16 -0.62	25.24 0.43 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.16 -0.99 -68.93	54.36 -0.43 -59.85	27.04 0.45 -20.93	22.88 0.39 -17.73	32.64 -0.07 -33.55	36.73 0.73 -28.14	36.50 2.95 0.00	24.14 1.58 -4.82	21.48 -0.21 -23.86
KEDC_GLWD_GT5 24220	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.44 0.30 -14.22	20.42 0.54 -13.25	21.09 0.27 -17.34	24.89 0.63 -15.97	26.54 0.70 -17.67	27.79 2.16 -0.62	25.24 0.43 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.16 -0.99 -68.93	54.36 -0.43 -59.85	27.04 0.45 -20.93	22.88 0.39 -17.73	32.64 -0.07 -33.55	36.73 0.73 -28.14	36.50 2.95 0.00	24.14 1.58 -4.82	21.48 -0.21 -23.86
KENSICO____ 23655	19.90 -0.01 -20.06	17.58 0.09 -16.09	17.27 -0.05 -18.12	17.02 0.05 -16.17	18.38 0.26 -14.20	20.33 0.46 -13.23	21.03 0.24 -17.32	24.81 0.57 -15.94	26.42 0.61 -17.64	27.50 1.87 -0.62	25.14 0.36 -20.13	22.62 0.12 -21.03	20.84 -0.04 -21.37	18.26 -0.05 -18.83	25.66 -0.32 -29.54	57.70 -0.92 -69.40	55.80 -0.42 -61.28	27.69 0.46 -21.57	23.37 0.39 -18.22	33.42 -0.07 -34.33	36.58 0.63 -28.09	36.13 2.58 0.00	23.92 1.37 -4.81	21.47 -0.17 -23.82
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.84 -0.01 -18.00	15.94 0.10 -14.44	15.41 -0.05 -16.26	15.36 0.06 -14.52	16.94 0.27 -12.74	19.00 0.48 -11.88	19.27 0.26 -15.54	23.19 0.58 -14.31	24.60 0.60 -15.84	27.34 1.78 -0.56	23.05 0.33 -18.06	20.45 0.11 -18.88	18.65 -0.04 -19.18	16.33 -0.05 -16.90	22.67 -0.28 -26.51	50.69 -0.83 -62.30	49.58 -0.38 -55.01	25.47 0.43 -19.37	21.53 0.38 -16.40	29.96 -0.07 -30.86	33.97 0.69 -25.42	36.36 2.81 0.00	23.55 1.46 -4.35	19.20 -0.18 -21.55
KIAC_JFK_GT1 23816	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.40 0.25 -14.21	20.34 0.45 -13.25	21.05 0.24 -17.34	24.85 0.60 -15.96	26.47 0.64 -17.66	27.62 1.99 -0.62	25.16 0.37 -20.15	22.64 0.12 -21.05	20.87 -0.04 -21.40	18.28 -0.05 -18.85	25.68 -0.33 -29.57	57.77 -0.93 -69.49	55.88 -0.42 -61.35	27.72 0.46 -21.59	23.38 0.39 -18.25	33.47 -0.07 -34.37	36.63 0.64 -28.13	36.18 2.63 0.00	24.06 1.51 -4.82	21.49 -0.18 -23.86
KIAC_JFK_GT2 23817	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.40 0.25 -14.21	20.34 0.45 -13.25	21.05 0.24 -17.34	24.85 0.60 -15.96	26.47 0.64 -17.66	27.62 1.99 -0.62	25.16 0.37 -20.15	22.64 0.12 -21.05	20.87 -0.04 -21.40	18.28 -0.05 -18.85	25.68 -0.33 -29.57	57.77 -0.93 -69.49	55.88 -0.42 -61.35	27.72 0.46 -21.59	23.38 0.39 -18.25	33.47 -0.07 -34.37	36.63 0.64 -28.13	36.18 2.63 0.00	24.06 1.51 -4.82	21.49 -0.18 -23.86
KIAC_JFK____ 323774	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.40 0.25 -14.21	20.34 0.45 -13.25	21.05 0.24 -17.34	24.85 0.60 -15.96	26.47 0.64 -17.66	27.62 1.99 -0.62	25.16 0.37 -20.15	22.64 0.12 -21.05	20.87 -0.04 -21.40	18.28 -0.05 -18.85	25.68 -0.33 -29.57	57.77 -0.93 -69.49	55.88 -0.42 -61.35	27.72 0.46 -21.59	23.38 0.39 -18.25	33.47 -0.07 -34.37	36.63 0.64 -28.13	36.18 2.63 0.00	24.06 1.51 -4.82	21.49 -0.18 -23.86
KINTIGH____ 23543	2.79 0.00 -2.94	3.70 -0.05 -2.36	1.87 0.01 -2.66	3.13 -0.03 -2.37	5.86 -0.15 -2.08	7.49 -0.29 -1.14	5.86 -0.16 -2.55	10.17 -0.47 -2.34	10.30 -0.46 -2.59	23.71 -1.39 -0.09	7.36 -0.24 -2.96	4.48 -0.07 -3.09	2.68 0.02 -3.14	2.26 0.03 -2.77	0.91 0.21 -4.26	-0.30 0.60 -9.89	3.86 0.14 -8.77	8.47 -0.31 -3.12	7.08 -0.32 -2.65	4.20 0.05 -4.98	11.19 -0.54 -3.87	29.88 -2.09 1.58	16.79 -1.27 -0.32	1.39 0.09 -3.48
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.40 0.00 21.26	-4.28 -0.07 5.62	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.44 -0.19 0.00	3.40 -0.07 0.00	8.14 -0.15 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.74 0.02 3.27	-20.65 0.02 20.14	-21.32 -0.01 17.75	-22.66 -0.14 11.73	-14.90 -0.11 9.74	5.78 0.12 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.88 0.14 0.00	-2.19 -0.01 0.00

LACHUTE____HYDRO 323717	24.86 -0.01 -25.02	21.57 0.09 -20.07	21.75 -0.05 -22.61	21.03 0.06 -20.18	21.96 0.32 -17.71	23.71 0.56 -16.51	25.43 0.32 -21.64	29.01 0.80 -19.92	30.89 0.67 -22.05	27.69 1.90 -0.78	30.16 0.36 -25.15	27.86 0.11 -26.28	26.19 -0.03 -26.71	22.97 -0.04 -23.53	33.09 -0.26 -36.91	75.05 -0.88 -86.71	70.99 -0.48 -76.52	33.12 0.56 -26.90	27.97 0.46 -22.76	41.93 -0.07 -42.84	43.94 0.87 -35.21	36.88 3.33 0.00	25.36 1.60 -6.03	27.48 -0.20 -29.86
LAWRNCV_115KV_TB1 80681	3.17 0.01 -3.31	2.23 -0.04 -0.87	-0.77 0.03 0.00	0.77 -0.02 0.00	3.81 -0.12 0.00	6.44 -0.19 0.00	3.37 -0.11 0.00	8.03 -0.26 0.00	7.90 -0.27 0.00	24.13 -0.88 0.00	4.46 -0.19 0.00	1.40 -0.06 0.00	-3.20 0.02 2.73	-17.34 0.03 16.84	-18.24 0.16 14.84	-20.13 0.46 9.81	-12.98 0.22 8.14	5.46 -0.21 0.00	4.58 -0.16 0.00	-0.80 0.03 0.00	7.59 -0.27 0.00	32.69 -0.86 0.00	17.48 -0.25 0.00	-2.14 0.04 0.00
LEDERLE____ 23769	19.31 -0.01 -19.47	17.11 0.10 -15.62	16.74 -0.05 -17.59	16.55 0.06 -15.70	17.98 0.27 -13.78	19.96 0.48 -12.85	20.54 0.25 -16.81	24.37 0.60 -15.48	25.93 0.63 -17.13	27.53 1.92 -0.61	24.55 0.36 -19.54	22.00 0.12 -20.42	20.21 -0.04 -20.75	17.70 -0.05 -18.28	24.78 -0.34 -28.68	55.62 -0.98 -67.38	53.99 -0.45 -59.49	27.09 0.49 -20.93	22.85 0.42 -17.68	32.41 -0.07 -33.32	35.72 0.66 -27.21	36.24 2.69 0.00	23.81 1.42 -4.66	20.71 -0.18 -23.07
LIGHTHSE_115KV_TB6 355974	1.99 0.01 -2.13	2.84 -0.05 -1.48	0.77 0.03 -1.54	2.14 -0.03 -1.38	5.00 -0.14 -1.21	7.54 -0.22 -1.13	4.84 -0.10 -1.48	9.38 -0.27 -1.36	9.39 -0.28 -1.50	24.16 -0.90 -0.05	6.18 -0.18 -1.71	3.20 -0.06 -1.79	1.11 0.02 -1.57	-0.42 0.02 -0.08	-2.24 0.15 -1.17	-5.38 0.41 -5.00	-0.53 0.15 -4.37	7.27 -0.17 -1.78	6.17 -0.11 -1.53	2.06 0.02 -2.87	10.01 -0.21 -2.36	32.73 -0.82 0.00	17.73 -0.41 -0.40	-0.11 0.06 -2.00
LINDEN COGEN____ 23786	19.92 -0.01 -20.08	17.60 0.09 -16.11	17.29 -0.05 -18.14	17.04 0.05 -16.19	18.40 0.26 -14.21	20.36 0.47 -13.25	21.05 0.24 -17.34	24.83 0.57 -15.96	26.45 0.62 -17.66	27.58 1.95 -0.62	25.16 0.36 -20.15	22.64 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.69 -0.33 -29.57	57.77 -0.93 -69.49	55.87 -0.43 -61.35	27.72 0.47 -21.59	23.40 0.40 -18.25	33.47 -0.07 -34.37	36.62 0.63 -28.13	36.09 2.54 0.00	23.95 1.40 -4.82	21.50 -0.18 -23.86
LINDHRST_69_KV_BK1 356055	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.34 -14.22	20.52 0.63 -13.25	21.13 0.32 -17.34	24.97 0.71 -15.97	26.64 0.81 -17.67	28.08 2.44 -0.62	25.29 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.39 -24.11	26.11 -0.39 -30.06	57.18 -0.96 -68.93	54.33 -0.46 -59.84	27.07 0.48 -20.92	22.92 0.44 -17.73	32.62 -0.09 -33.55	36.81 0.81 -28.14	36.83 3.28 0.00	24.39 1.83 -4.82	21.44 -0.25 -23.86
LIPA_MISC_IPP 23656	19.92 -0.01 -20.08	17.63 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.50 0.35 -14.22	20.54 0.65 -13.25	21.15 0.33 -17.34	25.00 0.74 -15.97	26.67 0.83 -17.67	28.11 2.47 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.11 -0.39 -30.06	57.77 -0.94 -69.50	55.86 -0.45 -61.36	27.73 0.47 -21.60	23.45 0.45 -18.25	33.45 -0.10 -34.38	36.84 0.85 -28.14	36.92 3.37 0.00	24.44 1.89 -4.82	21.43 -0.25 -23.86
LISF____SOLAR 323691	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.29 -0.06 -18.14	17.05 0.07 -16.20	18.51 0.36 -14.22	20.55 0.66 -13.25	21.15 0.33 -17.34	25.00 0.74 -15.97	26.67 0.83 -17.67	28.10 2.47 -0.62	25.29 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.39 -30.06	57.77 -0.94 -69.50	55.86 -0.45 -61.36	27.74 0.48 -21.60	23.46 0.46 -18.25	33.45 -0.10 -34.38	36.85 0.86 -28.14	36.96 3.41 0.00	24.46 1.91 -4.82	21.43 -0.25 -23.86
LITTLE FALLS____HYD 24013	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.92 0.00 0.00	6.63 -0.01 0.00	3.48 0.00 0.00	8.29 0.00 0.00	8.14 -0.03 0.00	24.86 -0.15 0.00	4.63 -0.02 0.00	1.45 -0.01 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.78 0.03 -0.75	-10.22 0.07 -0.50	-4.64 0.00 -0.41	5.61 -0.06 0.00	4.72 -0.03 0.00	-0.83 0.00 0.00	7.92 0.06 0.00	33.72 0.17 0.00	17.80 0.07 0.00	-2.19 -0.01 0.00
LITTLRIV_115KV_TB1 356100	3.42 0.01 -3.57	2.31 -0.03 -0.94	-0.78 0.02 0.00	0.77 -0.02 0.00	3.86 -0.07 0.00	6.51 -0.12 0.00	3.41 -0.06 0.00	8.11 -0.18 0.00	7.96 -0.21 0.00	24.31 -0.69 0.00	4.49 -0.16 0.00	1.41 -0.05 0.00	-3.14 0.02 2.67	-16.97 0.02 16.47	-17.96 0.12 14.52	-20.03 0.35 9.59	-12.85 0.17 7.96	5.52 -0.14 0.00	4.63 -0.12 0.00	-0.81 0.02 0.00	7.67 -0.19 0.00	33.01 -0.54 0.00	17.64 -0.10 0.00	-2.15 0.02 0.00
LI_NEWBRDGE____DRP 323616	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.20	18.43 0.29 -14.22	20.42 0.53 -13.25	21.08 0.27 -17.34	24.84 0.58 -15.97	26.51 0.68 -17.67	27.70 2.07 -0.62	25.22 0.41 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.16 -0.34 -30.06	58.08 -0.81 -69.68	56.41 -0.37 -61.84	27.86 0.39 -21.81	23.53 0.36 -18.42	33.73 -0.08 -34.64	36.66 0.66 -28.14	36.22 2.67 0.00	24.05 1.50 -4.82	21.48 -0.20 -23.86
LOCKPORT_115KV_TB60_63_64 80432	3.04 0.00 -3.18	3.89 -0.06 -2.55	2.09 0.01 -2.88	3.32 -0.03 -2.57	6.02 -0.16 -2.25	7.18 -0.32 -0.88	6.04 -0.20 -2.76	10.25 -0.59 -2.54	10.41 -0.58 -2.81	23.36 -1.74 -0.10	7.56 -0.30 -3.21	4.73 -0.09 -3.35	2.95 0.03 -3.41	2.50 0.03 -3.01	1.33 0.27 -4.62	0.69 0.75 -10.72	4.68 0.21 -9.52	8.67 -0.37 -3.38	7.24 -0.38 -2.87	4.64 0.06 -5.41	11.66 -0.65 -4.45	30.96 -2.59 0.00	16.93 -1.57 -0.76	1.71 0.11 -3.77
LOCKPORT____CC1 323769	3.06 0.00 -3.20	3.91 -0.06 -2.57	2.11 0.01 -2.90	3.34 -0.03 -2.58	6.04 -0.16 -2.27	7.11 -0.33 -0.80	6.06 -0.19 -2.78	10.28 -0.58 -2.56	10.44 -0.56 -2.83	23.39 -1.72 -0.10	7.59 -0.30 -3.23	4.76 -0.09 -3.38	2.98 0.03 -3.43	2.52 0.03 -3.02	2.99 0.26 -6.29	1.27 0.73 -11.32	5.38 0.21 -10.23	8.68 -0.39 -3.41	7.26 -0.38 -2.90	4.67 0.06 -5.44	11.51 -0.65 -4.30	29.78 -2.52 1.25	16.61 -1.59 -0.47	1.73 0.11 -3.80
LOCKPORT____CC2 323770	3.06 0.00 -3.20	3.91 -0.06 -2.57	2.11 0.01 -2.90	3.34 -0.03 -2.58	6.04 -0.16 -2.27	7.11 -0.33 -0.80	6.06 -0.19 -2.78	10.28 -0.58 -2.56	10.44 -0.56 -2.83	23.39 -1.72 -0.10	7.59 -0.30 -3.23	4.76 -0.09 -3.38	2.98 0.03 -3.43	2.52 0.03 -3.02	2.99 0.26 -6.29	1.27 0.73 -11.32	5.38 0.21 -10.23	8.68 -0.39 -3.41	7.26 -0.38 -2.90	4.67 0.06 -5.44	11.51 -0.65 -4.30	29.78 -2.52 1.25	16.61 -1.59 -0.47	1.73 0.11 -3.80
LOCKPORT____CC3 323771	3.06 0.00 -3.20	3.91 -0.06 -2.57	2.11 0.01 -2.90	3.34 -0.03 -2.58	6.04 -0.16 -2.27	7.11 -0.33 -0.80	6.06 -0.19 -2.78	10.28 -0.58 -2.56	10.44 -0.56 -2.83	23.39 -1.72 -0.10	7.59 -0.30 -3.23	4.76 -0.09 -3.38	2.98 0.03 -3.43	2.52 0.03 -3.02	2.99 0.26 -6.29	1.27 0.73 -11.32	5.38 0.21 -10.23	8.68 -0.39 -3.41	7.26 -0.38 -2.90	4.67 0.06 -5.44	11.51 -0.65 -4.30	29.78 -2.52 1.25	16.61 -1.59 -0.47	1.73 0.11 -3.80

LONG_LAKE_PHOENIX 24014	1.78 0.01 -1.92	2.91 -0.04 -1.54	0.96 0.02 -1.74	2.32 -0.02 -1.55	5.19 -0.11 -1.36	7.73 -0.18 -1.27	5.04 -0.09 -1.66	9.60 -0.22 -1.53	9.63 -0.23 -1.69	24.35 -0.72 -0.06	6.44 -0.14 -1.93	3.44 -0.04 -2.02	1.57 0.01 -2.05	1.29 0.02 -1.81	-0.63 0.10 -2.83	-3.86 0.29 -6.63	0.77 0.11 -5.71	7.48 -0.16 -1.98	6.31 -0.13 -1.69	2.38 0.02 -3.19	10.25 -0.23 -2.62	32.56 -0.99 0.00	17.61 -0.58 -0.45	0.11 0.06 -2.22
LOVETT___3 23632	19.41 -0.01 -19.57	17.19 0.09 -15.69	16.83 -0.05 -17.68	16.62 0.05 -15.78	18.03 0.25 -13.85	19.99 0.45 -12.91	20.60 0.23 -16.89	24.40 0.55 -15.56	25.97 0.59 -17.21	27.41 1.79 -0.61	24.63 0.34 -19.63	22.09 0.11 -20.52	20.32 -0.04 -20.85	17.80 -0.05 -18.37	24.94 -0.31 -28.82	56.02 -0.91 -67.71	54.31 -0.42 -59.78	27.16 0.46 -21.04	22.90 0.39 -17.76	32.58 -0.07 -33.48	35.80 0.62 -27.32	36.05 2.50 0.00	23.74 1.33 -4.68	20.82 -0.17 -23.17
LOVETT___4 23642	19.41 -0.01 -19.57	17.19 0.09 -15.69	16.83 -0.05 -17.68	16.62 0.05 -15.78	18.03 0.25 -13.85	19.99 0.45 -12.91	20.60 0.23 -16.89	24.40 0.55 -15.56	25.97 0.59 -17.21	27.41 1.79 -0.61	24.63 0.34 -19.63	22.09 0.11 -20.52	20.32 -0.04 -20.85	17.80 -0.05 -18.37	24.94 -0.31 -28.82	56.02 -0.91 -67.71	54.31 -0.42 -59.78	27.16 0.46 -21.04	22.90 0.39 -17.76	32.58 -0.07 -33.48	35.80 0.62 -27.32	36.05 2.50 0.00	23.74 1.33 -4.68	20.82 -0.17 -23.17
LOVETT___5 23593	19.41 -0.01 -19.57	17.19 0.09 -15.69	16.83 -0.05 -17.68	16.62 0.05 -15.78	18.03 0.25 -13.85	19.99 0.45 -12.91	20.60 0.23 -16.89	24.40 0.55 -15.56	25.97 0.59 -17.21	27.41 1.79 -0.61	24.63 0.34 -19.63	22.09 0.11 -20.52	20.32 -0.04 -20.85	17.80 -0.05 -18.37	24.94 -0.31 -28.82	56.02 -0.91 -67.71	54.31 -0.42 -59.78	27.16 0.46 -21.04	22.90 0.39 -17.76	32.58 -0.07 -33.48	35.80 0.62 -27.32	36.05 2.50 0.00	23.74 1.33 -4.68	20.82 -0.17 -23.17
LOWER_RAQUET___HYD 24057	3.67 0.01 -3.81	2.36 -0.05 -1.01	-0.77 0.03 0.00	0.76 -0.03 0.00	3.80 -0.13 0.00	6.41 -0.22 0.00	3.35 -0.12 0.00	7.99 -0.30 0.00	7.85 -0.32 0.00	24.00 -1.01 0.00	4.43 -0.22 0.00	1.40 -0.07 0.00	-3.08 0.03 2.62	-16.62 0.03 16.12	-17.59 0.18 14.21	-19.65 0.52 9.39	-12.61 0.24 7.80	5.43 -0.23 0.00	4.56 -0.19 0.00	-0.80 0.04 0.00	7.56 -0.30 0.00	32.61 -0.95 0.00	17.48 -0.26 0.00	-2.13 0.04 0.00
LOWER___HUDSON 24059	24.32 -0.01 -24.48	21.09 0.06 -19.64	21.29 -0.03 -22.12	20.56 0.03 -19.74	21.42 0.16 -17.33	23.05 0.26 -16.15	24.76 0.14 -21.15	28.09 0.32 -19.48	30.04 0.31 -21.55	26.67 0.90 -0.76	29.41 0.17 -24.59	27.21 0.05 -25.69	25.60 -0.02 -26.11	22.46 -0.02 -23.01	32.39 -0.13 -36.08	73.59 -0.39 -84.77	69.58 -0.18 -74.82	32.19 0.21 -26.32	27.19 0.16 -22.27	41.05 -0.03 -41.91	42.62 0.31 -34.44	34.90 1.35 0.00	24.34 0.71 -5.90	26.95 -0.09 -29.21
LOWVILLE_115KV_TB2 356335	1.81 0.00 -1.95	2.33 -0.05 -0.98	0.01 0.03 -0.77	1.45 -0.04 -0.69	4.36 -0.17 -0.61	6.94 -0.26 -0.57	4.09 -0.12 -0.74	8.67 -0.31 -0.68	8.59 -0.34 -0.75	23.94 -1.09 -0.03	5.28 -0.23 -0.86	2.29 -0.08 -0.90	-0.20 0.03 -0.26	-3.72 0.03 3.23	-5.66 0.19 2.29	-9.70 0.48 -0.61	-4.19 0.21 -0.65	6.40 -0.18 -0.92	5.52 -0.02 -0.79	0.65 0.01 -1.48	8.94 -0.14 -1.22	33.15 -0.40 0.00	17.92 -0.03 -0.21	-1.11 0.04 -1.03
LUTHERFT_115KV_GLOB_FND_222 355753	24.82 0.00 -24.98	21.50 0.06 -20.03	21.73 -0.03 -22.57	20.96 0.03 -20.14	21.78 0.17 -17.68	23.42 0.30 -16.48	25.23 0.16 -21.60	28.58 0.40 -19.89	30.56 0.38 -22.00	26.88 1.10 -0.78	29.96 0.20 -25.10	27.76 0.06 -26.23	26.15 -0.02 -26.66	22.94 -0.02 -23.49	33.12 -0.16 -36.84	75.27 -0.49 -86.54	71.08 -0.24 -76.38	32.79 0.28 -26.85	27.70 0.23 -22.72	41.88 -0.04 -42.76	43.41 0.41 -35.14	35.28 1.73 0.00	24.61 0.86 -6.02	27.52 -0.10 -29.80
LUTHERNY_35_KV_BK2 355980	24.82 0.00 -24.98	21.50 0.06 -20.03	21.73 -0.03 -22.57	20.97 0.04 -20.14	21.78 0.17 -17.68	23.42 0.30 -16.48	25.23 0.17 -21.60	28.59 0.41 -19.89	30.56 0.39 -22.00	26.89 1.11 -0.78	29.96 0.20 -25.10	27.76 0.06 -26.23	26.15 -0.02 -26.66	22.94 -0.02 -23.49	33.12 -0.16 -36.84	75.26 -0.50 -86.54	71.08 -0.24 -76.38	32.80 0.28 -26.85	27.70 0.23 -22.72	41.88 -0.04 -42.76	43.42 0.42 -35.14	35.31 1.76 0.00	24.62 0.87 -6.02	27.52 -0.10 -29.80
LWR___OSWEGATCHIE_HYD 23850	3.09 0.00 -3.23	2.54 -0.06 -1.20	-0.19 0.03 -0.58	1.27 -0.03 -0.51	4.21 -0.17 -0.45	6.79 -0.27 -0.42	3.88 -0.14 -0.55	8.47 -0.33 -0.51	8.38 -0.36 -0.56	23.88 -1.15 -0.02	5.04 -0.25 -0.64	2.06 -0.08 -0.67	-1.52 0.03 1.06	-10.62 0.03 10.13	-11.87 0.21 8.52	-14.27 0.56 4.04	-8.06 0.25 3.26	6.11 -0.23 -0.68	5.21 -0.12 -0.58	0.29 0.03 -1.10	8.51 -0.25 -0.90	32.79 -0.76 0.00	17.70 -0.19 -0.15	-1.37 0.04 -0.77
LYONS_FALL_HYD 23570	1.40 0.00 -1.54	2.22 -0.02 -0.84	-0.05 0.01 -0.74	1.42 -0.02 -0.66	4.42 -0.09 -0.57	7.05 -0.12 -0.54	4.12 -0.05 -0.70	8.79 -0.14 -0.65	8.71 -0.17 -0.71	24.47 -0.57 -0.03	5.34 -0.12 -0.81	2.28 -0.04 -0.85	0.01 0.02 -0.49	-2.07 0.02 1.56	-4.32 0.10 0.86	-9.10 0.24 -1.44	-3.60 0.11 -1.35	6.47 -0.07 -0.88	5.53 0.03 -0.75	0.58 0.00 -1.41	8.99 -0.03 -1.16	33.53 -0.02 0.00	18.02 0.09 -0.20	-1.18 0.01 -0.98
MADISON___COUNTY_LFGE 323628	1.18 0.00 -1.33	2.48 0.01 -1.07	0.40 -0.01 -1.20	1.87 0.00 -1.07	4.91 0.04 -0.94	7.59 0.08 -0.88	4.67 0.05 -1.15	9.45 0.10 -1.06	9.41 0.06 -1.17	25.19 0.14 -0.04	6.01 0.02 -1.34	2.87 0.00 -1.39	0.93 0.00 -1.42	0.72 0.00 -1.25	-1.62 -0.01 -1.96	-6.27 -0.07 -4.59	-1.01 -0.05 -4.10	7.21 0.08 -1.47	6.10 0.10 -1.26	1.51 -0.02 -2.36	9.95 0.14 -1.94	34.13 0.58 0.00	18.34 0.27 -0.33	-0.56 -0.03 -1.65
MALONE___115KV_TB1 356076	14.47 0.00 -14.61	5.20 -0.06 -3.86	-0.76 0.03 0.00	0.76 -0.03 0.00	3.81 -0.12 0.00	6.43 -0.20 0.00	3.38 -0.09 0.00	8.09 -0.20 0.00	7.99 -0.19 0.00	24.47 -0.54 0.00	4.51 -0.14 0.00	1.41 -0.05 0.00	-3.54 0.02 3.07	-19.41 0.02 18.91	-20.19 0.04 16.67	-21.74 0.06 11.02	-14.20 0.00 9.14	5.69 0.03 0.00	4.72 -0.03 0.00	-0.82 0.01 0.00	7.92 0.06 0.00	33.74 0.19 0.00	17.80 0.06 0.00	-2.18 0.00 0.00
MAPLEWOD_115KV_TB3 80458	24.21 0.00 -24.36	21.01 0.07 -19.54	21.18 -0.03 -22.01	20.47 0.04 -19.65	21.36 0.18 -17.24	23.01 0.30 -16.08	24.68 0.16 -21.05	28.05 0.38 -19.38	30.00 0.37 -21.45	26.87 1.10 -0.76	29.32 0.20 -24.47	27.10 0.06 -25.57	25.47 -0.02 -25.99	22.34 -0.03 -22.90	32.19 -0.16 -35.91	73.09 -0.49 -84.36	69.18 -0.23 -74.46	32.12 0.26 -26.20	27.14 0.22 -22.17	40.85 -0.04 -41.72	42.53 0.39 -34.28	35.19 1.64 0.00	24.46 0.85 -5.87	26.80 -0.10 -29.08
MAPLE_RIDGE_WT_1 323574	-23.09 0.01 22.95	-32.23 -0.09 33.54	-26.05 0.05 25.31	-15.63 -0.05 16.37	-21.87 -0.26 25.55	6.21 -0.42 0.00	3.27 -0.20 0.00	7.86 -0.44 0.00	7.73 -0.44 0.00	23.79 -1.22 0.00	4.43 -0.22 0.00	1.40 -0.06 0.00	-6.70 0.03 6.24	-39.00 0.03 38.50	-37.47 0.23 34.13	-34.08 0.70 24.00	-23.34 0.34 18.63	5.37 -0.29 0.00	4.60 -0.15 0.00	-0.81 0.02 0.00	7.51 -0.35 0.00	32.11 -1.44 0.00	17.13 -0.61 0.00	-2.09 0.08 0.00

MAPLE_RIDGE_WT_2 323611	-23.09 0.01 22.95	-32.23 -0.09 33.54	-26.05 0.05 25.31	-15.63 -0.05 16.37	-21.87 -0.26 25.55	6.21 -0.42 0.00	3.27 -0.20 0.00	7.86 -0.44 0.00	7.73 -0.44 0.00	23.79 -1.22 0.00	4.43 -0.22 0.00	1.40 -0.06 0.00	-6.70 0.03 6.24	-39.00 0.03 38.50	-37.47 0.23 34.13	-34.08 0.70 24.00	-23.34 0.34 18.63	5.37 -0.29 0.00	4.60 -0.15 0.00	-0.81 0.02 0.00	7.51 -0.35 0.00	32.11 -1.44 0.00	17.13 -0.61 0.00	-2.09 0.08 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 0.01 20.86	-4.19 -0.08 5.51	-0.75 0.05 0.00	0.75 -0.03 0.00	3.77 -0.16 0.00	6.38 -0.26 0.00	3.35 -0.12 0.00	8.02 -0.27 0.00	7.93 -0.24 0.00	24.33 -0.67 0.00	4.49 -0.16 0.00	1.41 -0.06 0.00	-3.75 0.02 3.28	-20.75 0.03 20.25	-21.38 0.02 17.85	-22.59 -0.02 11.79	-14.88 -0.04 9.79	5.72 0.05 0.00	4.72 -0.03 0.00	-0.82 0.01 0.00	7.95 0.09 0.00	33.73 0.18 0.00	17.71 -0.03 0.00	-2.16 0.01 0.00
MARSHVLE_115KV_TB1 80742	29.50 -0.01 -29.65	25.25 0.06 -23.79	25.95 -0.04 -26.79	24.74 0.04 -23.92	25.11 0.19 -20.99	26.53 0.33 -19.57	29.30 0.18 -25.64	32.38 0.48 -23.61	34.75 0.45 -26.12	27.22 1.29 -0.92	34.68 0.23 -29.80	32.68 0.08 -31.14	31.14 -0.02 -31.65	27.34 -0.02 -27.88	40.04 -0.13 -43.73	91.56 -0.40 -102.75	85.45 -0.18 -90.69	37.82 0.27 -31.89	31.98 0.25 -26.98	49.90 -0.05 -50.78	50.06 0.46 -41.74	35.60 2.05 0.00	25.90 1.02 -7.15	33.11 -0.12 -35.40
MARSH_HILL_WT_PWR 323713	4.05 0.01 -4.19	4.69 -0.07 -3.36	3.02 0.03 -3.78	4.13 -0.04 -3.38	6.69 -0.20 -2.96	14.10 -0.33 -7.80	6.84 -0.05 -3.42	11.36 -0.08 -3.15	11.64 -0.02 -3.48	25.02 -0.11 -0.12	8.53 -0.10 -3.97	5.58 -0.04 -4.15	3.75 0.02 -4.22	3.22 0.02 -3.72	3.55 0.16 -6.95	3.61 0.49 -13.91	7.59 0.14 -12.51	9.75 -0.20 -4.30	8.27 -0.13 -3.65	6.04 0.01 -6.86	13.61 -0.23 -5.99	35.01 -0.91 -2.37	18.92 -0.36 -1.53	2.58 -0.03 -4.79
MCINTYRE_115KV_TB2 80467	3.03 0.00 -3.18	2.22 -0.02 -0.84	-0.79 0.01 0.00	0.78 -0.01 0.00	3.89 -0.03 0.00	6.58 -0.05 0.00	3.45 -0.03 0.00	8.22 -0.08 0.00	8.06 -0.11 0.00	24.63 -0.38 0.00	4.55 -0.10 0.00	1.43 -0.03 0.00	-3.24 0.01 2.76	-17.54 0.02 17.02	-18.49 0.07 15.01	-20.50 0.21 9.92	-13.18 0.10 8.23	5.59 -0.08 0.00	4.69 -0.06 0.00	-0.82 0.02 0.00	7.76 -0.10 0.00	33.31 -0.23 0.00	17.74 0.00 0.00	-2.17 0.01 0.00
MECO____69_KV_BK1 80468	28.07 -0.01 -28.23	24.16 0.11 -22.64	24.64 -0.06 -25.50	23.62 0.06 -22.77	24.24 0.32 -19.98	25.83 0.57 -18.63	28.20 0.31 -24.41	31.42 0.65 -22.48	33.50 0.45 -24.87	27.14 1.25 -0.88	33.22 0.20 -28.38	31.18 0.07 -29.65	29.63 -0.01 -30.13	26.01 -0.02 -26.55	37.97 -0.12 -41.64	86.67 -0.38 -97.83	80.99 -0.30 -86.34	36.48 0.46 -30.35	30.78 0.35 -25.68	47.44 -0.07 -48.33	48.29 0.70 -39.73	36.50 2.95 0.00	25.98 1.44 -6.80	31.36 -0.16 -33.70
MENANDS__115KV_TB5 355628	23.99 -0.01 -24.14	20.83 0.06 -19.37	20.98 -0.03 -21.82	20.30 0.04 -19.47	21.19 0.17 -17.09	22.84 0.28 -15.93	24.47 0.14 -20.85	27.84 0.34 -19.20	29.76 0.33 -21.25	26.75 0.99 -0.75	29.08 0.19 -24.24	26.86 0.06 -25.33	25.24 -0.02 -25.74	22.13 -0.02 -22.68	31.87 -0.15 -35.58	72.34 -0.45 -83.58	68.52 -0.20 -73.78	31.86 0.23 -25.97	26.91 0.18 -21.97	40.48 -0.03 -41.35	42.17 0.33 -33.98	34.97 1.42 0.00	24.31 0.75 -5.82	26.55 -0.09 -28.82
MG INDUSTRY__DRP 24185	23.54 -0.01 -23.69	20.46 0.06 -19.00	20.57 -0.03 -21.40	19.93 0.03 -19.11	20.87 0.17 -16.77	22.55 0.28 -15.63	24.05 0.14 -20.44	27.44 0.33 -18.81	29.31 0.32 -20.82	26.67 0.93 -0.74	28.58 0.18 -23.75	26.34 0.06 -24.82	24.71 -0.02 -25.22	21.67 -0.02 -22.22	31.15 -0.14 -34.85	70.68 -0.41 -81.88	67.05 -0.19 -72.29	31.35 0.22 -25.46	26.47 0.18 -21.55	39.69 -0.03 -40.55	41.51 0.32 -33.33	34.89 1.34 0.00	24.16 0.72 -5.71	26.00 -0.09 -28.26
MID__OSWEGATCHIE_HYD 23849	3.09 0.00 -3.23	2.54 -0.06 -1.20	-0.19 0.03 -0.58	1.27 -0.03 -0.51	4.21 -0.17 -0.45	6.79 -0.27 -0.42	3.88 -0.14 -0.55	8.47 -0.33 -0.51	8.38 -0.36 -0.56	23.88 -1.15 -0.02	5.04 -0.25 -0.64	2.06 -0.08 -0.67	-1.52 0.03 1.06	-10.62 0.03 10.13	-11.87 0.21 8.52	-14.27 0.56 4.04	-8.06 0.25 3.26	6.11 -0.23 -0.68	5.21 -0.12 -0.58	0.29 0.03 -1.10	8.51 -0.25 -0.90	32.79 -0.76 0.00	17.70 -0.19 -0.15	-1.37 0.04 -0.77
MID__RAQUETTE_HYD 23851	3.67 0.01 -3.81	2.36 -0.05 -1.01	-0.77 0.03 0.00	0.76 -0.03 0.00	3.80 -0.13 0.00	6.41 -0.22 0.00	3.35 -0.12 0.00	7.99 -0.30 0.00	7.85 -0.32 0.00	24.00 -1.00 0.00	4.43 -0.22 0.00	1.40 -0.07 0.00	-3.08 0.03 2.62	-16.62 0.03 16.12	-17.59 0.18 14.21	-19.65 0.52 9.39	-12.61 0.25 7.80	5.43 -0.23 0.00	4.56 -0.19 0.00	-0.80 0.04 0.00	7.56 -0.30 0.00	32.61 -0.94 0.00	17.48 -0.26 0.00	-2.13 0.04 0.00
MILLIKEN__1 23584	3.93 0.00 -4.08	4.68 0.01 -3.27	2.88 -0.01 -3.69	4.09 0.00 -3.29	6.86 0.04 -2.89	9.77 0.07 -3.07	7.04 0.05 -3.52	11.64 0.10 -3.24	11.82 0.07 -3.58	25.26 0.12 -0.13	8.74 0.00 -4.09	5.74 0.00 -4.27	3.85 0.00 -4.34	3.30 0.00 -3.83	2.44 0.00 -6.01	3.30 -0.04 -14.13	7.52 -0.06 -12.63	10.29 0.09 -4.54	8.71 0.09 -3.87	6.44 -0.02 -7.29	14.02 0.16 -6.00	34.15 0.60 0.00	18.99 0.23 -1.03	2.87 -0.04 -5.09
MILLIKEN__2 23585	3.93 0.00 -4.08	4.68 0.01 -3.27	2.88 -0.01 -3.69	4.09 0.00 -3.29	6.86 0.04 -2.89	9.77 0.07 -3.07	7.04 0.05 -3.52	11.64 0.10 -3.24	11.82 0.07 -3.58	25.26 0.12 -0.13	8.74 0.00 -4.09	5.74 0.00 -4.27	3.85 0.00 -4.34	3.30 0.00 -3.83	2.44 0.00 -6.01	3.30 -0.04 -14.13	7.52 -0.06 -12.63	10.29 0.09 -4.54	8.71 0.09 -3.87	6.44 -0.02 -7.29	14.02 0.16 -6.00	34.15 0.60 0.00	18.99 0.23 -1.03	2.87 -0.04 -5.09
MILLIKEN__DIESEL 23629	3.93 0.00 -4.08	4.68 0.01 -3.27	2.88 -0.01 -3.69	4.09 0.00 -3.29	6.86 0.04 -2.89	9.77 0.07 -3.07	7.04 0.05 -3.52	11.64 0.10 -3.24	11.82 0.07 -3.58	25.26 0.12 -0.13	8.74 0.00 -4.09	5.74 0.00 -4.27	3.85 0.00 -4.34	3.30 0.00 -3.83	2.44 0.00 -6.01	3.30 -0.04 -14.13	7.52 -0.06 -12.63	10.29 0.09 -4.54	8.71 0.09 -3.87	6.44 -0.02 -7.29	14.02 0.16 -6.00	34.15 0.60 0.00	18.99 0.23 -1.03	2.87 -0.04 -5.09
MILLSEAT__LFGE 323607	3.03 0.00 -3.18	3.91 -0.05 -2.55	2.08 0.00 -2.87	3.33 -0.02 -2.56	6.06 -0.12 -2.25	7.27 -0.25 -0.88	6.10 -0.13 -2.76	10.47 -0.37 -2.54	10.61 -0.38 -2.81	23.85 -1.26 -0.10	7.61 -0.25 -3.21	4.75 -0.07 -3.35	2.95 0.03 -3.41	2.50 0.02 -3.01	2.90 0.22 -6.24	1.04 0.58 -11.24	5.24 0.14 -10.16	8.75 -0.30 -3.38	7.35 -0.28 -2.87	4.62 0.04 -5.41	11.83 -0.48 -4.45	31.58 -1.97 0.00	17.15 -1.34 -0.76	1.67 0.08 -3.77
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.85 -0.01 -20.01	17.54 0.09 -16.05	17.23 -0.05 -18.07	16.98 0.05 -16.13	18.34 0.25 -14.16	20.28 0.45 -13.20	20.98 0.24 -17.27	24.76 0.56 -15.90	26.36 0.59 -17.60	27.45 1.82 -0.62	25.07 0.35 -20.08	22.56 0.11 -20.98	20.79 -0.04 -21.32	18.21 -0.05 -18.79	25.59 -0.31 -29.47	57.55 -0.90 -69.23	55.66 -0.41 -61.13	27.62 0.45 -21.51	23.31 0.38 -18.18	33.34 -0.07 -34.24	36.48 0.62 -28.00	36.06 2.52 0.00	23.87 1.34 -4.79	21.40 -0.17 -23.74

MILLWOOD_13_KV_LOAD 356217	19.85 -0.01 -20.01	17.54 0.09 -16.05	17.23 -0.05 -18.07	16.98 0.05 -16.13	18.35 0.26 -14.16	20.30 0.46 -13.20	20.99 0.24 -17.27	24.78 0.58 -15.90	26.39 0.61 -17.60	27.51 1.88 -0.62	25.09 0.36 -20.08	22.56 0.12 -20.98	20.79 -0.04 -21.32	18.21 -0.05 -18.79	25.58 -0.32 -29.47	57.51 -0.93 -69.23	55.64 -0.43 -61.13	27.64 0.47 -21.51	23.32 0.40 -18.18	33.34 -0.07 -34.24	36.50 0.64 -28.00	36.16 2.61 0.00	23.91 1.39 -4.79	21.39 -0.17 -23.74
MODEL_CITY_ENERGY 24167	3.08 0.00 -3.22	3.91 -0.07 -2.58	2.13 0.02 -2.91	3.35 -0.04 -2.60	6.01 -0.20 -2.28	7.12 -0.38 -0.86	6.03 -0.24 -2.79	10.19 -0.68 -2.57	10.36 -0.66 -2.85	23.09 -2.02 -0.10	7.55 -0.35 -3.25	4.76 -0.10 -3.39	3.00 0.04 -3.45	2.55 0.03 -3.04	3.09 0.30 -6.35	1.45 0.86 -11.37	5.51 0.28 -10.28	8.63 -0.45 -3.42	7.21 -0.44 -2.91	4.70 0.07 -5.46	11.61 -0.74 -4.50	30.59 -2.96 0.00	16.69 -1.81 -0.77	1.77 0.14 -3.81
MODERN_LFGE_ 323580	3.08 0.00 -3.22	3.91 -0.07 -2.58	2.13 0.02 -2.91	3.35 -0.04 -2.60	6.01 -0.20 -2.28	7.12 -0.38 -0.86	6.03 -0.24 -2.79	10.19 -0.68 -2.57	10.36 -0.66 -2.85	23.09 -2.02 -0.10	7.55 -0.35 -3.25	4.76 -0.10 -3.39	3.00 0.04 -3.45	2.55 0.03 -3.04	3.09 0.30 -6.35	1.45 0.86 -11.37	5.51 0.28 -10.28	8.63 -0.45 -3.42	7.21 -0.44 -2.91	4.70 0.07 -5.46	11.61 -0.74 -4.50	30.59 -2.96 0.00	16.69 -1.81 -0.77	1.77 0.14 -3.81
MOHAWK_PAPER___DRP 24187	24.21 0.00 -24.36	21.01 0.07 -19.54	21.18 -0.03 -22.01	20.47 0.04 -19.65	21.36 0.18 -17.24	23.01 0.30 -16.08	24.68 0.16 -21.05	28.05 0.38 -19.38	30.00 0.37 -21.45	26.87 1.10 -0.76	29.32 0.20 -24.47	27.10 0.06 -25.57	25.47 -0.02 -25.99	22.34 -0.03 -22.90	32.19 -0.16 -35.91	73.09 -0.49 -84.36	69.18 -0.23 -74.46	32.12 0.26 -26.20	27.14 0.22 -22.17	40.85 -0.04 -41.72	42.53 0.39 -34.28	35.19 1.64 0.00	24.46 0.85 -5.87	26.80 -0.10 -29.08
MOHICAN__35_KV_115KV_LD 80490	24.85 -0.01 -25.00	21.50 0.04 -20.06	21.77 -0.03 -22.59	20.98 0.02 -20.16	21.77 0.14 -17.70	23.38 0.24 -16.50	25.23 0.14 -21.62	28.56 0.36 -19.91	30.52 0.32 -22.03	26.68 0.89 -0.78	29.95 0.17 -25.13	27.78 0.05 -26.26	26.18 -0.02 -26.69	22.97 -0.02 -23.52	33.20 -0.12 -36.88	75.46 -0.40 -86.64	71.20 -0.21 -76.46	32.79 0.25 -26.88	27.70 0.21 -22.74	41.94 -0.03 -42.80	43.44 0.40 -35.18	35.14 1.59 0.00	24.51 0.75 -6.02	27.57 -0.09 -29.83
MONGAUP___HYD 23641	17.91 -0.01 -18.07	15.98 0.08 -14.50	15.48 -0.05 -16.33	15.41 0.04 -14.57	16.96 0.23 -12.79	18.97 0.41 -11.92	19.30 0.22 -15.60	23.14 0.48 -14.36	24.54 0.47 -15.90	26.89 1.32 -0.56	23.02 0.23 -18.14	20.49 0.07 -18.95	18.74 -0.03 -19.26	16.41 -0.03 -16.97	22.86 -0.20 -26.62	51.24 -0.52 -62.54	49.94 -0.23 -55.23	25.38 0.27 -19.45	21.48 0.25 -16.48	30.10 -0.05 -30.98	33.88 0.44 -25.58	35.37 1.83 0.00	23.18 1.07 -4.38	19.38 -0.14 -21.69
MONTAUK___DIESEL 23721	19.92 -0.02 -20.08	17.67 0.16 -16.11	17.26 -0.09 -18.14	17.08 0.09 -16.20	18.65 0.51 -14.22	20.80 0.91 -13.25	21.29 0.47 -17.34	25.35 1.09 -15.97	27.03 1.19 -17.67	29.13 3.50 -0.62	25.48 0.68 -20.16	23.10 0.21 -21.41	24.82 -0.08 -25.38	23.49 -0.09 -24.11	25.96 -0.55 -30.06	57.31 -1.41 -69.50	55.63 -0.68 -61.36	27.96 0.70 -21.60	23.66 0.66 -18.25	33.41 -0.14 -34.38	37.22 1.23 -28.14	38.47 4.93 0.00	25.20 2.65 -4.82	21.35 -0.34 -23.86
MOONROAD_115KV_HARTFLD_TB1-2 355988	3.49 0.00 -3.64	4.28 -0.05 -2.92	2.50 0.01 -3.29	3.70 -0.03 -2.94	6.37 -0.13 -2.58	7.54 -0.25 -1.16	6.50 -0.13 -3.16	10.77 -0.43 -2.90	11.09 -0.29 -3.21	24.58 -0.55 -0.12	8.17 -0.14 -3.67	5.23 -0.07 -3.83	3.43 0.02 -3.89	2.92 0.02 -3.43	1.90 0.20 -5.26	1.89 0.52 -12.15	5.85 0.10 -10.81	9.25 -0.25 -3.84	7.72 -0.29 -3.26	5.34 0.04 -6.14	14.03 -0.43 -6.60	43.57 -0.88 -10.90	20.40 -0.81 -3.47	2.15 0.04 -4.28
MORTIMER_115KV_TB3 55949	2.51 0.00 -2.66	3.50 -0.03 -2.13	1.62 0.01 -2.40	2.92 -0.02 -2.14	5.71 -0.10 -1.88	8.20 -0.18 -1.75	5.67 -0.09 -2.28	10.13 -0.27 -2.10	10.22 -0.28 -2.33	24.24 -0.85 -0.08	7.16 -0.15 -2.66	4.20 -0.04 -2.77	2.35 0.01 -2.82	1.98 0.02 -2.49	0.41 0.13 -3.85	-1.49 0.34 -8.96	2.93 0.05 -7.94	8.33 -0.16 -2.82	6.98 -0.17 -2.41	3.72 0.03 -4.53	11.28 -0.30 -3.72	32.37 -1.18 0.00	17.60 -0.78 -0.64	1.03 0.05 -3.16
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.86 0.60 -15.96	26.48 0.65 -17.66	27.63 2.00 -0.62	25.18 0.38 -20.15	22.65 0.12 -21.06	20.87 -0.04 -21.40	18.27 -0.05 -18.85	25.68 -0.34 -29.57	57.73 -0.97 -69.49	55.85 -0.45 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.66 -28.13	36.25 2.70 0.00	24.01 1.46 -4.82	21.50 -0.18 -23.86
MUNSVILLE_WIND_PWR 323609	5.77 -0.01 -5.93	6.21 0.06 -4.75	4.52 -0.04 -5.35	5.60 0.04 -4.78	8.32 0.20 -4.19	11.21 0.40 -4.17	8.83 0.25 -5.12	13.56 0.55 -4.71	13.78 0.39 -5.21	26.21 1.01 -0.18	10.73 0.14 -5.95	7.71 0.03 -6.22	5.81 -0.01 -6.32	5.02 -0.01 -5.56	4.30 -0.08 -7.94	9.23 -0.31 -20.33	12.77 -0.19 -18.02	12.42 0.23 -6.53	10.55 0.27 -5.53	9.51 -0.06 -10.41	16.99 0.57 -8.56	35.58 2.03 0.00	20.16 0.96 -1.47	4.96 -0.12 -7.26
N SALMON___HYD 24042	14.47 0.00 -14.61	5.20 -0.06 -3.86	-0.76 0.03 0.00	0.76 -0.03 0.00	3.81 -0.12 0.00	6.43 -0.20 0.00	3.38 -0.09 0.00	8.09 -0.20 0.00	7.99 -0.19 0.00	24.47 -0.54 0.00	4.51 -0.14 0.00	1.41 -0.05 0.00	-3.54 0.02 3.07	-19.41 0.02 18.91	-20.19 0.04 16.67	-21.74 0.06 11.02	-14.20 0.00 9.14	5.69 0.03 0.00	4.72 -0.03 0.00	-0.82 0.01 0.00	7.92 0.06 0.00	33.73 0.18 0.00	17.80 0.06 0.00	-2.18 0.00 0.00
N.AKRON__115KV_KNAPP 355671	3.03 0.00 -3.17	3.90 -0.05 -2.55	2.07 0.00 -2.87	3.32 -0.02 -2.56	6.06 -0.12 -2.25	7.27 -0.24 -0.88	6.06 -0.17 -2.76	10.27 -0.57 -2.54	10.43 -0.56 -2.81	23.39 -1.72 -0.10	7.56 -0.30 -3.21	4.73 -0.09 -3.35	2.95 0.03 -3.41	2.42 -0.06 -3.01	1.35 0.29 -4.62	0.69 0.75 -10.72	4.68 0.21 -9.52	8.67 -0.37 -3.38	7.25 -0.38 -2.87	4.63 0.06 -5.41	11.69 -0.62 -4.45	31.32 -2.23 0.00	17.21 -1.29 -0.76	1.67 0.08 -3.77
N.BELMOR_69_KV_BK1 55787	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.46 0.31 -14.22	20.45 0.56 -13.25	21.10 0.29 -17.34	24.89 0.64 -15.97	26.57 0.73 -17.67	27.86 2.23 -0.62	25.25 0.44 -20.16	23.02 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	56.24 -0.89 -67.92	51.68 -0.41 -57.15	25.85 0.45 -19.74	21.96 0.41 -16.81	31.16 -0.09 -32.08	36.72 0.72 -28.14	36.50 2.95 0.00	24.21 1.65 -4.82	21.46 -0.22 -23.86
N.E._GEN_SANDY PD 24062	22.30 0.00 -22.45	19.48 0.07 -18.01	19.45 -0.03 -20.29	18.93 0.04 -18.11	20.07 0.18 -15.96	21.60 0.30 -14.67	23.02 0.15 -19.39	26.50 0.35 -17.85	28.28 0.35 -19.76	26.74 1.03 -0.70	28.94 0.20 -24.08	25.08 0.06 -23.55	23.42 -0.02 -23.93	20.54 -0.02 -21.09	29.35 -0.16 -33.08	66.44 -0.48 -77.71	64.48 -0.22 -69.76	30.05 0.24 -24.14	25.37 0.20 -20.42	37.58 -0.03 -38.44	39.79 0.35 -31.58	35.06 1.51 0.00	23.95 0.81 -5.41	23.32 -0.10 -25.60

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.37 -0.01 -19.52	17.16 0.09 -15.66	16.79 -0.05 -17.64	16.58 0.05 -15.74	18.00 0.25 -13.82	19.97 0.46 -12.88	20.57 0.24 -16.86	24.38 0.57 -15.52	25.95 0.60 -17.18	27.45 1.83 -0.61	24.59 0.35 -19.59	22.06 0.11 -20.47	20.28 -0.04 -20.81	17.76 -0.05 -18.33	24.87 -0.32 -28.76	55.85 -0.94 -67.56	54.17 -0.43 -59.66	27.13 0.47 -20.99	22.87 0.40 -17.73	32.50 -0.07 -33.41	35.76 0.64 -27.27	36.12 2.57 0.00	23.77 1.36 -4.67	20.78 -0.17 -23.13
N.QUEENS_27_KV_LOAD 356247	19.92 -0.01 -20.08	17.61 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.27 -14.21	20.37 0.48 -13.25	21.07 0.26 -17.34	24.90 0.65 -15.96	26.53 0.70 -17.66	27.70 2.07 -0.62	25.20 0.40 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.67 -0.35 -29.57	57.71 -1.00 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.30 2.75 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86
N.TROY___115KV_TB1 355778	24.32 -0.01 -24.48	21.10 0.06 -19.64	21.29 -0.03 -22.12	20.56 0.03 -19.74	21.42 0.16 -17.33	23.05 0.26 -16.15	24.76 0.14 -21.15	28.09 0.32 -19.48	30.04 0.32 -21.55	26.67 0.90 -0.76	29.41 0.17 -24.59	27.21 0.05 -25.69	25.60 -0.02 -26.11	22.46 -0.02 -23.01	32.39 -0.13 -36.08	73.59 -0.39 -84.77	69.59 -0.18 -74.82	32.19 0.21 -26.32	27.19 0.16 -22.27	41.05 -0.03 -41.91	42.61 0.31 -34.44	34.90 1.35 0.00	24.34 0.71 -5.90	26.95 -0.09 -29.21
NARROWS_GT1_1 24228	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT1_2 24229	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT1_3 24230	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT1_4 24231	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT1_5 24232	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT1_6 24233	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT1_7 24234	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT1_8 24235	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT2_1 24236	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT2_2 24237	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT2_3 24238	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT2_4 24239	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87

NARROWS_GT2_5 24240	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT2_6 24241	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT2_7 24242	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NARROWS_GT2_8 24243	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.48 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.59 -0.01 -22.74	19.72 0.08 -18.24	19.71 -0.04 -20.55	19.17 0.04 -18.34	20.25 0.22 -16.10	22.02 0.37 -15.01	23.30 0.20 -19.63	26.85 0.48 -18.07	28.60 0.44 -20.00	26.91 1.20 -0.71	27.67 0.20 -22.81	25.37 0.06 -23.84	23.72 -0.02 -24.23	20.79 -0.02 -21.34	29.76 -0.16 -33.48	67.36 -0.51 -78.66	64.15 -0.24 -69.44	30.42 0.31 -24.45	25.70 0.26 -20.69	38.06 -0.05 -38.95	40.37 0.50 -32.02	35.64 2.09 0.00	24.27 1.05 -5.48	24.86 -0.12 -27.15
NCHELSEA_115KV_TR2 355582	19.74 -0.01 -19.90	17.46 0.10 -15.97	17.13 -0.05 -17.98	16.89 0.06 -16.05	18.28 0.27 -14.09	20.24 0.47 -13.13	20.91 0.25 -17.18	24.70 0.59 -15.82	26.29 0.62 -17.50	27.48 1.86 -0.62	24.98 0.36 -19.97	22.45 0.11 -20.87	20.68 -0.04 -21.21	18.11 -0.05 -18.69	25.43 -0.32 -29.31	57.15 -0.93 -68.86	55.33 -0.43 -60.81	27.55 0.48 -21.41	23.28 0.41 -18.12	33.19 -0.07 -34.09	36.59 0.68 -28.05	36.30 2.75 0.00	23.97 1.44 -4.80	21.43 -0.18 -23.79
NEG CAPITAL___MECHNVIL 23645	24.67 0.00 -24.82	21.38 0.06 -19.91	21.59 -0.03 -22.42	20.84 0.04 -20.02	21.68 0.18 -17.57	23.32 0.31 -16.38	25.10 0.17 -21.46	28.45 0.40 -19.76	30.42 0.38 -21.86	26.89 1.11 -0.77	29.80 0.21 -24.94	27.59 0.06 -26.06	25.98 -0.02 -26.49	22.79 -0.02 -23.34	32.88 -0.16 -36.60	74.71 -0.50 -85.99	70.60 -0.24 -75.90	32.63 0.28 -26.68	27.56 0.23 -22.58	41.62 -0.04 -42.49	43.20 0.42 -34.92	35.28 1.73 0.00	24.57 0.86 -5.98	27.33 -0.11 -29.62
NEG CENTRAL_HIGH_ACRES 23767	2.46 0.01 -2.60	3.44 -0.05 -2.09	1.58 0.02 -2.36	2.86 -0.03 -2.10	5.63 -0.14 -1.85	8.10 -0.26 -1.72	5.59 -0.12 -2.24	10.02 -0.34 -2.06	10.11 -0.35 -2.28	24.01 -1.08 -0.08	7.06 -0.20 -2.61	4.13 -0.06 -2.72	2.30 0.02 -2.77	1.94 0.02 -2.44	1.05 0.16 -4.46	-1.27 0.43 -9.07	3.19 0.12 -8.12	8.27 -0.21 -2.81	6.98 -0.19 -2.42	3.75 0.03 -4.55	11.26 -0.34 -3.75	32.15 -1.40 0.00	17.48 -0.90 -0.64	1.07 0.07 -3.18
NEG CENTRAL___DRP 24199	2.67 0.00 -2.82	3.64 -0.02 -2.26	1.76 0.01 -2.55	3.05 -0.01 -2.27	5.89 -0.04 -1.99	8.91 -0.06 -2.34	5.87 -0.01 -2.41	10.47 -0.04 -2.22	10.57 -0.05 -2.46	24.86 -0.23 -0.09	7.40 -0.06 -2.80	4.37 -0.02 -2.93	2.49 0.01 -2.98	2.10 0.01 -2.62	0.58 0.05 -4.09	-1.05 0.13 -9.60	3.47 0.01 -8.52	8.74 0.00 -3.08	7.41 -0.01 -2.67	4.19 0.00 -5.02	11.98 -0.01 -4.13	33.43 -0.11 0.00	18.31 -0.14 -0.71	1.33 0.00 -3.50
NEG CENTRAL___INDECK 23768	3.43 0.00 -3.58	4.26 -0.01 -2.87	2.43 0.00 -3.23	3.67 -0.01 -2.89	6.43 -0.03 -2.53	14.13 -0.05 -7.55	6.40 0.05 -2.88	11.01 0.07 -2.65	11.08 -0.02 -2.93	24.93 -0.19 -0.10	7.93 -0.07 -3.35	4.94 -0.03 -3.50	3.08 0.01 -3.55	2.62 0.01 -3.13	2.41 0.10 -5.87	1.19 0.27 -11.70	5.47 0.01 -10.51	9.18 -0.09 -3.60	7.76 -0.05 -3.07	4.93 -0.01 -5.77	12.69 -0.02 -4.85	34.29 0.03 -0.72	18.64 -0.08 -0.98	1.80 -0.05 -4.03
NEG CENTRAL___SENECA 23627	2.92 0.00 -3.07	3.85 -0.02 -2.46	1.98 0.01 -2.78	3.26 0.00 -2.48	6.08 -0.02 -2.18	9.39 -0.04 -2.79	6.09 0.00 -2.62	10.69 -0.01 -2.41	10.82 -0.03 -2.67	24.94 -0.16 -0.09	7.65 -0.05 -3.04	4.63 -0.02 -3.18	2.75 0.01 -3.23	2.33 0.01 -2.85	0.93 0.05 -4.44	-0.25 0.12 -10.41	4.18 0.00 -9.25	8.97 0.00 -3.31	7.58 -0.01 -2.84	4.51 0.00 -5.34	12.24 -0.02 -4.40	33.41 -0.14 0.00	18.33 -0.16 -0.75	1.55 -0.01 -3.73
NEG CENTRAL___STATE_STREET 24147	2.62 0.00 -2.77	3.61 -0.01 -2.22	1.71 0.00 -2.50	3.01 0.00 -2.23	5.87 -0.02 -1.96	8.64 -0.02 -2.03	5.85 0.00 -2.38	10.52 0.04 -2.19	10.61 0.02 -2.42	25.11 0.02 -0.09	7.41 -0.01 -2.77	4.35 0.00 -2.89	2.45 0.00 -2.94	2.06 0.00 -2.59	0.49 0.00 -4.05	-1.30 -0.02 -9.50	3.34 -0.05 -8.44	8.82 0.08 -3.07	7.50 0.07 -2.68	4.20 -0.01 -5.05	12.14 0.12 -4.15	34.01 0.46 0.00	18.60 0.15 -0.71	1.31 -0.03 -3.52
NEG MILLWOOD___DRP 24198	19.98 -0.01 -20.14	17.65 0.10 -16.15	17.34 -0.05 -18.19	17.08 0.06 -16.24	18.46 0.27 -14.25	20.41 0.49 -13.29	21.12 0.26 -17.39	24.92 0.62 -16.01	26.54 0.65 -17.71	27.62 1.98 -0.63	25.23 0.38 -20.20	22.70 0.12 -21.11	20.92 -0.04 -21.46	18.33 -0.05 -18.91	25.76 -0.34 -29.65	57.91 -0.98 -69.67	56.02 -0.45 -61.53	27.82 0.50 -21.66	23.50 0.43 -18.32	33.57 -0.08 -34.48	36.89 0.70 -28.33	36.41 2.86 0.00	24.08 1.49 -4.85	21.66 -0.18 -24.02
NEG NORTH_FLCN_SEA 23793	-21.20 0.00 21.06	-4.23 -0.06 5.56	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.44 -0.19 0.00	3.40 -0.08 0.00	8.13 -0.16 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.75 0.01 3.28	-20.70 0.02 20.20	-21.38 -0.02 17.80	-22.71 -0.17 11.77	-14.94 -0.12 9.77	5.78 0.12 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.88 0.14 0.00	-2.19 -0.01 0.00
NEG NORTH_KES_CHATEGAY 23792	-22.52 0.01 22.38	-4.58 -0.07 5.91	-0.75 0.04 0.00	0.76 -0.03 0.00	3.78 -0.15 0.00	6.38 -0.25 0.00	3.36 -0.11 0.00	8.03 -0.26 0.00	7.93 -0.24 0.00	24.33 -0.68 0.00	4.49 -0.16 0.00	1.40 -0.06 0.00	-3.69 0.02 3.22	-20.36 0.03 19.85	-21.02 0.04 17.50	-22.31 0.04 11.57	-14.67 -0.02 9.60	5.71 0.05 0.00	4.71 -0.04 0.00	-0.82 0.01 0.00	7.94 0.08 0.00	33.73 0.18 0.00	17.72 -0.02 0.00	-2.16 0.01 0.00

NEG NORTH___ALICE_FALLS 23915	-21.40 0.00 21.26	-4.28 -0.07 5.62	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.44 -0.19 0.00	3.40 -0.07 0.00	8.14 -0.15 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.74 0.02 3.27	-20.65 0.02 20.14	-21.32 -0.01 17.75	-22.66 -0.14 11.73	-14.90 -0.11 9.74	5.78 0.12 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.88 0.14 0.00	-2.19 -0.01 0.00
NEG NORTH___LWR_SARANAC 23913	-21.40 0.00 21.26	-4.28 -0.07 5.62	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.44 -0.19 0.00	3.40 -0.07 0.00	8.14 -0.15 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.74 0.02 3.27	-20.65 0.02 20.14	-21.32 -0.01 17.75	-22.66 -0.14 11.73	-14.90 -0.11 9.74	5.78 0.12 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.88 0.14 0.00	-2.19 -0.01 0.00
NEG NORTH___PLATTSBURG 23628	-21.40 0.00 21.26	-4.28 -0.07 5.62	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.11 0.00	6.44 -0.19 0.00	3.40 -0.08 0.00	8.14 -0.15 0.00	8.04 -0.13 0.00	24.65 -0.36 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.74 0.02 3.27	-20.65 0.02 20.14	-21.33 -0.01 17.75	-22.66 -0.14 11.73	-14.90 -0.10 9.74	5.79 0.13 0.00	4.78 0.03 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.09 0.54 0.00	17.88 0.14 0.00	-2.19 -0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	3.06 0.00 -3.20	3.91 -0.06 -2.57	2.11 0.01 -2.90	3.34 -0.03 -2.58	6.04 -0.16 -2.27	7.11 -0.33 -0.80	6.05 -0.20 -2.78	10.28 -0.58 -2.56	10.44 -0.57 -2.83	23.38 -1.72 -0.10	7.58 -0.30 -3.23	4.76 -0.09 -3.38	2.98 0.03 -3.43	2.52 0.03 -3.02	1.36 0.26 -4.66	0.75 0.74 -10.79	4.73 0.20 -9.58	8.70 -0.37 -3.41	7.26 -0.38 -2.90	4.67 0.06 -5.44	11.52 -0.65 -4.30	29.74 -2.56 1.25	16.64 -1.56 -0.47	1.73 0.11 -3.80
NEG WEST___LANCASTR 23811	3.53 0.00 -3.68	4.33 -0.02 -2.95	2.52 -0.01 -3.32	3.75 -0.01 -2.97	6.51 -0.03 -2.60	7.68 -0.08 -1.14	6.61 -0.06 -3.19	11.02 -0.21 -2.94	11.21 -0.22 -3.25	24.65 -0.48 -0.12	8.26 -0.10 -3.71	5.31 -0.04 -3.88	3.46 0.01 -3.94	2.95 0.01 -3.47	1.86 0.11 -5.31	1.77 0.31 -12.24	5.85 0.03 -10.88	9.39 -0.14 -3.87	7.84 -0.20 -3.28	5.37 0.03 -6.18	13.89 -0.31 -6.34	41.15 -1.22 -8.82	19.84 -0.88 -2.98	2.18 0.04 -4.31
NEG_PENN_ALLEGHNY 23528	6.12 0.00 -6.27	6.44 0.01 -5.03	4.86 -0.01 -5.66	5.85 0.01 -5.06	8.41 0.04 -4.44	10.85 0.08 -4.14	8.94 0.04 -5.42	13.39 0.11 -4.99	13.79 0.10 -5.52	25.50 0.30 -0.19	11.00 0.05 -6.30	8.06 0.01 -6.58	6.20 0.00 -6.69	5.36 -0.01 -5.90	3.63 -0.04 -7.23	10.26 -0.10 -21.15	13.51 -0.07 -18.63	12.67 0.08 -6.93	10.67 0.06 -5.86	10.18 -0.02 -11.03	17.15 0.11 -9.18	34.66 0.37 -0.74	19.61 0.14 -1.73	5.49 -0.03 -7.70
NEG___GEN_MONROE 24207	2.51 0.00 -2.66	3.52 -0.02 -2.13	1.61 0.00 -2.40	2.92 -0.01 -2.14	5.75 -0.06 -1.88	8.28 -0.11 -1.75	5.70 -0.06 -2.28	10.19 -0.21 -2.10	10.26 -0.24 -2.33	24.34 -0.75 -0.08	7.17 -0.14 -2.66	4.20 -0.04 -2.77	2.35 0.01 -2.82	1.98 0.02 -2.49	0.41 0.12 -3.85	-1.51 0.31 -8.96	2.92 0.04 -7.94	8.35 -0.13 -2.82	7.01 -0.15 -2.41	3.72 0.02 -4.53	11.32 -0.26 -3.72	32.58 -0.97 0.00	17.67 -0.70 -0.64	1.03 0.05 -3.16
NEPA___ENERGY 23901	4.15 0.00 -4.30	4.84 -0.01 -3.45	3.08 -0.01 -3.89	4.26 0.00 -3.47	6.97 0.00 -3.04	8.94 -0.03 -2.34	7.17 -0.03 -3.73	11.62 -0.10 -3.43	11.87 -0.10 -3.80	24.95 -0.19 -0.13	8.93 -0.05 -4.33	5.97 -0.02 -4.52	4.11 0.01 -4.60	3.53 0.00 -4.05	2.61 0.07 -6.11	3.39 0.23 -13.94	7.36 0.01 -12.40	9.95 -0.13 -4.41	8.33 -0.16 -3.74	6.23 0.02 -7.04	13.62 -0.25 -6.02	34.20 -0.92 -1.58	18.49 -0.61 -1.37	2.75 0.02 -4.91
NEVERSINK___HYD 23608	16.72 -0.01 -16.88	15.03 0.09 -13.54	14.40 -0.05 -15.25	14.45 0.05 -13.61	16.14 0.26 -11.95	18.24 0.47 -11.14	18.30 0.26 -14.57	22.24 0.54 -13.42	23.56 0.54 -14.85	27.13 1.60 -0.52	21.89 0.30 -16.93	19.26 0.10 -17.70	17.46 -0.04 -17.98	15.28 -0.04 -15.85	21.11 -0.18 -24.86	47.07 -0.55 -58.40	46.28 -0.25 -51.58	24.12 0.29 -18.17	20.39 0.26 -15.38	28.06 -0.05 -28.94	32.34 0.64 -23.84	36.12 2.57 0.00	23.15 1.34 -4.08	17.88 -0.16 -20.22
NEWKRMKL_115KV_TB1 55635	24.06 -0.01 -24.22	20.89 0.07 -19.42	21.04 -0.03 -21.88	20.35 0.04 -19.53	21.25 0.18 -17.14	22.90 0.29 -15.98	24.53 0.15 -20.91	27.91 0.36 -19.26	29.84 0.36 -21.31	26.82 1.06 -0.75	29.17 0.20 -24.31	26.94 0.06 -25.41	25.31 -0.02 -25.82	22.20 -0.03 -22.75	31.96 -0.16 -35.68	72.56 -0.49 -83.83	68.73 -0.22 -74.00	31.96 0.25 -26.04	26.99 0.20 -22.04	40.60 -0.03 -41.47	42.31 0.36 -34.08	35.09 1.54 0.00	24.37 0.80 -5.84	26.63 -0.10 -28.90
NEWTON___FALLS_HYD 23847	3.09 0.00 -3.23	2.54 -0.06 -1.20	-0.19 0.03 -0.58	1.27 -0.03 -0.51	4.21 -0.17 -0.45	6.79 -0.27 -0.42	3.88 -0.14 -0.55	8.47 -0.33 -0.51	8.38 -0.36 -0.56	23.88 -1.15 -0.02	5.04 -0.25 -0.64	2.06 -0.08 -0.67	-1.52 0.03 1.06	-10.62 0.03 10.13	-11.87 0.21 8.52	-14.27 0.56 4.04	-8.06 0.25 3.26	6.11 -0.23 -0.68	5.21 -0.12 -0.58	0.29 0.03 -1.10	8.51 -0.25 -0.90	32.79 -0.76 0.00	17.70 -0.19 -0.15	-1.37 0.04 -0.77
NGRID_A1_DSASP 323792	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.93	3.35 -0.05 -2.62	6.01 -0.21 -2.30	7.06 -0.42 -0.85	6.03 -0.25 -2.81	10.14 -0.74 -2.59	10.32 -0.71 -2.87	22.89 -2.22 -0.10	7.54 -0.38 -3.27	4.76 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	3.18 0.30 -6.44	1.54 0.86 -11.46	5.56 0.25 -10.37	8.64 -0.46 -3.44	7.23 -0.45 -2.92	4.74 0.07 -5.50	12.19 -0.77 -5.10	34.56 -3.05 -4.05	17.59 -1.89 -1.74	1.82 0.15 -3.84
NGRID_A2_DSASP 323793	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.93	3.35 -0.05 -2.62	6.01 -0.21 -2.30	7.06 -0.42 -0.85	6.03 -0.25 -2.81	10.14 -0.74 -2.59	10.32 -0.71 -2.87	22.89 -2.22 -0.10	7.54 -0.38 -3.27	4.76 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	3.18 0.30 -6.44	1.54 0.86 -11.46	5.56 0.25 -10.37	8.64 -0.46 -3.44	7.23 -0.45 -2.92	4.74 0.07 -5.50	12.19 -0.77 -5.10	34.56 -3.05 -4.05	17.59 -1.89 -1.74	1.82 0.15 -3.84
NGRID_A4_DSASP 323807	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.93	3.35 -0.05 -2.62	6.01 -0.21 -2.30	7.06 -0.42 -0.85	6.03 -0.26 -2.81	10.14 -0.74 -2.59	10.32 -0.72 -2.87	22.88 -2.23 -0.10	7.54 -0.38 -3.27	4.77 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	1.45 0.30 -4.71	1.00 0.87 -10.90	4.87 0.24 -9.68	8.66 -0.44 -3.44	7.22 -0.45 -2.92	4.74 0.07 -5.50	12.19 -0.77 -5.10	34.52 -3.08 -4.05	17.62 -1.86 -1.74	1.82 0.15 -3.84
NIAGARA_115E_LBMP 323715	3.09 0.00 -3.24	3.92 -0.08 -2.60	2.15 0.02 -2.92	3.36 -0.04 -2.61	6.00 -0.22 -2.29	7.08 -0.42 -0.86	6.02 -0.26 -2.81	10.15 -0.73 -2.59	10.32 -0.71 -2.86	22.93 -2.18 -0.10	7.54 -0.37 -3.26	4.77 -0.11 -3.41	3.02 0.04 -3.47	2.57 0.04 -3.05	3.17 0.32 -6.40	1.58 0.92 -11.44	5.61 0.32 -10.34	8.61 -0.49 -3.44	7.20 -0.47 -2.92	4.73 0.08 -5.49	11.72 -0.80 -4.66	31.36 -3.20 -1.00	16.82 -1.93 -1.01	1.81 0.15 -3.83

NIAGARA_115W_LBMP 323714	3.09 0.00 -3.24	3.90 -0.90 -2.60	2.15 0.02 -2.92	3.35 -0.05 -2.61	6.01 -0.21 -2.29	7.06 -0.43 -0.85	6.02 -0.26 -2.81	10.12 -0.76 -2.59	10.30 -0.73 -2.86	22.83 -2.29 -0.10	7.53 -0.39 -3.27	4.76 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	3.18 0.31 -6.43	1.54 0.88 -11.45	5.56 0.26 -10.35	8.63 -0.47 -3.44	7.21 -0.46 -2.92	4.73 0.07 -5.49	11.83 -0.79 -4.75	32.05 -3.11 -1.62	16.97 -1.93 -1.16	1.82 0.16 -3.83
NIAGARA_230_LBMP 323716	3.06 0.00 -3.20	3.90 -0.07 -2.57	2.11 0.02 -2.89	3.34 -0.04 -2.58	6.01 -0.19 -2.27	7.14 -0.38 -0.89	6.04 -0.21 -2.78	10.23 -0.62 -2.56	10.39 -0.61 -2.83	23.23 -1.86 -0.08	7.56 -0.32 -3.23	4.74 -0.10 -3.37	2.97 0.03 -3.43	2.53 0.03 -3.02	3.07 0.27 -6.36	1.31 0.77 -11.32	5.39 0.21 -10.24	8.64 -0.42 -3.40	7.23 -0.41 -2.88	4.66 0.07 -5.43	8.91 -0.70 -1.75	11.71 -2.74 19.11	12.24 -1.69 3.80	1.73 0.12 -3.79
NIAGARA__115KV_198_GIBSON 55903	3.09 0.00 -3.24	3.90 -0.10 -2.60	2.15 0.02 -2.92	3.35 -0.05 -2.61	6.01 -0.21 -2.29	7.06 -0.43 -0.85	6.02 -0.27 -2.81	10.12 -0.76 -2.59	10.29 -0.74 -2.86	22.82 -2.29 -0.10	7.53 -0.39 -3.27	4.76 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	1.45 0.31 -4.70	1.00 0.90 -10.89	4.87 0.25 -9.67	8.64 -0.46 -3.44	7.21 -0.46 -2.92	4.73 0.08 -5.49	11.82 -0.78 -4.75	32.02 -3.14 -1.62	17.00 -1.89 -1.16	1.82 0.16 -3.83
NIAGARA____ 23760	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.92	3.35 -0.05 -2.61	6.01 -0.21 -2.29	7.11 -0.40 -0.88	6.03 -0.25 -2.80	10.17 -0.70 -2.58	10.35 -0.67 -2.85	23.06 -2.05 -0.09	7.55 -0.35 -3.25	4.76 -0.11 -3.40	3.01 0.04 -3.46	2.55 0.04 -3.05	3.13 0.30 -6.39	1.46 0.85 -11.39	5.55 0.28 -10.32	8.63 -0.45 -3.42	7.22 -0.43 -2.90	4.70 0.07 -5.46	10.30 -0.74 -3.18	21.35 -2.94 9.26	14.45 -1.81 1.47	1.81 0.15 -3.83
NINE_MILE_1 23575	1.50 0.01 -1.65	2.67 -0.05 -1.32	0.72 0.03 -1.49	2.09 -0.03 -1.33	4.95 -0.15 -1.17	7.47 -0.25 -1.09	4.77 -0.13 -1.42	9.29 -0.31 -1.31	9.30 -0.32 -1.45	24.08 -0.98 -0.05	6.12 -0.18 -1.65	3.14 -0.06 -1.73	1.28 0.02 -1.75	1.04 0.02 -1.55	-1.00 0.14 -2.42	-4.70 0.41 -5.67	-0.08 0.16 -4.81	7.06 -0.22 -1.62	5.93 -0.18 -1.37	1.78 0.03 -2.58	9.67 -0.31 -2.12	32.21 -1.34 0.00	17.34 -0.76 -0.36	-0.29 0.08 -1.80
NINE_MILE_2 23744	1.50 0.01 -1.65	2.67 -0.05 -1.32	0.72 0.03 -1.49	2.09 -0.03 -1.33	4.95 -0.15 -1.17	7.47 -0.25 -1.09	4.77 -0.13 -1.42	9.29 -0.31 -1.31	9.30 -0.32 -1.45	24.08 -0.98 -0.05	6.12 -0.18 -1.65	3.13 -0.06 -1.73	1.28 0.02 -1.75	1.04 0.02 -1.55	-1.00 0.14 -2.42	-4.71 0.41 -5.66	-0.08 0.16 -4.81	7.06 -0.22 -1.62	5.93 -0.18 -1.37	1.78 0.03 -2.58	9.66 -0.31 -2.12	32.21 -1.34 0.00	17.34 -0.76 -0.36	-0.30 0.08 -1.80
NM_CAPITAL____DRP 24208	23.96 -0.01 -24.12	20.81 0.06 -19.35	20.96 -0.03 -21.79	20.28 0.03 -19.45	21.17 0.17 -17.07	22.83 0.28 -15.92	24.44 0.14 -20.82	27.81 0.34 -19.18	29.74 0.33 -21.23	26.75 0.99 -0.75	29.06 0.19 -24.22	26.83 0.06 -25.30	25.21 -0.02 -25.72	22.11 -0.02 -22.66	31.83 -0.15 -35.54	72.26 -0.45 -83.49	68.44 -0.20 -73.70	31.83 0.23 -25.94	26.88 0.18 -21.95	40.44 -0.03 -41.31	42.14 0.33 -33.95	34.97 1.42 0.00	24.30 0.75 -5.81	26.52 -0.09 -28.79
NM_CENTRAL____DRP 24181	1.89 0.00 -2.03	3.01 -0.03 -1.63	1.05 0.01 -1.84	2.42 -0.02 -1.64	5.30 -0.07 -1.44	7.87 -0.11 -1.34	5.18 -0.05 -1.76	9.77 -0.14 -1.62	9.81 -0.15 -1.79	24.61 -0.46 -0.06	6.61 -0.09 -2.04	3.57 -0.03 -2.13	1.69 0.01 -2.17	1.39 0.01 -1.91	-0.51 0.07 -2.99	-3.59 0.18 -7.01	1.26 0.05 -6.26	7.85 -0.06 -2.25	6.62 -0.06 -1.93	2.81 0.01 -3.63	10.74 -0.11 -2.99	33.07 -0.48 0.00	17.92 -0.32 -0.51	0.39 0.03 -2.54
NM_FRONTIER____DRP 24179	3.09 0.00 -3.24	3.90 -0.10 -2.60	2.15 0.02 -2.92	3.35 -0.05 -2.61	6.01 -0.21 -2.29	7.06 -0.43 -0.85	6.02 -0.27 -2.81	10.12 -0.76 -2.59	10.29 -0.74 -2.86	22.82 -2.29 -0.10	7.53 -0.39 -3.27	4.76 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	1.45 0.31 -4.70	1.00 0.90 -10.89	4.87 0.25 -9.67	8.64 -0.46 -3.44	7.21 -0.46 -2.92	4.73 0.08 -5.49	11.82 -0.78 -4.75	32.02 -3.14 -1.62	17.00 -1.89 -1.16	1.82 0.16 -3.83
NM_ST_REGIS____HYD 24053	5.89 0.01 -6.04	2.94 -0.05 -1.60	-0.77 0.03 0.00	0.76 -0.03 0.00	3.80 -0.13 0.00	6.42 -0.22 0.00	3.36 -0.11 0.00	8.02 -0.27 0.00	7.89 -0.28 0.00	24.13 -0.87 0.00	4.45 -0.20 0.00	1.40 -0.07 0.00	-3.17 0.02 2.71	-17.20 0.03 16.70	-18.14 0.14 14.72	-20.11 0.40 9.73	-12.95 0.18 8.07	5.50 -0.17 0.00	4.61 -0.14 0.00	-0.80 0.03 0.00	7.66 -0.20 0.00	32.92 -0.63 0.00	17.57 -0.17 0.00	-2.15 0.03 0.00
NORTHPORT____1 23551	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.45 0.30 -14.22	20.44 0.55 -13.25	21.08 0.27 -17.34	24.82 0.57 -15.97	26.52 0.68 -17.67	27.69 2.06 -0.62	25.23 0.43 -20.16	23.02 0.14 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.17 -0.33 -30.06	57.98 -0.73 -69.50	55.96 -0.35 -61.36	27.61 0.36 -21.60	23.34 0.34 -18.25	33.47 -0.08 -34.38	36.65 0.65 -28.14	36.14 2.59 0.00	24.09 1.53 -4.82	21.46 -0.22 -23.86
NORTHPORT____2 23552	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.45 0.30 -14.22	20.44 0.55 -13.25	21.08 0.27 -17.34	24.82 0.57 -15.97	26.52 0.68 -17.67	27.69 2.06 -0.62	25.23 0.43 -20.16	23.02 0.14 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.17 -0.33 -30.06	57.98 -0.73 -69.50	55.96 -0.35 -61.36	27.61 0.36 -21.60	23.34 0.34 -18.25	33.47 -0.08 -34.38	36.65 0.65 -28.14	36.14 2.59 0.00	24.09 1.53 -4.82	21.46 -0.22 -23.86
NORTHPORT____3 23553	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.20	18.43 0.29 -14.22	20.42 0.53 -13.25	21.08 0.26 -17.34	24.82 0.56 -15.97	26.49 0.66 -17.67	27.64 2.00 -0.62	25.22 0.41 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.53 -0.06 -24.11	26.16 -0.34 -30.06	57.95 -0.76 -69.50	55.95 -0.36 -61.36	27.63 0.37 -21.60	23.35 0.34 -18.25	33.47 -0.08 -34.38	36.65 0.65 -28.14	36.14 2.59 0.00	24.04 1.48 -4.82	21.47 -0.21 -23.86
NORTHPORT____4 23650	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.20	18.43 0.29 -14.22	20.42 0.53 -13.25	21.08 0.26 -17.34	24.82 0.56 -15.97	26.49 0.66 -17.67	27.64 2.00 -0.62	25.22 0.41 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.53 -0.06 -24.11	26.16 -0.34 -30.06	57.95 -0.76 -69.50	55.95 -0.36 -61.36	27.63 0.37 -21.60	23.35 0.34 -18.25	33.47 -0.08 -34.38	36.65 0.65 -28.14	36.14 2.59 0.00	24.04 1.48 -4.82	21.47 -0.21 -23.86
NORTHPORT____IC 23718	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.45 0.30 -14.22	20.44 0.55 -13.25	21.08 0.27 -17.34	24.82 0.57 -15.97	26.52 0.68 -17.67	27.69 2.06 -0.62	25.23 0.43 -20.16	23.02 0.14 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.17 -0.33 -30.06	57.98 -0.73 -69.50	55.96 -0.35 -61.36	27.61 0.36 -21.60	23.34 0.34 -18.25	33.47 -0.08 -34.38	36.65 0.65 -28.14	36.14 2.59 0.00	24.09 1.53 -4.82	21.46 -0.22 -23.86

NORTH__COUNTRY_ESR 323785	-22.55 0.01 22.41	-4.60 -0.08 5.92	-0.75 0.05 0.00	0.75 -0.03 0.00	3.77 -0.16 0.00	6.37 -0.27 0.00	3.35 -0.13 0.00	8.01 -0.28 0.00	7.91 -0.26 0.00	24.28 -0.73 0.00	4.48 -0.17 0.00	1.40 -0.06 0.00	-3.69 0.02 3.22	-20.35 0.03 19.85	-21.01 0.05 17.49	-22.29 0.05 11.56	-14.65 0.00 9.60	5.70 0.04 0.00	4.70 -0.05 0.00	-0.82 0.02 0.00	7.92 0.06 0.00	33.65 0.10 0.00	17.68 -0.06 0.00	-2.16 0.02 0.00
NPX_GEN_1385_PROXY 323591	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.42 0.28 -14.22	20.47 0.58 -13.25	21.09 0.28 -17.34	25.28 0.46 -16.53	26.29 0.45 -17.67	27.61 1.52 -1.08	25.10 0.30 -20.16	22.98 0.10 -21.41	24.86 -0.04 -25.38	23.54 -0.04 -24.11	26.25 -0.25 -30.06	58.28 -0.44 -69.50	57.17 -0.29 -62.52	27.44 0.18 -21.60	23.23 0.22 -18.25	33.48 -0.07 -34.38	36.50 0.51 -28.14	35.66 2.11 0.00	23.94 1.38 -4.82	21.49 -0.20 -23.86
NPX_GEN_CSC 323557	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.56 0.68 -13.25	21.16 0.34 -17.34	25.59 0.77 -16.53	26.71 0.87 -17.67	28.67 2.58 -1.08	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.41 -30.06	57.72 -0.99 -69.50	56.99 -0.48 -62.52	27.77 0.51 -21.60	23.48 0.48 -18.25	33.44 -0.10 -34.38	36.89 0.90 -28.14	37.11 3.56 0.00	24.54 1.99 -4.82	21.43 -0.26 -23.86
NSINS_S_GLNS_FALLS 23858	24.87 -0.01 -25.02	21.51 0.04 -20.07	21.79 -0.02 -22.61	20.99 0.02 -20.18	21.77 0.13 -17.71	23.38 0.23 -16.51	25.24 0.13 -21.64	28.56 0.34 -19.92	30.52 0.31 -22.05	26.62 0.84 -0.78	29.96 0.16 -25.15	27.80 0.05 -26.28	26.21 -0.01 -26.71	22.99 -0.02 -23.53	33.24 -0.11 -36.91	75.55 -0.38 -86.72	71.27 -0.20 -76.53	32.80 0.24 -26.90	27.71 0.20 -22.76	41.97 -0.03 -42.84	43.46 0.39 -35.21	35.07 1.52 0.00	24.48 0.72 -6.03	27.59 -0.09 -29.86
NUCOR_STEEL__DRP 24197	2.52 0.00 -2.67	3.53 -0.01 -2.14	1.62 0.01 -2.41	2.94 0.00 -2.15	5.80 -0.02 -1.89	8.37 -0.03 -1.76	5.76 -0.01 -2.30	10.39 -0.02 -2.12	10.48 -0.04 -2.34	24.93 -0.16 -0.08	7.29 -0.04 -2.67	4.25 -0.01 -2.80	2.36 0.00 -2.84	1.98 0.00 -2.50	0.38 0.02 -3.92	-1.54 0.05 -9.19	3.10 0.06 -8.16	8.70 0.06 -2.98	7.40 0.04 -2.61	4.07 -0.01 -4.91	11.97 0.06 -4.04	33.76 0.21 0.00	18.45 0.02 -0.69	1.24 -0.01 -3.43
NUMBER_THREE_WT_PWR 323818	1.85 0.00 -2.00	2.34 -0.06 -0.99	0.01 0.03 -0.78	1.45 -0.04 -0.70	4.35 -0.19 -0.61	6.92 -0.28 -0.57	4.08 -0.14 -0.75	8.65 -0.33 -0.69	8.57 -0.36 -0.76	23.87 -1.16 -0.03	5.27 -0.25 -0.87	2.29 -0.08 -0.90	-0.22 0.03 -0.24	-3.89 0.03 3.40	-5.80 0.20 2.44	-9.75 0.51 -0.52	-4.25 0.23 -0.58	6.40 -0.19 -0.92	5.52 -0.02 -0.79	0.66 0.01 -1.49	8.93 -0.16 -1.22	33.08 -0.46 0.00	17.90 -0.05 -0.21	-1.10 0.04 -1.04
NYISO_LBMP_REFERENCE 24008	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.93 0.00 0.00	6.63 0.00 0.00	3.47 0.00 0.00	8.29 0.00 0.00	8.17 0.00 0.00	25.00 0.00 0.00	4.65 0.00 0.00	1.47 0.00 0.00	-0.49 0.00 0.00	-0.53 0.00 0.00	-3.56 0.00 0.00	-10.78 0.00 0.00	-5.06 0.00 0.00	5.66 0.00 0.00	4.75 0.00 0.00	-0.83 0.00 0.00	7.86 0.00 0.00	33.55 0.00 0.00	17.74 0.00 0.00	-2.18 0.00 0.00
NYPA_BRENTWD__GT 24164	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.35 -14.22	20.52 0.64 -13.25	21.13 0.32 -17.34	24.96 0.70 -15.97	26.64 0.80 -17.67	28.05 2.42 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.11 -0.39 -30.06	57.78 -0.93 -69.50	55.86 -0.44 -61.36	27.72 0.47 -21.60	23.43 0.43 -18.25	33.45 -0.09 -34.38	36.80 0.80 -28.14	36.77 3.22 0.00	24.38 1.82 -4.82	21.44 -0.25 -23.86
NYPA_GOWANUS__GT5 24156	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.47 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NYPA_GOWANUS__GT6 24157	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.77 2.14 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.82 -0.47 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.18 1.62 -4.82	21.49 -0.20 -23.87
NYPA_HARLEM_RVR_GT1 24160	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.88 0.63 -15.96	26.51 0.67 -17.66	27.61 1.98 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.68 -0.34 -29.57	57.73 -0.97 -69.49	55.86 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
NYPA_HARLEM_RVR_GT2 24161	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.88 0.63 -15.96	26.51 0.67 -17.66	27.61 1.98 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.68 -0.34 -29.57	57.73 -0.97 -69.49	55.86 -0.43 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.23 2.68 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
NYPA_KENT__GT 24152	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.50 -13.25	21.08 0.26 -17.34	24.90 0.64 -15.96	26.53 0.69 -17.66	27.75 2.12 -0.62	25.22 0.41 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.65 -0.37 -29.57	57.66 -1.04 -69.49	55.83 -0.47 -61.35	27.78 0.52 -21.59	23.45 0.45 -18.25	33.46 -0.08 -34.37	36.71 0.72 -28.13	36.44 2.89 0.00	24.13 1.57 -4.82	21.49 -0.19 -23.86
NYPA_POUCH1__GT 24155	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.37 0.49 -13.25	21.07 0.25 -17.34	24.86 0.61 -15.96	26.48 0.65 -17.66	27.60 1.97 -0.62	25.22 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.28 -0.06 -18.86	25.65 -0.36 -29.57	57.71 -1.00 -69.48	55.87 -0.43 -61.35	27.76 0.51 -21.59	23.46 0.46 -18.25	33.47 -0.07 -34.37	36.72 0.72 -28.13	36.43 2.88 0.00	24.20 1.64 -4.82	21.48 -0.21 -23.87
NYPA_VERNON__GT2 24162	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.50 -13.25	21.07 0.26 -17.34	24.89 0.64 -15.96	26.52 0.68 -17.66	27.73 2.10 -0.62	25.21 0.41 -20.15	22.66 0.13 -21.06	20.86 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.36 -29.57	57.67 -1.03 -69.49	55.83 -0.47 -61.35	27.77 0.51 -21.59	23.44 0.44 -18.25	33.46 -0.08 -34.37	36.69 0.70 -28.13	36.37 2.82 0.00	24.08 1.52 -4.82	21.50 -0.19 -23.86

NYPA_VERNON____GT3 24163	19.92	17.61	17.29	17.04	18.42	20.39	21.07	24.89	26.52	27.73	25.21	22.66	20.86	18.28	25.66	57.67	55.83	27.77	23.44	33.46	36.69	36.37	24.08	21.50
	-0.01	0.10	-0.06	0.06	0.28	0.50	0.26	0.64	0.68	2.10	0.41	0.13	-0.05	-0.05	-0.36	-1.03	-0.47	0.51	0.44	-0.08	0.70	2.82	1.52	-0.19
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
NYPA____ASTORIA_CC1 323568	19.92	17.61	17.29	17.04	18.42	20.37	21.07	24.88	26.50	27.67	25.20	22.66	20.87	18.28	25.66	57.70	55.84	27.76	23.42	33.46	36.67	36.31	24.04	21.50
	-0.01	0.10	-0.06	0.06	0.27	0.49	0.25	0.62	0.66	2.04	0.40	0.13	-0.05	-0.05	-0.35	-1.00	-0.46	0.50	0.43	-0.07	0.68	2.76	1.49	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
NYPA____ASTORIA_CC2 323569	19.92	17.61	17.29	17.04	18.42	20.37	21.07	24.88	26.50	27.67	25.20	22.66	20.87	18.28	25.66	57.70	55.84	27.76	23.42	33.46	36.67	36.31	24.04	21.50
	-0.01	0.10	-0.06	0.06	0.27	0.49	0.25	0.62	0.66	2.04	0.40	0.13	-0.05	-0.05	-0.35	-1.00	-0.46	0.50	0.43	-0.07	0.68	2.76	1.49	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
NYPA____HOLTSVILL 23794	19.92	17.63	17.29	17.05	18.49	20.51	21.13	24.96	26.63	28.02	25.29	23.04	24.84	23.52	26.13	57.82	55.89	27.71	23.42	33.45	36.78	36.67	24.32	21.45
	-0.01	0.11	-0.06	0.06	0.34	0.62	0.31	0.70	0.79	2.39	0.48	0.16	-0.06	-0.06	-0.38	-0.90	-0.42	0.45	0.42	-0.09	0.78	3.13	1.77	-0.24
	-20.08	-16.11	-18.14	-16.20	-14.22	-13.25	-17.34	-15.97	-17.67	-0.62	-20.16	-21.41	-25.38	-24.11	-30.06	-69.50	-61.36	-21.60	-18.25	-34.38	-28.14	0.00	-4.82	-23.86
NYPA____HELLGATE_GT1 24158	19.92	17.61	17.29	17.04	18.41	20.36	21.06	24.88	26.51	27.61	25.19	22.65	20.87	18.28	25.68	57.73	55.86	27.74	23.41	33.47	36.66	36.23	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.26	0.47	0.25	0.63	0.67	1.98	0.39	0.13	-0.05	-0.05	-0.34	-0.97	-0.43	0.48	0.41	-0.07	0.67	2.68	1.48	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
NYPA____HELLGATE_GT2 24159	19.92	17.61	17.29	17.04	18.41	20.36	21.06	24.88	26.51	27.61	25.19	22.65	20.87	18.28	25.68	57.73	55.86	27.74	23.41	33.47	36.66	36.23	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.26	0.47	0.25	0.63	0.67	1.98	0.39	0.13	-0.05	-0.05	-0.34	-0.97	-0.43	0.48	0.41	-0.07	0.67	2.68	1.48	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
NYS_BARGE____HYD 23848	3.04	3.89	2.09	3.32	6.02	7.18	6.04	10.25	10.42	23.36	7.56	4.73	2.95	2.50	2.94	1.20	5.32	8.66	7.24	4.64	11.66	30.99	16.89	1.71
	0.00	-0.06	0.01	-0.03	-0.16	-0.32	-0.20	-0.59	-0.57	-1.74	-0.30	-0.09	0.03	0.03	0.26	0.73	0.22	-0.39	-0.38	0.06	-0.65	-2.55	-1.61	0.11
	-3.18	-2.55	-2.88	-2.57	-2.25	-0.88	-2.76	-2.54	-2.81	-0.10	-3.21	-3.35	-3.41	-3.01	-6.24	-11.24	-10.16	-3.38	-2.87	-5.41	-4.45	0.00	-0.76	-3.77
OAK ORCHARD____HYD 24046	2.51	3.50	1.62	2.92	5.71	8.20	5.67	10.13	10.23	24.24	7.16	4.20	2.35	1.98	1.38	-1.18	3.33	8.32	6.98	3.72	11.28	32.39	17.58	1.03
	0.00	-0.03	0.01	-0.02	-0.10	-0.18	-0.09	-0.27	-0.27	-0.85	-0.15	-0.04	0.01	0.02	0.13	0.33	0.06	-0.16	-0.17	0.03	-0.30	-1.16	-0.79	0.05
	-2.66	-2.13	-2.40	-2.14	-1.88	-1.75	-2.28	-2.10	-2.33	-0.08	-2.66	-2.77	-2.82	-2.49	-4.82	-9.27	-8.32	-2.82	-2.41	-4.53	-3.72	0.00	-0.64	-3.16
OAKDALE__35_KV_LOAD 356122	6.06	6.39	4.81	5.81	8.37	10.80	8.88	13.32	13.72	25.45	10.93	8.00	6.14	5.31	5.60	10.80	14.21	12.60	10.61	10.09	17.05	34.61	19.57	5.43
	0.00	0.01	-0.01	0.00	0.04	0.07	0.04	0.08	0.08	0.25	0.04	0.01	0.00	0.00	-0.03	-0.08	-0.05	0.06	0.05	-0.01	0.08	0.28	0.10	-0.03
	-6.21	-4.98	-5.61	-5.01	-4.40	-4.10	-5.37	-4.95	-5.47	-0.19	-6.24	-6.52	-6.63	-5.84	-9.20	-21.66	-19.32	-6.87	-5.81	-10.94	-9.11	-0.77	-1.72	-7.63
OCC_CHEM____DRP 24175	3.09	3.91	2.15	3.35	6.01	7.06	6.03	10.14	10.32	22.88	7.54	4.77	3.02	2.57	1.45	1.00	4.87	8.66	7.22	4.74	12.19	34.52	17.62	1.82
	0.00	-0.09	0.02	-0.05	-0.21	-0.42	-0.26	-0.74	-0.72	-2.23	-0.38	-0.12	0.04	0.04	0.30	0.87	0.24	-0.44	-0.45	0.07	-0.77	-3.08	-1.86	0.15
	-3.24	-2.60	-2.93	-2.62	-2.30	-0.85	-2.81	-2.59	-2.87	-0.10	-3.27	-3.42	-3.47	-3.06	-4.71	-10.90	-9.68	-3.44	-2.92	-5.50	-5.10	-4.05	-1.74	-3.84
OH_GEN_PROXY 24063	3.07	3.91	2.12	3.34	6.03	7.36	6.07	10.85	10.46	23.90	7.60	4.76	2.98	2.53	3.15	1.27	6.55	8.67	7.25	4.65	10.95	25.95	15.72	1.72
	0.00	-0.07	0.02	-0.03	-0.17	-0.35	-0.19	-0.56	-0.55	-1.66	-0.29	-0.09	0.03	0.03	0.25	0.71	0.18	-0.39	-0.38	0.06	-0.65	-2.52	-1.56	0.11
	-3.21	-2.57	-2.90	-2.59	-2.27	-1.07	-2.78	-3.12	-2.84	-0.56	-3.23	-3.38	-3.44	-3.03	-6.46	-11.34	-11.42	-3.39	-2.88	-5.42	-3.74	5.08	0.45	-3.78
OLIN_CORP_DRP 24177	3.11	3.94	2.17	3.38	6.03	7.08	6.05	10.18	10.35	22.99	7.57	4.79	3.04	2.59	1.49	1.08	4.98	8.66	7.23	4.77	12.30	35.12	17.79	1.83
	0.00	-0.08	0.02	-0.04	-0.21	-0.41	-0.25	-0.72	-0.70	-2.12	-0.36	-0.11	0.04	0.04	0.32	0.91	0.30	-0.46	-0.46	0.08	-0.78	-3.14	-1.85	0.14
	-3.26	-2.61	-2.94	-2.63	-2.31	-0.85	-2.83	-2.60	-2.88	-0.10	-3.29	-3.44	-3.49	-3.08	-4.73	-10.95	-9.73	-3.46	-2.94	-5.53	-5.22	-4.71	-1.91	-3.86
OLIN_CORP_DSASP 323712	3.09	3.91	2.15	3.35	6.01	7.06	6.03	10.14	10.32	22.89	7.54	4.76	3.02	2.57	3.18	1.54	5.56	8.64	7.23	4.74	12.19	34.56	17.59	1.82
	0.00	-0.09	0.02	-0.05	-0.21	-0.42	-0.25	-0.74	-0.71	-2.22	-0.38	-0.12	0.04	0.04	0.30	0.86	0.25	-0.46	-0.45	0.07	-0.77	-3.05	-1.89	0.15
	-3.24	-2.60	-2.93	-2.62	-2.30	-0.85	-2.81	-2.59	-2.87	-0.10	-3.27	-3.42	-3.47	-3.06	-6.44	-11.46	-10.37	-3.44	-2.92	-5.50	-5.10	-4.05	-1.74	-3.84
ONEIDA_HERK_LFGE 323681	1.14	2.14	-0.11	1.39	4.43	7.09	4.11	8.85	8.77	24.77	5.35	2.24	0.11	-1.16	-3.59	-8.85	-3.35	6.46	5.51	0.49	8.98	33.75	18.08	-1.26
	0.00	-0.01	0.01	-0.01	-0.04	-0.04	-0.01	-0.05	-0.07	-0.26	-0.06	-0.02	0.01	0.01	0.05	0.11	0.04	-0.02	0.05	-0.01	0.03	0.20	0.16	0.00
	-1.29	-0.75	-0.68	-0.61	-0.54	-0.50	-0.66	-0.60	-0.67	-0.02	-0.76	-0.80	-0.59	0.65	0.08	-1.82	-1.66	-0.82	-0.71	-1.33	-1.09	0.00	-0.19	-0.92
ONEIDA____115KV_TB4 55905	1.18	2.48	0.40	1.87	4.91	7.59	4.67	9.45	9.41	25.19	6.01	2.87	0.93	0.72	-1.62	-6.27	-1.01	7.21	6.10	1.51	9.95	34.13	18.34	-0.56
	0.00	0.01	-0.01	0.00	0.04	0.08	0.05	0.10	0.06	0.14	0.02	0.00	0.00	0.00	-0.01	-0.07	-0.05	0.08	0.10	-0.02	0.14	0.58	0.27	-0.03
	-1.33	-1.07	-1.20	-1.07	-0.94	-0.88	-1.15	-1.06	-1.17	-0.04	-1.34	-1.39	-1.42	-1.25	-1.96	-4.59	-4.10	-1.47	-1.26	-2.36	-1.94	0.00	-0.33	-1.65

ONONDAGA_REF_OCCRA 23987	2.28 0.00 -2.43	3.33 -0.02 -1.95	1.41 0.01 -2.19	2.74 -0.01 -1.96	5.61 -0.04 -1.72	8.17 -0.07 -1.60	5.54 -0.03 -2.10	10.14 -0.08 -1.93	10.21 -0.09 -2.13	24.79 -0.29 -0.07	7.03 -0.06 -2.44	3.99 -0.02 -2.54	2.10 0.01 -2.59	1.76 0.00 -2.28	0.05 0.04 -3.57	-2.29 0.11 -8.38	2.46 0.02 -7.50	8.35 -0.02 -2.71	7.05 -0.02 -2.32	3.54 0.00 -4.37	11.42 -0.03 -3.60	33.36 -0.19 0.00	18.18 -0.17 -0.61	0.88 0.01 -3.05
ONONDAGA___COGEN 23986	2.16 0.00 -2.31	3.23 -0.02 -1.85	1.30 0.01 -2.08	2.64 -0.01 -1.86	5.51 -0.05 -1.63	8.07 -0.09 -1.52	5.42 -0.04 -1.99	10.02 -0.10 -1.83	10.08 -0.11 -2.02	24.72 -0.36 -0.07	6.89 -0.07 -2.31	3.85 -0.02 -2.41	1.97 0.01 -2.45	1.64 0.01 -2.16	-0.14 0.05 -3.38	-2.72 0.13 -7.93	1.99 0.03 -7.02	8.20 -0.01 -2.55	6.97 -0.02 -2.24	3.38 0.00 -4.21	11.28 -0.04 -3.46	33.35 -0.20 0.00	18.16 -0.17 -0.59	0.77 0.01 -2.94
ONTARIO___LFGE 23819	2.92 0.00 -3.07	3.85 -0.02 -2.46	1.98 0.01 -2.78	3.26 0.00 -2.48	6.08 -0.02 -2.18	9.39 -0.04 -2.79	6.10 0.01 -2.62	10.69 -0.01 -2.41	10.82 -0.02 -2.67	24.94 -0.16 -0.09	7.65 -0.05 -3.04	4.63 -0.02 -3.18	2.75 0.01 -3.23	2.33 0.01 -2.85	1.59 0.05 -5.10	-0.03 0.13 -10.63	4.45 0.00 -9.51	8.96 -0.01 -3.31	7.58 -0.01 -2.84	4.51 0.00 -5.34	12.24 -0.02 -4.40	33.41 -0.14 0.00	18.32 -0.16 -0.75	1.55 -0.01 -3.73
ORANGEVILLE_WT_PWR 323706	3.66 0.00 -3.80	4.39 -0.06 -3.05	2.66 0.02 -3.44	3.83 -0.03 -3.07	6.45 -0.17 -2.69	3.69 -0.31 2.64	6.66 -0.18 -3.37	10.92 -0.48 -3.10	11.15 -0.45 -3.43	23.81 -1.33 -0.13	8.31 -0.26 -3.92	5.47 -0.09 -4.09	3.70 0.03 -4.16	3.17 0.03 -3.67	3.91 0.24 -7.23	3.67 0.69 -13.76	7.56 0.20 -12.41	9.51 -0.35 -4.20	7.97 -0.34 -3.56	5.92 0.05 -6.70	13.73 -0.46 -6.33	37.51 -1.75 -5.71	18.89 -1.15 -2.31	2.58 0.08 -4.68
ORANGEVILLE___ESR 323794	3.66 0.00 -3.80	4.39 -0.06 -3.05	2.66 0.02 -3.44	3.83 -0.03 -3.07	6.45 -0.17 -2.69	3.69 -0.31 2.64	6.66 -0.18 -3.37	10.92 -0.48 -3.10	11.15 -0.45 -3.43	23.81 -1.33 -0.13	8.31 -0.26 -3.92	5.47 -0.09 -4.09	3.70 0.03 -4.16	3.17 0.03 -3.67	3.91 0.24 -7.23	3.67 0.69 -13.76	7.56 0.20 -12.41	9.51 -0.35 -4.20	7.97 -0.34 -3.56	5.92 0.05 -6.70	13.73 -0.46 -6.33	37.51 -1.75 -5.71	18.89 -1.15 -2.31	2.58 0.08 -4.68
OSWEGATCHIE___HYD 24044	3.09 0.00 -3.23	2.54 -0.06 -1.20	-0.19 0.03 -0.58	1.27 -0.03 -0.51	4.21 -0.17 -0.45	6.79 -0.27 -0.42	3.88 -0.14 -0.55	8.47 -0.33 -0.51	8.38 -0.36 -0.56	23.88 -1.15 -0.02	5.05 -0.25 -0.64	2.06 -0.08 -0.67	-1.52 0.03 1.06	-10.62 0.03 10.13	-11.87 0.21 8.52	-14.27 0.56 4.04	-8.06 0.25 3.26	6.12 -0.23 -0.68	5.21 -0.12 -0.58	0.29 0.03 -1.10	8.51 -0.25 -0.90	32.79 -0.76 0.00	17.70 -0.19 -0.15	-1.37 0.04 -0.77
OSWEGO___5 23606	1.71 0.01 -1.86	2.85 -0.04 -1.49	0.90 0.02 -1.68	2.26 -0.02 -1.50	5.12 -0.12 -1.32	7.65 -0.21 -1.23	4.97 -0.11 -1.61	9.51 -0.27 -1.48	9.54 -0.27 -1.63	24.24 -0.83 -0.06	6.36 -0.15 -1.86	3.37 -0.05 -1.95	1.51 0.02 -1.98	1.23 0.02 -1.75	-0.71 0.12 -2.73	-4.03 0.35 -6.40	0.31 0.13 -5.24	7.14 -0.21 -1.68	6.00 -0.17 -1.43	1.88 0.03 -2.68	9.77 -0.29 -2.21	32.30 -1.24 0.00	17.40 -0.71 -0.38	-0.23 0.08 -1.87
OSWEGO___6 23613	1.71 0.01 -1.86	2.85 -0.04 -1.49	0.90 0.02 -1.68	2.26 -0.02 -1.50	5.12 -0.12 -1.32	7.65 -0.21 -1.23	4.97 -0.11 -1.61	9.51 -0.27 -1.48	9.54 -0.27 -1.63	24.24 -0.83 -0.06	6.36 -0.15 -1.86	3.37 -0.05 -1.95	1.51 0.02 -1.98	1.23 0.02 -1.75	-0.71 0.12 -2.73	-4.03 0.35 -6.40	0.31 0.13 -5.24	7.14 -0.21 -1.68	6.00 -0.17 -1.43	1.88 0.03 -2.68	9.77 -0.29 -2.21	32.30 -1.24 0.00	17.40 -0.71 -0.38	-0.23 0.08 -1.87
OUTOKUMPU-AB___DRP 24206	3.15 0.00 -3.30	3.99 -0.05 -2.65	2.19 0.01 -2.98	3.42 -0.03 -2.66	6.14 -0.13 -2.33	7.15 -0.27 -0.78	6.17 -0.17 -2.87	10.42 -0.51 -2.64	10.59 -0.50 -2.92	23.61 -1.51 -0.10	7.72 -0.26 -3.33	4.87 -0.08 -3.48	3.08 0.03 -3.54	2.61 0.02 -3.12	1.45 0.22 -4.79	0.95 0.63 -11.10	4.94 0.14 -9.86	8.85 -0.31 -3.51	7.39 -0.34 -2.98	4.82 0.05 -5.60	12.62 -0.57 -5.33	36.41 -2.20 -5.06	18.34 -1.40 -2.00	1.83 0.10 -3.91
OXBOW____ 24026	3.12 0.00 -3.27	3.96 -0.07 -2.62	2.17 0.02 -2.95	3.39 -0.04 -2.64	6.08 -0.16 -2.32	7.11 -0.34 -0.81	6.11 -0.21 -2.84	10.29 -0.62 -2.62	10.47 -0.60 -2.89	23.27 -1.85 -0.10	7.64 -0.31 -3.30	4.82 -0.10 -3.45	3.05 0.03 -3.51	2.59 0.03 -3.09	3.19 0.26 -6.49	1.51 0.73 -11.57	5.60 0.19 -10.46	8.74 -0.39 -3.47	7.31 -0.38 -2.95	4.78 0.06 -5.55	12.42 -0.66 -5.22	35.54 -2.57 -4.56	17.96 -1.64 -1.87	1.82 0.12 -3.87
OXY_CHEM_DSASP 323612	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.93	3.35 -0.05 -2.62	6.01 -0.21 -2.30	7.06 -0.42 -0.85	6.03 -0.26 -2.81	10.14 -0.74 -2.59	10.32 -0.72 -2.87	22.88 -2.23 -0.10	7.54 -0.38 -3.27	4.77 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	1.45 0.30 -4.71	1.00 0.87 -10.90	4.87 0.24 -9.68	8.66 -0.44 -3.44	7.22 -0.45 -2.92	4.74 0.07 -5.50	12.19 -0.77 -5.10	34.52 -3.08 -4.05	17.62 -1.86 -1.74	1.82 0.15 -3.84
OZONE_PARK_ESR 323760	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.28 -0.06 -18.14	17.04 0.06 -16.19	18.45 0.30 -14.21	20.43 0.54 -13.25	21.10 0.29 -17.34	24.95 0.69 -15.96	26.57 0.74 -17.66	27.92 2.29 -0.62	25.23 0.43 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.63 -0.38 -29.57	57.60 -1.11 -69.49	55.79 -0.51 -61.35	27.81 0.56 -21.59	23.47 0.47 -18.25	33.45 -0.08 -34.37	36.75 0.76 -28.13	36.65 3.10 0.00	24.22 1.67 -4.82	21.47 -0.21 -23.86
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.93	3.35 -0.05 -2.62	6.01 -0.21 -2.30	7.06 -0.42 -0.85	6.03 -0.26 -2.81	10.14 -0.74 -2.59	10.32 -0.72 -2.87	22.88 -2.23 -0.10	7.54 -0.38 -3.27	4.77 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	1.45 0.30 -4.71	1.00 0.87 -10.90	4.87 0.24 -9.68	8.66 -0.44 -3.44	7.22 -0.45 -2.92	4.74 0.07 -5.50	12.19 -0.77 -5.10	34.52 -3.08 -4.05	17.62 -1.86 -1.74	1.82 0.15 -3.84
PACKARD___115KV_DUPONT_184 80571	3.09 0.00 -3.24	3.91 -0.09 -2.60	2.15 0.02 -2.93	3.35 -0.05 -2.62	6.01 -0.21 -2.30	7.06 -0.42 -0.85	6.03 -0.26 -2.81	10.14 -0.74 -2.59	10.32 -0.72 -2.87	22.88 -2.23 -0.10	7.54 -0.38 -3.27	4.77 -0.12 -3.42	3.02 0.04 -3.47	2.57 0.04 -3.06	1.45 0.30 -4.71	1.00 0.87 -10.90	4.87 0.24 -9.68	8.66 -0.44 -3.44	7.22 -0.45 -2.92	4.74 0.07 -5.50	12.19 -0.77 -5.10	34.52 -3.08 -4.05	17.62 -1.86 -1.74	1.82 0.15 -3.84
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.87 0.62 -15.96	26.50 0.66 -17.66	27.60 1.96 -0.62	25.18 0.38 -20.15	22.65 0.13 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.68 -0.33 -29.57	57.74 -0.96 -69.49	55.86 -0.43 -61.35	27.73 0.48 -21.59	23.40 0.41 -18.25	33.47 -0.07 -34.37	36.65 0.66 -28.13	36.22 2.67 0.00	24.01 1.46 -4.82	21.50 -0.18 -23.86

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.85 0.60 -15.96	26.48 0.64 -17.66	27.54 1.91 -0.62	25.17 0.37 -20.15	22.65 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.68 -0.33 -29.57	57.77 -0.94 -69.49	55.87 -0.42 -61.35	27.73 0.47 -21.59	23.40 0.40 -18.25	33.47 -0.07 -34.37	36.64 0.65 -28.13	36.14 2.59 0.00	23.97 1.41 -4.82	21.51 -0.18 -23.86
PATROON__115KV_TB1 80586	24.13 0.00 -24.29	20.95 0.07 -19.48	21.11 -0.03 -21.94	20.41 0.04 -19.59	21.30 0.18 -17.19	22.96 0.30 -16.03	24.60 0.16 -20.97	27.98 0.37 -19.32	29.92 0.37 -21.38	26.85 1.09 -0.76	29.24 0.20 -24.39	27.02 0.07 -25.49	25.39 -0.02 -25.90	22.27 -0.02 -22.82	32.07 -0.17 -35.79	72.81 -0.50 -84.09	68.94 -0.23 -74.22	32.04 0.26 -26.12	27.06 0.21 -22.10	40.72 -0.03 -41.59	42.41 0.37 -34.18	35.12 1.57 0.00	24.41 0.82 -5.85	26.71 -0.10 -28.99
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	3.41 0.00 -3.56	4.24 -0.03 -2.86	2.42 0.00 -3.22	3.65 -0.01 -2.87	6.41 -0.04 -2.52	7.43 -0.12 -0.92	6.49 -0.08 -3.10	10.88 -0.27 -2.85	11.06 -0.27 -3.16	24.46 -0.66 -0.12	8.12 -0.13 -3.60	5.18 -0.04 -3.76	3.35 0.01 -3.82	2.85 0.01 -3.37	1.73 0.13 -5.16	1.49 0.36 -11.91	5.57 0.04 -10.59	9.26 -0.17 -3.77	7.73 -0.22 -3.20	5.21 0.03 -6.01	13.77 -0.35 -6.27	41.45 -1.35 -9.25	19.85 -0.95 -3.06	2.07 0.05 -4.20
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.98 -0.01 -20.14	17.65 0.10 -16.15	17.34 -0.05 -18.19	17.08 0.06 -16.24	18.46 0.27 -14.25	20.41 0.49 -13.29	21.12 0.26 -17.39	24.92 0.62 -16.01	26.54 0.65 -17.71	27.62 1.98 -0.63	25.23 0.38 -20.20	22.70 0.12 -21.11	20.92 -0.04 -21.46	18.33 -0.05 -18.91	25.76 -0.34 -29.65	57.91 -0.98 -69.67	56.02 -0.45 -61.53	27.82 0.50 -21.66	23.50 0.43 -18.32	33.57 -0.08 -34.48	36.89 0.70 -28.33	36.41 2.86 0.00	24.08 1.49 -4.85	21.66 -0.18 -24.02
PEEKSKILL____ 23653	19.78 -0.01 -19.94	17.49 0.09 -16.00	17.17 -0.05 -18.02	16.92 0.05 -16.08	18.29 0.25 -14.12	20.24 0.44 -13.16	20.93 0.23 -17.22	24.70 0.55 -15.85	26.31 0.59 -17.54	27.43 1.80 -0.62	25.01 0.35 -20.01	22.49 0.11 -20.91	20.72 -0.04 -21.25	18.15 -0.05 -18.73	25.50 -0.31 -29.37	57.33 -0.90 -69.01	55.46 -0.41 -60.93	27.56 0.45 -21.44	23.25 0.39 -18.12	33.23 -0.07 -34.13	36.37 0.62 -27.90	36.05 2.50 0.00	23.85 1.34 -4.77	21.31 -0.17 -23.66
PGE MADISON__WINDPWR 24146	5.77 -0.01 -5.93	6.21 0.06 -4.75	4.52 -0.04 -5.35	5.60 0.04 -4.78	8.32 0.20 -4.19	11.21 0.40 -4.17	8.83 0.25 -5.12	13.56 0.55 -4.71	13.78 0.39 -5.21	26.21 1.01 -0.18	10.73 0.14 -5.95	7.71 0.03 -6.22	5.81 -0.01 -6.32	5.02 -0.01 -5.56	4.30 -0.08 -7.94	9.23 -0.31 -20.33	12.77 -0.19 -18.02	12.42 0.23 -6.53	10.55 0.27 -5.53	9.51 -0.06 -10.41	16.99 0.57 -8.56	35.58 2.03 0.00	20.16 0.96 -1.47	4.96 -0.12 -7.26
PIERCEFIELD__HYD 23852	3.67 0.01 -3.81	2.36 -0.05 -1.01	-0.77 0.03 0.00	0.76 -0.03 0.00	3.80 -0.13 0.00	6.41 -0.22 0.00	3.35 -0.12 0.00	7.99 -0.30 0.00	7.85 -0.32 0.00	24.00 -1.00 0.00	4.43 -0.22 0.00	1.40 -0.07 0.00	-3.08 0.03 2.62	-16.62 0.03 16.12	-17.59 0.18 14.21	-19.65 0.52 9.39	-12.61 0.25 7.80	5.43 -0.23 0.00	4.56 -0.19 0.00	-0.80 0.04 0.00	7.56 -0.30 0.00	32.61 -0.94 0.00	17.48 -0.26 0.00	-2.13 0.04 0.00
PINELAWN_CC_1 323563	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.47 0.32 -14.22	20.48 0.59 -13.25	21.11 0.30 -17.34	24.93 0.67 -15.97	26.60 0.76 -17.67	27.93 2.29 -0.62	25.27 0.46 -20.16	23.03 0.15 -21.41	24.84 -0.05 -25.38	23.52 -0.06 -24.11	26.13 -0.37 -30.06	57.40 -0.90 -69.08	54.77 -0.43 -60.26	27.23 0.46 -21.11	23.04 0.42 -17.87	32.85 -0.09 -33.78	36.76 0.77 -28.14	36.64 3.09 0.00	24.29 1.73 -4.82	21.45 -0.23 -23.86
PJM_GEN_HTP_PROXY 323702	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.48 0.27 -14.28	20.37 0.49 -13.25	21.07 0.25 -17.34	24.87 0.61 -15.96	26.49 0.66 -17.66	27.68 2.05 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.35 -29.57	57.71 -0.99 -69.49	55.85 -0.45 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.67 -28.13	36.30 2.75 0.00	24.04 1.49 -4.82	21.39 -0.19 -23.75
PJM_GEN_KEystone 24065	12.37 -0.01 -12.53	11.49 0.04 -10.04	10.49 -0.03 -11.31	10.91 0.02 -10.10	12.98 0.12 -8.93	14.87 0.21 -8.03	14.40 0.11 -10.82	18.48 0.22 -9.96	19.44 0.24 -11.02	26.19 0.79 -0.39	17.37 0.14 -12.57	14.65 0.04 -13.14	12.84 -0.02 -13.35	11.22 -0.02 -11.77	16.16 -0.13 -19.85	32.20 -0.35 -43.33	33.21 -0.20 -38.47	19.17 0.16 -13.35	16.14 0.12 -11.27	20.39 -0.03 -21.25	25.39 0.18 -17.34	34.36 0.81 0.00	21.06 0.36 -2.97	12.35 -0.08 -14.60
PJM_GEN_NEPTUNE_PROXY 323594	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.20	18.49 0.29 -14.28	20.41 0.52 -13.25	21.08 0.26 -17.34	24.83 0.57 -15.97	26.51 0.67 -17.67	27.67 2.04 -0.62	25.22 0.41 -20.16	22.86 0.14 -21.25	23.04 -0.05 -23.57	21.14 -0.06 -21.72	25.94 -0.34 -29.84	58.09 -0.80 -69.68	56.42 -0.37 -61.84	27.86 0.39 -21.81	23.53 0.36 -18.42	33.73 -0.08 -34.64	36.66 0.66 -28.14	36.19 2.64 0.00	24.04 1.49 -4.82	21.38 -0.20 -23.76
PJM_GEN_VFT_PROXY 323633	19.92 -0.01 -20.08	17.60 0.09 -16.11	17.29 -0.05 -18.14	17.04 0.05 -16.19	18.47 0.26 -14.28	20.36 0.47 -13.25	21.05 0.24 -17.34	24.83 0.57 -15.96	26.45 0.62 -17.66	27.58 1.95 -0.62	25.16 0.36 -20.15	22.64 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.69 -0.33 -29.57	57.77 -0.93 -69.49	55.87 -0.43 -61.35	27.72 0.47 -21.59	23.40 0.40 -18.25	33.47 -0.07 -34.37	36.62 0.63 -28.13	36.09 2.54 0.00	23.95 1.40 -4.82	21.40 -0.18 -23.75
PLATSBRG_115KV_PMLD1 355749	-21.19 0.00 21.05	-4.22 -0.07 5.56	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.12 0.00	6.44 -0.20 0.00	3.39 -0.08 0.00	8.12 -0.17 0.00	8.02 -0.14 0.00	24.61 -0.40 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.75 0.02 3.28	-20.71 0.02 20.20	-21.38 -0.01 17.80	-22.70 -0.15 11.77	-14.93 -0.11 9.77	5.77 0.11 0.00	4.77 0.02 0.00	-0.83 0.00 0.00	8.05 0.19 0.00	34.04 0.49 0.00	17.85 0.12 0.00	-2.19 -0.01 0.00
PLEASANTVLY__LBMP 24000	20.62 -0.01 -20.78	18.15 0.08 -16.67	17.93 -0.05 -18.77	17.59 0.04 -16.76	18.86 0.22 -14.71	20.74 0.39 -13.71	21.62 0.20 -17.94	25.29 0.48 -16.52	26.96 0.51 -18.28	27.19 1.54 -0.65	25.80 0.30 -20.85	23.35 0.10 -21.79	21.62 -0.03 -22.14	18.94 -0.04 -19.51	26.78 -0.26 -30.60	60.35 -0.77 -71.90	58.08 -0.35 -63.48	28.39 0.39 -22.35	23.98 0.33 -18.90	34.69 -0.06 -35.58	37.61 0.54 -29.21	35.75 2.20 0.00	23.91 1.17 -5.00	22.45 -0.15 -24.77
PLSNTVLE_13_KV_13.8KVDIST 80602	20.01 -0.01 -20.16	17.67 0.09 -16.17	17.37 -0.05 -18.22	17.10 0.05 -16.26	18.46 0.25 -14.27	20.39 0.45 -13.30	21.12 0.24 -17.41	24.89 0.57 -16.03	26.51 0.60 -17.74	27.48 1.85 -0.63	25.25 0.36 -20.24	22.73 0.12 -21.14	20.96 -0.04 -21.49	18.36 -0.05 -18.93	25.82 -0.32 -29.70	58.08 -0.92 -69.78	56.14 -0.42 -61.61	27.81 0.46 -21.68	23.47 0.39 -18.33	33.62 -0.07 -34.52	36.78 0.63 -28.29	36.13 2.58 0.00	23.95 1.37 -4.84	21.64 -0.17 -23.99

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.01 -0.01 -20.16	17.67 0.09 -16.17	17.37 -0.05 -18.22	17.10 0.05 -16.26	18.46 0.25 -14.27	20.39 0.45 -13.30	21.12 0.24 -17.41	24.89 0.57 -16.03	26.51 0.60 -17.74	27.48 1.85 -0.63	25.25 0.36 -20.24	22.73 0.12 -21.14	20.96 -0.04 -21.49	18.36 -0.05 -18.93	25.82 -0.32 -29.70	58.08 -0.92 -69.78	56.14 -0.42 -61.61	27.81 0.46 -21.68	23.47 0.39 -18.33	33.62 -0.07 -34.52	36.78 0.63 -28.29	36.13 2.58 0.00	23.95 1.37 -4.84	21.64 -0.17 -23.99
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.16 -0.01 -20.32	17.79 0.09 -16.30	17.51 -0.05 -18.36	17.22 0.05 -16.39	18.56 0.24 -14.38	20.47 0.43 -13.41	21.25 0.23 -17.55	24.98 0.54 -16.15	26.60 0.56 -17.87	27.31 1.67 -0.63	25.36 0.32 -20.39	22.88 0.10 -21.31	21.13 -0.04 -21.65	18.51 -0.04 -19.08	26.08 -0.28 -29.93	58.68 -0.84 -70.31	56.64 -0.39 -62.08	27.95 0.43 -21.85	23.61 0.37 -18.49	33.90 -0.06 -34.80	37.08 0.61 -28.61	36.05 2.50 0.00	23.95 1.31 -4.90	21.92 -0.16 -24.26
POLETTI____ 23519	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.85 0.60 -15.96	26.48 0.65 -17.66	27.64 2.01 -0.62	25.18 0.38 -20.15	22.65 0.12 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.73 -0.98 -69.49	55.86 -0.44 -61.35	27.74 0.48 -21.59	23.41 0.41 -18.25	33.47 -0.07 -34.37	36.65 0.66 -28.13	36.22 2.67 0.00	24.00 1.45 -4.82	21.50 -0.18 -23.86
PORT_JEFF_3 23555	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.06 -18.14	17.05 0.07 -16.20	18.50 0.35 -14.22	20.53 0.64 -13.25	21.14 0.32 -17.34	24.98 0.72 -15.97	26.66 0.81 -17.67	28.09 2.46 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.39 -30.06	57.78 -0.94 -69.50	55.87 -0.44 -61.36	27.72 0.46 -21.60	23.44 0.43 -18.25	33.45 -0.09 -34.38	36.82 0.82 -28.14	36.81 3.26 0.00	24.39 1.84 -4.82	21.44 -0.25 -23.86
PORT_JEFF_4 23616	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.06 -18.14	17.05 0.07 -16.20	18.50 0.35 -14.22	20.53 0.64 -13.25	21.14 0.32 -17.34	24.98 0.72 -15.97	26.66 0.81 -17.67	28.09 2.46 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.12 -0.39 -30.06	57.78 -0.94 -69.50	55.87 -0.44 -61.36	27.72 0.46 -21.60	23.44 0.43 -18.25	33.45 -0.09 -34.38	36.82 0.82 -28.14	36.81 3.26 0.00	24.39 1.84 -4.82	21.44 -0.25 -23.86
PORT_JEFF_IC 23713	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.35 -14.22	20.54 0.65 -13.25	21.14 0.32 -17.34	24.99 0.73 -15.97	26.67 0.83 -17.67	28.13 2.50 -0.62	25.30 0.50 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.11 -0.39 -30.06	57.75 -0.96 -69.50	55.86 -0.44 -61.36	27.72 0.47 -21.60	23.44 0.43 -18.25	33.45 -0.09 -34.38	36.84 0.84 -28.14	36.90 3.35 0.00	24.43 1.87 -4.82	21.43 -0.25 -23.86
PPL PILGRIM_ST_GT1 24216	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.35 -14.22	20.52 0.64 -13.25	21.13 0.32 -17.34	24.96 0.70 -15.97	26.64 0.80 -17.67	28.05 2.42 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.11 -0.39 -30.06	57.78 -0.93 -69.50	55.86 -0.44 -61.36	27.72 0.47 -21.60	23.43 0.43 -18.25	33.45 -0.09 -34.38	36.80 0.80 -28.14	36.77 3.22 0.00	24.38 1.82 -4.82	21.44 -0.25 -23.86
PPL PILGRIM_ST_GT2 24217	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.49 0.35 -14.22	20.52 0.64 -13.25	21.13 0.32 -17.34	24.96 0.70 -15.97	26.64 0.80 -17.67	28.05 2.42 -0.62	25.30 0.49 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.52 -0.06 -24.11	26.11 -0.39 -30.06	57.78 -0.93 -69.50	55.86 -0.44 -61.36	27.72 0.47 -21.60	23.43 0.43 -18.25	33.45 -0.09 -34.38	36.80 0.80 -28.14	36.77 3.22 0.00	24.38 1.82 -4.82	21.44 -0.25 -23.86
PPL_SHRM_GT3 24213	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.56 0.68 -13.25	21.16 0.34 -17.34	25.03 0.77 -15.97	26.70 0.86 -17.67	28.19 2.56 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.73 -0.98 -69.50	55.83 -0.47 -61.36	27.77 0.51 -21.60	23.48 0.47 -18.25	33.44 -0.10 -34.38	36.88 0.89 -28.14	37.10 3.55 0.00	24.54 1.98 -4.82	21.43 -0.26 -23.86
PPL_SHRM_GT4 24214	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.56 0.68 -13.25	21.16 0.34 -17.34	25.03 0.77 -15.97	26.70 0.86 -17.67	28.19 2.56 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.73 -0.98 -69.50	55.83 -0.47 -61.36	27.77 0.51 -21.60	23.48 0.47 -18.25	33.44 -0.10 -34.38	36.88 0.89 -28.14	37.10 3.55 0.00	24.54 1.98 -4.82	21.43 -0.26 -23.86
PROJECT____ORANGE 1 24174	1.91 0.00 -2.06	3.03 -0.03 -1.65	1.08 0.01 -1.86	2.44 -0.02 -1.66	5.32 -0.07 -1.46	7.88 -0.11 -1.36	5.20 -0.05 -1.78	9.79 -0.13 -1.64	9.84 -0.14 -1.81	24.63 -0.44 -0.06	6.63 -0.08 -2.07	3.60 -0.03 -2.16	1.71 0.01 -2.20	1.42 0.01 -1.93	-0.47 0.06 -3.03	-3.52 0.16 -7.10	1.34 0.05 -6.35	7.89 -0.06 -2.29	6.65 -0.06 -1.96	2.86 0.01 -3.68	10.79 -0.10 -3.03	33.10 -0.45 0.00	17.95 -0.31 -0.52	0.42 0.03 -2.57
PROJECT____ORANGE 2 24166	1.91 0.00 -2.06	3.03 -0.03 -1.65	1.08 0.01 -1.86	2.44 -0.02 -1.66	5.32 -0.07 -1.46	7.88 -0.11 -1.36	5.20 -0.05 -1.78	9.79 -0.13 -1.64	9.84 -0.14 -1.81	24.63 -0.44 -0.06	6.63 -0.08 -2.07	3.60 -0.03 -2.16	1.71 0.01 -2.20	1.42 0.01 -1.93	-0.47 0.06 -3.03	-3.52 0.16 -7.10	1.34 0.05 -6.35	7.89 -0.06 -2.29	6.65 -0.06 -1.96	2.86 0.01 -3.68	10.79 -0.10 -3.03	33.10 -0.45 0.00	17.95 -0.31 -0.52	0.42 0.03 -2.57
PUCKETT____SOLAR 323809	6.21 -0.01 -6.36	6.53 0.03 -5.11	4.94 -0.02 -5.75	5.94 0.02 -5.13	8.53 0.10 -4.51	11.01 0.18 -4.20	9.08 0.10 -5.50	13.59 0.22 -5.06	13.94 0.16 -5.61	25.63 0.43 -0.20	11.10 0.06 -6.40	8.16 0.01 -6.68	6.30 -0.01 -6.79	5.45 -0.01 -5.98	4.08 -0.05 -7.69	10.67 -0.16 -21.61	13.91 -0.11 -19.07	12.81 0.12 -7.03	10.81 0.12 -5.95	10.33 -0.02 -11.19	17.29 0.23 -9.20	34.41 0.86 0.00	19.70 0.38 -1.58	5.58 -0.05 -7.81
PYRITES____HYD 24023	3.35 0.00 -3.49	2.30 -0.02 -0.92	-0.79 0.01 0.00	0.78 -0.01 0.00	3.88 -0.05 0.00	6.55 -0.08 0.00	3.43 -0.04 0.00	8.17 -0.13 0.00	8.01 -0.16 0.00	24.45 -0.55 0.00	4.52 -0.13 0.00	1.42 -0.04 0.00	-3.16 0.02 2.69	-17.08 0.02 16.57	-18.06 0.10 14.61	-20.15 0.28 9.65	-12.92 0.14 8.01	5.55 -0.11 0.00	4.66 -0.09 0.00	-0.81 0.02 0.00	7.71 -0.15 0.00	33.18 -0.37 0.00	17.71 -0.02 0.00	-2.16 0.01 0.00
QUAKERRD_115KV_BK1 80622	2.44 0.00 -2.58	3.41 -0.07 -2.07	1.56 0.03 -2.33	2.84 -0.04 -2.08	5.58 -0.18 -1.83	8.02 -0.32 -1.70	5.53 -0.16 -2.22	9.91 -0.43 -2.04	10.00 -0.43 -2.26	23.77 -1.32 -0.08	6.99 -0.24 -2.58	4.09 -0.07 -2.69	2.27 0.02 -2.74	1.91 0.03 -2.41	0.37 0.20 -3.74	-1.51 0.55 -8.72	2.84 0.17 -7.72	8.13 -0.27 -2.75	6.83 -0.26 -2.34	3.61 0.04 -4.40	11.03 -0.45 -3.62	31.73 -1.82 0.00	17.27 -1.08 -0.62	0.99 0.10 -3.07

QUENSBRY_I15KV_TB8 356137	24.89	21.53	21.80	21.01	21.78	23.38	25.26	28.58	30.54	26.63	29.98	27.82	26.23	23.01	33.26	75.61	71.32	32.83	27.73	42.00	43.49	35.09	24.48	27.61
	-0.01	0.04	-0.02	0.02	0.12	0.22	0.13	0.35	0.31	0.84	0.16	0.05	-0.01	-0.02	-0.11	-0.39	-0.21	0.24	0.20	-0.03	0.40	1.54	0.72	-0.09
	-25.04	-20.09	-22.62	-20.19	-17.72	-16.53	-21.65	-19.94	-22.06	-0.78	-25.17	-26.30	-26.73	-23.55	-36.94	-86.78	-76.58	-26.92	-22.78	-42.87	-35.23	0.00	-6.03	-29.88
RAMAPO____LBMP 323565	19.37	17.16	16.80	16.59	18.00	19.96	20.56	24.36	25.93	27.38	24.58	22.06	20.28	17.76	24.90	55.90	54.20	27.10	22.85	32.50	35.68	35.99	23.69	20.74
	-0.01	0.09	-0.05	0.05	0.24	0.44	0.23	0.54	0.58	1.76	0.33	0.11	-0.04	-0.05	-0.31	-0.89	-0.42	0.45	0.38	-0.07	0.61	2.44	1.30	-0.17
	-19.53	-15.67	-17.64	-15.75	-13.82	-12.89	-16.86	-15.52	-17.18	-0.61	-19.60	-20.48	-20.81	-18.34	-28.76	-67.58	-59.67	-21.00	-17.72	-33.41	-27.22	0.00	-4.66	-23.08
RANKINE____ 23646	3.34	4.16	2.35	3.58	6.30	7.02	6.38	10.69	10.87	24.05	7.98	5.08	3.27	2.79	1.68	1.44	5.45	9.11	7.61	5.12	13.87	43.10	20.13	2.02
	0.00	-0.04	0.00	-0.02	-0.10	-0.22	-0.13	-0.39	-0.38	-1.08	-0.19	-0.06	0.02	0.02	0.18	0.51	0.09	-0.25	-0.28	0.04	-0.45	-1.69	-1.13	0.07
	-3.48	-2.79	-3.15	-2.81	-2.46	-0.61	-3.03	-2.79	-3.09	-0.12	-3.52	-3.68	-3.74	-3.30	-5.06	-11.71	-10.41	-3.70	-3.14	-5.91	-6.46	-11.24	-3.52	-4.12
RAVENSWOOD_GT2_1 24244	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.86	26.49	27.66	25.19	22.65	20.87	18.28	25.67	57.72	55.85	27.75	23.42	33.46	36.66	36.28	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.48	0.25	0.61	0.65	2.03	0.39	0.13	-0.05	-0.05	-0.34	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.73	1.48	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT2_2 24245	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.86	26.49	27.66	25.19	22.65	20.87	18.28	25.67	57.72	55.85	27.75	23.42	33.46	36.66	36.28	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.48	0.25	0.61	0.65	2.03	0.39	0.13	-0.05	-0.05	-0.34	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.73	1.48	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT2_3 24246	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.87	26.50	27.67	25.19	22.65	20.87	18.28	25.67	57.71	55.85	27.75	23.42	33.46	36.67	36.30	24.04	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.49	0.25	0.61	0.66	2.04	0.39	0.13	-0.05	-0.05	-0.35	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.75	1.49	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT2_4 24247	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.87	26.50	27.67	25.19	22.65	20.87	18.28	25.67	57.71	55.85	27.75	23.42	33.46	36.67	36.30	24.04	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.49	0.25	0.61	0.66	2.04	0.39	0.13	-0.05	-0.05	-0.35	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.75	1.49	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT3_1 24248	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.86	26.49	27.65	25.19	22.65	20.87	18.28	25.67	57.72	55.85	27.75	23.42	33.46	36.66	36.27	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.48	0.25	0.61	0.65	2.02	0.39	0.13	-0.05	-0.05	-0.34	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.72	1.48	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT3_2 24249	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.86	26.49	27.65	25.19	22.65	20.87	18.28	25.67	57.72	55.85	27.75	23.42	33.46	36.66	36.27	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.48	0.25	0.61	0.65	2.02	0.39	0.13	-0.05	-0.05	-0.34	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.72	1.48	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT3_3 24250	19.92	17.61	17.29	17.04	18.42	20.38	21.07	24.88	26.50	27.70	25.20	22.65	20.87	18.27	25.66	57.70	55.84	27.76	23.43	33.46	36.67	36.34	24.06	21.49
	-0.01	0.10	-0.05	0.06	0.27	0.49	0.26	0.62	0.67	2.07	0.39	0.13	-0.05	-0.05	-0.35	-1.01	-0.46	0.50	0.43	-0.07	0.68	2.79	1.50	-0.19
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT3_4 24251	19.92	17.61	17.29	17.04	18.42	20.38	21.07	24.88	26.50	27.70	25.20	22.65	20.87	18.27	25.66	57.70	55.84	27.76	23.43	33.46	36.67	36.34	24.06	21.49
	-0.01	0.10	-0.05	0.06	0.27	0.49	0.26	0.62	0.67	2.07	0.39	0.13	-0.05	-0.05	-0.35	-1.01	-0.46	0.50	0.43	-0.07	0.68	2.79	1.50	-0.19
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT_1 23729	19.92	17.61	17.29	17.04	18.42	20.39	21.07	24.89	26.52	27.73	25.21	22.66	20.86	18.28	25.66	57.67	55.83	27.77	23.44	33.46	36.69	36.37	24.08	21.50
	-0.01	0.10	-0.06	0.06	0.28	0.50	0.26	0.64	0.68	2.10	0.41	0.13	-0.05	-0.05	-0.36	-1.03	-0.47	0.51	0.44	-0.08	0.70	2.82	1.52	-0.19
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT_10 24258	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.86	26.49	27.65	25.19	22.65	20.87	18.28	25.67	57.72	55.85	27.75	23.42	33.46	36.66	36.27	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.48	0.25	0.61	0.65	2.02	0.39	0.13	-0.05	-0.05	-0.34	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.72	1.47	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT_11 24259	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.86	26.49	27.65	25.19	22.65	20.87	18.28	25.67	57.72	55.85	27.75	23.42	33.46	36.66	36.27	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.48	0.25	0.61	0.65	2.02	0.39	0.13	-0.05	-0.05	-0.34	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.72	1.47	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86
RAVENSWOOD_GT_4 24252	19.92	17.61	17.29	17.04	18.41	20.37	21.06	24.86	26.49	27.66	25.19	22.65	20.87	18.28	25.67	57.72	55.85	27.75	23.42	33.47	36.66	36.27	24.03	21.50
	-0.01	0.10	-0.05	0.06	0.27	0.48	0.25	0.61	0.65	2.03	0.39	0.13	-0.05	-0.05	-0.34	-0.99	-0.45	0.49	0.42	-0.07	0.67	2.72	1.47	-0.18
	-20.08	-16.11	-18.14	-16.19	-14.21	-13.25	-17.34	-15.96	-17.66	-0.62	-20.15	-21.06	-21.40	-18.86	-29.57	-69.49	-61.35	-21.59	-18.25	-34.37	-28.13	0.00	-4.82	-23.86

RAVENSWOOD_GT_5 24254	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.66 2.03 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.27 2.72 0.00	24.03 1.47 -4.82	21.50 -0.18 -23.86
RAVENSWOOD_GT_6 24253	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.66 2.03 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.27 2.72 0.00	24.03 1.47 -4.82	21.50 -0.18 -23.86
RAVENSWOOD_GT_7 24255	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.66 2.03 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.27 2.72 0.00	24.03 1.47 -4.82	21.50 -0.18 -23.86
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.65 2.02 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.67 -28.13	36.27 2.72 0.00	24.03 1.47 -4.82	21.50 -0.18 -23.86
RAVENSWOOD_GT_9 24257	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.49 0.65 -17.66	27.65 2.02 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.34 -29.57	57.72 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.66 0.67 -28.13	36.27 2.72 0.00	24.03 1.47 -4.82	21.50 -0.18 -23.86
RAVENSWOOD___1 23533	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.87 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.75 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.68 0.69 -28.13	36.34 2.79 0.00	24.06 1.51 -4.82	21.50 -0.18 -23.86
RAVENSWOOD___2 23534	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.87 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.75 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.05 1.50 -4.82	21.50 -0.18 -23.86
RAVENSWOOD___3 23535	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.48 -13.25	21.06 0.25 -17.34	24.87 0.61 -15.96	26.49 0.65 -17.66	27.66 2.03 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.67 -0.35 -29.57	57.72 -0.99 -69.49	55.85 -0.45 -61.35	27.75 0.49 -21.59	23.42 0.42 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.28 2.73 0.00	24.03 1.48 -4.82	21.50 -0.18 -23.86
RAVENSWOOD___4 23820	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.87 0.62 -15.96	26.50 0.66 -17.66	27.67 2.04 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.75 0.50 -21.59	23.42 0.42 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.76 0.00	24.05 1.50 -4.82	21.50 -0.18 -23.86
RCPL_TRUST___DRP 24196	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.51 0.68 -17.66	27.75 2.12 -0.62	25.21 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.36 -29.57	57.67 -1.03 -69.49	55.83 -0.47 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.08 -34.37	36.68 0.69 -28.13	36.37 2.82 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86
RED___ROCHESTER 323720	2.50 0.00 -2.65	3.50 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.01 -2.14	5.73 -0.08 -1.87	8.23 -0.15 -1.75	5.68 -0.07 -2.28	10.17 -0.22 -2.10	10.26 -0.22 -2.32	24.39 -0.70 -0.08	7.18 -0.12 -2.64	4.19 -0.04 -2.76	2.33 0.01 -2.81	1.96 0.02 -2.48	1.34 0.10 -4.80	-1.29 0.25 -9.24	3.26 0.02 -8.29	8.35 -0.12 -2.81	7.01 -0.14 -2.39	3.69 0.02 -4.50	11.32 -0.25 -3.71	32.61 -0.94 0.00	17.69 -0.69 -0.63	1.01 0.04 -3.14
REGAN___SOLAR 323812	28.07 -0.01 -28.23	24.16 0.11 -22.64	24.64 -0.06 -25.50	23.62 0.06 -22.77	24.24 0.32 -19.98	25.83 0.57 -18.63	28.21 0.32 -24.41	31.43 0.66 -22.48	33.50 0.45 -24.87	27.14 1.25 -0.88	33.22 0.20 -28.38	31.18 0.07 -29.65	29.63 -0.01 -30.13	26.01 -0.02 -26.55	37.97 -0.12 -41.64	86.67 -0.38 -97.83	80.99 -0.30 -86.34	36.45 0.43 -30.35	30.78 0.35 -25.68	47.44 -0.07 -48.33	48.29 0.70 -39.73	36.53 2.98 0.00	25.99 1.45 -6.80	31.36 -0.17 -33.70
RENSSELAER___COGEN 23796	23.90 -0.01 -24.06	20.76 0.06 -19.30	20.91 -0.03 -21.74	20.23 0.03 -19.40	21.13 0.16 -17.03	22.79 0.27 -15.88	24.38 0.14 -20.77	27.76 0.33 -19.13	29.68 0.33 -21.17	26.74 0.98 -0.75	28.99 0.19 -24.15	26.76 0.06 -25.24	25.14 -0.02 -25.65	22.05 -0.02 -22.60	31.74 -0.15 -35.45	72.04 -0.45 -83.27	68.26 -0.20 -73.51	31.77 0.23 -25.88	26.83 0.18 -21.89	40.34 -0.03 -41.21	42.06 0.33 -33.86	34.97 1.42 0.00	24.29 0.75 -5.80	26.45 -0.09 -28.72
REPUBLIC_115KV_BARTNBRK 55605	24.86 -0.01 -25.02	21.58 0.11 -20.07	21.75 -0.06 -22.61	21.03 0.06 -20.18	21.99 0.35 -17.71	23.76 0.61 -16.51	25.46 0.35 -21.64	29.08 0.86 -19.92	30.94 0.72 -22.05	27.86 2.07 -0.78	30.20 0.39 -25.15	27.87 0.12 -26.28	26.18 -0.04 -26.71	22.96 -0.04 -23.53	33.06 -0.28 -36.91	74.97 -0.96 -86.71	70.95 -0.52 -76.52	33.18 0.62 -26.90	28.01 0.50 -22.76	41.92 -0.08 -42.84	44.01 0.94 -35.21	37.13 3.58 0.00	25.48 1.72 -6.03	27.46 -0.22 -29.86
REVERE_CPPR_DRP 24186	1.00 0.00 -1.15	2.34 0.02 -0.92	0.23 -0.01 -1.04	1.73 0.01 -0.93	4.79 0.05 -0.82	7.50 0.11 -0.76	4.54 0.07 -0.99	9.34 0.13 -0.91	9.27 0.09 -1.01	25.24 0.20 -0.04	5.84 0.03 -1.15	2.68 0.01 -1.21	0.63 0.00 -1.11	-0.13 0.00 -0.40	-2.49 -0.02 -1.09	-7.30 -0.10 -3.58	-1.90 -0.06 -3.21	7.03 0.10 -1.27	5.97 0.14 -1.08	1.18 -0.02 -2.04	9.73 0.19 -1.68	34.34 0.79 0.00	18.42 0.39 -0.29	-0.80 -0.04 -1.42

REYNOLDS_115KV_TB3 80639	23.95 -0.01 -24.10	20.79 0.06 -19.33	20.94 -0.03 -21.77	20.26 0.03 -19.44	21.15 0.16 -17.06	22.80 0.26 -15.90	24.42 0.14 -20.81	27.78 0.32 -19.17	29.70 0.31 -21.21	26.70 0.94 -0.75	29.03 0.18 -24.20	26.81 0.06 -25.28	25.19 -0.02 -25.69	22.09 -0.02 -22.64	31.81 -0.14 -35.51	72.22 -0.42 -83.43	68.40 -0.18 -73.64	31.79 0.21 -25.92	26.85 0.17 -21.93	40.41 -0.03 -41.27	42.09 0.31 -33.92	34.89 1.34 0.00	24.25 0.71 -5.81	26.50 -0.09 -28.76
RIVERBAY____ 323610	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.26 -14.21	20.36 0.47 -13.25	21.06 0.25 -17.34	24.85 0.60 -15.96	26.48 0.64 -17.66	27.54 1.91 -0.62	25.17 0.37 -20.15	22.65 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.68 -0.33 -29.57	57.77 -0.94 -69.49	55.87 -0.42 -61.35	27.73 0.47 -21.59	23.40 0.40 -18.25	33.47 -0.07 -34.37	36.64 0.65 -28.13	36.14 2.59 0.00	23.97 1.41 -4.82	21.51 -0.18 -23.86
RIVERSDE_115KV_TB3 55908	23.96 -0.01 -24.12	20.81 0.06 -19.35	20.96 -0.03 -21.79	20.28 0.03 -19.45	21.17 0.17 -17.07	22.83 0.28 -15.92	24.44 0.14 -20.82	27.81 0.34 -19.18	29.74 0.33 -21.23	26.75 0.99 -0.75	29.06 0.19 -24.22	26.83 0.06 -25.30	25.21 -0.02 -25.72	22.11 -0.02 -22.66	31.83 -0.15 -35.54	72.26 -0.45 -83.49	68.44 -0.20 -73.70	31.83 0.23 -25.94	26.88 0.18 -21.95	40.44 -0.03 -41.31	42.14 0.33 -33.95	34.97 1.42 0.00	24.30 0.75 -5.81	26.52 -0.09 -28.79
ROARING____BROOK_WT_PWR 323790	-23.09 0.01 22.95	-32.23 -0.09 33.54	-26.05 0.05 25.31	-15.63 -0.05 16.37	-21.87 -0.26 25.55	6.21 -0.42 0.00	3.27 -0.20 0.00	7.86 -0.44 0.00	7.73 -0.44 0.00	23.79 -1.22 0.00	4.43 -0.22 0.00	1.40 -0.06 0.00	-6.70 0.03 6.24	-39.00 0.03 38.50	-37.47 0.23 34.13	-34.08 0.70 24.00	-23.34 0.34 18.63	5.37 -0.29 0.00	4.60 -0.15 0.00	-0.81 0.02 0.00	7.51 -0.35 0.00	32.11 -1.44 0.00	17.13 -0.61 0.00	-2.09 0.08 0.00
ROCHESRG_115KV_T4 355643	2.49 0.00 -2.63	3.47 -0.04 -2.11	1.59 0.01 -2.38	2.89 -0.02 -2.12	5.69 -0.11 -1.86	7.96 -0.20 -1.53	5.63 -0.10 -2.27	10.08 -0.30 -2.09	10.17 -0.31 -2.31	24.14 -0.95 -0.08	7.11 -0.17 -2.63	4.17 -0.05 -2.75	2.33 0.02 -2.79	1.96 0.02 -2.46	0.39 0.14 -3.81	-1.52 0.39 -8.88	2.89 0.07 -7.87	8.27 -0.19 -2.79	6.93 -0.20 -2.38	3.68 0.03 -4.48	11.10 -0.34 -3.58	31.48 -1.34 0.72	17.34 -0.85 -0.46	1.01 0.06 -3.13
ROCHESTER_9_IC 23652	2.50 0.00 -2.65	3.49 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.02 -2.14	5.71 -0.09 -1.87	8.21 -0.17 -1.75	5.66 -0.09 -2.28	10.13 -0.26 -2.10	10.22 -0.27 -2.32	24.27 -0.82 -0.08	7.16 -0.14 -2.64	4.19 -0.04 -2.76	2.34 0.01 -2.81	1.97 0.02 -2.48	0.39 0.12 -3.83	-1.54 0.32 -8.92	2.90 0.05 -7.91	8.32 -0.15 -2.81	6.97 -0.17 -2.39	3.70 0.03 -4.50	11.27 -0.30 -3.71	32.41 -1.13 0.00	17.62 -0.75 -0.63	1.02 0.05 -3.14
ROCKVIEW_13_KV_LD 356306	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.36 0.48 -13.25	21.06 0.25 -17.34	24.86 0.61 -15.96	26.48 0.65 -17.66	27.62 1.99 -0.62	25.18 0.38 -20.15	22.65 0.12 -21.06	20.87 -0.04 -21.40	18.28 -0.05 -18.86	25.68 -0.34 -29.58	57.73 -0.98 -69.49	55.85 -0.44 -61.35	27.74 0.49 -21.59	23.42 0.42 -18.25	33.47 -0.07 -34.37	36.66 0.67 -28.13	36.29 2.74 0.00	24.01 1.46 -4.82	21.50 -0.18 -23.86
ROME____115KV_TB2 80656	1.00 0.00 -1.15	2.34 0.02 -0.92	0.23 -0.01 -1.04	1.73 0.01 -0.93	4.79 0.05 -0.82	7.50 0.11 -0.76	4.54 0.07 -0.99	9.34 0.13 -0.91	9.27 0.09 -1.01	25.24 0.20 -0.04	5.84 0.03 -1.15	2.68 0.01 -1.21	0.63 0.00 -1.11	-0.13 0.00 -0.40	-2.49 -0.02 -1.09	-7.30 -0.10 -3.58	-1.90 -0.06 -3.21	7.03 0.10 -1.27	5.97 0.14 -1.08	1.18 -0.02 -2.04	9.73 0.19 -1.68	34.34 0.79 0.00	18.42 0.39 -0.29	-0.80 -0.04 -1.42
ROSETON____1 23587	19.63 -0.01 -19.79	17.36 0.08 -15.88	17.04 -0.05 -17.88	16.80 0.04 -15.96	18.17 0.22 -14.01	20.10 0.40 -13.06	20.77 0.21 -17.09	24.52 0.50 -15.74	26.11 0.53 -17.41	27.21 1.59 -0.62	24.82 0.31 -19.86	22.32 0.10 -20.76	20.57 -0.04 -21.09	18.02 -0.04 -18.59	25.32 -0.27 -29.15	56.92 -0.79 -68.49	55.06 -0.36 -60.48	27.36 0.40 -21.29	23.11 0.34 -18.02	33.02 -0.06 -33.91	36.33 0.56 -27.91	35.83 2.28 0.00	23.73 1.22 -4.78	21.34 -0.15 -23.67
ROSETON____2 23588	19.63 -0.01 -19.79	17.36 0.08 -15.88	17.04 -0.05 -17.88	16.80 0.04 -15.96	18.17 0.22 -14.01	20.10 0.40 -13.06	20.77 0.21 -17.09	24.52 0.50 -15.74	26.11 0.53 -17.41	27.21 1.59 -0.62	24.82 0.31 -19.86	22.32 0.10 -20.76	20.57 -0.04 -21.09	18.02 -0.04 -18.59	25.32 -0.27 -29.15	56.92 -0.79 -68.49	55.06 -0.36 -60.48	27.36 0.40 -21.29	23.11 0.34 -18.02	33.02 -0.06 -33.91	36.33 0.56 -27.91	35.83 2.28 0.00	23.73 1.22 -4.78	21.34 -0.15 -23.67
ROTTSDAM_115KV_TB3 80664	25.20 -0.01 -25.35	21.79 0.05 -20.33	22.08 -0.03 -22.90	21.26 0.03 -20.44	22.02 0.14 -17.94	23.61 0.25 -16.73	25.54 0.14 -21.93	28.80 0.31 -20.19	30.82 0.30 -22.34	26.68 0.88 -0.79	30.30 0.16 -25.49	28.16 0.05 -26.64	26.56 -0.02 -27.07	23.30 -0.02 -23.85	33.72 -0.13 -37.41	76.70 -0.40 -87.89	72.32 -0.18 -77.55	33.13 0.22 -27.25	27.99 0.18 -23.06	42.53 -0.03 -43.39	43.85 0.32 -35.66	34.89 1.34 0.00	24.53 0.69 -6.11	27.99 -0.08 -30.25
RUSSELL____1 23602	2.50 0.00 -2.65	3.50 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.01 -2.14	5.73 -0.08 -1.87	8.23 -0.15 -1.75	5.68 -0.07 -2.28	10.17 -0.22 -2.10	10.26 -0.23 -2.32	24.39 -0.70 -0.08	7.18 -0.12 -2.64	4.19 -0.04 -2.76	2.33 0.01 -2.81	1.96 0.02 -2.48	0.37 0.10 -3.83	-1.60 0.26 -8.92	2.87 0.02 -7.91	8.35 -0.12 -2.81	7.00 -0.14 -2.39	3.69 0.02 -4.50	11.32 -0.25 -3.71	32.59 -0.95 0.00	17.71 -0.66 -0.63	1.01 0.04 -3.14
RUSSELL____2 23532	2.50 0.00 -2.65	3.50 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.01 -2.14	5.73 -0.08 -1.87	8.23 -0.15 -1.75	5.68 -0.07 -2.28	10.17 -0.22 -2.10	10.26 -0.23 -2.32	24.39 -0.70 -0.08	7.18 -0.12 -2.64	4.19 -0.04 -2.76	2.33 0.01 -2.81	1.96 0.02 -2.48	0.37 0.10 -3.83	-1.60 0.26 -8.92	2.87 0.02 -7.91	8.35 -0.12 -2.81	7.00 -0.14 -2.39	3.69 0.02 -4.50	11.32 -0.25 -3.71	32.59 -0.95 0.00	17.71 -0.66 -0.63	1.01 0.04 -3.14
RUSSELL____3 23549	2.50 0.00 -2.65	3.50 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.01 -2.14	5.73 -0.08 -1.87	8.23 -0.15 -1.75	5.68 -0.07 -2.28	10.17 -0.22 -2.10	10.26 -0.23 -2.32	24.39 -0.70 -0.08	7.18 -0.12 -2.64	4.19 -0.04 -2.76	2.33 0.01 -2.81	1.96 0.02 -2.48	0.37 0.10 -3.83	-1.60 0.26 -8.92	2.87 0.02 -7.91	8.35 -0.12 -2.81	7.00 -0.14 -2.39	3.69 0.02 -4.50	11.32 -0.25 -3.71	32.59 -0.95 0.00	17.71 -0.66 -0.63	1.01 0.04 -3.14
RUSSELL____4 23556	2.50 0.00 -2.65	3.50 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.01 -2.14	5.73 -0.08 -1.87	8.23 -0.15 -1.75	5.68 -0.07 -2.28	10.17 -0.22 -2.10	10.26 -0.23 -2.32	24.39 -0.70 -0.08	7.18 -0.12 -2.64	4.19 -0.04 -2.76	2.33 0.01 -2.81	1.96 0.02 -2.48	0.37 0.10 -3.83	-1.60 0.26 -8.92	2.87 0.02 -7.91	8.35 -0.12 -2.81	7.00 -0.14 -2.39	3.69 0.02 -4.50	11.32 -0.25 -3.71	32.59 -0.95 0.00	17.71 -0.66 -0.63	1.01 0.04 -3.14

RUSSELL___STATION 23914	2.50 0.00 -2.65	3.50 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.01 -2.14	5.73 -0.08 -1.87	8.23 -0.15 -1.75	5.68 -0.07 -2.28	10.17 -0.22 -2.10	10.26 -0.23 -2.32	24.39 -0.70 -0.08	7.18 -0.12 -2.64	4.19 -0.04 -2.76	2.33 0.01 -2.81	1.96 0.02 -2.48	0.37 0.10 -3.83	-1.60 0.26 -8.92	2.87 0.02 -7.91	8.35 -0.12 -2.81	7.00 -0.14 -2.39	3.69 0.02 -4.50	11.32 -0.25 -3.71	32.59 -0.95 0.00	17.71 -0.66 -0.63	1.01 0.04 -3.14
S SALMON___HYD 24043	1.99 0.01 -2.13	2.84 -0.05 -1.48	0.77 0.03 -1.54	2.14 -0.03 -1.38	5.00 -0.14 -1.21	7.54 -0.22 -1.13	4.84 -0.10 -1.48	9.39 -0.27 -1.36	9.39 -0.28 -1.50	24.16 -0.90 -0.05	6.18 -0.18 -1.71	3.20 -0.06 -1.79	1.11 0.02 -1.57	-0.42 0.02 -0.08	-2.24 0.15 -1.17	-5.38 0.41 -5.00	-0.53 0.15 -4.37	7.27 -0.17 -1.78	6.17 -0.11 -1.53	2.06 0.02 -2.87	10.01 -0.21 -2.36	32.73 -0.81 0.00	17.72 -0.42 -0.40	-0.11 0.06 -2.00
S.PERRY___115KV_TB1 80734	3.43 0.00 -3.58	4.26 -0.02 -2.87	2.43 0.00 -3.23	3.67 -0.01 -2.89	6.44 -0.03 -2.53	14.13 -0.05 -7.55	6.40 0.05 -2.88	11.01 0.07 -2.65	11.08 -0.02 -2.93	24.92 -0.19 -0.10	7.93 -0.07 -3.35	4.94 -0.03 -3.50	3.08 0.01 -3.55	2.62 0.01 -3.13	1.41 0.10 -4.87	0.87 0.27 -11.38	5.07 0.01 -10.11	9.18 -0.08 -3.60	7.76 -0.06 -3.07	4.93 -0.01 -5.77	12.69 -0.02 -4.85	34.28 0.02 -0.72	18.66 -0.06 -0.98	1.80 -0.05 -4.03
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	3.20 0.00 -3.35	4.03 -0.05 -2.68	2.23 0.01 -3.02	3.46 -0.03 -2.70	6.16 -0.14 -2.37	6.97 -0.29 -0.62	6.22 -0.16 -2.91	10.48 -0.49 -2.68	10.66 -0.48 -2.96	23.72 -1.41 -0.12	7.79 -0.25 -3.38	4.93 -0.07 -3.53	3.13 0.03 -3.59	2.66 0.02 -3.16	1.52 0.22 -4.86	1.10 0.62 -11.27	5.09 0.13 -10.01	8.91 -0.31 -3.56	7.44 -0.33 -3.02	4.90 0.05 -5.68	15.18 -0.55 -7.87	53.84 -2.15 -22.44	22.55 -1.35 -6.17	1.88 0.09 -3.97
SAWYER___23_KV_LOAD 55526	3.20 0.00 -3.35	4.03 -0.05 -2.68	2.23 0.01 -3.02	3.46 -0.03 -2.70	6.16 -0.14 -2.37	6.97 -0.29 -0.62	6.22 -0.16 -2.91	10.48 -0.49 -2.68	10.66 -0.48 -2.96	23.72 -1.41 -0.12	7.79 -0.25 -3.38	4.93 -0.07 -3.53	3.13 0.03 -3.59	2.66 0.02 -3.16	1.52 0.22 -4.86	1.10 0.62 -11.27	5.09 0.13 -10.01	8.91 -0.31 -3.56	7.44 -0.33 -3.02	4.90 0.05 -5.68	15.18 -0.55 -7.87	53.84 -2.15 -22.44	22.55 -1.35 -6.17	1.88 0.09 -3.97
SELKIRK___I 23801	23.54 -0.01 -23.69	20.46 0.06 -19.00	20.57 -0.03 -21.40	19.93 0.03 -19.11	20.87 0.17 -16.77	22.55 0.28 -15.63	24.05 0.14 -20.44	27.44 0.33 -18.81	29.31 0.32 -20.82	26.67 0.93 -0.74	28.58 0.18 -23.75	26.34 0.06 -24.82	24.71 -0.02 -25.22	21.67 -0.02 -22.22	31.15 -0.14 -34.85	70.68 -0.41 -81.88	67.05 -0.19 -72.29	31.35 0.22 -25.46	26.47 0.18 -21.55	39.69 -0.03 -40.55	41.51 0.32 -33.33	34.89 1.34 0.00	24.16 0.72 -5.71	26.00 -0.09 -28.26
SELKIRK___II 23799	23.82 -0.01 -23.97	20.69 0.06 -19.23	20.83 -0.03 -21.66	20.16 0.03 -19.33	21.05 0.15 -16.97	22.71 0.26 -15.82	24.29 0.13 -20.68	27.64 0.31 -19.04	29.55 0.31 -21.07	26.66 0.91 -0.74	28.86 0.17 -24.04	26.64 0.06 -25.12	25.02 -0.02 -25.53	21.94 -0.02 -22.49	31.57 -0.14 -35.27	71.67 -0.41 -82.87	67.92 -0.18 -73.16	31.65 0.22 -25.77	26.73 0.18 -21.80	40.17 -0.03 -41.04	41.89 0.31 -33.73	34.86 1.31 0.00	24.21 0.70 -5.77	26.34 -0.09 -28.60
SENECA OSWGO___HYD 24041	1.78 0.01 -1.92	2.91 -0.04 -1.54	0.96 0.02 -1.74	2.32 -0.02 -1.55	5.19 -0.11 -1.36	7.73 -0.18 -1.27	5.04 -0.09 -1.66	9.60 -0.22 -1.53	9.63 -0.23 -1.69	24.35 -0.71 -0.06	6.44 -0.14 -1.93	3.44 -0.04 -2.02	1.57 0.01 -2.05	1.29 0.02 -1.81	-0.63 0.10 -2.83	-3.86 0.29 -6.63	0.77 0.11 -5.71	7.48 -0.16 -1.98	6.31 -0.13 -1.69	2.37 0.02 -3.19	10.25 -0.23 -2.62	32.58 -0.97 0.00	17.61 -0.58 -0.45	0.11 0.06 -2.22
SENECA___115KV_TB3 355854	3.34 0.00 -3.48	4.16 -0.04 -2.79	2.35 0.00 -3.15	3.58 -0.02 -2.81	6.30 -0.09 -2.46	7.04 -0.21 -0.61	6.38 -0.12 -3.03	10.71 -0.37 -2.79	10.89 -0.37 -3.09	24.10 -1.03 -0.12	7.99 -0.19 -3.52	5.09 -0.06 -3.68	3.27 0.02 -3.74	2.79 0.02 -3.30	1.68 0.18 -5.06	1.42 0.49 -11.71	5.43 0.08 -10.41	9.12 -0.24 -3.70	7.62 -0.27 -3.14	5.12 0.04 -5.91	13.89 -0.43 -6.46	43.16 -1.63 -11.24	20.16 -1.10 -3.52	2.01 0.07 -4.12
SENECA___ENERGY 23797	2.65 0.00 -2.80	3.62 -0.03 -2.24	1.74 0.01 -2.52	3.03 -0.02 -2.25	5.84 -0.07 -1.98	8.72 -0.11 -2.20	5.83 -0.04 -2.40	10.40 -0.11 -2.21	10.49 -0.12 -2.44	24.65 -0.44 -0.09	7.34 -0.10 -2.79	4.34 -0.03 -2.91	2.48 0.01 -2.96	2.09 0.01 -2.61	0.59 0.07 -4.07	-1.01 0.22 -9.55	3.48 0.05 -8.48	8.68 -0.05 -3.07	7.38 -0.05 -2.68	4.21 0.01 -5.04	11.92 -0.08 -4.14	33.15 -0.40 0.00	18.15 -0.30 -0.71	1.35 0.02 -3.52
SHOEMAKER___GT 23640	17.91 -0.01 -18.07	15.97 0.07 -14.50	15.49 -0.04 -16.33	15.40 0.04 -14.57	16.92 0.20 -12.79	18.92 0.36 -11.92	19.27 0.19 -15.60	23.12 0.46 -14.36	24.53 0.46 -15.90	26.95 1.39 -0.56	23.04 0.26 -18.14	20.50 0.08 -18.95	18.74 -0.03 -19.26	16.41 -0.03 -16.97	22.82 -0.23 -26.62	51.08 -0.68 -62.54	49.86 -0.31 -55.23	25.47 0.35 -19.45	21.53 0.30 -16.48	30.10 -0.05 -30.98	33.95 0.51 -25.58	35.63 2.08 0.00	23.22 1.11 -4.38	19.38 -0.14 -21.69
SHOEMAKR_138KV_BK 111 55601	17.75 -0.01 -17.91	15.84 0.07 -14.37	15.34 -0.04 -16.18	15.27 0.04 -14.44	16.81 0.20 -12.68	18.81 0.36 -11.82	19.13 0.19 -15.47	22.98 0.46 -14.24	24.39 0.46 -15.75	26.95 1.39 -0.56	22.88 0.26 -17.97	20.33 0.09 -18.78	18.56 -0.03 -19.09	16.25 -0.03 -16.82	22.59 -0.23 -26.38	50.51 -0.69 -61.98	49.36 -0.31 -54.73	25.29 0.35 -19.28	21.38 0.30 -16.33	29.82 -0.05 -30.71	33.73 0.50 -25.36	35.62 2.07 0.00	23.17 1.09 -4.34	19.19 -0.14 -21.51
SHOREHAM_IC_1 23715	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.56 0.68 -13.25	21.16 0.34 -17.34	25.03 0.77 -15.97	26.70 0.86 -17.67	28.19 2.56 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.73 -0.98 -69.50	55.83 -0.47 -61.36	27.77 0.51 -21.60	23.48 0.47 -18.25	33.44 -0.10 -34.38	36.88 0.89 -28.14	37.10 3.55 0.00	24.54 1.98 -4.82	21.43 -0.26 -23.86
SHOREHAM_IC_2 23716	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.56 0.68 -13.25	21.16 0.34 -17.34	25.03 0.77 -15.97	26.70 0.86 -17.67	28.19 2.56 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.73 -0.98 -69.50	55.83 -0.47 -61.36	27.77 0.51 -21.60	23.48 0.47 -18.25	33.44 -0.10 -34.38	36.88 0.89 -28.14	37.10 3.55 0.00	24.54 1.98 -4.82	21.43 -0.26 -23.86
SISSONVILLE___ 23735	3.67 0.01 -3.81	2.36 -0.05 -1.01	-0.77 0.03 0.00	0.76 -0.03 0.00	3.80 -0.13 0.00	6.41 -0.22 0.00	3.35 -0.12 0.00	7.99 -0.30 0.00	7.85 -0.32 0.00	24.00 -1.00 0.00	4.43 -0.22 0.00	1.40 -0.07 0.00	-3.08 0.03 2.62	-16.62 0.03 16.12	-17.59 0.18 14.21	-19.65 0.52 9.39	-12.61 0.25 7.80	5.43 -0.23 0.00	4.56 -0.19 0.00	-0.80 0.04 0.00	7.56 -0.30 0.00	32.61 -0.94 0.00	17.48 -0.26 0.00	-2.13 0.04 0.00

SITHE_IND_GS1 24169	1.51 0.01 -1.65	2.68 -0.05 -1.33	0.72 0.03 -1.49	2.09 -0.03 -1.33	4.96 -0.14 -1.17	7.48 -0.24 -1.09	4.78 -0.12 -1.42	9.30 -0.31 -1.31	9.32 -0.31 -1.45	24.11 -0.95 -0.05	6.13 -0.18 -1.66	3.14 -0.06 -1.73	1.29 0.02 -1.76	1.04 0.02 -1.55	-1.00 0.14 -2.42	-4.70 0.40 -5.68	-0.06 0.16 -4.84	7.08 -0.21 -1.63	5.95 -0.18 -1.38	1.80 0.03 -2.60	9.69 -0.31 -2.14	32.25 -1.30 0.00	17.36 -0.74 -0.37	-0.28 0.08 -1.82
SITHE_IND_GS2 24170	1.51 0.01 -1.65	2.68 -0.05 -1.33	0.72 0.03 -1.49	2.09 -0.03 -1.33	4.96 -0.14 -1.17	7.48 -0.24 -1.09	4.78 -0.12 -1.42	9.30 -0.31 -1.31	9.32 -0.31 -1.45	24.11 -0.95 -0.05	6.13 -0.18 -1.66	3.14 -0.06 -1.73	1.29 0.02 -1.76	1.04 0.02 -1.55	-1.00 0.14 -2.42	-4.70 0.40 -5.68	-0.06 0.16 -4.84	7.08 -0.21 -1.63	5.95 -0.18 -1.38	1.80 0.03 -2.60	9.69 -0.31 -2.14	32.25 -1.30 0.00	17.36 -0.74 -0.37	-0.28 0.08 -1.82
SITHE_IND_GS3 24171	1.51 0.01 -1.65	2.68 -0.05 -1.33	0.72 0.03 -1.49	2.09 -0.03 -1.33	4.96 -0.14 -1.17	7.48 -0.24 -1.09	4.78 -0.12 -1.42	9.30 -0.31 -1.31	9.32 -0.31 -1.45	24.11 -0.95 -0.05	6.13 -0.18 -1.66	3.14 -0.06 -1.73	1.29 0.02 -1.76	1.04 0.02 -1.55	-1.00 0.14 -2.42	-4.70 0.40 -5.68	-0.06 0.16 -4.84	7.08 -0.21 -1.63	5.95 -0.18 -1.38	1.80 0.03 -2.60	9.69 -0.31 -2.14	32.25 -1.30 0.00	17.36 -0.74 -0.37	-0.28 0.08 -1.82
SITHE_IND_GS4 24172	1.51 0.01 -1.65	2.68 -0.05 -1.33	0.72 0.03 -1.49	2.09 -0.03 -1.33	4.96 -0.14 -1.17	7.48 -0.24 -1.09	4.78 -0.12 -1.42	9.30 -0.31 -1.31	9.32 -0.31 -1.45	24.11 -0.95 -0.05	6.13 -0.18 -1.66	3.14 -0.06 -1.73	1.29 0.02 -1.76	1.04 0.02 -1.55	-1.00 0.14 -2.42	-4.70 0.40 -5.68	-0.06 0.16 -4.84	7.08 -0.21 -1.63	5.95 -0.18 -1.38	1.80 0.03 -2.60	9.69 -0.31 -2.14	32.25 -1.30 0.00	17.36 -0.74 -0.37	-0.28 0.08 -1.82
SITHE___BATAVIA 24024	2.51 0.00 -2.66	3.54 0.01 -2.13	1.60 -0.01 -2.40	2.94 0.00 -2.14	5.82 0.01 -1.88	8.39 0.00 -1.75	5.77 0.01 -2.28	10.35 -0.05 -2.10	10.39 -0.11 -2.33	24.67 -0.43 -0.08	7.23 -0.08 -2.66	4.22 -0.02 -2.77	2.34 0.01 -2.82	1.97 0.01 -2.49	1.33 0.07 -4.82	-1.38 0.13 -9.27	3.22 -0.05 -8.32	8.44 -0.04 -2.82	7.11 -0.05 -2.41	3.70 0.00 -4.53	11.49 -0.10 -3.72	33.22 -0.32 0.00	17.95 -0.42 -0.64	0.99 0.01 -3.16
SITHE___INDEPEND 23800	1.51 0.01 -1.65	2.68 -0.05 -1.33	0.72 0.03 -1.49	2.09 -0.03 -1.33	4.96 -0.14 -1.17	7.48 -0.24 -1.09	4.78 -0.12 -1.42	9.30 -0.31 -1.31	9.31 -0.31 -1.45	24.11 -0.95 -0.05	6.13 -0.18 -1.66	3.14 -0.06 -1.73	1.29 0.02 -1.76	1.04 0.02 -1.55	-1.00 0.14 -2.42	-4.70 0.40 -5.68	-0.06 0.16 -4.84	7.08 -0.21 -1.63	5.95 -0.18 -1.38	1.80 0.03 -2.60	9.70 -0.31 -2.14	32.24 -1.31 0.00	17.37 -0.73 -0.37	-0.28 0.08 -1.82
SITHE___MASSENA 23902	1.28 0.00 -1.43	1.76 -0.02 -0.38	-0.79 0.01 0.00	0.78 -0.01 0.00	3.88 -0.05 0.00	6.54 -0.09 0.00	3.42 -0.05 0.00	8.17 -0.12 0.00	8.04 -0.13 0.00	24.60 -0.41 0.00	4.57 -0.08 0.00	1.44 -0.03 0.00	-3.64 0.01 3.16	-20.01 0.02 19.50	-20.67 0.08 17.19	-21.90 0.24 11.36	-14.37 0.12 9.43	5.55 -0.11 0.00	4.66 -0.09 0.00	-0.81 0.02 0.00	7.70 -0.15 0.00	33.00 -0.55 0.00	17.53 -0.21 0.00	-2.15 0.03 0.00
SITHE___OGDNSBRG 24021	2.74 0.00 -2.89	2.15 -0.02 -0.76	-0.79 0.01 0.00	0.78 -0.01 0.00	3.89 -0.03 0.00	6.58 -0.06 0.00	3.44 -0.03 0.00	8.21 -0.08 0.00	8.06 -0.11 0.00	24.63 -0.38 0.00	4.55 -0.10 0.00	1.44 -0.03 0.00	-3.30 0.01 2.83	-17.95 0.02 17.43	-18.85 0.07 15.37	-20.74 0.21 10.16	-13.38 0.11 8.43	5.59 -0.08 0.00	4.69 -0.06 0.00	-0.82 0.02 0.00	7.76 -0.11 0.00	33.29 -0.26 0.00	17.72 -0.02 0.00	-2.17 0.01 0.00
SITHE___STERLING 23777	1.18 0.00 -1.33	2.48 0.01 -1.07	0.40 -0.01 -1.20	1.87 0.00 -1.07	4.91 0.04 -0.94	7.59 0.08 -0.88	4.68 0.05 -1.15	9.45 0.10 -1.06	9.41 0.06 -1.17	25.19 0.14 -0.04	6.01 0.02 -1.34	2.87 0.01 -1.39	0.93 0.00 -1.42	0.72 0.00 -1.25	-1.62 -0.01 -1.96	-6.27 -0.08 -4.59	-1.00 -0.05 -4.10	7.20 0.07 -1.47	6.10 0.10 -1.26	1.51 -0.02 -2.36	9.95 0.14 -1.94	34.14 0.59 0.00	18.34 0.27 -0.33	-0.56 -0.04 -1.65
SLEIGHT__34_KV_TB1 80719	2.49 0.00 -2.64	3.51 -0.01 -2.12	1.59 0.00 -2.38	2.91 0.00 -2.13	5.79 -0.01 -1.87	8.36 -0.02 -1.74	5.75 0.01 -2.27	10.39 0.00 -2.09	10.47 -0.02 -2.31	25.00 -0.09 -0.08	7.27 -0.02 -2.64	4.22 -0.01 -2.76	2.31 0.00 -2.81	1.95 0.00 -2.47	0.30 0.01 -3.86	-1.77 -0.01 -9.02	2.89 -0.06 -8.01	8.65 0.09 -2.90	7.31 0.05 -2.51	3.89 -0.01 -4.73	11.82 0.07 -3.90	33.79 0.24 0.00	18.41 0.00 -0.67	1.11 -0.02 -3.30
SOUTH CAIRO___GT 23612	22.59 -0.01 -22.74	19.74 0.09 -18.24	19.70 -0.05 -20.55	19.18 0.05 -18.34	20.29 0.27 -16.10	22.08 0.44 -15.01	23.33 0.23 -19.63	26.93 0.57 -18.07	28.68 0.51 -20.00	27.09 1.37 -0.71	27.70 0.23 -22.81	25.38 0.07 -23.84	23.71 -0.02 -24.23	20.79 -0.02 -21.34	29.74 -0.18 -33.48	67.28 -0.59 -78.66	64.11 0.36 -69.44	30.47 0.36 -24.45	25.75 0.30 -20.69	38.06 -0.06 -38.95	40.47 0.59 -32.02	36.03 2.48 0.00	24.47 1.25 -5.48	24.83 -0.14 -27.15
SOUTH HAMPTN___IC 23720	19.92 -0.01 -20.08	17.65 0.14 -16.11	17.27 -0.07 -18.14	17.06 0.08 -16.20	18.58 0.44 -14.22	20.68 0.79 -13.25	21.22 0.40 -17.34	25.19 0.93 -15.97	26.86 1.02 -17.67	28.67 3.04 -0.62	25.40 0.60 -20.16	23.07 0.19 -21.41	24.83 -0.07 -25.38	23.50 -0.08 -24.11	26.03 -0.47 -30.06	57.50 -1.21 -69.50	55.73 -0.58 -61.36	27.88 0.62 -21.60	23.58 0.57 -18.25	33.43 -0.12 -34.38	37.06 1.06 -28.14	37.78 4.23 0.00	24.87 2.31 -4.82	21.39 -0.30 -23.86
SOUTHDOW__115KV_TB1 355954	3.57 0.00 -3.72	4.38 -0.01 -2.99	2.55 -0.02 -3.36	3.79 0.00 -3.00	6.56 -0.01 -2.64	8.10 -0.03 -1.50	6.67 -0.02 -3.22	11.12 -0.13 -2.96	11.39 -0.06 -3.28	25.23 0.10 -0.12	8.38 -0.02 -3.74	5.35 -0.02 -3.91	3.49 0.01 -3.97	2.97 0.00 -3.50	1.87 0.07 -5.36	1.78 0.19 -12.37	5.90 -0.05 -11.00	9.49 -0.08 -3.91	7.92 -0.15 -3.32	5.43 0.02 -6.25	14.17 -0.20 -6.52	42.96 -0.24 -9.65	20.49 -0.44 -3.19	2.18 -0.01 -4.36
SOUTHOLD_69_KV_BK 2 55809	19.92 -0.02 -20.08	17.67 0.16 -16.11	17.26 -0.08 -18.14	17.07 0.09 -16.20	18.64 0.49 -14.22	20.77 0.88 -13.25	21.27 0.46 -17.34	25.32 1.06 -15.97	26.99 1.15 -17.67	29.04 3.40 -0.62	25.47 0.66 -20.16	23.09 0.21 -21.41	24.82 -0.08 -25.38	23.49 -0.09 -24.11	25.97 -0.53 -30.06	57.35 -1.37 -69.50	55.65 -0.66 -61.36	27.95 0.69 -21.60	23.65 0.64 -18.25	33.41 -0.13 -34.38	37.19 1.19 -28.14	38.34 4.79 0.00	25.13 2.58 -4.82	21.36 -0.33 -23.86
SOUTHOLD___IC 23719	19.92 -0.02 -20.08	17.67 0.16 -16.11	17.26 -0.09 -18.14	17.07 0.09 -16.20	18.64 0.49 -14.22	20.77 0.88 -13.25	21.26 0.45 -17.34	25.32 1.06 -15.97	26.98 1.15 -17.67	29.03 3.40 -0.62	25.47 0.66 -20.16	23.09 0.21 -21.41	24.82 -0.08 -25.38	23.49 -0.09 -24.11	25.97 -0.53 -30.06	57.35 -1.37 -69.50	55.65 -0.65 -61.36	27.97 0.71 -21.60	23.65 0.64 -18.25	33.41 -0.13 -34.38	37.19 1.19 -28.14	38.32 4.77 0.00	25.13 2.58 -4.82	21.36 -0.33 -23.86

SPIERFLS_115KV_TB 1 80737	24.90 0.00 -25.06	21.53 0.03 -20.10	21.82 -0.02 -22.64	21.01 0.02 -20.21	21.76 0.09 -17.74	23.34 0.17 -16.54	25.24 0.10 -21.67	28.52 0.27 -19.95	30.49 0.24 -22.08	26.43 0.64 -0.78	29.96 0.13 -25.19	27.82 0.04 -26.32	26.25 -0.01 -26.75	23.03 -0.02 -23.57	33.31 -0.09 -36.96	75.76 -0.29 -86.84	71.42 -0.16 -76.63	32.79 0.19 -26.94	27.70 0.16 -22.79	42.04 -0.02 -42.89	43.43 0.32 -35.25	34.78 1.23 0.00	24.34 0.57 -6.03	27.65 -0.07 -29.90
ST LAWRENCE____ 23600	-0.14 0.01 0.00	1.37 -0.03 0.00	-0.78 0.02 0.00	0.77 -0.02 0.00	3.85 -0.08 0.00	6.49 -0.15 0.00	3.40 -0.08 0.00	8.12 -0.17 0.00	7.99 -0.18 0.00	24.45 -0.55 0.00	4.54 -0.11 0.00	1.43 -0.04 0.00	-3.80 0.01 3.33	-21.03 0.02 20.52	-21.56 0.09 18.09	-22.44 0.29 11.96	-14.83 0.15 9.92	5.52 -0.14 0.00	4.63 -0.12 0.00	-0.81 0.02 0.00	7.65 -0.21 0.00	32.72 -0.83 0.00	17.34 -0.40 0.00	-2.12 0.05 0.00
STATE_CA_115KV_115_LB 55624	24.15 0.00 -24.31	20.96 0.07 -19.50	21.13 -0.03 -21.96	20.42 0.04 -19.60	21.31 0.18 -17.20	22.97 0.30 -16.04	24.62 0.16 -20.99	28.00 0.37 -19.34	29.93 0.37 -21.40	26.85 1.09 -0.76	29.26 0.21 -24.41	27.04 0.07 -25.51	25.41 -0.02 -25.92	22.29 -0.02 -22.84	32.09 -0.17 -35.82	72.87 -0.50 -84.15	69.00 -0.23 -74.28	32.06 0.26 -26.14	27.08 0.21 -22.11	40.75 -0.04 -41.62	42.44 0.37 -34.21	35.12 1.57 0.00	24.41 0.82 -5.86	26.73 -0.10 -29.01
STATE_ST_34_KV_LOAD 55959	2.62 0.00 -2.77	3.61 -0.01 -2.22	1.71 0.00 -2.50	3.01 0.00 -2.23	5.87 -0.02 -1.96	8.64 -0.02 -2.03	5.85 0.00 -2.38	10.52 0.04 -2.19	10.61 0.02 -2.42	25.11 0.02 -0.09	7.41 -0.01 -2.77	4.35 0.00 -2.89	2.45 0.00 -2.94	2.06 0.00 -2.59	0.49 0.00 -4.05	-1.30 -0.02 -9.50	3.34 -0.05 -8.44	8.82 0.08 -3.07	7.50 0.07 -2.68	4.20 -0.01 -5.05	12.14 0.12 -4.15	34.01 0.46 0.00	18.60 0.15 -0.71	1.31 -0.03 -3.52
STATION 5_MISC_HYD 23604	2.50 0.00 -2.65	3.49 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.02 -2.14	5.71 -0.09 -1.87	8.21 -0.17 -1.75	5.66 -0.09 -2.28	10.13 -0.26 -2.10	10.23 -0.26 -2.32	24.27 -0.81 -0.08	7.16 -0.14 -2.64	4.19 -0.04 -2.76	2.34 0.01 -2.81	1.97 0.02 -2.48	1.36 0.12 -4.80	-1.23 0.31 -9.24	3.28 0.05 -8.29	8.32 -0.15 -2.81	6.98 -0.16 -2.39	3.70 0.03 -4.50	11.27 -0.29 -3.71	32.43 -1.11 0.00	17.60 -0.78 -0.63	1.02 0.05 -3.14
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	2.51 0.00 -2.66	3.51 -0.03 -2.13	1.61 0.01 -2.40	2.92 -0.01 -2.14	5.75 -0.06 -1.88	8.28 -0.11 -1.75	5.71 -0.04 -2.28	10.25 -0.14 -2.10	10.34 -0.15 -2.33	24.59 -0.50 -0.08	7.21 -0.09 -2.65	4.21 -0.03 -2.77	2.34 0.01 -2.82	1.97 0.01 -2.48	0.37 0.08 -3.86	-1.58 0.20 -9.00	2.94 0.01 -7.98	8.45 -0.06 -2.85	7.12 -0.08 -2.45	3.79 0.01 -4.61	11.51 -0.15 -3.79	32.94 -0.60 0.00	17.94 -0.45 -0.65	1.07 0.02 -3.22
STA_56_34_KV_BUS2_REV_LBMP_B 345033	2.48 0.00 -2.63	3.47 -0.04 -2.11	1.59 0.01 -2.38	2.89 -0.02 -2.12	5.68 -0.11 -1.86	8.16 -0.20 -1.73	5.63 -0.10 -2.26	10.09 -0.29 -2.08	10.18 -0.29 -2.30	24.19 -0.90 -0.08	7.12 -0.16 -2.63	4.16 -0.05 -2.74	2.32 0.02 -2.79	1.95 0.02 -2.46	0.38 0.13 -3.81	-1.56 0.36 -8.87	2.87 0.07 -7.86	8.28 -0.17 -2.79	6.95 -0.18 -2.38	3.67 0.03 -4.48	11.23 -0.32 -3.69	32.29 -1.26 0.00	17.55 -0.81 -0.63	1.01 0.06 -3.13
STA_56____34_KV_BUS2 355983	2.48 0.00 -2.63	3.47 -0.04 -2.11	1.59 0.01 -2.38	2.89 -0.02 -2.12	5.68 -0.11 -1.86	8.16 -0.20 -1.73	5.63 -0.10 -2.26	10.09 -0.29 -2.08	10.18 -0.29 -2.30	24.19 -0.90 -0.08	7.12 -0.16 -2.63	4.16 -0.05 -2.74	2.32 0.02 -2.79	1.95 0.02 -2.46	0.38 0.13 -3.81	-1.56 0.36 -8.87	2.87 0.07 -7.86	8.28 -0.17 -2.79	6.95 -0.18 -2.38	3.67 0.03 -4.48	11.23 -0.32 -3.69	32.29 -1.26 0.00	17.55 -0.81 -0.63	1.01 0.06 -3.13
STA_67____115KV_BK2 355882	2.50 0.00 -2.65	3.49 -0.04 -2.12	1.60 0.01 -2.39	2.91 -0.02 -2.13	5.71 -0.10 -1.87	8.19 -0.19 -1.74	5.65 -0.09 -2.27	10.11 -0.27 -2.09	10.21 -0.28 -2.32	24.21 -0.87 -0.08	7.14 -0.15 -2.64	4.18 -0.05 -2.76	2.33 0.02 -2.81	1.97 0.02 -2.48	0.40 0.13 -3.83	-1.52 0.35 -8.92	2.91 0.06 -7.90	8.30 -0.16 -2.81	6.96 -0.18 -2.39	3.70 0.03 -4.50	11.25 -0.31 -3.70	32.34 -1.21 0.00	17.58 -0.79 -0.63	1.02 0.05 -3.14
STA_7____115KV_9TRANS 80674	2.50 0.00 -2.65	3.50 -0.03 -2.13	1.60 0.01 -2.39	2.91 -0.01 -2.14	5.73 -0.08 -1.87	8.23 -0.15 -1.75	5.68 -0.07 -2.28	10.17 -0.22 -2.10	10.26 -0.23 -2.32	24.39 -0.70 -0.08	7.18 -0.12 -2.64	4.19 -0.04 -2.76	2.33 0.01 -2.81	1.96 0.02 -2.48	0.37 0.10 -3.83	-1.60 0.26 -8.92	2.87 0.02 -7.91	8.35 -0.12 -2.81	7.00 -0.14 -2.39	3.69 0.02 -4.50	11.32 -0.25 -3.71	32.59 -0.95 0.00	17.71 -0.66 -0.63	1.01 0.04 -3.14
STA_82____115KV_TB1 80780	2.51 0.00 -2.66	3.50 -0.04 -2.13	1.61 0.01 -2.40	2.92 -0.02 -2.14	5.71 -0.10 -1.88	8.20 -0.18 -1.75	5.67 -0.09 -2.28	10.12 -0.27 -2.10	10.22 -0.28 -2.33	24.24 -0.85 -0.08	7.15 -0.15 -2.65	4.19 -0.04 -2.77	2.34 0.01 -2.82	1.98 0.02 -2.49	0.41 0.13 -3.84	-1.49 0.34 -8.95	2.93 0.05 -7.93	8.32 -0.17 -2.82	6.98 -0.18 -2.40	3.71 0.03 -4.52	11.28 -0.30 -3.72	32.35 -1.19 0.00	17.59 -0.78 -0.64	1.03 0.05 -3.16
STEEL____WIND 323596	3.34 0.00 -3.48	4.16 -0.04 -2.79	2.35 0.00 -3.15	3.58 -0.02 -2.81	6.30 -0.10 -2.46	7.03 -0.22 -0.61	6.38 -0.12 -3.03	10.70 -0.38 -2.79	10.88 -0.38 -3.09	24.03 -1.10 -0.12	7.98 -0.19 -3.52	5.08 -0.06 -3.68	3.27 0.02 -3.74	2.79 0.02 -3.30	3.60 0.18 -6.97	2.05 0.51 -12.33	6.20 0.09 -11.16	9.09 -0.27 -3.70	7.61 -0.28 -3.14	5.12 0.04 -5.91	13.88 -0.44 -6.46	43.17 -1.63 -11.24	20.11 -1.15 -3.52	2.02 0.07 -4.12
STEPHTWN_115KV_BK_2 55603	23.90 -0.01 -24.06	20.77 0.07 -19.30	20.90 -0.04 -21.74	20.23 0.04 -19.40	21.16 0.19 -17.03	22.85 0.34 -15.88	24.42 0.18 -20.77	27.83 0.40 -19.13	29.76 0.41 -21.17	26.97 1.21 -0.75	29.02 0.21 -24.15	26.77 0.07 -25.24	25.14 -0.02 -25.65	22.05 -0.03 -22.60	31.70 -0.19 -35.45	71.95 -0.54 -83.27	68.21 -0.24 -73.51	31.85 0.31 -25.88	26.88 0.23 -21.89	40.34 -0.04 -41.21	42.16 0.43 -33.86	35.23 1.68 0.00	24.41 0.87 -5.80	26.43 -0.11 -28.72
STEBEN_REC_LFGE 323667	4.25 0.01 -4.40	4.87 -0.06 -3.53	3.20 0.02 -3.98	4.31 -0.03 -3.55	6.90 -0.15 -3.11	12.65 -0.24 -6.26	7.13 -0.02 -3.68	11.66 -0.02 -3.38	11.93 0.01 -3.74	25.12 -0.02 -0.13	8.85 -0.07 -4.27	5.90 -0.03 -4.47	4.06 0.02 -4.54	3.49 0.02 -4.00	2.82 0.13 -6.25	4.28 0.40 -14.66	8.10 0.09 -13.07	10.17 -0.16 -4.66	8.60 -0.11 -3.96	6.62 0.01 -7.45	14.05 -0.19 -6.39	34.73 -0.66 -1.84	18.95 -0.28 -1.49	2.98 -0.04 -5.20
STONY____BROOK 24151	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.35 -14.22	20.54 0.65 -13.25	21.14 0.33 -17.34	25.00 0.74 -15.97	26.68 0.84 -17.67	28.17 2.54 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.73 -0.99 -69.50	55.85 -0.46 -61.36	27.74 0.48 -21.60	23.45 0.45 -18.25	33.45 -0.09 -34.38	36.85 0.86 -28.14	36.97 3.42 0.00	24.47 1.91 -4.82	21.43 -0.26 -23.86

STURGEON_POOL_HYD 23609	19.71 -0.01 -19.87	17.43 0.09 -15.94	17.10 -0.05 -17.95	16.86 0.05 -16.02	18.25 0.25 -14.06	20.20 0.46 -13.11	20.87 0.24 -17.15	24.64 0.56 -15.79	26.25 0.60 -17.47	27.49 1.87 -0.62	24.94 0.35 -19.93	22.41 0.12 -20.83	20.64 -0.04 -21.17	18.07 -0.05 -18.65	25.37 -0.33 -29.26	57.00 -0.96 -68.74	55.21 -0.43 -60.70	27.52 0.49 -21.37	23.26 0.42 -18.09	33.13 -0.07 -34.04	36.56 0.68 -28.01	36.31 2.76 0.00	23.98 1.45 -4.79	21.40 -0.18 -23.76
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.45 -0.01 -18.61	16.42 0.09 -14.93	15.97 -0.05 -16.81	15.85 0.05 -15.01	17.34 0.24 -13.17	19.34 0.43 -12.28	19.77 0.23 -16.07	23.62 0.53 -14.79	25.09 0.55 -16.37	27.24 1.65 -0.58	23.64 0.31 -18.68	21.08 0.10 -19.52	19.31 -0.04 -19.83	16.90 -0.04 -17.48	23.56 -0.28 -27.41	52.78 -0.84 -64.40	51.43 -0.39 -56.87	26.12 0.43 -20.03	22.08 0.37 -16.96	31.01 -0.06 -31.90	34.73 0.57 -26.30	35.86 2.31 0.00	23.46 1.22 -4.50	19.98 -0.16 -22.31
SWANROAD_115KV_TB1 355699	3.08 0.00 -3.23	3.91 -0.08 -2.59	2.14 0.02 -2.92	3.35 -0.04 -2.60	6.00 -0.21 -2.28	7.10 -0.40 -0.86	6.02 -0.25 -2.80	10.16 -0.72 -2.58	10.33 -0.70 -2.85	22.99 -2.12 -0.10	7.54 -0.36 -3.25	4.76 -0.11 -3.40	3.01 0.04 -3.46	2.56 0.04 -3.05	1.44 0.32 -4.69	0.99 0.91 -10.85	4.89 0.30 -9.64	8.63 -0.46 -3.43	7.20 -0.46 -2.91	4.72 0.08 -5.48	11.70 -0.78 -4.63	31.24 -3.15 -0.84	16.85 -1.86 -0.97	1.79 0.14 -3.82
SYNERGY___BIOGAS 323694	2.51 0.00 -2.66	3.54 0.01 -2.13	1.60 -0.01 -2.40	2.94 0.00 -2.14	5.82 0.01 -1.88	8.39 0.00 -1.75	5.77 0.01 -2.28	10.35 -0.05 -2.10	10.39 -0.11 -2.33	24.67 -0.43 -0.08	7.23 -0.08 -2.66	4.22 -0.02 -2.77	2.34 0.01 -2.82	1.97 0.01 -2.49	1.33 0.07 -4.82	-1.38 0.13 -9.27	3.22 -0.05 -8.32	8.44 -0.04 -2.82	7.11 -0.05 -2.41	3.70 0.00 -4.53	11.49 -0.10 -3.72	33.22 -0.32 0.00	17.95 -0.42 -0.64	0.99 0.01 -3.16
SYRACUSE___ENERGY_ST1 323597	2.16 0.00 -2.31	3.23 -0.02 -1.85	1.30 0.01 -2.08	2.64 -0.01 -1.86	5.51 -0.05 -1.63	8.07 -0.08 -1.52	5.42 -0.04 -1.99	10.02 -0.10 -1.83	10.08 -0.11 -2.02	24.72 -0.36 -0.07	6.89 -0.07 -2.31	3.85 -0.02 -2.41	1.97 0.01 -2.45	1.64 0.01 -2.16	-0.14 0.05 -3.38	-2.72 0.13 -7.93	2.00 0.03 -7.02	8.20 -0.02 -2.55	6.97 -0.02 -2.24	3.38 0.00 -4.21	11.28 -0.04 -3.46	33.35 -0.20 0.00	18.15 -0.18 -0.59	0.77 0.01 -2.94
SYRACUSE___ENERGY_ST2 323598	2.16 0.00 -2.31	3.23 -0.02 -1.85	1.30 0.01 -2.08	2.64 -0.01 -1.86	5.51 -0.05 -1.63	8.07 -0.08 -1.52	5.42 -0.04 -1.99	10.02 -0.10 -1.83	10.08 -0.11 -2.02	24.72 -0.36 -0.07	6.89 -0.07 -2.31	3.85 -0.02 -2.41	1.97 0.01 -2.45	1.64 0.01 -2.16	-0.14 0.05 -3.38	-2.72 0.13 -7.93	2.00 0.03 -7.02	8.20 -0.02 -2.55	6.97 -0.02 -2.24	3.38 0.00 -4.21	11.28 -0.04 -3.46	33.35 -0.20 0.00	18.15 -0.18 -0.59	0.77 0.01 -2.94
SYRACUSE___POWER 24017	2.22 0.00 -2.37	3.28 -0.02 -1.90	1.35 0.01 -2.14	2.69 -0.01 -1.91	5.56 -0.05 -1.68	8.12 -0.08 -1.56	5.48 -0.03 -2.04	10.08 -0.09 -1.88	10.15 -0.10 -2.08	24.76 -0.32 -0.07	6.96 -0.06 -2.37	3.93 -0.02 -2.48	2.04 0.01 -2.52	1.70 0.01 -2.22	-0.04 0.04 -3.48	-2.50 0.12 -8.17	2.27 0.02 -7.30	8.28 -0.02 -2.64	6.99 -0.02 -2.26	3.43 0.00 -4.26	11.32 -0.04 -3.51	33.32 -0.23 0.00	18.15 -0.19 -0.60	0.81 0.01 -2.97
TALLMAN_138KV_BK151 55660	19.24 -0.01 -19.40	17.06 0.09 -15.56	16.68 -0.05 -17.53	16.49 0.05 -15.65	17.92 0.25 -13.73	19.89 0.45 -12.80	20.46 0.24 -16.75	24.28 0.56 -15.42	25.84 0.60 -17.07	27.43 1.82 -0.60	24.46 0.35 -19.47	21.92 0.11 -20.34	20.14 -0.04 -20.67	17.64 -0.05 -18.22	24.69 -0.32 -28.57	55.42 -0.93 -67.14	53.80 -0.43 -59.28	26.99 0.47 -20.86	22.77 0.40 -17.62	32.29 -0.07 -33.20	35.61 0.63 -27.12	36.10 2.55 0.00	23.73 1.35 -4.64	20.65 -0.17 -23.00
TEALLAVE_115KV_TB7 355573	1.89 0.00 -2.03	3.01 -0.03 -1.63	1.05 0.01 -1.84	2.42 -0.02 -1.64	5.30 -0.07 -1.44	7.87 -0.11 -1.34	5.18 -0.05 -1.76	9.77 -0.14 -1.62	9.81 -0.15 -1.79	24.61 -0.46 -0.06	6.61 -0.09 -2.04	3.57 -0.03 -2.13	1.69 0.01 -2.17	1.39 0.01 -1.91	-0.51 0.07 -2.99	-3.59 0.18 -7.01	1.26 0.05 -6.26	7.85 -0.06 -2.25	6.62 -0.06 -1.93	2.81 0.01 -3.63	10.74 -0.11 -2.99	33.07 -0.48 0.00	17.92 -0.32 -0.51	0.39 0.03 -2.54
TELGRAPH_34_KV_EAST 80808	2.98 0.00 -3.13	3.86 -0.05 -2.51	2.03 0.01 -2.82	3.28 -0.03 -2.52	6.02 -0.13 -2.21	7.32 -0.26 -0.95	6.02 -0.16 -2.71	10.30 -0.48 -2.49	10.46 -0.48 -2.76	23.67 -1.44 -0.10	7.55 -0.25 -3.15	4.68 -0.07 -3.29	2.88 0.02 -3.34	2.44 0.02 -2.95	1.20 0.22 -4.54	0.35 0.61 -10.52	4.44 0.15 -9.34	8.68 -0.30 -3.32	7.25 -0.32 -2.82	4.53 0.05 -5.31	11.68 -0.55 -4.37	31.40 -2.15 0.00	17.14 -1.35 -0.75	1.62 0.09 -3.71
TEMPLE___115KV_TB 2 55572	1.91 0.00 -2.06	3.03 -0.03 -1.65	1.08 0.01 -1.86	2.44 -0.02 -1.66	5.32 -0.07 -1.46	7.88 -0.11 -1.36	5.20 -0.05 -1.78	9.79 -0.13 -1.64	9.84 -0.14 -1.81	24.63 -0.44 -0.06	6.63 -0.08 -2.07	3.60 -0.03 -2.16	1.71 0.01 -2.20	1.42 0.01 -1.93	-0.47 0.06 -3.03	-3.52 0.16 -7.10	1.34 0.05 -6.35	7.89 -0.06 -2.29	6.65 -0.06 -1.96	2.86 0.01 -3.68	10.79 -0.10 -3.03	33.10 -0.45 0.00	17.95 -0.31 -0.52	0.42 0.03 -2.57
TIANA___69_KV_BK 1 55817	19.92 -0.01 -20.08	17.64 0.13 -16.11	17.28 -0.07 -18.14	17.06 0.07 -16.20	18.57 0.42 -14.22	20.65 0.76 -13.25	21.21 0.39 -17.34	25.15 0.89 -15.97	26.82 0.98 -17.67	28.55 2.92 -0.62	25.38 0.57 -20.16	23.06 0.18 -21.41	24.83 -0.07 -25.38	23.50 -0.08 -24.11	26.05 -0.45 -30.06	57.57 -1.15 -69.50	55.76 -0.55 -61.36	27.84 0.58 -21.60	23.55 0.55 -18.25	33.43 -0.11 -34.38	37.01 1.01 -28.14	37.61 4.06 0.00	24.79 2.23 -4.82	21.40 -0.29 -23.86
TILDEN___115KV_TB1 80814	2.22 0.00 -2.37	3.28 -0.02 -1.90	1.35 0.01 -2.14	2.69 -0.01 -1.91	5.56 -0.05 -1.68	8.12 -0.08 -1.56	5.48 -0.03 -2.04	10.08 -0.09 -1.88	10.15 -0.10 -2.08	24.76 -0.32 -0.07	6.96 -0.06 -2.37	3.93 -0.02 -2.48	2.04 0.01 -2.52	1.70 0.01 -2.22	-0.04 0.04 -3.48	-2.50 0.12 -8.17	2.27 0.02 -7.30	8.28 -0.02 -2.64	6.99 -0.02 -2.26	3.43 0.00 -4.26	11.32 -0.04 -3.51	33.32 -0.23 0.00	18.15 -0.19 -0.60	0.81 0.01 -2.97
TRIGEN___CC 323695	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.20	18.45 0.30 -14.22	20.43 0.54 -13.25	21.09 0.28 -17.34	24.87 0.62 -15.97	26.55 0.71 -17.67	27.80 2.17 -0.62	25.24 0.43 -20.16	23.02 0.14 -21.41	24.85 -0.05 -25.38	23.52 -0.06 -24.11	26.15 -0.36 -30.06	57.53 -0.89 -69.21	55.12 -0.41 -60.58	27.35 0.43 -21.25	23.13 0.39 -17.98	33.04 -0.08 -33.95	36.70 0.70 -28.14	36.39 2.84 0.00	24.13 1.58 -4.82	21.47 -0.21 -23.86
TRINITY___115KV__ 4 BK 55933	23.94 -0.01 -24.10	20.79 0.06 -19.33	20.94 -0.03 -21.77	20.26 0.03 -19.43	21.16 0.17 -17.06	22.81 0.28 -15.90	24.42 0.14 -20.80	27.80 0.34 -19.17	29.72 0.33 -21.21	26.75 1.00 -0.75	29.03 0.19 -24.19	26.81 0.06 -25.28	25.18 -0.02 -25.69	22.09 -0.02 -22.64	31.79 -0.15 -35.51	72.17 -0.45 -83.41	68.37 -0.20 -73.63	31.82 0.23 -25.92	26.87 0.19 -21.93	40.41 -0.03 -41.27	42.12 0.34 -33.92	34.98 1.44 0.00	24.30 0.76 -5.81	26.49 -0.09 -28.77

UNION___PROCESSING_DRP 323587	2.51 0.00 -2.66	3.50 -0.03 -2.13	1.62 0.01 -2.40	2.92 -0.02 -2.14	5.71 -0.10 -1.88	8.20 -0.18 -1.75	5.67 -0.09 -2.28	10.13 -0.27 -2.10	10.22 -0.28 -2.33	24.24 -0.85 -0.08	7.16 -0.15 -2.66	4.20 -0.04 -2.77	2.35 0.01 -2.82	1.98 0.02 -2.49	0.41 0.13 -3.85	-1.49 0.34 -8.96	2.93 0.05 -7.94	8.33 -0.16 -2.82	6.98 -0.17 -2.41	3.72 0.03 -4.53	11.28 -0.30 -3.72	32.37 -1.18 0.00	17.60 -0.78 -0.64	1.03 0.05 -3.16
UPPER HUDSON___HYD 24058	24.90 0.00 -25.06	21.53 0.03 -20.10	21.82 -0.02 -22.64	21.01 0.02 -20.21	21.76 0.09 -17.74	23.34 0.17 -16.54	25.24 0.10 -21.67	28.52 0.27 -19.95	30.49 0.24 -22.08	26.43 0.64 -0.78	29.96 0.13 -25.19	27.82 0.04 -26.32	26.25 -0.01 -26.75	23.03 -0.02 -23.57	33.31 -0.09 -36.96	75.76 -0.29 -86.84	71.42 -0.15 -76.63	32.80 0.20 -26.94	27.70 0.16 -22.79	42.04 -0.02 -42.89	43.43 0.32 -35.25	34.77 1.22 0.00	24.34 0.57 -6.03	27.65 -0.07 -29.90
UPPER RAQUET___HYD 24056	3.67 0.01 -3.81	2.36 -0.05 -1.01	-0.77 0.03 0.00	0.76 -0.03 0.00	3.80 -0.13 0.00	6.41 -0.22 0.00	3.35 -0.12 0.00	7.99 -0.30 0.00	7.85 -0.32 0.00	24.00 -1.01 0.00	4.43 -0.22 0.00	1.40 -0.07 0.00	-3.08 0.03 2.62	-16.62 0.03 16.12	-17.59 0.18 14.21	-19.65 0.52 9.39	-12.61 0.24 7.80	5.43 -0.23 0.00	4.56 -0.19 0.00	-0.80 0.04 0.00	7.56 -0.30 0.00	32.61 -0.95 0.00	17.48 -0.26 0.00	-2.13 0.04 0.00
VALLEY44_115KV_TB2 355964	3.70 -0.01 -3.86	4.51 0.02 -3.10	2.66 -0.03 -3.48	3.91 0.01 -3.11	6.73 0.07 -2.73	8.60 0.11 -1.85	6.85 0.05 -3.33	11.42 0.06 -3.07	11.61 0.04 -3.40	25.55 0.42 -0.13	8.55 0.03 -3.87	5.51 0.00 -4.05	3.62 0.00 -4.11	3.09 0.00 -3.62	1.99 0.02 -5.53	2.05 0.10 -12.73	6.21 -0.07 -11.33	9.63 -0.06 -4.03	8.05 -0.12 -3.42	5.61 0.01 -6.43	14.08 -0.14 -6.36	40.70 -0.33 -7.48	20.07 -0.36 -2.70	2.29 -0.03 -4.49
VALLEY___115KV_TB 1-4 80826	-0.15 0.00 0.00	1.39 -0.01 0.00	-0.79 0.01 0.00	0.79 0.00 0.00	3.91 -0.02 0.00	6.61 -0.02 0.00	3.47 0.00 0.00	8.27 -0.02 0.00	8.15 -0.02 0.00	24.92 -0.09 0.00	4.64 -0.01 0.00	1.46 -0.01 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.78 0.03 -0.75	-10.22 0.07 -0.50	-4.62 0.02 -0.41	5.60 -0.06 0.00	4.71 -0.04 0.00	-0.82 0.01 0.00	7.89 0.03 0.00	33.57 0.02 0.00	17.75 0.01 0.00	-2.18 -0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	7.70 0.00 -7.85	7.77 0.07 -6.30	6.26 -0.04 -7.10	7.16 0.04 -6.34	9.69 0.19 -5.56	12.02 0.21 -5.18	10.38 0.12 -6.79	14.86 0.31 -6.25	15.40 0.31 -6.92	26.19 0.93 -0.24	12.71 0.17 -7.89	9.76 0.06 -8.25	7.87 -0.02 -8.38	6.83 -0.02 -7.38	7.89 -0.14 -11.60	16.07 -0.42 -27.27	18.93 -0.19 -24.18	14.42 0.21 -8.55	12.17 0.18 -7.23	12.74 -0.03 -13.61	19.37 0.31 -11.20	34.82 1.27 0.00	20.30 0.65 -1.92	7.24 -0.09 -9.50
VISCHER___FERRY HYD 24020	24.32 -0.01 -24.48	21.09 0.06 -19.64	21.29 -0.03 -22.12	20.56 0.03 -19.74	21.42 0.16 -17.33	23.05 0.26 -16.15	24.76 0.14 -21.15	28.09 0.32 -19.48	30.04 0.31 -21.55	26.67 0.90 -0.76	29.41 0.17 -24.59	27.21 0.05 -25.69	25.60 -0.02 -26.11	22.46 -0.02 -23.01	32.39 -0.13 -36.08	73.59 -0.39 -84.77	69.58 -0.18 -74.82	32.19 0.21 -26.32	27.19 0.16 -22.27	41.05 -0.03 -41.91	42.62 0.31 -34.44	34.90 1.35 0.00	24.34 0.71 -5.90	26.95 -0.09 -29.21
V_A_10_SYNC_DSASP 323832	2.79 0.00 -2.94	3.70 -0.05 -2.36	1.87 0.01 -2.66	3.13 -0.03 -2.37	5.86 -0.15 -2.08	7.49 -0.29 -1.14	5.86 -0.16 -2.55	10.17 -0.47 -2.34	10.30 -0.46 -2.59	23.71 -1.39 -0.09	7.36 -0.24 -2.96	4.48 -0.07 -3.09	2.68 0.02 -3.14	2.26 0.03 -2.77	0.91 0.21 -4.26	-0.30 0.60 -9.89	3.86 0.14 -8.77	8.47 -0.31 -3.12	7.08 -0.32 -2.65	4.20 0.05 -4.98	11.19 -0.54 -3.87	29.88 -2.09 1.58	16.79 -1.27 -0.32	1.39 0.09 -3.48
V_CMM_10_SYNC_DSASP 323787	-0.14 0.00 0.00	1.38 -0.03 0.00	-0.78 0.02 0.00	0.78 -0.02 0.00	3.87 -0.06 0.00	6.52 -0.12 0.00	3.41 -0.06 0.00	8.15 -0.14 0.00	8.03 -0.14 0.00	24.57 -0.44 0.00	4.56 -0.09 0.00	1.44 -0.03 0.00	-3.81 0.01 3.33	-21.04 0.02 20.52	-21.57 0.08 18.09	-22.49 0.24 11.96	-14.86 0.12 9.92	5.54 -0.12 0.00	4.65 -0.10 0.00	-0.81 0.02 0.00	7.68 -0.18 0.00	32.85 -0.70 0.00	17.41 -0.32 0.00	-2.13 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	-21.19 0.00 21.05	-4.22 -0.07 5.56	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.12 0.00	6.44 -0.20 0.00	3.39 -0.08 0.00	8.12 -0.17 0.00	8.02 -0.15 0.00	24.61 -0.40 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.75 0.02 3.28	-20.70 0.02 20.20	-21.38 -0.01 17.80	-22.70 -0.15 11.77	-14.93 -0.11 9.77	5.78 0.12 0.00	4.77 0.02 0.00	-0.83 0.00 0.00	8.04 0.18 0.00	34.03 0.48 0.00	17.85 0.11 0.00	-2.19 -0.01 0.00
V_E_10_SYNC_DSASP 323830	5.77 -0.01 -5.93	6.21 0.06 -4.75	4.52 -0.04 -5.35	5.60 0.04 -4.78	8.32 0.20 -4.19	11.21 0.40 -4.17	8.83 0.25 -5.12	13.56 0.55 -4.71	13.78 0.39 -5.21	26.21 1.01 -0.18	10.73 0.14 -5.95	7.71 0.03 -6.22	5.81 -0.01 -6.32	5.02 -0.01 -5.56	4.30 -0.08 -7.94	9.23 -0.31 -20.33	12.77 -0.19 -18.02	12.42 0.23 -6.53	10.55 0.27 -5.53	9.51 -0.06 -10.41	16.99 0.57 -8.56	35.58 2.03 0.00	20.16 0.96 -1.47	4.96 -0.12 -7.26
V_F_30_NSYNC___DSASP 323816	24.82 0.00 -24.98	21.50 0.06 -20.03	21.73 -0.03 -22.57	20.96 0.03 -20.14	21.78 0.17 -17.68	23.42 0.30 -16.48	25.23 0.16 -21.60	28.58 0.40 -19.89	30.56 0.38 -22.00	26.88 1.10 -0.78	29.96 0.20 -25.10	27.76 0.06 -26.23	26.15 -0.02 -26.66	22.94 -0.02 -23.49	33.12 -0.16 -36.84	75.27 -0.49 -86.54	71.08 -0.24 -76.38	32.79 0.28 -26.85	27.70 0.23 -22.72	41.88 -0.04 -42.76	43.41 0.42 -35.14	35.27 1.72 0.00	24.61 0.86 -6.02	27.52 -0.10 -29.80
V_F_30_SYNC_DSASP 323786	24.13 0.00 -24.29	20.95 0.07 -19.48	21.11 -0.03 -21.94	20.41 0.04 -19.59	21.30 0.18 -17.19	22.96 0.30 -16.03	24.60 0.16 -20.97	27.98 0.37 -19.32	29.92 0.37 -21.38	26.85 1.09 -0.76	29.24 0.20 -24.39	27.02 0.07 -25.49	25.39 -0.02 -25.90	22.27 -0.02 -22.82	32.07 -0.17 -35.79	72.81 -0.50 -84.09	68.94 -0.23 -74.22	32.04 0.26 -26.12	27.06 0.21 -22.10	40.72 -0.03 -41.59	42.41 0.37 -34.18	35.12 1.57 0.00	24.41 0.82 -5.85	26.71 -0.10 -28.99
V_XM_10_SYNC_DSASP 323789	-21.19 0.00 21.05	-4.22 -0.07 5.56	-0.76 0.04 0.00	0.76 -0.03 0.00	3.81 -0.12 0.00	6.44 -0.20 0.00	3.39 -0.08 0.00	8.12 -0.17 0.00	8.02 -0.15 0.00	24.61 -0.40 0.00	4.55 -0.10 0.00	1.42 -0.04 0.00	-3.75 0.02 3.28	-20.70 0.02 20.20	-21.38 -0.01 17.80	-22.70 -0.15 11.77	-14.93 -0.11 9.77	5.78 0.12 0.00	4.77 0.02 0.00	-0.83 0.00 0.00	8.04 0.18 0.00	34.03 0.48 0.00	17.85 0.11 0.00	-2.19 -0.01 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.37 -0.01 -19.53	17.17 0.10 -15.67	16.79 -0.05 -17.65	16.59 0.06 -15.75	18.02 0.26 -13.82	19.99 0.47 -12.89	20.58 0.25 -16.87	24.41 0.59 -15.52	25.98 0.62 -17.18	27.51 1.90 -0.61	24.61 0.36 -19.60	22.07 0.12 -20.48	20.28 -0.04 -20.81	17.76 -0.05 -18.34	24.87 -0.33 -28.77	55.83 -0.97 -67.59	54.17 -0.45 -59.68	27.15 0.49 -21.00	22.89 0.41 -17.73	32.51 -0.07 -33.42	35.79 0.66 -27.28	36.21 2.67 0.00	23.81 1.41 -4.67	20.78 -0.18 -23.13

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.38 0.50 -13.25	21.07 0.26 -17.34	24.89 0.63 -15.96	26.51 0.68 -17.66	27.75 2.12 -0.62	25.21 0.40 -20.15	22.65 0.13 -21.06	20.86 -0.05 -21.40	18.27 -0.05 -18.86	25.66 -0.36 -29.57	57.67 -1.03 -69.49	55.83 -0.47 -61.35	27.76 0.50 -21.59	23.43 0.43 -18.25	33.46 -0.08 -34.37	36.68 0.69 -28.13	36.37 2.82 0.00	24.07 1.52 -4.82	21.49 -0.19 -23.86
W50THST__13_KV_LOAD 356117	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.28 -0.06 -18.14	17.04 0.06 -16.19	18.45 0.30 -14.21	20.42 0.54 -13.25	21.09 0.28 -17.34	24.95 0.69 -15.96	26.58 0.74 -17.66	27.95 2.32 -0.62	25.25 0.44 -20.15	22.67 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.62 -0.39 -29.57	57.57 -1.13 -69.49	55.78 -0.51 -61.35	27.81 0.56 -21.59	23.47 0.47 -18.25	33.45 -0.08 -34.37	36.74 0.75 -28.13	36.60 3.05 0.00	24.18 1.63 -4.82	21.48 -0.20 -23.86
WADING RIVER_IC_1 23522	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.57 0.68 -13.25	21.16 0.34 -17.34	25.04 0.78 -15.97	26.71 0.87 -17.67	28.22 2.59 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.09 -0.41 -30.06	57.72 -1.00 -69.50	55.83 -0.48 -61.36	27.77 0.51 -21.60	23.48 0.48 -18.25	33.44 -0.10 -34.38	36.90 0.90 -28.14	37.14 3.59 0.00	24.55 2.00 -4.82	21.42 -0.26 -23.86
WADING RIVER_IC_2 23547	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.57 0.68 -13.25	21.16 0.34 -17.34	25.04 0.78 -15.97	26.71 0.87 -17.67	28.22 2.59 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.09 -0.41 -30.06	57.72 -1.00 -69.50	55.83 -0.48 -61.36	27.77 0.51 -21.60	23.48 0.48 -18.25	33.44 -0.10 -34.38	36.90 0.90 -28.14	37.14 3.59 0.00	24.55 2.00 -4.82	21.42 -0.26 -23.86
WADING RIVER_IC_3 23601	19.92 -0.01 -20.08	17.62 0.11 -16.11	17.29 -0.06 -18.14	17.05 0.06 -16.20	18.52 0.37 -14.22	20.57 0.68 -13.25	21.16 0.34 -17.34	25.04 0.78 -15.97	26.71 0.87 -17.67	28.22 2.59 -0.62	25.31 0.51 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.09 -0.41 -30.06	57.72 -1.00 -69.50	55.83 -0.48 -61.36	27.77 0.51 -21.60	23.48 0.48 -18.25	33.44 -0.10 -34.38	36.90 0.90 -28.14	37.14 3.59 0.00	24.55 2.00 -4.82	21.42 -0.26 -23.86
WALDENNY_12_KV_BK2 80841	3.31 0.00 -3.46	4.13 -0.04 -2.77	2.33 0.00 -3.12	3.55 -0.02 -2.79	6.27 -0.10 -2.45	7.05 -0.22 -0.64	6.35 -0.13 -3.01	10.66 -0.40 -2.77	10.84 -0.39 -3.06	24.01 -1.11 -0.12	7.95 -0.20 -3.49	5.05 -0.06 -3.65	3.24 0.02 -3.71	2.76 0.02 -3.27	1.64 0.18 -5.02	1.35 0.52 -11.62	5.36 0.10 -10.32	9.07 -0.26 -3.67	7.58 -0.29 -3.12	5.07 0.04 -5.86	13.71 -0.46 -6.31	42.24 -1.75 -10.43	19.90 -1.16 -3.32	1.99 0.07 -4.09
WALDEN__HYDRO 24148	19.17 -0.01 -19.33	17.00 0.09 -15.51	16.62 -0.05 -17.47	16.43 0.05 -15.59	17.87 0.26 -13.68	19.85 0.46 -12.76	20.41 0.24 -16.70	24.24 0.58 -15.37	25.77 0.59 -17.01	27.36 1.75 -0.60	24.38 0.32 -19.40	21.85 0.10 -20.27	20.08 -0.04 -20.60	17.58 -0.05 -18.15	24.62 -0.29 -28.48	55.26 -0.86 -66.91	53.63 -0.40 -59.08	26.91 0.45 -20.80	22.76 0.40 -17.62	32.23 -0.07 -33.14	35.85 0.68 -27.31	36.29 2.74 0.00	23.84 1.43 -4.68	20.81 -0.18 -23.16
WARRENSBURG____ 23737	24.90 0.00 -25.06	21.53 0.03 -20.10	21.82 -0.02 -22.64	21.01 0.02 -20.21	21.76 0.09 -17.74	23.34 0.17 -16.54	25.24 0.10 -21.67	28.52 0.27 -19.95	30.49 0.24 -22.08	26.43 0.64 -0.78	29.96 0.13 -25.19	27.82 0.04 -26.32	26.25 -0.01 -26.75	23.03 -0.02 -23.57	33.31 -0.09 -36.96	75.76 -0.29 -86.84	71.42 -0.15 -76.63	32.80 0.20 -26.94	27.70 0.16 -22.79	42.04 -0.02 -42.89	43.43 0.32 -35.25	34.77 1.22 0.00	24.34 0.57 -6.03	27.65 -0.07 -29.90
WATERSIDE____6 8 9 23538	19.92 -0.01 -20.08	17.61 0.10 -16.11	17.29 -0.05 -18.14	17.04 0.06 -16.19	18.41 0.27 -14.21	20.37 0.49 -13.25	21.06 0.25 -17.34	24.87 0.62 -15.96	26.50 0.67 -17.66	27.68 2.05 -0.62	25.19 0.39 -20.15	22.65 0.13 -21.06	20.87 -0.05 -21.40	18.28 -0.05 -18.86	25.66 -0.35 -29.57	57.70 -1.00 -69.49	55.84 -0.46 -61.35	27.75 0.50 -21.59	23.42 0.43 -18.25	33.46 -0.07 -34.37	36.67 0.68 -28.13	36.31 2.77 0.00	24.05 1.49 -4.82	21.50 -0.18 -23.86
WATKINRD_115KV_LN8_ILLION 55919	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.93 0.00 0.00	6.65 0.01 0.00	3.48 0.01 0.00	8.31 0.02 0.00	8.18 0.00 0.00	25.00 -0.01 0.00	4.65 0.00 0.00	1.46 0.00 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.81 0.01 -0.75	-10.29 0.00 -0.50	-4.66 -0.01 -0.41	5.65 -0.01 0.00	4.75 0.00 0.00	-0.83 0.00 0.00	7.91 0.05 0.00	33.73 0.18 0.00	17.81 0.07 0.00	-2.19 -0.01 0.00
WATSON____69_KV_BK 1 55734	19.92 -0.01 -20.08	17.64 0.13 -16.11	17.28 -0.07 -18.14	17.06 0.07 -16.20	18.52 0.38 -14.22	20.57 0.68 -13.25	21.17 0.35 -17.34	25.03 0.77 -15.97	26.71 0.87 -17.67	28.25 2.61 -0.62	25.33 0.52 -20.16	23.05 0.17 -21.41	24.83 -0.06 -25.38	23.51 -0.07 -24.11	26.08 -0.42 -30.06	57.49 -1.04 -69.31	55.31 -0.49 -60.86	27.55 0.51 -21.37	23.31 0.48 -18.08	33.17 -0.10 -34.10	36.89 0.89 -28.14	37.11 3.56 0.00	24.54 1.98 -4.82	21.42 -0.26 -23.86
WDELAWARE__HYD 323627	16.82 -0.01 -16.97	15.10 0.09 -13.61	14.49 -0.05 -15.33	14.53 0.05 -13.69	16.19 0.25 -12.01	18.28 0.45 -11.20	18.37 0.24 -14.66	22.31 0.52 -13.49	23.63 0.53 -14.93	27.09 1.56 -0.53	21.98 0.29 -17.03	19.36 0.10 -17.80	17.56 -0.04 -18.09	15.37 -0.04 -15.94	21.25 -0.19 -25.00	47.39 -0.56 -58.73	46.57 -0.25 -51.87	24.22 0.29 -18.27	20.48 0.26 -15.47	28.22 -0.05 -29.10	32.46 0.63 -23.98	36.08 2.53 0.00	23.15 1.31 -4.10	18.00 -0.16 -20.33
WEST BABYLON__IC 23714	19.92 -0.01 -20.08	17.64 0.12 -16.11	17.28 -0.07 -18.14	17.05 0.07 -16.20	18.50 0.36 -14.22	20.54 0.65 -13.25	21.15 0.33 -17.34	25.00 0.74 -15.97	26.67 0.83 -17.67	28.14 2.51 -0.62	25.31 0.50 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.10 -0.40 -30.06	57.27 -0.99 -69.04	54.62 -0.47 -60.15	27.22 0.50 -21.06	23.04 0.46 -17.83	32.78 -0.10 -33.71	36.84 0.84 -28.14	36.95 3.40 0.00	24.45 1.90 -4.82	21.43 -0.25 -23.86
WEST CANADA__HYD 24049	-0.15 0.00 0.00	1.40 0.00 0.00	-0.80 0.00 0.00	0.79 0.00 0.00	3.93 0.00 0.00	6.63 0.00 0.00	3.47 0.00 0.00	8.29 0.00 0.00	8.17 0.00 0.00	25.00 0.00 0.00	4.65 0.00 0.00	1.47 0.00 0.00	-0.35 0.00 -0.14	0.33 0.00 -0.85	-2.81 0.00 -0.75	-10.29 0.00 -0.50	-4.65 -0.01 -0.41	5.66 0.00 0.00	4.75 0.00 0.00	-0.83 0.00 0.00	7.87 0.01 0.00	33.58 0.03 0.00	17.75 0.02 0.00	-2.18 0.00 0.00
WESTERN_NY_WIND 24143	3.03 0.00 -3.18	3.91 -0.04 -2.55	2.07 0.00 -2.87	3.33 -0.02 -2.56	6.09 -0.09 -2.25	7.31 -0.20 -0.88	6.14 -0.09 -2.76	10.57 -0.26 -2.54	10.70 -0.28 -2.81	24.09 -1.01 -0.10	7.64 -0.22 -3.21	4.75 -0.07 -3.35	2.94 0.02 -3.41	2.50 0.02 -3.01	2.88 0.20 -6.24	0.96 0.50 -11.24	5.20 0.10 -10.16	8.80 -0.25 -3.38	7.40 -0.22 -2.87	4.61 0.04 -5.41	11.92 -0.39 -4.45	31.90 -1.65 0.00	17.29 -1.21 -0.76	1.66 0.06 -3.77

WESTOVER___LESR 323668	6.08 0.00 -6.23	6.41 0.01 -4.99	4.82 -0.01 -5.63	5.82 0.01 -5.02	8.39 0.05 -4.41	10.83 0.09 -4.11	8.90 0.05 -5.39	13.36 0.11 -4.96	13.76 0.10 -5.49	25.53 0.33 -0.19	10.96 0.05 -6.26	8.02 0.01 -6.54	6.15 -0.01 -6.64	5.32 -0.01 -5.86	5.62 -0.04 -9.22	10.82 -0.11 -21.71	14.25 -0.07 -19.37	12.64 0.08 -6.89	10.64 0.06 -5.83	10.12 -0.01 -10.97	17.10 0.10 -9.13	34.66 0.36 -0.75	19.60 0.14 -1.72	5.45 -0.03 -7.66
WETHRSFD_WT_PWR 323626	3.68 0.00 -3.83	4.41 -0.06 -3.07	2.68 0.02 -3.46	3.85 -0.03 -3.09	6.47 -0.17 -2.71	3.47 -0.31 2.86	6.69 -0.18 -3.40	10.95 -0.47 -3.13	11.19 -0.45 -3.46	23.84 -1.30 -0.13	8.35 -0.25 -3.95	5.51 -0.09 -4.13	3.74 0.03 -4.20	3.20 0.03 -3.70	3.94 0.24 -7.26	3.79 0.69 -13.88	7.67 0.20 -12.52	9.56 -0.35 -4.24	8.01 -0.33 -3.59	5.99 0.05 -6.76	13.78 -0.45 -6.36	37.44 -1.71 -5.61	18.90 -1.13 -2.29	2.62 0.08 -4.72
WHAVSTOR_138KV_BK127 55557	19.40 -0.01 -19.56	17.18 0.09 -15.69	16.82 -0.05 -17.67	16.61 0.05 -15.77	18.02 0.25 -13.84	19.98 0.45 -12.90	20.59 0.23 -16.89	24.39 0.55 -15.55	25.96 0.58 -17.20	27.41 1.79 -0.61	24.62 0.34 -19.63	22.09 0.11 -20.51	20.31 -0.04 -20.84	17.79 -0.05 -18.36	24.93 -0.31 -28.80	55.98 -0.91 -67.67	54.28 -0.42 -59.75	27.14 0.46 -21.03	22.89 0.39 -17.76	32.56 -0.07 -33.46	35.78 0.61 -27.31	36.05 2.50 0.00	23.74 1.33 -4.68	20.81 -0.17 -23.16
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.40 -0.01 -19.56	17.18 0.09 -15.69	16.82 -0.05 -17.67	16.61 0.05 -15.77	18.02 0.25 -13.84	19.98 0.45 -12.90	20.59 0.23 -16.89	24.39 0.55 -15.55	25.96 0.58 -17.20	27.41 1.79 -0.61	24.62 0.34 -19.63	22.09 0.11 -20.51	20.31 -0.04 -20.84	17.79 -0.05 -18.36	24.93 -0.31 -28.80	55.98 -0.91 -67.67	54.28 -0.42 -59.75	27.14 0.46 -21.03	22.89 0.39 -17.76	32.56 -0.07 -33.46	35.78 0.61 -27.31	36.05 2.50 0.00	23.74 1.33 -4.68	20.81 -0.17 -23.16
WHITEHAL_115KV_TB1 80871	24.87 -0.01 -25.02	21.54 0.06 -20.07	21.77 -0.04 -22.61	21.01 0.04 -20.18	21.86 0.22 -17.71	23.55 0.40 -16.51	25.34 0.23 -21.64	28.81 0.60 -19.92	30.70 0.48 -22.05	27.11 1.32 -0.78	30.06 0.25 -25.15	27.82 0.07 -26.28	26.20 -0.02 -26.71	22.98 -0.03 -23.53	33.17 -0.18 -36.91	75.30 -0.63 -86.71	71.12 -0.35 -76.52	32.97 0.40 -26.90	27.85 0.34 -22.76	41.95 -0.05 -42.84	43.75 0.68 -35.21	36.12 2.57 0.00	24.97 1.21 -6.03	27.52 -0.16 -29.86
WHITEPLN_13_KV_LOAD 356215	19.90 -0.01 -20.06	17.60 0.11 -16.09	17.26 -0.06 -18.12	17.02 0.06 -16.17	18.42 0.29 -14.20	20.39 0.52 -13.23	21.07 0.28 -17.32	24.87 0.63 -15.94	26.49 0.67 -17.64	27.70 2.07 -0.62	25.17 0.39 -20.13	22.63 0.13 -21.03	20.84 -0.05 -21.37	18.25 -0.05 -18.83	25.63 -0.35 -29.54	57.60 -1.02 -69.40	55.76 -0.47 -61.28	27.76 0.53 -21.57	23.41 0.44 -18.22	33.42 -0.08 -34.33	36.64 0.70 -28.09	36.40 2.86 0.00	24.06 1.52 -4.81	21.45 -0.19 -23.82
WM_FLOYD_69_KV_BK2 356380	19.92 -0.01 -20.08	17.63 0.12 -16.11	17.28 -0.06 -18.14	17.05 0.07 -16.20	18.51 0.37 -14.22	20.56 0.67 -13.25	21.16 0.35 -17.34	25.02 0.76 -15.97	26.69 0.85 -17.67	28.15 2.52 -0.62	25.30 0.50 -20.16	23.04 0.16 -21.41	24.84 -0.06 -25.38	23.51 -0.07 -24.11	26.11 -0.39 -30.06	57.75 -0.96 -69.50	55.85 -0.46 -61.36	27.74 0.48 -21.60	23.47 0.47 -18.25	33.45 -0.10 -34.38	36.87 0.87 -28.14	37.03 3.48 0.00	24.49 1.94 -4.82	21.43 -0.26 -23.86
WOODARD__115KV_TB2 355635	1.92 0.00 -2.06	3.03 -0.03 -1.66	1.08 0.01 -1.86	2.44 -0.02 -1.67	5.31 -0.08 -1.46	7.86 -0.13 -1.36	5.19 -0.07 -1.78	9.77 -0.17 -1.64	9.81 -0.17 -1.81	24.54 -0.53 -0.06	6.62 -0.10 -2.07	3.60 -0.03 -2.16	1.72 0.01 -2.20	1.42 0.01 -1.94	-0.46 0.07 -3.03	-3.47 0.21 -7.10	1.31 0.07 -6.30	7.84 -0.08 -2.26	6.63 -0.07 -1.95	2.85 0.01 -3.67	10.75 -0.13 -3.02	32.97 -0.58 0.00	17.89 -0.37 -0.52	0.42 0.04 -2.56
YORK___WARBASSE 23770	19.92 -0.01 -20.08	17.61 0.11 -16.11	17.29 -0.06 -18.14	17.04 0.06 -16.19	18.42 0.28 -14.21	20.39 0.51 -13.25	21.08 0.26 -17.34	24.91 0.65 -15.96	26.54 0.70 -17.66	27.78 2.15 -0.62	25.23 0.42 -20.15	22.66 0.14 -21.06	20.86 -0.05 -21.40	18.27 -0.06 -18.86	25.64 -0.37 -29.57	57.65 -1.06 -69.49	55.83 -0.47 -61.35	27.79 0.53 -21.59	23.46 0.46 -18.25	33.46 -0.08 -34.37	36.73 0.73 -28.13	36.52 2.97 0.00	24.17 1.61 -4.82	21.49 -0.20 -23.87