

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/08/2023

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	18.21	16.84	13.88	13.93	15.35	17.83	27.61	23.47	22.00	21.21	20.51	20.04	19.25	20.48	21.12	21.54	24.73	36.40	38.55	31.52	27.13	28.70	25.32	20.23
24138	0.75	0.11	0.34	0.42	0.75	1.01	0.76	1.43	0.86	1.59	1.62	1.64	1.69	0.68	0.24	0.24	0.17	0.55	-0.29	0.82	2.13	1.40	1.77	1.30
	-6.59	-14.92	-7.39	-6.20	-1.50	-0.55	-15.01	-1.85	-10.77	0.00	0.00	0.00	0.00	-12.71	-18.45	-18.93	-22.79	-29.97	-42.19	-21.12	0.00	-9.68	0.00	0.00
74TH STREET_GT_1	18.23	16.85	13.89	13.94	15.37	17.85	27.62	23.48	21.99	21.18	20.47	20.02	19.22	20.46	21.12	21.53	24.73	36.40	38.56	31.51	27.12	28.72	25.32	20.25
24260	0.76	0.12	0.35	0.43	0.77	1.03	0.77	1.45	0.85	1.57	1.58	1.61	1.66	0.66	0.24	0.24	0.17	0.54	-0.29	0.82	2.12	1.41	1.77	1.32
	-6.59	-14.93	-7.39	-6.20	-1.50	-0.55	-15.01	-1.85	-10.77	0.00	0.00	0.00	0.00	-12.71	-18.45	-18.93	-22.79	-29.97	-42.19	-21.12	0.00	-9.68	0.00	0.00
74TH STREET_GT_2	18.23	16.85	13.89	13.94	15.37	17.85	27.62	23.48	21.99	21.18	20.47	20.02	19.22	20.46	21.12	21.53	24.73	36.40	38.56	31.51	27.12	28.72	25.32	20.25
24261	0.76	0.12	0.35	0.43	0.77	1.03	0.77	1.45	0.85	1.57	1.58	1.61	1.66	0.66	0.24	0.24	0.17	0.54	-0.29	0.82	2.12	1.41	1.77	1.32
	-6.59	-14.93	-7.39	-6.20	-1.50	-0.55	-15.01	-1.85	-10.77	0.00	0.00	0.00	0.00	-12.71	-18.45	-18.93	-22.79	-29.97	-42.19	-21.12	0.00	-9.68	0.00	0.00
ADK HUDSON___FALLS	20.35	22.31	16.50	16.10	15.67	17.78	33.13	23.64	25.50	20.22	19.41	18.95	17.95	23.85	26.58	26.98	31.33	45.24	51.62	37.51	25.88	30.88	24.55	19.75
24011	0.39	0.06	0.23	0.29	0.52	0.76	0.60	0.91	0.40	0.61	0.52	0.54	0.39	0.14	0.04	0.04	0.04	0.19	-0.11	0.36	0.89	0.61	1.00	0.82
	-9.09	-20.44	-10.13	-8.49	-2.05	-0.75	-20.69	-2.55	-14.72	0.00	0.00	0.00	0.00	-16.62	-24.10	-24.57	-29.52	-39.16	-55.08	-27.57	-0.01	-12.64	0.00	0.00
ADK RESOURCE___RCVRY	20.32	22.34	16.54	16.14	15.74	17.91	33.12	23.73	25.62	20.29	19.47	19.01	17.98	23.88	26.61	27.01	31.36	45.33	51.65	37.61	26.07	31.01	24.69	19.86
23798	0.41	0.07	0.26	0.33	0.58	0.88	0.69	1.00	0.45	0.67	0.58	0.60	0.42	0.16	0.05	0.05	0.04	0.24	-0.14	0.44	1.07	0.73	1.14	0.93
	-9.04	-20.46	-10.14	-8.50	-2.06	-0.75	-20.58	-2.55	-14.80	0.00	0.00	0.00	0.00	-16.63	-24.13	-24.60	-29.55	-39.20	-55.14	-27.60	-0.01	-12.65	0.00	0.00
ADK S GLENS___FALLS	20.35	22.31	16.50	16.10	15.67	17.78	33.13	23.64	25.50	20.22	19.41	18.95	17.95	23.85	26.58	26.98	31.33	45.24	51.62	37.51	25.88	30.88	24.55	19.75
24028	0.39	0.06	0.23	0.29	0.52	0.76	0.60	0.91	0.40	0.61	0.52	0.54	0.39	0.14	0.04	0.04	0.04	0.19	-0.11	0.36	0.89	0.61	1.00	0.82
	-9.09	-20.44	-10.13	-8.49	-2.05	-0.75	-20.69	-2.55	-14.72	0.00	0.00	0.00	0.00	-16.62	-24.10	-24.57	-29.52	-39.16	-55.08	-27.57	-0.01	-12.64	0.00	0.00
ADK_NYS___DAM	19.92	21.36	16.06	15.73	15.63	17.65	31.93	23.37	24.79	20.05	19.20	18.78	17.96	23.17	25.53	25.84	29.92	43.50	49.29	36.25	25.68	30.31	24.33	19.58
23527	0.45	0.07	0.27	0.33	0.58	0.67	0.50	0.77	0.34	0.44	0.31	0.38	0.40	0.18	0.05	0.05	0.04	0.13	-0.09	0.28	0.68	0.59	0.78	0.65
	-8.60	-19.47	-9.65	-8.09	-1.96	-0.72	-19.58	-2.42	-14.08	0.00	0.00	0.00	0.00	-15.90	-23.05	-23.42	-28.12	-37.47	-52.72	-26.39	-0.01	-12.10	0.00	0.00
AIR_PRODUCTS___DRP	19.65	21.30	15.89	15.50	15.21	17.13	31.66	22.82	24.43	19.68	18.94	18.53	17.71	23.04	25.48	25.87	30.00	43.37	49.25	36.04	25.29	29.91	23.75	19.06
24190	0.11	0.02	0.10	0.09	0.15	0.15	0.12	0.22	0.09	0.07	0.05	0.12	0.16	0.07	0.02	0.02	0.02	0.07	-0.04	0.12	0.29	0.20	0.20	0.13
	-8.67	-19.48	-9.65	-8.09	-1.96	-0.72	-19.69	-2.42	-13.96	0.00	0.00	0.00	0.00	-15.87	-23.03	-23.48	-28.21	-37.42	-52.64	-26.35	-0.01	-12.08	0.00	0.00
AKWESSNE_115KV_BK	10.79	1.89	6.15	7.30	13.02	16.13	11.78	19.95	10.29	19.43	18.68	18.18	17.32	7.06	2.50	2.44	1.87	5.97	-3.03	9.55	24.60	17.46	23.34	18.83
355683	-0.13	-0.01	-0.05	-0.06	-0.09	-0.14	-0.15	-0.24	-0.15	-0.18	-0.21	-0.23	-0.24	-0.10	-0.04	-0.04	-0.03	-0.09	0.07	-0.15	-0.40	-0.22	-0.21	-0.10
	-0.05	-0.09	-0.05	-0.04	-0.01	0.00	-0.08	-0.01	-0.06	0.00	0.00	0.00	0.00	-0.08	-0.11	-0.11	-0.13	-0.18	-0.25	-0.12	0.00	-0.06	0.00	0.00
ALBANY___1	19.65	21.30	15.89	15.50	15.21	17.13	31.66	22.82	24.43	19.68	18.94	18.53	17.71	23.04	25.48	25.87	30.00	43.37	49.25	36.04	25.29	29.91	23.75	19.06
23571	0.11	0.02	0.10	0.09	0.15	0.15	0.12	0.22	0.09	0.07	0.05	0.12	0.16	0.07	0.02	0.02	0.02	0.07	-0.04	0.12	0.29	0.20	0.20	0.13
	-8.67	-19.48	-9.65	-8.09	-1.96	-0.72	-19.69	-2.42	-13.96	0.00	0.00	0.00	0.00	-15.87	-23.03	-23.48	-28.21	-37.42	-52.64	-26.35	-0.01	-12.08	0.00	0.00
ALBANY___2	19.65	21.30	15.89	15.50	15.21	17.13	31.66	22.82	24.43	19.68	18.94	18.53	17.71	23.04	25.48	25.87	30.00	43.37	49.25	36.04	25.29	29.91	23.75	19.06
23572	0.11	0.02	0.10	0.09	0.15	0.15	0.12	0.22	0.09	0.07	0.05	0.12	0.16	0.07	0.02	0.02	0.02	0.07	-0.04	0.12	0.29	0.20	0.20	0.13
	-8.67	-19.48	-9.65	-8.09	-1.96	-0.72	-19.69	-2.42	-13.96	0.00	0.00	0.00	0.00	-15.87	-23.03	-23.48	-28.21	-37.42	-52.64	-26.35	-0.01	-12.08	0.00	0.00
ALBANY___3	19.65	21.30	15.89	15.50	15.21	17.13	31.66	22.82	24.43	19.68	18.94	18.53	17.71	23.04	25.48	25.87	30.00	43.37	49.25	36.04	25.29	29.91	23.75	19.06
23573	0.11	0.02	0.10	0.09	0.15	0.15	0.12	0.22	0.09	0.07	0.05	0.12	0.16	0.07	0.02	0.02	0.02	0.07	-0.04	0.12	0.29	0.20	0.20	0.13
	-8.67	-19.48	-9.65	-8.09	-1.96	-0.72	-19.69	-2.42	-13.96	0.00	0.00	0.00	0.00	-15.87	-23.03	-23.48	-28.21	-37.42	-52.64	-26.35	-0.01	-12.08	0.00	0.00

ALBANY___4 23574	19.65 0.11 -8.67	21.30 0.02 -19.48	15.89 0.10 -9.65	15.50 0.09 -8.09	15.21 0.15 -1.96	17.13 0.15 -0.72	31.66 0.12 -19.69	22.82 0.22 -2.42	24.43 0.09 -13.96	19.68 0.07 0.00	18.94 0.05 0.00	18.53 0.12 0.00	17.71 0.16 0.00	23.04 0.07 -15.87	25.48 0.02 -23.03	25.87 0.02 -23.48	30.00 0.02 -28.21	43.37 0.07 -37.42	49.25 -0.04 -52.64	36.04 0.12 -26.35	25.29 0.29 -0.01	29.91 0.20 -12.08	23.75 0.20 0.00	19.06 0.13 0.00
ALBANY___LFGE 323615	19.78 0.21 -8.70	21.53 0.03 -19.69	16.05 0.14 -9.75	15.65 0.16 -8.18	15.34 0.26 -1.98	17.28 0.29 -0.73	31.88 0.23 -19.80	23.04 0.41 -2.45	24.81 0.19 -14.24	19.87 0.25 0.00	19.13 0.23 0.00	18.71 0.30 0.00	17.89 0.32 0.00	23.27 0.14 -16.04	25.75 0.05 -23.27	26.14 0.04 -23.72	30.31 0.04 -28.50	43.82 0.13 -37.81	49.77 -0.08 -53.19	36.41 0.21 -26.63	25.53 0.53 -0.01	30.20 0.37 -12.21	23.97 0.42 0.00	19.23 0.30 0.00
ALCOA_PA_115KV_PL-6C 55860	10.82 -0.12 -0.06	1.92 -0.01 -0.12	6.17 -0.04 -0.06	7.32 -0.05 -0.05	13.04 -0.07 -0.01	16.15 -0.11 0.00	11.83 -0.12 -0.11	20.01 -0.19 -0.01	10.33 -0.12 -0.09	19.50 -0.12 0.00	18.75 -0.14 0.00	18.24 -0.16 0.00	17.38 -0.18 0.00	7.11 -0.08 -0.10	2.55 -0.04 -0.15	2.49 -0.04 -0.15	1.93 -0.03 -0.19	6.05 -0.08 -0.24	-2.94 0.06 -0.34	9.63 -0.12 -0.17	24.70 -0.29 0.00	17.56 -0.15 -0.08	23.44 -0.11 0.00	18.92 -0.02 0.00
ALCOA_RYNLDS___DRP 24188	10.82 -0.12 -0.06	1.92 -0.01 -0.12	6.17 -0.04 -0.06	7.32 -0.05 -0.05	13.04 -0.07 -0.01	16.15 -0.11 0.00	11.83 -0.12 -0.11	20.01 -0.19 -0.01	10.33 -0.12 -0.09	19.50 -0.12 0.00	18.75 -0.14 0.00	18.24 -0.16 0.00	17.38 -0.18 0.00	7.11 -0.08 -0.10	2.55 -0.04 -0.15	2.49 -0.04 -0.15	1.93 -0.03 -0.19	6.05 -0.08 -0.24	-2.94 0.06 -0.34	9.63 -0.12 -0.17	24.70 -0.29 0.00	17.56 -0.15 -0.08	23.44 -0.11 0.00	18.92 -0.02 0.00
ALCOA___DSASP 323711	10.76 -0.12 0.00	1.80 -0.01 0.00	6.11 -0.04 0.00	7.27 -0.05 0.00	13.03 -0.07 0.00	16.15 -0.12 0.00	11.72 -0.12 0.00	19.99 -0.19 0.00	10.25 -0.12 0.00	19.50 -0.11 0.00	18.75 -0.14 0.00	18.24 -0.16 0.00	17.38 -0.18 0.00	7.01 -0.08 0.00	2.40 -0.04 0.00	2.33 -0.04 0.00	1.74 -0.03 0.00	5.81 -0.08 0.00	-3.28 0.06 0.00	9.46 -0.12 0.00	24.70 -0.29 0.00	17.48 -0.15 0.00	23.44 -0.11 0.00	18.92 -0.01 0.00
ALLEGHENY___COGEN 23514	12.51 0.01 -1.63	4.44 -0.01 -2.64	7.45 -0.01 -1.31	8.46 0.04 -1.10	13.45 0.09 -0.27	16.59 0.22 -0.10	14.78 0.27 -2.66	20.89 0.38 -0.33	12.27 -0.04 -1.94	19.50 -0.11 0.00	18.82 -0.06 0.00	18.20 -0.21 0.00	17.42 -0.14 0.00	9.12 -0.07 -2.10	5.46 -0.01 -3.04	5.47 -0.01 -3.11	5.50 -0.01 -3.74	10.81 0.01 -4.91	3.47 -0.05 -6.86	13.20 0.19 -3.43	25.69 0.70 0.00	19.65 0.45 -1.57	23.85 0.30 0.00	19.08 0.15 0.00
ALTAMONT_115KV_TB 2 55880	19.84 0.28 -8.69	21.38 0.04 -19.53	15.98 0.16 -9.67	15.61 0.19 -8.11	15.39 0.33 -1.96	17.38 0.39 -0.72	31.86 0.30 -19.71	23.13 0.52 -2.43	24.68 0.26 -14.05	20.00 0.39 0.00	19.26 0.37 0.00	18.82 0.41 0.00	17.99 0.43 0.00	23.17 0.18 -15.90	25.56 0.06 -23.07	25.97 0.06 -23.54	30.11 0.04 -28.29	43.52 0.15 -37.48	49.29 -0.09 -52.73	36.23 0.26 -26.39	25.67 0.67 -0.01	30.20 0.47 -12.10	24.12 0.57 0.00	19.37 0.44 0.00
ALTONA_WT_PWR 323606	10.60 -0.28 0.00	1.77 -0.04 0.00	6.13 -0.01 0.00	7.37 0.06 0.00	13.28 0.18 0.00	16.65 0.39 0.00	12.14 0.30 0.00	20.91 0.73 0.00	10.73 0.36 0.00	20.25 0.64 0.00	19.20 0.31 0.00	18.57 0.16 0.00	17.53 -0.03 0.00	7.05 -0.05 0.00	2.41 -0.02 0.00	2.35 -0.01 0.00	1.76 -0.01 0.00	5.87 -0.02 0.00	-3.37 -0.03 0.00	9.80 0.23 0.00	25.71 0.72 0.00	18.22 0.60 0.00	24.54 0.99 0.00	19.93 1.00 0.00
AMERICAN_REF_FUEL 24010	10.22 -0.88 -0.22	4.04 -0.15 -2.39	6.87 -0.45 -1.18	7.81 -0.50 -0.99	12.41 -0.93 -0.24	15.12 -1.23 -0.09	13.47 -0.78 -2.40	19.08 -1.40 -0.30	11.46 -0.68 -1.77	18.30 -1.31 0.00	17.84 -1.05 0.00	17.26 -1.15 0.00	16.57 -0.99 0.00	8.58 -0.41 -1.90	5.06 -0.13 -2.75	5.06 -0.13 -2.82	5.06 -0.09 -3.38	10.03 -0.30 -4.44	2.96 0.11 -6.20	11.95 -0.73 -3.10	23.11 -1.88 0.00	17.76 -1.29 -1.42	21.56 -1.98 0.00	17.39 -1.54 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	11.38 -0.19 -0.69	4.42 -0.05 -2.67	7.35 -0.11 -1.32	8.35 -0.08 -1.11	13.25 -0.12 -0.27	16.13 -0.23 -0.10	14.50 -0.03 -2.68	20.64 0.12 -0.34	12.44 0.10 -1.97	19.78 0.16 0.00	19.26 0.37 0.00	18.63 0.23 0.00	17.83 0.27 0.00	9.31 0.09 -2.13	5.56 0.04 -3.09	5.56 0.04 -3.16	5.59 0.03 -3.79	10.96 0.09 -4.98	3.49 -0.11 -6.95	13.08 0.03 -3.48	25.13 0.14 0.00	19.28 0.06 -1.59	23.28 -0.27 0.00	18.66 -0.27 0.00
ARTHUR_KILL_GT_1 23520	18.21 0.75 -6.59	16.85 0.12 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.33 0.73 -1.50	17.80 0.99 -0.55	27.56 0.71 -15.01	23.34 1.31 -1.85	21.92 0.78 -10.77	21.06 1.45 0.00	20.31 1.42 0.00	19.90 1.49 0.00	19.10 1.54 0.00	20.41 0.61 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.37 0.51 -29.97	38.59 -0.26 -42.19	31.47 0.77 -21.12	27.01 2.02 0.00	28.66 1.35 -9.68	25.23 1.69 0.00	20.20 1.27 0.00
ARTHUR_KILL_2 23512	18.18 0.72 -6.59	16.85 0.11 -14.93	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.68 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.41 0.00	20.27 1.38 0.00	19.86 1.46 0.00	19.06 1.50 0.00	20.39 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.60 -0.25 -42.19	31.44 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
ARTHUR_KILL_3 23513	18.11 0.65 -6.59	16.83 0.10 -14.92	13.82 0.29 -7.39	13.86 0.35 -6.20	15.22 0.62 -1.50	17.66 0.84 -0.55	27.47 0.62 -15.01	23.21 1.17 -1.85	21.86 0.72 -10.77	20.93 1.32 0.00	20.24 1.35 0.00	19.80 1.40 0.00	19.01 1.45 0.00	20.37 0.57 -12.71	21.09 0.21 -18.45	21.50 0.20 -18.93	24.70 0.14 -22.79	36.31 0.46 -29.97	38.60 -0.24 -42.19	31.38 0.69 -21.12	26.77 1.78 0.00	28.49 1.18 -9.68	25.02 1.47 0.00	20.02 1.09 0.00
ARTHUR_KILL_COGEN 323718	18.21 0.75 -6.59	16.85 0.12 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.33 0.73 -1.50	17.80 0.99 -0.55	27.56 0.71 -15.01	23.34 1.31 -1.85	21.92 0.78 -10.77	21.06 1.45 0.00	20.31 1.42 0.00	19.90 1.49 0.00	19.10 1.54 0.00	20.41 0.61 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.37 0.51 -29.97	38.59 -0.26 -42.19	31.47 0.77 -21.12	27.01 2.02 0.00	28.66 1.35 -9.68	25.23 1.69 0.00	20.20 1.27 0.00
ASHOKAN____ 23654	18.77 0.44 -7.46	18.76 0.06 -16.90	14.73 0.21 -8.37	14.57 0.24 -7.01	15.29 0.49 -1.70	17.60 0.72 -0.62	29.33 0.50 -16.99	23.23 0.96 -2.09	22.92 0.37 -12.17	20.18 0.56 0.00	19.33 0.44 0.00	18.92 0.51 0.00	18.11 0.55 0.00	21.17 0.18 -13.89	22.66 0.06 -20.17	23.05 0.06 -20.62	26.61 0.05 -24.79	38.90 0.22 -32.80	42.77 -0.11 -46.23	33.07 0.36 -23.14	26.15 1.15 0.00	28.85 0.62 -10.61	24.39 0.85 0.00	19.59 0.66 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.15 0.68 -6.59	16.84 0.11 -14.93	13.85 0.31 -7.39	13.89 0.37 -6.20	15.26 0.67 -1.50	17.73 0.91 -0.55	27.50 0.65 -15.01	23.33 1.30 -1.85	21.91 0.76 -10.77	21.03 1.42 0.00	20.27 1.38 0.00	19.85 1.45 0.00	19.08 1.52 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.33 0.48 -29.97	38.60 -0.25 -42.19	31.40 0.71 -21.12	26.86 1.87 0.00	28.57 1.26 -9.68	25.14 1.59 0.00	20.15 1.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.15 0.68 -6.59	16.84 0.11 -14.93	13.85 0.31 -7.39	13.89 0.37 -6.20	15.26 0.67 -1.50	17.73 0.91 -0.55	27.50 0.65 -15.01	23.33 1.30 -1.85	21.91 0.76 -10.77	21.03 1.42 0.00	20.27 1.38 0.00	19.85 1.45 0.00	19.08 1.52 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.33 0.48 -29.97	38.60 -0.25 -42.19	31.40 0.71 -21.12	26.86 1.87 0.00	28.57 1.26 -9.68	25.14 1.59 0.00	20.15 1.22 0.00
ASTORIA_GT2_1 24094	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT2_2 24095	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT2_3 24096	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT2_4 24097	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT3_1 24098	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT3_2 24099	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT3_3 24100	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT3_4 24101	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT4_1 24102	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT4_2 24103	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT4_3 24104	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT4_4 24105	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA_GT_1 23523	18.17 0.71 -6.59	16.85 0.11 -14.93	13.86 0.32 -7.39	13.90 0.39 -6.20	15.29 0.69 -1.50	17.76 0.94 -0.55	27.53 0.67 -15.01	23.38 1.35 -1.85	21.94 0.79 -10.77	21.08 1.47 0.00	20.32 1.43 0.00	19.90 1.49 0.00	19.12 1.56 0.00	20.41 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.93 1.94 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.20 1.27 0.00

ASTORIA_GT_10 24110	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
ASTORIA_GT_11 24225	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
ASTORIA_GT_12 24226	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
ASTORIA_GT_13 24227	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
ASTORIA_GT_5 24106	18.17 0.71 -6.59	16.85 0.11 -14.93	13.86 0.32 -7.39	13.90 0.39 -6.20	15.29 0.69 -1.50	17.76 0.94 -0.55	27.53 0.67 -15.01	23.38 1.35 -1.85	21.94 0.79 -10.77	21.08 1.47 0.00	20.32 1.43 0.00	19.90 1.49 0.00	19.12 1.56 0.00	20.41 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.93 1.94 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.20 1.27 0.00
ASTORIA_GT_7 24107	18.17 0.71 -6.59	16.85 0.11 -14.93	13.86 0.32 -7.39	13.90 0.39 -6.20	15.29 0.69 -1.50	17.76 0.94 -0.55	27.53 0.67 -15.01	23.38 1.35 -1.85	21.94 0.79 -10.77	21.08 1.47 0.00	20.32 1.43 0.00	19.90 1.49 0.00	19.12 1.56 0.00	20.41 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.93 1.94 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.20 1.27 0.00
ASTORIA_GT_8 24108	18.17 0.71 -6.59	16.85 0.11 -14.93	13.86 0.32 -7.39	13.90 0.39 -6.20	15.29 0.69 -1.50	17.76 0.94 -0.55	27.53 0.67 -15.01	23.38 1.35 -1.85	21.94 0.79 -10.77	21.08 1.47 0.00	20.32 1.43 0.00	19.90 1.49 0.00	19.12 1.56 0.00	20.41 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.93 1.94 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.20 1.27 0.00
ASTORIA___2 24149	18.16 0.69 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.73 0.91 -0.55	27.51 0.65 -15.01	23.34 1.31 -1.85	21.92 0.77 -10.77	21.04 1.43 0.00	20.29 1.39 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.88 1.88 0.00	28.57 1.26 -9.68	25.15 1.60 0.00	20.17 1.23 0.00
ASTORIA___3 23516	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
ASTORIA___4 23517	18.26 0.72 -6.67	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.40 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.44 0.69 -14.91	23.37 1.34 -1.85	21.92 0.79 -10.76	21.07 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.96 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
ASTORIA___5 23518	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
AST_ENERGY_2_CC3 323677	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.72 0.91 -0.55	27.51 0.66 -15.01	23.28 1.25 -1.85	21.89 0.75 -10.77	20.99 1.38 0.00	20.30 1.41 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.33 0.48 -29.97	38.59 -0.25 -42.19	31.41 0.72 -21.12	26.86 1.87 0.00	28.54 1.23 -9.68	25.11 1.56 0.00	20.09 1.16 0.00
AST_ENERGY_2_CC4 323678	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.72 0.91 -0.55	27.51 0.66 -15.01	23.28 1.25 -1.85	21.89 0.75 -10.77	20.99 1.38 0.00	20.30 1.41 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.33 0.48 -29.97	38.59 -0.25 -42.19	31.41 0.72 -21.12	26.86 1.87 0.00	28.54 1.23 -9.68	25.11 1.56 0.00	20.09 1.16 0.00
ATHENS_STG_1 23668	18.92 0.36 -7.69	19.27 0.06 -17.41	14.95 0.19 -8.62	14.77 0.22 -7.23	15.23 0.38 -1.75	17.38 0.47 -0.64	29.70 0.35 -17.50	22.99 0.65 -2.16	23.30 0.35 -12.58	20.19 0.58 0.00	19.47 0.57 0.00	19.02 0.61 0.00	18.19 0.63 0.00	21.66 0.26 -14.30	23.28 0.09 -20.76	23.69 0.09 -21.24	27.37 0.07 -25.54	39.82 0.21 -33.71	43.97 -0.12 -47.43	33.66 0.34 -23.74	25.86 0.87 0.00	29.11 0.60 -10.88	24.29 0.74 0.00	19.49 0.56 0.00
ATHENS_STG_2 23670	18.92 0.36 -7.69	19.27 0.06 -17.41	14.95 0.19 -8.62	14.77 0.22 -7.23	15.23 0.38 -1.75	17.38 0.47 -0.64	29.70 0.35 -17.50	22.99 0.65 -2.16	23.30 0.35 -12.58	20.19 0.58 0.00	19.47 0.57 0.00	19.02 0.61 0.00	18.19 0.63 0.00	21.66 0.26 -14.30	23.28 0.09 -20.76	23.69 0.09 -21.24	27.37 0.07 -25.54	39.82 0.21 -33.71	43.97 -0.12 -47.43	33.66 0.34 -23.74	25.86 0.87 0.00	29.11 0.60 -10.88	24.29 0.74 0.00	19.49 0.56 0.00

ATHENS_STG_3 23677	18.92 0.36 -7.69	19.27 0.06 -17.41	14.95 0.19 -8.62	14.77 0.22 -7.23	15.23 0.38 -1.75	17.38 0.47 -0.64	29.70 0.35 -17.50	22.99 0.65 -2.16	23.30 0.35 -12.58	20.19 0.58 0.00	19.47 0.57 0.00	19.02 0.61 0.00	18.19 0.63 0.00	21.66 0.26 -14.30	23.28 0.09 -20.76	23.69 0.09 -21.24	27.37 0.07 -25.54	39.82 0.21 -33.71	43.97 -0.12 -47.43	33.66 0.34 -23.74	25.86 0.87 0.00	29.11 0.60 -10.88	24.29 0.74 0.00	19.49 0.56 0.00
AUBURN___LFGE 323710	13.41 -0.04 -2.58	3.84 -0.01 -2.04	7.11 -0.05 -1.01	8.11 -0.06 -0.85	13.26 -0.04 -0.20	16.37 0.03 -0.08	13.98 0.11 -2.02	20.61 0.18 -0.25	11.94 0.08 -1.49	19.74 0.13 0.00	18.96 0.07 0.00	18.40 -0.01 0.00	17.48 -0.08 0.00	8.66 -0.02 -1.59	4.76 0.02 -2.31	4.74 0.01 -2.37	4.63 0.01 -2.84	9.72 0.07 -3.76	1.91 -0.05 -5.31	12.38 0.15 -2.66	25.42 0.43 0.00	19.01 0.17 -1.22	23.66 0.11 0.00	18.99 0.06 0.00
BABYLON_RES_REC 323704	18.39 0.93 -6.59	17.45 0.15 -15.49	13.99 0.45 -7.40	14.05 0.53 -6.20	15.59 0.99 -1.50	20.91 1.34 -3.30	28.43 0.99 -15.59	56.17 1.86 -34.13	23.53 1.00 -12.16	21.41 1.76 -0.04	20.56 1.67 0.00	20.04 1.63 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.13 0.94 -36.61	33.34 2.45 -5.90	40.14 1.67 -20.84	29.43 2.22 -3.66	20.52 1.59 0.00
BABYLON__69_KV_BK2 356345	18.57 1.03 -6.67	17.47 0.17 -15.49	14.05 0.51 -7.40	14.12 0.60 -6.20	15.70 1.11 -1.50	21.05 1.48 -3.31	28.43 1.09 -15.49	56.34 2.03 -34.13	23.61 1.09 -12.15	21.58 1.92 -0.04	20.71 1.82 0.00	20.18 1.78 0.00	19.30 1.74 0.00	20.97 0.71 -13.17	47.34 0.27 -44.64	48.55 0.27 -45.91	30.92 0.20 -28.95	38.96 0.64 -32.43	42.20 -0.35 -45.90	47.22 1.03 -36.61	33.59 2.70 -5.90	40.32 1.85 -20.84	29.65 2.44 -3.66	20.70 1.76 0.00
BARON_WINDS___WT_PWR 323822	13.40 -0.06 -2.59	5.07 -0.03 -3.29	7.71 -0.06 -1.63	8.65 -0.04 -1.37	13.35 -0.08 -0.33	16.30 -0.09 -0.12	15.19 0.04 -3.31	20.60 0.01 -0.42	12.84 0.04 -2.43	19.63 0.02 0.00	19.03 0.14 0.00	18.41 0.01 0.00	17.62 0.06 0.00	9.72 0.01 -2.62	6.24 0.00 -3.80	6.25 0.00 -3.89	6.44 0.00 -4.67	12.06 0.04 -6.13	5.17 -0.03 -8.55	13.88 0.02 -4.28	25.11 0.12 0.00	19.53 -0.05 -1.96	23.30 -0.25 0.00	18.69 -0.24 0.00
BARRETT_IC_1 23704	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_10 23701	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_11 23702	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_12 23703	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_2 23705	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_3 23706	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_4 23707	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_5 23708	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_6 23709	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_7 23710	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00

BARRETT_IC_8 23711	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT_IC_9 23700	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT___1 23545	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BARRETT___2 23546	18.27 0.80 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.47 -6.20	15.46 0.85 -1.50	20.74 1.13 -3.34	28.26 0.82 -15.59	55.82 1.50 -34.13	23.38 0.85 -12.16	21.22 1.57 -0.04	20.48 1.59 0.00	20.01 1.60 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.31 0.23 -44.64	48.50 0.23 -45.91	30.88 0.16 -28.95	38.84 0.53 -32.43	42.28 -0.27 -45.90	46.97 0.78 -36.61	32.94 2.04 -5.90	39.85 1.38 -20.84	29.03 1.83 -3.66	20.25 1.32 0.00
BATAVIA___115KV_TB1 55881	10.44 -0.37 0.06	3.92 -0.07 -2.18	7.04 -0.18 -1.08	8.05 -0.18 -0.91	13.01 -0.31 -0.22	15.95 -0.40 -0.08	13.90 -0.14 -2.19	20.25 -0.21 -0.27	12.07 0.27 -1.43	19.48 -0.13 0.00	18.28 -0.61 0.00	17.65 -0.75 0.00	16.91 -0.65 0.00	8.53 -0.26 -1.70	4.81 -0.08 -2.46	4.81 -0.08 -2.52	4.75 -0.05 -3.03	9.70 -0.16 -3.98	2.23 0.02 -5.55	12.00 -0.35 -2.78	24.17 -0.82 0.00	18.33 -0.57 -1.27	22.49 -1.07 0.00	18.05 -0.88 0.00
BAYONEEC___CTG1 323682	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG10 323750	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG2 323683	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG3 323684	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG4 323685	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG5 323686	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG6 323687	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG7 323688	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG8 323689	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00
BAYONEEC___CTG9 323749	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.68 -1.50	17.73 0.92 -0.55	27.52 0.67 -15.01	23.30 1.27 -1.85	21.90 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.87 1.46 0.00	19.07 1.51 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.90 1.90 0.00	28.57 1.26 -9.68	25.13 1.58 0.00	20.11 1.17 0.00

BEACON___LESR 323632	19.74 0.28 -8.59	21.30 0.04 -19.45	15.97 0.18 -9.64	15.57 0.18 -8.08	15.40 0.34 -1.96	17.37 0.38 -0.72	31.75 0.35 -19.56	23.17 0.58 -2.42	24.67 0.24 -14.07	19.93 0.32 0.00	19.16 0.27 0.00	18.76 0.35 0.00	17.94 0.38 0.00	23.11 0.16 -15.86	25.49 0.05 -23.00	25.88 0.05 -23.45	29.99 0.04 -28.18	43.45 0.18 -37.38	49.14 -0.10 -52.59	36.22 0.32 -26.32	25.71 0.71 -0.01	30.16 0.46 -12.07	24.14 0.59 0.00	19.31 0.38 0.00
BEAVER RIVER___HYD 24048	10.94 -0.22 -0.29	2.41 -0.06 -0.66	6.27 -0.20 -0.33	7.33 -0.27 -0.28	12.76 -0.40 -0.07	15.96 -0.33 -0.02	12.32 -0.19 -0.67	19.83 -0.43 -0.08	10.53 -0.33 -0.48	18.95 -0.66 0.00	18.19 -0.70 0.00	17.59 -0.82 0.00	16.69 -0.87 0.00	7.26 -0.36 -0.52	3.07 -0.12 -0.76	3.02 -0.13 -0.78	2.62 -0.09 -0.94	6.83 -0.29 -1.23	-1.46 0.16 -1.73	10.23 -0.21 -0.86	24.68 -0.32 0.00	17.81 -0.21 -0.40	23.27 -0.28 0.00	18.65 -0.29 0.00
BEEBEE_GT_13 23619	10.08 -0.46 0.33	3.69 -0.08 -1.96	6.87 -0.24 -0.97	7.87 -0.26 -0.82	12.83 -0.46 -0.20	15.79 -0.55 -0.07	13.51 -0.30 -1.97	19.87 -0.56 -0.25	11.54 -0.26 -1.43	19.05 -0.56 0.00	18.44 -0.45 0.00	17.87 -0.54 0.00	17.11 -0.45 0.00	8.46 -0.18 -1.55	4.64 -0.05 -2.26	4.63 -0.05 -2.31	4.51 -0.03 -2.78	9.40 -0.13 -3.64	1.76 0.02 -5.08	11.88 -0.24 -2.55	24.36 -0.63 0.00	18.33 -0.46 -1.17	22.71 -0.83 0.00	18.24 -0.69 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.34 0.80 -6.67	16.86 0.12 -14.93	13.91 0.37 -7.39	13.96 0.44 -6.20	15.39 0.79 -1.50	17.88 1.07 -0.55	27.53 0.78 -14.91	23.52 1.49 -1.85	22.02 0.88 -10.76	21.25 1.63 0.00	20.52 1.64 0.00	20.10 1.69 0.00	19.30 1.74 0.00	20.49 0.69 -12.71	21.13 0.25 -18.45	21.55 0.25 -18.93	24.73 0.18 -22.79	36.43 0.57 -29.97	38.55 -0.30 -42.19	31.55 0.86 -21.12	27.23 2.24 0.00	28.81 1.50 -9.68	25.43 1.88 0.00	20.34 1.41 0.00
BETHLEHEM___GRP 23843	19.65 0.11 -8.67	21.30 0.02 -19.48	15.89 0.10 -9.65	15.50 0.09 -8.09	15.21 0.15 -1.96	17.13 0.15 -0.72	31.66 0.12 -19.69	22.82 0.22 -2.42	24.43 0.09 -13.96	19.68 0.07 0.00	18.94 0.05 0.00	18.53 0.12 0.00	17.71 0.16 0.00	23.04 0.07 -15.87	25.48 0.02 -23.03	25.87 0.02 -23.48	30.00 0.02 -28.21	43.37 0.07 -37.42	49.25 -0.04 -52.64	36.04 0.12 -26.35	25.29 0.29 -0.01	29.91 0.20 -12.08	23.75 0.20 0.00	19.06 0.13 0.00
BETHLEHEM___GS1 323560	19.58 0.11 -8.60	21.30 0.02 -19.48	15.89 0.10 -9.65	15.50 0.09 -8.09	15.21 0.15 -1.96	17.13 0.15 -0.72	31.55 0.12 -19.59	22.82 0.22 -2.42	24.55 0.09 -14.08	19.69 0.07 0.00	18.94 0.05 0.00	18.53 0.12 0.00	17.71 0.16 0.00	23.04 0.07 -15.87	25.48 0.02 -23.03	25.87 0.02 -23.48	30.00 0.02 -28.21	43.37 0.07 -37.42	49.25 -0.04 -52.64	36.04 0.12 -26.35	25.29 0.29 -0.01	29.91 0.20 -12.08	23.75 0.20 0.00	19.06 0.13 0.00
BETHLEHEM___GS2 323561	19.58 0.11 -8.60	21.30 0.02 -19.48	15.89 0.10 -9.65	15.50 0.09 -8.09	15.21 0.15 -1.96	17.13 0.15 -0.72	31.55 0.12 -19.59	22.82 0.22 -2.42	24.55 0.09 -14.08	19.69 0.07 0.00	18.94 0.05 0.00	18.53 0.12 0.00	17.71 0.16 0.00	23.04 0.07 -15.87	25.48 0.02 -23.03	25.87 0.02 -23.48	30.00 0.02 -28.21	43.37 0.07 -37.42	49.25 -0.04 -52.64	36.04 0.12 -26.35	25.29 0.29 -0.01	29.91 0.20 -12.08	23.75 0.20 0.00	19.06 0.13 0.00
BETHLEHEM___GS3 323562	19.58 0.11 -8.60	21.30 0.02 -19.48	15.89 0.10 -9.65	15.50 0.09 -8.09	15.21 0.15 -1.96	17.13 0.15 -0.72	31.55 0.12 -19.59	22.82 0.22 -2.42	24.55 0.09 -14.08	19.69 0.07 0.00	18.94 0.05 0.00	18.53 0.12 0.00	17.71 0.16 0.00	23.04 0.07 -15.87	25.48 0.02 -23.03	25.87 0.02 -23.48	30.00 0.02 -28.21	43.37 0.07 -37.42	49.25 -0.04 -52.64	36.04 0.12 -26.35	25.29 0.29 -0.01	29.91 0.20 -12.08	23.75 0.20 0.00	19.06 0.13 0.00
BETHLEHEM___STEEL 23779	10.76 -0.51 -0.40	4.27 -0.10 -2.56	7.16 -0.25 -1.27	8.12 -0.27 -1.07	12.89 -0.47 -0.26	15.72 -0.64 -0.09	14.07 -0.35 -2.57	19.87 -0.64 -0.32	11.98 -0.30 -1.90	19.04 -0.57 0.00	18.56 -0.33 0.00	17.97 -0.43 0.00	17.25 -0.31 0.00	8.98 -0.14 -2.03	5.34 -0.04 -2.95	5.34 -0.04 -3.01	5.37 -0.03 -3.62	10.55 -0.09 -4.75	3.27 -0.01 -6.63	12.58 -0.31 -3.32	24.22 -0.77 0.00	18.59 -0.56 -1.52	22.56 -0.99 0.00	18.16 -0.77 0.00
BETHLHEM_115KV_TB1 79974	19.68 0.14 -8.66	21.30 0.02 -19.47	15.90 0.11 -9.64	15.52 0.11 -8.08	15.24 0.19 -1.96	17.18 0.20 -0.72	31.68 0.16 -19.68	22.88 0.28 -2.42	24.46 0.13 -13.96	19.76 0.14 0.00	19.01 0.12 0.00	18.60 0.20 0.00	17.78 0.22 0.00	23.05 0.10 -15.86	25.48 0.03 -23.02	25.87 0.03 -23.47	30.00 0.02 -28.20	43.37 0.08 -37.39	49.21 -0.06 -52.61	36.06 0.15 -26.34	25.37 0.37 -0.01	29.96 0.25 -12.07	23.83 0.28 0.00	19.13 0.19 0.00
BETHPAGE_CC_5 323564	18.37 0.90 -6.59	17.45 0.15 -15.49	13.98 0.44 -7.40	14.03 0.52 -6.20	15.55 0.95 -1.50	20.81 1.28 -3.27	28.38 0.95 -15.59	56.08 1.77 -34.13	23.49 0.96 -12.16	21.37 1.72 -0.04	20.56 1.67 0.00	20.06 1.66 0.00	19.20 1.64 0.00	20.93 0.67 -13.17	47.32 0.25 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.87 0.55 -32.43	42.25 -0.30 -45.90	47.05 0.86 -36.61	33.15 2.27 -5.90	40.01 1.54 -20.84	29.34 2.13 -3.66	20.46 1.53 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.92 -0.43 -0.48	4.34 -0.08 -2.61	7.22 -0.21 -1.29	8.19 -0.22 -1.09	12.99 -0.37 -0.26	15.85 -0.52 -0.10	14.22 -0.25 -2.62	20.10 -0.42 -0.33	12.13 -0.20 -1.95	19.24 -0.38 0.00	18.75 -0.14 0.00	18.15 -0.26 0.00	17.42 -0.14 0.00	9.09 -0.08 -2.08	5.43 -0.02 -3.02	5.43 -0.02 -3.09	5.47 -0.01 -3.71	10.72 -0.04 -4.87	3.40 -0.04 -6.78	12.74 -0.22 -3.40	24.46 -0.54 0.00	18.77 -0.41 -1.56	22.77 -0.78 0.00	18.32 -0.61 0.00
BINGHAMTON___COGEN 23790	13.45 0.09 -2.48	6.44 0.00 -4.63	8.44 0.01 -2.29	9.27 0.03 -1.92	13.61 0.04 -0.47	16.53 0.10 -0.17	16.50 0.15 -4.51	21.00 0.22 -0.60	13.97 0.14 -3.46	19.80 0.19 0.00	19.11 0.22 0.00	18.57 0.17 0.00	17.74 0.18 0.00	10.92 0.07 -3.76	7.91 0.03 -5.45	7.97 0.03 -5.57	8.49 0.02 -6.70	14.70 0.10 -8.72	8.63 -0.04 -12.01	15.73 0.14 -6.01	25.39 0.39 0.00	20.56 0.18 -2.76	23.67 0.12 0.00	19.00 0.07 0.00
BIXINCNT_115KV_LOAD 355685	11.58 -0.15 -0.86	4.52 -0.04 -2.75	7.40 -0.10 -1.36	8.39 -0.07 -1.14	13.28 -0.09 -0.28	16.23 -0.14 -0.10	14.65 0.05 -2.76	20.79 0.26 -0.36	12.54 0.09 -2.08	19.78 0.16 0.00	19.26 0.37 0.00	18.63 0.22 0.00	17.83 0.27 0.00	9.38 0.08 -2.21	5.68 0.03 -3.22	5.68 0.02 -3.29	5.74 0.02 -3.96	11.13 0.06 -5.18	3.80 -0.08 -7.23	13.16 -0.03 -3.62	24.99 0.00 0.00	19.20 -0.09 -1.66	23.25 -0.30 0.00	18.73 -0.20 0.00
BLACK RIVER___HYD 24047	11.05 -0.23 -0.40	2.66 -0.07 -0.91	6.37 -0.23 -0.45	7.41 -0.29 -0.38	12.77 -0.42 -0.09	15.99 -0.31 -0.03	12.61 -0.16 -0.92	19.85 -0.44 -0.11	10.66 -0.38 -0.67	18.80 -0.82 0.00	18.04 -0.85 0.00	17.41 -1.00 0.00	16.53 -1.02 0.00	7.39 -0.42 -0.72	3.34 -0.14 -1.05	3.29 -0.15 -1.07	2.96 -0.10 -1.29	7.24 -0.35 -1.70	-0.78 0.18 -2.38	10.55 -0.22 -1.19	24.75 -0.25 0.00	18.01 -0.17 -0.55	23.29 -0.26 0.00	18.62 -0.32 0.00

BLACKRVR_115KV_TB2 79977	11.12 -0.23 -0.48	2.66 -0.07 -0.91	6.37 -0.23 -0.45	7.41 -0.29 -0.38	12.77 -0.42 -0.09	15.98 -0.32 -0.03	12.60 -0.16 -0.92	19.85 -0.44 -0.11	10.67 -0.38 -0.67	18.80 -0.82 0.00	18.03 -0.86 0.00	17.41 -0.99 0.00	16.53 -1.02 0.00	7.39 -0.42 -0.72	3.34 -0.14 -1.05	3.30 -0.15 -1.07	2.96 -0.10 -1.29	7.24 -0.34 -1.70	-0.78 0.18 -2.38	10.55 -0.22 -1.19	24.74 -0.25 0.00	18.01 -0.17 -0.55	23.29 -0.26 0.00	18.62 -0.31 0.00
BLISS_WT_PWR 323608	11.60 -0.14 -0.86	4.52 -0.04 -2.75	7.41 -0.10 -1.36	8.40 -0.06 -1.14	13.30 -0.08 -0.28	16.25 -0.12 -0.10	14.68 0.07 -2.77	20.85 0.32 -0.36	12.55 0.11 -2.07	19.82 0.20 0.00	19.29 0.40 0.00	18.66 0.25 0.00	17.84 0.28 0.00	9.39 0.08 -2.21	5.68 0.03 -3.22	5.68 0.02 -3.29	5.74 0.02 -3.95	11.14 0.06 -5.18	3.80 -0.08 -7.23	13.18 -0.02 -3.62	25.05 0.06 0.00	19.22 -0.06 -1.66	23.27 -0.28 0.00	18.75 -0.18 0.00
BLUE_CIRC_CHEM_DRP 24182	19.61 0.25 -8.49	20.92 0.04 -19.07	15.76 0.17 -9.45	15.43 0.19 -7.92	15.35 0.33 -1.92	17.35 0.39 -0.70	31.39 0.29 -19.25	23.05 0.50 -2.37	24.28 0.21 -13.69	19.93 0.31 0.00	19.19 0.29 0.00	18.75 0.35 0.00	17.92 0.36 0.00	22.80 0.16 -15.56	25.06 0.05 -22.57	25.45 0.05 -23.03	29.49 0.04 -27.68	42.70 0.14 -36.68	48.18 -0.08 -51.61	35.65 0.24 -25.83	25.62 0.62 -0.01	29.90 0.43 -11.84	24.07 0.52 0.00	19.34 0.40 0.00
BOC_GAS_DRP 24189	19.75 0.24 -8.64	21.26 0.04 -19.41	15.90 0.14 -9.62	15.54 0.16 -8.06	15.33 0.28 -1.95	17.31 0.33 -0.72	31.69 0.25 -19.59	23.04 0.45 -2.41	24.56 0.22 -13.97	19.95 0.34 0.00	19.21 0.33 0.00	18.78 0.37 0.00	17.96 0.40 0.00	23.07 0.16 -15.81	25.43 0.06 -22.94	25.84 0.05 -23.41	29.95 0.04 -28.14	43.30 0.14 -37.27	49.01 -0.08 -52.44	36.05 0.22 -26.25	25.57 0.57 -0.01	30.06 0.40 -12.03	24.03 0.48 0.00	19.29 0.36 0.00
BOONVILLE_115KV_TB1 79983	11.23 0.04 -0.32	2.38 -0.01 -0.58	6.41 -0.02 -0.29	7.52 -0.04 -0.24	13.11 -0.04 -0.06	16.32 0.03 -0.02	12.51 0.09 -0.58	20.31 0.06 -0.07	10.79 -0.01 -0.43	19.55 -0.06 0.00	18.82 -0.07 0.00	18.28 -0.13 0.00	17.39 -0.17 0.00	7.47 -0.07 -0.46	3.07 -0.03 -0.66	3.01 -0.03 -0.68	2.57 -0.02 -0.82	6.91 -0.06 -1.08	-1.81 0.02 -1.51	10.38 0.05 -0.76	25.23 0.24 0.00	18.13 0.16 -0.35	23.72 0.17 0.00	19.02 0.09 0.00
BORALEX_4TH_BRANCH 23824	19.92 0.45 -8.60	21.36 0.07 -19.47	16.06 0.27 -9.65	15.73 0.33 -8.09	15.63 0.58 -1.96	17.65 0.67 -0.72	31.93 0.50 -19.58	23.37 0.77 -2.42	24.79 0.34 -14.08	20.05 0.44 0.00	19.20 0.31 0.00	18.78 0.38 0.00	17.96 0.40 0.00	23.17 0.18 -15.90	25.53 0.05 -23.05	25.84 0.05 -23.42	29.92 0.04 -28.12	43.50 0.13 -37.47	49.29 -0.09 -52.72	36.25 0.28 -26.39	25.68 0.68 -0.01	30.31 0.59 -12.10	24.33 0.78 0.00	19.58 0.65 0.00
BOWLINE___1 23526	17.81 0.61 -6.32	16.22 0.09 -14.32	13.51 0.27 -7.09	13.60 0.33 -5.94	15.13 0.60 -1.44	17.59 0.80 -0.53	26.85 0.61 -14.39	23.09 1.14 -1.78	21.36 0.66 -10.33	20.80 1.18 0.00	20.07 1.19 0.00	19.63 1.22 0.00	18.84 1.28 0.00	19.91 0.52 -12.30	20.48 0.19 -17.86	20.88 0.19 -18.32	23.96 0.14 -22.06	35.34 0.44 -29.01	37.26 -0.24 -40.85	30.70 0.67 -20.45	26.72 1.72 0.00	28.15 1.14 -9.37	24.97 1.42 0.00	19.98 1.05 0.00
BOWLINE___2 23595	17.81 0.61 -6.32	16.22 0.09 -14.32	13.51 0.27 -7.09	13.60 0.33 -5.94	15.13 0.60 -1.44	17.59 0.80 -0.53	26.85 0.61 -14.40	23.09 1.14 -1.78	21.36 0.66 -10.33	20.80 1.18 0.00	20.07 1.19 0.00	19.63 1.23 0.00	18.84 1.28 0.00	19.91 0.52 -12.30	20.49 0.19 -17.86	20.88 0.19 -18.32	23.96 0.14 -22.06	35.34 0.44 -29.01	37.27 -0.24 -40.85	30.70 0.67 -20.45	26.73 1.73 0.00	28.15 1.14 -9.38	24.97 1.42 0.00	19.98 1.05 0.00
BRADY___115KV_TB2 356060	10.84 -0.12 -0.09	1.96 -0.01 -0.17	6.19 -0.04 -0.08	7.34 -0.05 -0.07	13.06 -0.06 -0.02	16.18 -0.09 -0.01	11.90 -0.09 -0.15	20.02 -0.18 -0.02	10.35 -0.14 -0.12	19.47 -0.15 0.00	18.70 -0.19 0.00	18.20 -0.21 0.00	17.33 -0.23 0.00	7.13 -0.10 -0.14	2.59 -0.05 -0.20	2.53 -0.04 -0.21	1.98 -0.03 -0.25	6.12 -0.10 -0.33	-2.82 0.07 -0.46	9.69 -0.11 -0.23	24.76 -0.23 0.00	17.63 -0.11 -0.10	23.48 -0.07 0.00	18.93 0.00 0.00
BRANSCOMB___SOLAR 323811	20.21 0.39 -8.95	22.13 0.06 -20.26	16.41 0.23 -10.04	16.01 0.28 -8.41	15.63 0.50 -2.04	17.68 0.67 -0.75	32.74 0.52 -20.38	23.52 0.82 -2.52	25.38 0.36 -14.65	20.13 0.52 0.00	19.33 0.44 0.00	18.89 0.48 0.00	17.98 0.43 0.00	23.74 0.17 -16.48	26.39 0.05 -23.91	26.79 0.05 -24.37	31.08 0.04 -29.27	44.92 0.19 -38.85	51.18 -0.11 -54.64	37.29 0.36 -27.35	25.90 0.90 -0.01	30.81 0.64 -12.54	24.46 0.91 0.00	19.65 0.72 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.52 0.98 -6.67	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.57 -6.20	15.66 1.06 -1.50	21.03 1.42 -3.34	28.38 1.04 -15.49	56.27 1.96 -34.13	23.57 1.04 -12.15	21.50 1.85 -0.04	20.63 1.73 0.00	20.10 1.70 0.00	19.21 1.65 0.00	20.94 0.68 -13.17	47.33 0.26 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.13 0.94 -36.61	33.36 2.47 -5.90	40.19 1.72 -20.84	29.51 2.30 -3.66	20.59 1.66 0.00
BRISTLHL_115KV_TB1 79998	11.26 -0.35 -0.74	3.16 -0.06 -1.42	6.63 -0.22 -0.70	7.67 -0.25 -0.59	12.80 -0.44 -0.14	15.82 -0.50 -0.05	12.97 -0.31 -1.43	19.81 -0.55 -0.18	11.13 -0.28 -1.04	19.02 -0.60 0.00	18.35 -0.54 0.00	17.86 -0.55 0.00	17.06 -0.50 0.00	8.01 -0.20 -1.12	3.99 -0.07 -1.63	3.97 -0.07 -1.67	3.72 -0.05 -2.00	8.37 -0.15 -2.64	0.42 0.07 -3.69	11.19 -0.23 -1.85	24.42 -0.57 0.00	18.04 -0.44 -0.85	22.84 -0.71 0.00	18.32 -0.61 0.00
BROOKHAVEN___DRP 24191	18.47 0.93 -6.67	17.46 0.15 -15.49	14.02 0.48 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	20.99 1.38 -3.35	28.32 0.99 -15.49	56.17 1.85 -34.13	23.50 0.98 -12.15	21.35 1.70 -0.04	20.47 1.58 0.00	19.94 1.53 0.00	19.03 1.47 0.00	20.86 0.60 -13.17	47.31 0.23 -44.64	48.52 0.24 -45.91	30.90 0.18 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.15 0.96 -36.61	33.40 2.51 -5.90	40.16 1.69 -20.84	29.45 2.25 -3.66	20.53 1.60 0.00
BROOKLYN_NAVY_YARD 23515	18.15 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.72 0.91 -0.55	27.52 0.66 -15.01	23.30 1.27 -1.85	21.90 0.75 -10.77	21.00 1.39 0.00	20.28 1.39 0.01	19.83 1.43 0.01	19.05 1.49 0.00	20.39 0.60 -12.70	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.88 1.89 0.00	28.56 1.25 -9.68	25.14 1.59 0.00	20.11 1.18 0.00
BROOKLYN___ARMY_DRP 323595	18.29 0.75 -6.67	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.33 0.74 -1.50	17.81 0.99 -0.55	27.48 0.73 -14.91	23.42 1.39 -1.85	21.96 0.82 -10.76	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.64 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.08 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00

BROOKVLE_69_KV_TB1 55790	18.39 0.85 -6.67	17.44 0.13 -15.49	13.95 0.41 -7.40	14.00 0.49 -6.20	15.49 0.89 -1.50	20.47 1.19 -3.02	28.22 0.88 -15.49	55.97 1.66 -34.13	23.45 0.93 -12.15	21.34 1.69 -0.04	20.57 1.68 0.00	20.09 1.69 0.00	19.26 1.70 0.00	20.96 0.69 -13.17	47.33 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.11 0.92 -36.61	33.26 2.37 -5.90	40.05 1.58 -20.84	29.23 2.03 -3.66	20.41 1.48 0.00
BROOME_2_LFGE 323671	13.44 0.09 -2.48	6.44 0.00 -4.63	8.44 0.01 -2.29	9.27 0.03 -1.92	13.61 0.04 -0.47	16.53 0.10 -0.17	16.66 0.15 -4.66	21.00 0.23 -0.60	13.99 0.14 -3.48	19.80 0.19 0.00	19.11 0.22 0.00	18.57 0.17 0.00	17.74 0.18 0.00	10.92 0.07 -3.76	7.91 0.03 -5.45	7.96 0.03 -5.57	8.48 0.02 -6.69	14.70 0.10 -8.72	8.62 -0.04 -12.01	15.72 0.14 -6.01	25.39 0.40 0.00	20.56 0.18 -2.76	23.68 0.12 0.00	19.00 0.07 0.00
BROOME__LFGE 323600	13.44 0.09 -2.48	6.44 0.00 -4.63	8.44 0.01 -2.29	9.27 0.03 -1.92	13.61 0.04 -0.47	16.53 0.10 -0.17	16.66 0.15 -4.66	21.00 0.23 -0.60	13.99 0.14 -3.48	19.80 0.19 0.00	19.11 0.22 0.00	18.57 0.17 0.00	17.74 0.18 0.00	10.92 0.07 -3.76	7.91 0.03 -5.45	7.96 0.03 -5.57	8.48 0.02 -6.69	14.70 0.10 -8.72	8.62 -0.04 -12.01	15.72 0.14 -6.01	25.39 0.40 0.00	20.56 0.18 -2.76	23.68 0.12 0.00	19.00 0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	10.70 -0.42 -0.25	2.20 -0.08 -0.46	6.11 -0.27 -0.23	7.18 -0.33 -0.20	12.61 -0.54 -0.05	15.72 -0.56 -0.02	11.91 -0.40 -0.46	19.52 -0.72 -0.06	10.26 -0.45 -0.34	18.79 -0.82 0.00	18.01 -0.88 0.00	17.45 -0.96 0.00	16.57 -0.98 0.00	7.06 -0.41 -0.37	2.83 -0.14 -0.54	2.78 -0.14 -0.55	2.33 -0.10 -0.66	6.43 -0.33 -0.87	-1.93 0.19 -1.23	9.83 -0.36 -0.61	24.22 -0.77 0.00	17.40 -0.51 -0.28	22.90 -0.65 0.00	18.40 -0.54 0.00
BROWNSV1_27_KV_LOAD 356125	18.33 0.79 -6.66	16.85 0.12 -14.92	13.90 0.36 -7.39	13.95 0.44 -6.20	15.38 0.79 -1.50	17.87 1.05 -0.55	27.54 0.78 -14.91	23.51 1.48 -1.85	22.00 0.87 -10.76	21.22 1.61 0.00	20.51 1.62 0.00	20.05 1.65 0.00	19.25 1.69 0.00	20.48 0.68 -12.71	21.13 0.24 -18.45	21.54 0.24 -18.93	24.73 0.17 -22.79	36.41 0.55 -29.97	38.55 -0.30 -42.19	31.54 0.85 -21.12	27.20 2.21 0.00	28.77 1.46 -9.68	25.39 1.84 0.00	20.30 1.36 0.00
BURROWS__LYONSDAL 23803	11.18 -0.02 -0.32	2.38 -0.02 -0.59	6.37 -0.07 -0.30	7.47 -0.10 -0.25	13.03 -0.13 -0.06	16.23 0.02 -0.02	12.46 0.02 -0.60	20.19 -0.06 -0.07	10.73 -0.08 -0.44	19.41 -0.20 0.00	18.68 -0.22 0.00	18.11 -0.30 0.00	17.22 -0.34 0.00	7.42 -0.14 -0.47	3.06 -0.05 -0.68	3.01 -0.06 -0.70	2.57 -0.04 -0.84	6.88 -0.12 -1.11	-1.74 0.06 -1.55	10.34 -0.01 -0.78	25.10 0.11 0.00	18.05 0.07 -0.36	23.61 0.07 0.00	18.94 0.00 0.00
CAITHNESS_CC_1 323624	18.40 0.94 -6.59	17.46 0.15 -15.49	14.01 0.47 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	21.00 1.39 -3.23	28.43 1.00 -15.59	56.19 1.87 -34.13	23.52 0.99 -12.16	21.39 1.73 -0.04	20.50 1.61 0.00	19.96 1.56 0.00	19.05 1.50 0.00	20.88 0.61 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.15 0.96 -36.61	33.40 2.51 -5.90	40.17 1.69 -20.84	29.46 2.25 -3.66	20.53 1.60 0.00
CALPINE BETH_PAGE_GT4 24209	18.42 0.88 -6.67	17.44 0.14 -15.49	13.97 0.43 -7.40	14.02 0.50 -6.20	15.53 0.93 -1.50	20.74 1.25 -3.23	28.26 0.93 -15.49	56.04 1.73 -34.13	23.47 0.95 -12.15	21.35 1.69 -0.04	20.54 1.65 0.00	20.05 1.64 0.00	19.19 1.63 0.00	20.93 0.67 -13.17	47.32 0.25 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.86 0.55 -32.43	42.26 -0.29 -45.90	47.05 0.86 -36.61	33.13 2.24 -5.90	39.98 1.51 -20.84	29.30 2.10 -3.66	20.44 1.51 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.35 0.88 -6.59	17.44 0.14 -15.49	13.97 0.43 -7.40	14.02 0.50 -6.20	15.53 0.93 -1.50	20.74 1.25 -3.23	28.36 0.93 -15.59	56.04 1.73 -34.13	23.48 0.95 -12.16	21.35 1.69 -0.04	20.54 1.65 0.00	20.05 1.64 0.00	19.19 1.63 0.00	20.93 0.67 -13.17	47.32 0.25 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.86 0.55 -32.43	42.26 -0.29 -45.90	47.05 0.86 -36.61	33.13 2.24 -5.90	39.98 1.51 -20.84	29.30 2.10 -3.66	20.44 1.51 0.00
CALPINE_BP_GT1 23823	18.35 0.88 -6.59	17.44 0.14 -15.49	13.97 0.43 -7.40	14.02 0.50 -6.20	15.53 0.93 -1.50	20.74 1.25 -3.23	28.36 0.93 -15.59	56.04 1.73 -34.13	23.48 0.95 -12.16	21.35 1.69 -0.04	20.54 1.65 0.00	20.05 1.64 0.00	19.19 1.63 0.00	20.93 0.67 -13.17	47.32 0.25 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.86 0.55 -32.43	42.26 -0.29 -45.90	47.05 0.86 -36.61	33.13 2.24 -5.90	39.98 1.51 -20.84	29.30 2.10 -3.66	20.44 1.51 0.00
CALSPAN__DRP 24200	10.76 -0.51 -0.40	4.27 -0.10 -2.56	7.16 -0.25 -1.27	8.12 -0.27 -1.07	12.89 -0.47 -0.26	15.72 -0.64 -0.09	14.07 -0.35 -2.57	19.87 -0.64 -0.32	11.98 -0.30 -1.90	19.04 -0.57 0.00	18.56 -0.33 0.00	17.97 -0.43 0.00	17.25 -0.31 0.00	8.98 -0.14 -2.03	5.34 -0.04 -2.95	5.34 -0.04 -3.01	5.37 -0.03 -3.62	10.55 -0.09 -4.75	3.27 -0.01 -6.63	12.58 -0.31 -3.32	24.22 -0.77 0.00	18.59 -0.56 -1.52	22.56 -0.99 0.00	18.16 -0.77 0.00
CALVERTON__SOLAR 323806	18.40 0.93 -6.59	17.46 0.16 -15.49	14.02 0.48 -7.40	14.09 0.57 -6.20	15.65 1.05 -1.50	21.01 1.40 -3.23	28.44 1.00 -15.59	56.18 1.86 -34.13	23.52 0.98 -12.16	21.35 1.70 -0.04	20.46 1.57 0.00	19.93 1.52 0.00	19.01 1.46 0.00	20.86 0.59 -13.17	47.31 0.23 -44.64	48.52 0.24 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.33 -45.90	47.16 0.98 -36.61	33.45 2.55 -5.90	40.19 1.72 -20.84	29.48 2.27 -3.66	20.53 1.60 0.00
CANDIGU_WT_PWR 323617	13.40 -0.06 -2.59	5.07 -0.03 -3.29	7.71 -0.06 -1.63	8.65 -0.04 -1.37	13.35 -0.08 -0.33	16.30 -0.09 -0.12	15.19 0.04 -3.31	20.60 0.01 -0.42	12.84 0.04 -2.43	19.63 0.02 0.00	19.03 0.14 0.00	18.41 0.01 0.00	17.62 0.06 0.00	9.72 0.01 -2.62	6.24 0.00 -3.80	6.25 0.00 -3.89	6.44 0.00 -4.67	12.06 0.04 -6.13	5.17 -0.03 -8.55	13.88 0.02 -4.28	25.11 0.12 0.00	19.53 -0.05 -1.96	23.30 -0.25 0.00	18.69 -0.24 0.00
CARR STREET_E__SYR 24060	11.32 -0.23 -0.68	3.30 -0.04 -1.54	6.76 -0.15 -0.76	7.79 -0.17 -0.64	12.96 -0.30 -0.15	15.99 -0.34 -0.06	13.21 -0.18 -1.55	20.04 -0.33 -0.19	11.33 -0.16 -1.12	19.25 -0.36 0.00	18.58 -0.31 0.00	18.08 -0.33 0.00	17.27 -0.29 0.00	8.19 -0.12 -1.21	4.16 -0.04 -1.76	4.14 -0.04 -1.80	3.91 -0.03 -2.17	8.67 -0.08 -2.86	0.69 0.03 -4.00	11.45 -0.13 -2.00	24.68 -0.31 0.00	18.28 -0.26 -0.92	23.08 -0.47 0.00	18.52 -0.41 0.00
CARTHAGE__PAPER 23857	11.07 -0.16 -0.36	2.57 -0.05 -0.82	6.37 -0.18 -0.40	7.43 -0.23 -0.34	12.85 -0.33 -0.08	16.07 -0.23 -0.03	12.57 -0.09 -0.82	19.95 -0.33 -0.10	10.65 -0.32 -0.60	18.94 -0.68 0.00	18.16 -0.73 0.00	17.54 -0.87 0.00	16.65 -0.90 0.00	7.36 -0.37 -0.65	3.24 -0.13 -0.94	3.19 -0.13 -0.96	2.83 -0.09 -1.15	7.10 -0.30 -1.52	-1.06 0.16 -2.13	10.47 -0.17 -1.07	24.84 -0.16 0.00	18.02 -0.10 -0.49	23.40 -0.15 0.00	18.73 -0.21 0.00

CASSADAGA_WT_PWR 323784	11.64 0.00 -0.76	4.48 -0.02 -2.69	7.44 -0.04 -1.33	8.46 0.02 -1.12	13.43 0.06 -0.27	16.36 0.00 -0.10	14.72 0.16 -2.71	21.04 0.52 -0.34	12.66 0.29 -2.00	20.16 0.55 0.00	19.64 0.76 0.00	19.01 0.60 0.00	18.18 0.62 0.00	9.47 0.23 -2.15	5.63 0.08 -3.12	5.63 0.07 -3.19	5.66 0.06 -3.84	11.10 0.17 -5.04	3.52 -0.16 -7.02	13.27 0.18 -3.52	25.56 0.56 0.00	19.57 0.33 -1.61	23.64 0.09 0.00	18.93 0.00 0.00
CE_DUNWOOD___DRP 24194	18.17 0.65 -6.65	16.79 0.10 -14.89	13.81 0.30 -7.37	13.86 0.36 -6.18	15.24 0.65 -1.50	17.67 0.86 -0.55	27.36 0.65 -14.87	23.25 1.23 -1.85	21.81 0.71 -10.73	20.89 1.28 0.00	20.17 1.29 0.00	19.73 1.32 0.00	18.93 1.37 0.00	20.33 0.56 -12.68	21.05 0.20 -18.41	21.46 0.20 -18.89	24.65 0.14 -22.74	36.25 0.46 -29.90	38.51 -0.25 -42.10	31.35 0.70 -21.08	26.81 1.82 0.00	28.50 1.21 -9.66	25.06 1.51 0.00	20.05 1.12 0.00
CE_MILLWOOD___DRP 24193	18.11 0.62 -6.62	16.72 0.10 -14.82	13.77 0.28 -7.34	13.82 0.35 -6.15	15.21 0.62 -1.49	17.64 0.83 -0.54	27.26 0.62 -14.80	23.19 1.17 -1.84	21.73 0.67 -10.68	20.83 1.21 0.00	20.11 1.22 0.00	19.66 1.25 0.00	18.86 1.31 0.00	20.25 0.53 -12.63	20.97 0.19 -18.35	21.38 0.19 -18.82	24.56 0.14 -22.66	36.13 0.44 -29.79	38.36 -0.24 -41.95	31.25 0.68 -21.00	26.74 1.75 0.00	28.42 1.16 -9.63	24.99 1.45 0.00	20.00 1.07 0.00
CE_NYC2_DRP 24202	18.26 0.72 -6.67	16.85 0.11 -14.93	13.87 0.33 -7.39	13.92 0.40 -6.20	15.31 0.71 -1.50	17.77 0.96 -0.55	27.45 0.70 -14.91	23.38 1.35 -1.85	21.93 0.79 -10.76	21.08 1.47 0.00	20.36 1.47 0.00	19.93 1.52 0.00	19.13 1.57 0.00	20.42 0.63 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.51 -29.97	38.58 -0.27 -42.19	31.45 0.76 -21.12	26.97 1.97 0.00	28.62 1.31 -9.68	25.20 1.65 0.00	20.17 1.23 0.00
CE_NYC_DRP 24195	18.24 0.71 -6.66	16.84 0.11 -14.92	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.45 0.70 -14.91	23.35 1.32 -1.85	21.91 0.78 -10.76	21.06 1.45 0.00	20.36 1.47 0.00	19.90 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.76 -21.12	26.95 1.96 0.00	28.60 1.29 -9.68	25.18 1.63 0.00	20.14 1.20 0.00
CHAFFEE___LFGE 323603	11.05 -0.44 -0.62	4.38 -0.08 -2.66	7.23 -0.23 -1.32	8.20 -0.23 -1.10	12.96 -0.40 -0.27	15.82 -0.55 -0.10	14.25 -0.27 -2.68	20.19 -0.34 -0.34	12.17 -0.19 -1.99	19.25 -0.37 0.00	18.75 -0.14 0.00	18.15 -0.25 0.00	17.40 -0.15 0.00	9.14 -0.08 -2.13	5.50 -0.02 -3.08	5.50 -0.02 -3.15	5.55 -0.01 -3.79	10.83 -0.04 -4.98	3.57 -0.03 -6.94	12.82 -0.22 -3.47	24.47 -0.52 0.00	18.81 -0.41 -1.59	22.76 -0.79 0.00	18.32 -0.61 0.00
CHATEAUG_35_KV_LOAD 355732	10.65 -0.29 -0.06	1.88 -0.04 -0.12	6.17 -0.03 -0.06	7.40 0.03 -0.05	13.24 0.13 -0.01	16.55 0.28 0.00	12.14 0.19 -0.10	20.44 0.25 -0.01	10.55 0.10 -0.08	19.82 0.20 0.00	18.84 -0.05 0.00	18.22 -0.19 0.00	17.22 -0.34 0.00	7.01 -0.18 -0.09	2.50 -0.08 -0.14	2.45 -0.06 -0.14	1.89 -0.04 -0.17	5.98 -0.13 -0.22	-2.98 0.05 -0.31	9.73 0.00 -0.16	25.10 0.10 0.00	17.87 0.17 -0.07	23.96 0.41 0.00	19.39 0.46 0.00
CHATEAUG_WT_PWR 323614	10.57 -0.30 0.00	1.76 -0.05 0.00	6.11 -0.03 0.00	7.35 0.03 0.00	13.22 0.12 0.00	16.56 0.30 0.00	12.05 0.21 0.00	20.51 0.33 0.00	10.52 0.14 0.00	19.89 0.28 0.00	18.90 0.01 0.00	18.27 -0.13 0.00	17.27 -0.29 0.00	6.93 -0.16 0.00	2.37 -0.07 0.00	2.31 -0.06 0.00	1.73 -0.04 0.00	5.78 -0.11 0.00	-3.30 0.04 0.00	9.60 0.02 0.00	25.17 0.18 0.00	17.85 0.22 0.00	24.04 0.50 0.00	19.46 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	10.58 -0.29 0.00	1.77 -0.04 0.00	6.12 -0.03 0.00	7.35 0.03 0.00	13.23 0.13 0.00	16.55 0.28 0.00	12.04 0.19 0.00	20.42 0.24 0.00	10.47 0.10 0.00	19.81 0.20 0.00	18.84 -0.05 0.00	18.22 -0.19 0.00	17.22 -0.34 0.00	6.91 -0.18 0.00	2.36 -0.08 0.00	2.31 -0.06 0.00	1.72 -0.04 0.00	5.76 -0.13 0.00	-3.30 0.05 0.00	9.57 0.00 0.00	25.10 0.10 0.00	17.80 0.17 0.00	23.96 0.41 0.00	19.38 0.45 0.00
CHAUTAUQUA___LFGE 323629	11.16 -0.25 -0.54	4.36 -0.06 -2.61	7.30 -0.13 -1.29	8.29 -0.11 -1.08	13.17 -0.19 -0.26	16.06 -0.30 -0.10	14.39 -0.08 -2.62	20.47 -0.04 -0.33	12.31 0.01 -1.93	19.61 0.00 0.00	19.11 0.22 0.00	18.48 0.08 0.00	17.71 0.15 0.00	9.21 0.05 -2.07	5.46 0.02 -3.01	5.46 0.02 -3.08	5.48 0.02 -3.70	10.79 0.05 -4.86	3.33 -0.09 -6.77	12.92 -0.04 -3.39	24.94 -0.05 0.00	19.12 -0.07 -1.56	23.15 -0.40 0.00	18.58 -0.35 0.00
CHERRYST_13_KV_LD 356241	18.28 0.74 -6.66	16.85 0.11 -14.92	13.87 0.34 -7.39	13.92 0.41 -6.20	15.34 0.74 -1.50	17.80 0.99 -0.55	27.48 0.73 -14.91	23.42 1.39 -1.85	21.95 0.82 -10.76	21.13 1.52 0.00	20.44 1.54 0.00	19.98 1.57 0.00	19.18 1.62 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.72 0.16 -22.79	36.38 0.52 -29.97	38.57 -0.28 -42.19	31.48 0.79 -21.12	27.03 2.03 0.00	28.65 1.34 -9.68	25.24 1.69 0.00	20.19 1.26 0.00
CHESTROR_138KV_BK263 355645	17.45 0.55 -6.02	15.36 0.09 -13.47	13.07 0.25 -6.67	13.22 0.31 -5.59	15.01 0.56 -1.35	17.51 0.75 -0.50	25.86 0.56 -13.46	22.89 1.04 -1.67	20.67 0.59 -9.70	20.66 1.04 0.00	19.93 1.04 0.00	19.48 1.07 0.00	18.68 1.12 0.00	19.11 0.46 -11.56	19.39 0.16 -16.79	19.76 0.17 -17.22	22.62 0.12 -20.73	33.57 0.40 -27.28	34.86 -0.22 -38.43	29.42 0.61 -19.23	26.58 1.58 0.00	27.50 1.05 -8.82	24.86 1.31 0.00	19.91 0.98 0.00
CH_MIDHUDSON___DRP 24192	18.29 0.62 -6.80	17.13 0.10 -15.22	13.98 0.30 -7.54	14.00 0.36 -6.32	15.27 0.64 -1.53	17.67 0.84 -0.56	27.73 0.64 -15.25	23.27 1.20 -1.89	21.96 0.66 -10.92	20.76 1.15 0.00	20.01 1.12 0.00	19.57 1.17 0.00	18.77 1.21 0.00	20.45 0.49 -12.87	21.29 0.17 -18.69	21.70 0.17 -19.15	24.94 0.13 -23.05	36.68 0.42 -30.36	39.18 -0.23 -42.76	31.64 0.66 -21.40	26.71 1.71 0.00	28.57 1.13 -9.81	24.95 1.40 0.00	19.97 1.04 0.00
CH_MISC_IPPS 23765	18.14 0.71 -6.56	16.78 0.11 -14.86	13.84 0.34 -7.36	13.90 0.41 -6.17	15.33 0.74 -1.49	17.78 0.97 -0.55	27.52 0.74 -14.94	23.38 1.36 -1.84	21.83 0.75 -10.71	20.92 1.30 0.00	20.15 1.26 0.00	19.71 1.30 0.00	18.91 1.35 0.00	20.26 0.55 -12.62	20.96 0.19 -18.33	21.35 0.20 -18.79	24.53 0.15 -22.61	36.15 0.48 -29.78	38.34 -0.26 -41.94	31.32 0.75 -20.99	26.95 1.95 0.00	28.54 1.29 -9.62	25.14 1.59 0.00	20.11 1.18 0.00
CH_RES_BVR_FALLS 23983	10.74 -0.13 0.00	1.79 -0.02 0.00	6.04 -0.11 0.00	7.17 -0.15 0.00	12.87 -0.23 0.00	16.04 -0.23 0.00	11.67 -0.18 0.00	19.90 -0.28 0.00	10.23 -0.14 0.00	19.38 -0.23 0.00	18.69 -0.21 0.00	18.12 -0.28 0.00	17.23 -0.33 0.00	6.94 -0.15 0.00	2.39 -0.05 0.00	2.32 -0.05 0.00	1.73 -0.03 0.00	5.75 -0.14 0.00	-3.27 0.08 0.00	9.44 -0.14 0.00	24.63 -0.36 0.00	17.41 -0.22 0.00	23.29 -0.26 0.00	18.76 -0.17 0.00

CH_RES_NIAGARA 23895	10.09 -1.01 -0.22	4.01 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.56 -0.99	12.30 -1.04 -0.24	14.99 -1.37 -0.09	13.35 -0.89 -2.40	18.91 -1.57 -0.30	11.38 -0.75 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.13 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.46 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.80	5.04 -0.10 -3.37	10.02 -0.30 -4.43	2.95 0.12 -6.17	11.92 -0.74 -3.09	23.02 -1.97 0.00	17.70 -1.34 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
CH_RES_SYRACUSE 23985	11.99 -0.16 -1.28	3.48 -0.03 -1.70	6.87 -0.11 -0.84	7.90 -0.13 -0.71	13.04 -0.23 -0.17	16.08 -0.25 -0.06	13.45 -0.11 -1.71	20.17 -0.23 -0.21	11.49 -0.12 -1.24	19.34 -0.27 0.00	18.67 -0.22 0.00	18.17 -0.24 0.00	17.33 -0.23 0.00	8.34 -0.09 -1.34	4.35 -0.03 -1.94	4.33 -0.03 -1.99	4.14 -0.02 -2.39	8.99 -0.05 -3.15	1.10 0.02 -4.42	11.71 -0.07 -2.21	24.84 -0.16 0.00	18.47 -0.17 -1.01	23.20 -0.35 0.00	18.62 -0.31 0.00
CLINTON_WT_PWR 323605	10.57 -0.30 0.00	1.76 -0.05 0.00	6.11 -0.03 0.00	7.35 0.03 0.00	13.22 0.12 0.00	16.56 0.30 0.00	12.05 0.21 0.00	20.51 0.33 0.00	10.52 0.14 0.00	19.89 0.28 0.00	18.90 0.01 0.00	18.27 -0.13 0.00	17.27 -0.29 0.00	6.93 -0.16 0.00	2.37 -0.07 0.00	2.31 -0.06 0.00	1.73 -0.04 0.00	5.78 -0.11 0.00	-3.30 0.04 0.00	9.60 0.02 0.00	25.17 0.18 0.00	17.85 0.22 0.00	24.04 0.50 0.00	19.46 0.53 0.00
CLINTON___LFGE 323618	10.65 -0.22 0.00	1.78 -0.03 0.00	6.15 0.01 0.00	7.40 0.08 0.00	13.32 0.23 0.00	16.71 0.45 0.00	12.19 0.34 0.00	20.85 0.67 0.00	10.69 0.32 0.00	20.18 0.57 0.00	19.15 0.26 0.00	18.52 0.11 0.00	17.49 -0.07 0.00	7.02 -0.07 0.00	2.40 -0.03 0.00	2.35 -0.02 0.00	1.75 -0.01 0.00	5.86 -0.03 0.00	-3.36 -0.02 0.00	9.77 0.20 0.00	25.65 0.66 0.00	18.18 0.55 0.00	24.46 0.91 0.00	19.83 0.90 0.00
COBBLENY_34_KV_TB1 80064	11.05 -0.45 -0.62	4.38 -0.09 -2.66	7.23 -0.23 -1.32	8.19 -0.23 -1.10	12.96 -0.41 -0.27	15.82 -0.55 -0.10	14.24 -0.27 -2.67	20.17 -0.36 -0.34	12.18 -0.19 -2.00	19.25 -0.37 0.00	18.75 -0.14 0.00	18.15 -0.26 0.00	17.41 -0.15 0.00	9.13 -0.08 -2.13	5.50 -0.02 -3.09	5.50 -0.02 -3.16	5.55 -0.01 -3.80	10.82 -0.04 -4.98	3.57 -0.03 -6.94	12.82 -0.22 -3.47	24.46 -0.54 0.00	18.80 -0.42 -1.59	22.76 -0.79 0.00	18.32 -0.62 0.00
COFFEEN___115KV_TB3 355620	11.17 -0.19 -0.49	2.68 -0.06 -0.93	6.39 -0.21 -0.46	7.45 -0.26 -0.39	12.82 -0.37 -0.09	16.05 -0.25 -0.03	12.67 -0.10 -0.93	19.93 -0.37 -0.12	10.69 -0.37 -0.68	18.79 -0.82 0.00	18.02 -0.87 0.00	17.40 -1.01 0.00	16.53 -1.03 0.00	7.40 -0.42 -0.74	3.36 -0.14 -1.07	3.32 -0.15 -1.10	2.98 -0.10 -1.32	7.27 -0.34 -1.73	-0.74 0.18 -2.43	10.60 -0.19 -1.21	24.87 -0.12 0.00	18.10 -0.08 -0.56	23.39 -0.16 0.00	18.69 -0.24 0.00
COLDSPRG_115KV_BK1 355956	12.15 0.22 -1.06	4.63 0.02 -2.81	7.60 0.06 -1.39	8.63 0.15 -1.16	13.69 0.31 -0.28	16.74 0.38 -0.10	15.10 0.45 -2.80	21.48 0.94 -0.36	12.95 0.49 -2.09	20.53 0.92 0.00	19.98 1.09 0.00	19.32 0.91 0.00	18.50 0.94 0.00	9.70 0.36 -2.25	5.83 0.12 -3.27	5.83 0.11 -3.35	5.88 0.08 -4.03	11.42 0.26 -5.28	3.82 -0.19 -7.36	13.57 0.31 -3.68	25.92 0.93 0.00	19.85 0.53 -1.69	24.06 0.51 0.00	19.31 0.38 0.00
COLONIE_LFGE___ 323577	19.98 0.33 -8.78	21.74 0.05 -19.88	16.19 0.20 -9.85	15.81 0.24 -8.25	15.51 0.42 -2.00	17.51 0.52 -0.73	32.24 0.40 -19.99	23.32 0.67 -2.47	25.06 0.31 -14.38	20.05 0.44 0.00	19.24 0.36 0.00	18.82 0.42 0.00	17.97 0.41 0.00	23.46 0.18 -16.19	25.98 0.06 -23.49	26.35 0.05 -23.92	30.55 0.04 -28.74	44.21 0.16 -38.17	50.25 -0.10 -53.69	36.75 0.30 -26.88	25.71 0.71 -0.01	30.48 0.54 -12.32	24.24 0.69 0.00	19.47 0.54 0.00
COOPERNY_115KV_TB1 80082	15.86 0.43 -4.55	12.00 0.07 -10.12	11.35 0.20 -5.02	11.77 0.24 -4.21	14.55 0.43 -1.02	17.22 0.58 -0.37	22.40 0.45 -10.11	22.26 0.86 -1.22	17.97 0.48 -7.12	20.46 0.85 0.00	19.73 0.85 0.00	19.26 0.85 0.00	18.31 0.75 0.00	14.64 0.30 -7.25	13.06 0.11 -10.52	13.26 0.11 -10.78	14.82 0.08 -12.97	23.46 0.26 -17.32	21.33 -0.14 -24.81	22.39 0.40 -12.42	26.03 1.03 0.00	24.01 0.69 -5.69	24.38 0.83 0.00	19.55 0.62 0.00
COPENHAGEN_WT_PWR 323753	11.04 -0.26 -0.42	2.70 -0.07 -0.96	6.36 -0.26 -0.48	7.39 -0.33 -0.40	12.72 -0.48 -0.10	15.93 -0.37 -0.03	12.61 -0.20 -0.97	19.80 -0.50 -0.12	10.68 -0.40 -0.70	18.78 -0.84 0.00	18.04 -0.85 0.00	17.40 -1.00 0.00	16.52 -1.04 0.00	7.43 -0.43 -0.76	3.39 -0.14 -1.10	3.35 -0.15 -1.13	3.02 -0.10 -1.36	7.32 -0.36 -1.79	-0.65 0.19 -2.51	10.58 -0.25 -1.25	24.65 -0.34 0.00	17.97 -0.23 -0.57	23.22 -0.33 0.00	18.56 -0.37 0.00
CORNELL___ 23752	13.44 0.13 -2.43	5.13 0.01 -3.31	7.82 0.04 -1.64	8.75 0.06 -1.38	13.54 0.11 -0.33	16.58 0.19 -0.12	15.39 0.23 -3.31	20.85 0.27 -0.40	12.94 0.13 -2.44	19.78 0.17 0.00	19.08 0.19 0.00	18.54 0.13 0.00	17.66 0.10 0.00	9.64 0.05 -2.50	6.09 0.02 -3.63	6.10 0.02 -3.72	6.26 0.02 -4.47	11.96 0.08 -5.99	5.19 -0.06 -8.59	14.09 0.21 -4.30	25.61 0.62 0.00	19.93 0.33 -1.97	23.85 0.30 0.00	19.13 0.20 0.00
CORONA_AAV_69_KV_TB1 355595	18.42 0.88 -6.67	17.44 0.14 -15.49	13.97 0.43 -7.40	14.02 0.51 -6.20	15.53 0.93 -1.50	20.45 1.22 -2.96	28.24 0.91 -15.49	55.98 1.67 -34.13	23.45 0.93 -12.15	21.33 1.68 -0.04	20.58 1.69 0.00	20.10 1.70 0.00	19.25 1.69 0.00	20.95 0.69 -13.17	47.33 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.90 0.59 -32.43	42.25 -0.31 -45.90	47.07 0.89 -36.61	33.19 2.30 -5.90	40.04 1.56 -20.84	29.25 2.05 -3.66	20.42 1.49 0.00
CORTLAND_115KV_TB3 80093	12.57 0.05 -1.65	4.54 0.00 -2.74	7.49 -0.01 -1.36	8.46 0.00 -1.13	13.38 0.01 -0.28	16.42 0.05 -0.10	14.71 0.12 -2.74	20.67 0.15 -0.34	12.55 0.08 -2.10	19.68 0.07 0.00	18.98 0.09 0.00	18.45 0.05 0.00	17.61 0.05 0.00	9.24 0.02 -2.13	5.53 0.01 -3.09	5.54 0.01 -3.16	5.58 0.01 -3.80	10.97 0.05 -5.03	3.73 -0.03 -7.11	13.25 0.12 -3.55	25.35 0.35 0.00	19.43 0.17 -1.63	23.66 0.11 0.00	18.97 0.04 0.00
COXSACKIE___GT 23611	19.34 0.48 -7.99	19.98 0.08 -18.09	15.41 0.30 -8.97	15.17 0.34 -7.51	15.54 0.63 -1.82	17.75 0.82 -0.67	30.67 0.63 -18.20	23.49 1.07 -2.25	23.80 0.37 -13.06	20.09 0.48 0.00	19.21 0.32 0.00	18.77 0.36 0.00	17.91 0.35 0.00	22.04 0.14 -14.81	23.97 0.05 -21.49	24.37 0.06 -21.94	28.20 0.05 -26.38	41.06 0.23 -34.94	45.71 -0.15 -49.20	34.72 0.51 -24.63	26.44 1.44 0.00	29.87 0.95 -11.29	24.73 1.18 0.00	19.81 0.88 0.00
CPV_VALLEY___CC1 323721	16.81 0.51 -5.42	14.17 0.08 -12.28	12.46 0.23 -6.08	12.70 0.29 -5.10	14.84 0.51 -1.23	17.39 0.68 -0.45	24.71 0.52 -12.34	22.67 0.97 -1.52	19.77 0.55 -8.85	20.59 0.98 0.00	19.86 0.98 0.00	19.42 1.01 0.00	18.72 1.16 0.00	19.27 0.47 -11.70	19.60 0.17 -17.00	19.97 0.17 -17.43	22.88 0.12 -20.99	33.91 0.40 -27.61	35.33 -0.22 -38.89	29.66 0.62 -19.47	26.59 1.59 0.00	27.61 1.06 -8.92	24.85 1.31 0.00	19.90 0.96 0.00

CPV_VALLEY___CC2 323722	16.81 0.51 -5.42	14.17 0.08 -12.28	12.46 0.23 -6.08	12.70 0.29 -5.10	14.84 0.51 -1.23	17.39 0.68 -0.45	24.71 0.52 -12.34	22.67 0.97 -1.52	19.77 0.55 -8.85	20.59 0.98 0.00	19.86 0.98 0.00	19.42 1.01 0.00	18.72 1.16 0.00	19.27 0.47 -11.70	19.60 0.17 -17.00	19.97 0.17 -17.43	22.88 0.12 -20.99	33.91 0.40 -27.61	35.33 -0.22 -38.89	29.66 0.62 -19.47	26.59 1.59 0.00	27.61 1.06 -8.92	24.85 1.31 0.00	19.90 0.96 0.00
CRESCENT___HYD 24018	19.98 0.33 -8.78	21.74 0.05 -19.88	16.19 0.20 -9.85	15.81 0.24 -8.25	15.51 0.42 -2.00	17.51 0.52 -0.73	32.24 0.40 -19.99	23.32 0.67 -2.47	25.06 0.31 -14.38	20.05 0.44 0.00	19.24 0.36 0.00	18.82 0.42 0.00	17.97 0.41 0.00	23.46 0.18 -16.19	25.98 0.06 -23.49	26.35 0.05 -23.92	30.55 0.04 -28.74	44.21 0.16 -38.17	50.25 -0.10 -53.69	36.75 0.30 -26.88	25.71 0.71 -0.01	30.48 0.54 -12.32	24.24 0.69 0.00	19.47 0.54 0.00
CRICKET___VALLEY_CC1 323756	18.39 0.44 -7.09	17.92 0.07 -16.04	14.31 0.22 -7.95	14.25 0.27 -6.66	15.19 0.47 -1.61	17.48 0.62 -0.59	28.43 0.46 -16.13	23.04 0.87 -1.99	22.44 0.49 -11.58	20.40 0.79 0.00	19.67 0.78 0.00	19.24 0.84 0.00	18.44 0.88 0.00	20.91 0.36 -13.46	21.95 0.13 -19.39	21.44 0.13 -18.95	24.33 0.09 -22.47	37.93 0.31 -31.73	41.15 -0.17 -44.66	32.42 0.49 -22.36	26.25 1.26 0.00	28.71 0.84 -10.25	24.57 1.02 0.00	19.71 0.78 0.00
CRICKET___VALLEY_CC2 323757	18.39 0.44 -7.09	17.92 0.07 -16.04	14.31 0.22 -7.95	14.25 0.27 -6.66	15.19 0.47 -1.61	17.48 0.62 -0.59	28.43 0.46 -16.13	23.04 0.87 -1.99	22.44 0.49 -11.58	20.40 0.79 0.00	19.67 0.78 0.00	19.24 0.84 0.00	18.44 0.88 0.00	20.91 0.36 -13.46	21.95 0.13 -19.39	21.44 0.13 -18.95	24.33 0.09 -22.47	37.93 0.31 -31.73	41.15 -0.17 -44.66	32.42 0.49 -22.36	26.25 1.26 0.00	28.71 0.84 -10.25	24.57 1.02 0.00	19.71 0.78 0.00
CRICKET___VALLEY_CC3 323758	18.39 0.44 -7.09	17.92 0.07 -16.04	14.31 0.22 -7.95	14.25 0.27 -6.66	15.19 0.47 -1.61	17.48 0.62 -0.59	28.43 0.46 -16.13	23.04 0.87 -1.99	22.44 0.49 -11.58	20.40 0.79 0.00	19.67 0.78 0.00	19.24 0.84 0.00	18.44 0.88 0.00	20.91 0.36 -13.46	21.95 0.13 -19.39	21.44 0.13 -18.95	24.33 0.09 -22.47	37.93 0.31 -31.73	41.15 -0.17 -44.66	32.42 0.49 -22.36	26.25 1.26 0.00	28.71 0.84 -10.25	24.57 1.02 0.00	19.71 0.78 0.00
CRUCIBLE_METL_DRP 24180	12.00 -0.16 -1.28	3.48 -0.03 -1.70	6.87 -0.11 -0.84	7.90 -0.13 -0.71	13.04 -0.23 -0.17	16.08 -0.25 -0.06	13.44 -0.11 -1.71	20.16 -0.23 -0.21	11.50 -0.12 -1.25	19.34 -0.27 0.00	18.67 -0.22 0.00	18.17 -0.24 0.00	17.33 -0.23 0.00	8.34 -0.09 -1.34	4.35 -0.03 -1.94	4.33 -0.03 -1.99	4.14 -0.02 -2.39	8.99 -0.05 -3.15	1.10 0.02 -4.42	11.71 -0.07 -2.21	24.83 -0.16 0.00	18.47 -0.17 -1.01	23.20 -0.35 0.00	18.62 -0.31 0.00
DAHOWA___HYDRO 323763	20.23 0.38 -8.98	22.20 0.06 -20.33	16.44 0.22 -10.07	16.03 0.27 -8.44	15.63 0.49 -2.04	17.70 0.68 -0.75	32.82 0.53 -20.45	23.54 0.83 -2.53	25.44 0.36 -14.70	20.14 0.53 0.00	19.33 0.44 0.00	18.88 0.48 0.00	17.95 0.39 0.00	23.78 0.15 -16.53	26.46 0.05 -23.98	26.86 0.05 -24.44	31.17 0.04 -29.37	45.03 0.18 -38.97	51.35 -0.11 -54.81	37.36 0.35 -27.44	25.89 0.89 -0.01	30.83 0.62 -12.58	24.47 0.92 0.00	19.66 0.73 0.00
DANC___LFGE 323619	11.08 -0.30 -0.50	2.87 -0.07 -1.13	6.46 -0.24 -0.56	7.49 -0.30 -0.47	12.75 -0.46 -0.11	15.88 -0.43 -0.04	12.72 -0.26 -1.14	19.77 -0.55 -0.14	10.82 -0.37 -0.82	18.83 -0.78 0.00	18.12 -0.77 0.00	17.55 -0.85 0.00	16.70 -0.86 0.00	7.63 -0.35 -0.89	3.61 -0.12 -1.30	3.57 -0.12 -1.32	3.27 -0.09 -1.59	7.70 -0.29 -2.10	-0.25 0.15 -2.94	10.80 -0.25 -1.47	24.57 -0.42 0.00	18.00 -0.30 -0.67	23.08 -0.47 0.00	18.47 -0.46 0.00
DANSKAMMER___1 23586	18.14 0.71 -6.56	16.78 0.11 -14.86	13.84 0.34 -7.36	13.90 0.41 -6.17	15.33 0.74 -1.49	17.78 0.97 -0.55	27.52 0.74 -14.94	23.38 1.36 -1.84	21.83 0.75 -10.71	20.92 1.30 0.00	20.15 1.26 0.00	19.71 1.30 0.00	18.91 1.35 0.00	20.26 0.55 -12.62	20.96 0.19 -18.33	21.35 0.20 -18.79	24.53 0.15 -22.61	36.15 0.48 -29.78	38.34 -0.26 -41.94	31.32 0.75 -20.99	26.95 1.95 0.00	28.54 1.29 -9.62	25.14 1.59 0.00	20.11 1.18 0.00
DANSKAMMER___2 23589	18.14 0.71 -6.56	16.78 0.11 -14.86	13.84 0.34 -7.36	13.90 0.41 -6.17	15.33 0.74 -1.49	17.78 0.97 -0.55	27.52 0.74 -14.94	23.38 1.36 -1.84	21.83 0.75 -10.71	20.92 1.30 0.00	20.15 1.26 0.00	19.71 1.30 0.00	18.91 1.35 0.00	20.26 0.55 -12.62	20.96 0.19 -18.33	21.35 0.20 -18.79	24.53 0.15 -22.61	36.15 0.48 -29.78	38.34 -0.26 -41.94	31.32 0.75 -20.99	26.95 1.95 0.00	28.54 1.29 -9.62	25.14 1.59 0.00	20.11 1.18 0.00
DANSKAMMER___3 23590	18.14 0.71 -6.56	16.78 0.11 -14.86	13.84 0.34 -7.36	13.90 0.41 -6.17	15.33 0.74 -1.49	17.78 0.97 -0.55	27.52 0.74 -14.94	23.38 1.36 -1.84	21.83 0.75 -10.71	20.92 1.30 0.00	20.15 1.26 0.00	19.71 1.30 0.00	18.91 1.35 0.00	20.26 0.55 -12.62	20.96 0.19 -18.33	21.35 0.20 -18.79	24.53 0.15 -22.61	36.15 0.48 -29.78	38.34 -0.26 -41.94	31.32 0.75 -20.99	26.95 1.95 0.00	28.54 1.29 -9.62	25.14 1.59 0.00	20.11 1.18 0.00
DANSKAMMER___4 23591	18.14 0.71 -6.56	16.78 0.11 -14.86	13.84 0.34 -7.36	13.90 0.41 -6.17	15.33 0.74 -1.49	17.78 0.97 -0.55	27.52 0.74 -14.94	23.38 1.36 -1.84	21.83 0.75 -10.71	20.92 1.30 0.00	20.15 1.26 0.00	19.71 1.30 0.00	18.91 1.35 0.00	20.26 0.55 -12.62	20.96 0.19 -18.33	21.35 0.20 -18.79	24.53 0.15 -22.61	36.15 0.48 -29.78	38.34 -0.26 -41.94	31.32 0.75 -20.99	26.95 1.95 0.00	28.54 1.29 -9.62	25.14 1.59 0.00	20.11 1.18 0.00
DANSKAMMER___DIESEL 23592	18.22 0.71 -6.63	16.78 0.11 -14.86	13.84 0.34 -7.36	13.90 0.41 -6.17	15.33 0.73 -1.49	17.78 0.97 -0.55	27.45 0.73 -14.87	23.38 1.36 -1.84	21.74 0.75 -10.62	20.91 1.30 0.00	20.15 1.26 0.00	19.71 1.30 0.00	18.91 1.35 0.00	20.26 0.55 -12.62	20.96 0.19 -18.33	21.35 0.20 -18.79	24.53 0.15 -22.61	36.15 0.48 -29.78	38.34 -0.26 -41.94	31.32 0.75 -20.99	26.95 1.96 0.00	28.54 1.29 -9.62	25.14 1.59 0.00	20.11 1.18 0.00
DARBY___SOLAR 323810	20.28 0.39 -9.01	22.14 0.06 -20.27	16.41 0.23 -10.04	16.01 0.28 -8.42	15.64 0.50 -2.04	17.70 0.68 -0.75	32.90 0.52 -20.53	23.55 0.85 -2.52	25.34 0.38 -14.59	20.18 0.57 0.00	19.37 0.48 0.00	18.93 0.53 0.00	18.01 0.45 0.00	23.75 0.18 -16.48	26.40 0.06 -23.91	26.79 0.05 -24.37	31.09 0.04 -29.27	44.93 0.19 -38.85	51.18 -0.12 -54.65	37.29 0.36 -27.36	25.90 0.91 -0.01	30.81 0.64 -12.54	24.47 0.93 0.00	19.67 0.74 0.00
DASHVILLE___HYD 23610	18.56 0.90 -6.80	17.17 0.14 -15.22	14.09 0.41 -7.54	14.14 0.50 -6.32	15.53 0.91 -1.53	18.03 1.20 -0.56	28.04 0.92 -15.27	23.77 1.71 -1.88	22.05 0.92 -10.76	21.10 1.49 0.00	20.14 1.25 0.00	19.72 1.31 0.00	18.98 1.42 0.00	20.27 0.55 -12.62	20.95 0.19 -18.32	21.31 0.19 -18.75	24.46 0.14 -22.56	36.17 0.46 -29.82	38.51 -0.23 -42.09	31.31 0.67 -21.07	26.85 1.86 0.00	28.43 1.14 -9.66	25.01 1.46 0.00	20.02 1.09 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	18.65 1.11 -6.67	17.49 0.19 -15.49	14.13 0.59 -7.40	14.21 0.70 -6.20	15.88 1.28 -1.50	21.32 1.70 -3.35	28.56 1.23 -15.49	56.60 2.29 -34.13	23.72 1.20 -12.15	21.75 2.10 -0.04	20.82 1.92 0.00	20.25 1.84 0.00	19.31 1.75 0.00	20.98 0.72 -13.17	47.36 0.29 -44.64	48.57 0.29 -45.91	30.94 0.22 -28.95	39.06 0.74 -32.43	42.15 -0.41 -45.90	47.39 1.20 -36.61	34.06 3.17 -5.90	40.59 2.12 -20.84	29.96 2.76 -3.66	20.90 1.97 0.00
DELAWARE___LFGE 323621	13.90 0.32 -2.71	7.45 0.05 -5.59	9.07 0.16 -2.77	9.84 0.20 -2.32	14.01 0.35 -0.56	16.92 0.45 -0.21	17.82 0.37 -5.60	21.56 0.64 -0.74	15.01 0.34 -4.30	20.20 0.58 0.00	19.47 0.57 0.00	18.95 0.54 0.00	18.06 0.50 0.00	11.95 0.20 -4.66	9.26 0.07 -6.76	9.35 0.07 -6.91	10.13 0.05 -8.31	16.80 0.20 -10.71	11.10 -0.11 -14.56	17.19 0.33 -7.29	25.87 0.88 0.00	21.55 0.57 -3.34	24.23 0.68 0.00	19.44 0.51 0.00
DERFIELD_115KV_TB7 355931	10.97 -0.02 -0.12	2.03 -0.01 -0.22	6.23 -0.02 -0.11	7.39 -0.02 -0.09	13.08 -0.04 -0.02	16.22 -0.05 -0.01	12.05 -0.01 -0.22	20.19 -0.02 -0.03	10.53 -0.01 -0.17	19.57 -0.04 0.00	18.85 -0.04 0.00	18.36 -0.05 0.00	17.52 -0.04 0.00	7.26 -0.01 -0.18	2.69 0.00 -0.26	2.63 0.00 -0.27	2.09 0.00 -0.32	6.30 -0.01 -0.42	-2.75 0.00 -0.59	9.87 0.00 -0.30	24.99 0.00 0.00	17.75 -0.01 -0.14	23.50 -0.05 0.00	18.88 -0.05 0.00
DOGLEVILLE___HYD 23807	10.73 -0.14 0.00	1.77 -0.03 0.00	6.01 -0.13 0.00	7.17 -0.15 0.00	12.81 -0.29 0.00	15.94 -0.32 0.00	11.63 -0.21 0.00	19.68 -0.50 0.00	10.11 -0.26 0.00	18.98 -0.64 0.00	18.23 -0.66 0.00	17.76 -0.64 0.00	16.92 -0.64 0.00	6.85 -0.24 0.00	2.34 -0.10 0.00	2.27 -0.10 0.00	1.70 -0.07 0.00	5.69 -0.20 0.00	-3.25 0.10 0.00	9.37 -0.20 0.00	24.55 -0.44 0.00	17.28 -0.35 0.00	23.06 -0.49 0.00	18.50 -0.43 0.00
DUNKIRK___115KV_TB_200 55889	11.10 -0.29 -0.52	4.35 -0.06 -2.60	7.28 -0.15 -1.29	8.27 -0.13 -1.08	13.14 -0.22 -0.26	16.02 -0.34 -0.10	14.34 -0.11 -2.61	20.39 -0.12 -0.33	12.28 -0.03 -1.93	19.55 -0.06 0.00	19.05 0.16 0.00	18.43 0.02 0.00	17.66 0.10 0.00	9.18 0.02 -2.07	5.45 0.01 -3.00	5.45 0.01 -3.07	5.47 0.01 -3.69	10.76 0.03 -4.84	3.32 -0.08 -6.74	12.87 -0.08 -3.38	24.85 -0.14 0.00	19.05 -0.12 -1.55	23.08 -0.47 0.00	18.53 -0.40 0.00
DUNKIRK___1 23563	11.10 -0.29 -0.52	4.35 -0.06 -2.60	7.28 -0.15 -1.29	8.27 -0.13 -1.08	13.14 -0.22 -0.26	16.02 -0.34 -0.10	14.34 -0.11 -2.61	20.39 -0.12 -0.33	12.28 -0.03 -1.93	19.55 -0.06 0.00	19.05 0.16 0.00	18.43 0.02 0.00	17.66 0.10 0.00	9.18 0.02 -2.07	5.45 0.01 -3.00	5.45 0.01 -3.07	5.47 0.01 -3.69	10.76 0.03 -4.84	3.32 -0.08 -6.74	12.87 -0.08 -3.38	24.85 -0.14 0.00	19.05 -0.12 -1.55	23.08 -0.47 0.00	18.53 -0.40 0.00
DUNKIRK___2 23564	11.10 -0.29 -0.52	4.35 -0.06 -2.60	7.28 -0.15 -1.29	8.27 -0.13 -1.08	13.14 -0.22 -0.26	16.02 -0.34 -0.10	14.34 -0.11 -2.61	20.39 -0.12 -0.33	12.28 -0.03 -1.93	19.55 -0.06 0.00	19.05 0.16 0.00	18.43 0.02 0.00	17.66 0.10 0.00	9.18 0.02 -2.07	5.45 0.01 -3.00	5.45 0.01 -3.07	5.47 0.01 -3.69	10.76 0.03 -4.84	3.32 -0.08 -6.74	12.87 -0.08 -3.38	24.85 -0.14 0.00	19.05 -0.12 -1.55	23.08 -0.47 0.00	18.53 -0.40 0.00
DUNKIRK___3 23565	11.01 -0.33 -0.47	4.32 -0.07 -2.58	7.25 -0.17 -1.28	8.23 -0.16 -1.07	13.09 -0.27 -0.26	15.97 -0.39 -0.09	14.28 -0.15 -2.59	20.29 -0.22 -0.33	12.20 -0.08 -1.92	19.45 -0.16 0.00	18.95 0.06 0.00	18.33 -0.08 0.00	17.57 0.01 0.00	9.13 -0.01 -2.05	5.41 0.00 -2.97	5.41 0.00 -3.04	5.43 0.00 -3.66	10.69 0.00 -4.80	3.28 -0.07 -6.69	12.79 -0.13 -3.35	24.71 -0.28 0.00	18.94 -0.22 -1.54	22.97 -0.58 0.00	18.46 -0.47 0.00
DUNKIRK___4 23566	11.01 -0.33 -0.47	4.32 -0.07 -2.58	7.25 -0.17 -1.28	8.23 -0.16 -1.07	13.09 -0.27 -0.26	15.97 -0.39 -0.09	14.28 -0.15 -2.59	20.29 -0.22 -0.33	12.20 -0.08 -1.92	19.45 -0.16 0.00	18.95 0.06 0.00	18.33 -0.08 0.00	17.57 0.01 0.00	9.13 -0.01 -2.05	5.41 0.00 -2.97	5.41 0.00 -3.04	5.43 0.00 -3.66	10.69 0.00 -4.80	3.28 -0.07 -6.69	12.79 -0.13 -3.35	24.71 -0.28 0.00	18.94 -0.22 -1.54	22.97 -0.58 0.00	18.46 -0.47 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.20 0.66 -6.66	16.83 0.10 -14.92	13.84 0.31 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.71 0.90 -0.55	27.42 0.67 -14.91	23.28 1.26 -1.85	21.86 0.73 -10.76	20.93 1.32 0.00	20.22 1.34 0.00	19.77 1.37 0.00	18.97 1.41 0.00	20.37 0.57 -12.71	21.09 0.20 -18.45	21.50 0.20 -18.93	24.71 0.15 -22.79	36.33 0.47 -29.97	38.59 -0.26 -42.19	31.42 0.72 -21.12	26.86 1.86 0.00	28.54 1.23 -9.68	25.10 1.55 0.00	20.08 1.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.91 0.66 -6.37	16.17 0.10 -14.26	13.52 0.31 -7.07	13.61 0.37 -5.92	15.20 0.67 -1.43	17.67 0.88 -0.52	26.79 0.67 -14.27	23.20 1.26 -1.76	21.19 0.70 -10.12	20.82 1.21 0.00	20.06 1.17 0.00	19.61 1.21 0.00	18.83 1.27 0.00	19.83 0.52 -12.22	20.36 0.18 -17.74	20.75 0.18 -18.19	23.80 0.14 -21.90	35.17 0.45 -28.83	37.03 -0.25 -40.62	30.61 0.70 -20.34	26.82 1.82 0.00	28.15 1.20 -9.32	25.03 1.48 0.00	20.03 1.10 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.25 0.71 -6.67	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.94 -0.55	27.44 0.69 -14.91	23.37 1.34 -1.85	21.91 0.78 -10.76	21.04 1.43 0.00	20.30 1.40 0.00	19.87 1.46 0.00	19.08 1.52 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.43 0.74 -21.12	26.93 1.94 0.00	28.60 1.30 -9.68	25.17 1.62 0.00	20.17 1.23 0.00
E179THST_13_KV_LOAD 356214	18.29 0.75 -6.67	16.85 0.12 -14.93	13.89 0.35 -7.39	13.94 0.42 -6.20	15.34 0.74 -1.50	17.82 1.00 -0.55	27.49 0.73 -14.91	23.46 1.43 -1.85	21.96 0.83 -10.76	21.13 1.52 0.00	20.38 1.49 0.00	19.96 1.55 0.00	19.17 1.61 0.00	20.44 0.64 -12.71	21.12 0.23 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.38 0.52 -29.97	38.58 -0.27 -42.19	31.48 0.78 -21.12	27.06 2.06 0.00	28.69 1.38 -9.68	25.28 1.73 0.00	20.24 1.31 0.00
EAST HAMPTON___GT 23717	18.68 1.21 -6.59	17.51 0.21 -15.49	14.18 0.65 -7.40	14.28 0.77 -6.20	16.01 1.42 -1.50	21.50 1.88 -3.36	28.80 1.37 -15.59	56.84 2.52 -34.13	23.85 1.32 -12.16	21.97 2.31 -0.04	21.00 2.11 0.00	20.43 2.02 0.00	19.46 1.91 0.00	21.04 0.78 -13.17	47.39 0.31 -44.64	48.60 0.32 -45.91	30.95 0.24 -28.95	39.12 0.81 -32.43	42.11 -0.45 -45.90	47.51 1.32 -36.61	34.38 3.49 -5.90	40.81 2.34 -20.84	30.22 3.02 -3.66	21.08 2.15 0.00
EAST RIVER___6 23660	18.19 0.73 -6.59	16.85 0.11 -14.92	13.87 0.33 -7.39	13.92 0.40 -6.20	15.33 0.74 -1.50	17.79 0.98 -0.55	27.57 0.72 -15.01	23.39 1.35 -1.85	21.95 0.81 -10.77	21.12 1.51 0.00	20.43 1.54 0.00	19.97 1.56 0.00	19.18 1.62 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.72 0.16 -22.79	36.37 0.52 -29.97	38.57 -0.28 -42.19	31.47 0.78 -21.12	27.00 2.01 0.00	28.63 1.32 -9.68	25.20 1.66 0.00	20.17 1.24 0.00

EAST RIVER___7 23524	18.19 0.73 -6.59	16.85 0.11 -14.92	13.87 0.33 -7.39	13.92 0.40 -6.20	15.33 0.74 -1.50	17.79 0.98 -0.55	27.57 0.72 -15.01	23.39 1.35 -1.85	21.95 0.81 -10.77	21.12 1.51 0.00	20.43 1.54 0.00	19.97 1.56 0.00	19.18 1.62 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.72 0.16 -22.79	36.37 0.52 -29.97	38.57 -0.28 -42.19	31.47 0.78 -21.12	27.00 2.01 0.00	28.63 1.32 -9.68	25.20 1.66 0.00	20.17 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.17 0.65 -6.65	16.79 0.10 -14.89	13.81 0.30 -7.37	13.86 0.36 -6.18	15.24 0.65 -1.50	17.67 0.86 -0.55	27.36 0.65 -14.87	23.25 1.23 -1.85	21.81 0.71 -10.73	20.89 1.28 0.00	20.17 1.29 0.00	19.73 1.32 0.00	18.93 1.37 0.00	20.33 0.56 -12.68	21.05 0.20 -18.41	21.46 0.20 -18.89	24.65 0.14 -22.74	36.25 0.46 -29.90	38.51 -0.25 -42.10	31.35 0.70 -21.08	26.81 1.82 0.00	28.50 1.21 -9.66	25.06 1.51 0.00	20.05 1.12 0.00
EAST_HAMPTON___DIESEL 23722	18.68 1.22 -6.59	17.51 0.21 -15.49	14.19 0.65 -7.40	14.29 0.77 -6.20	16.02 1.42 -1.50	21.51 1.89 -3.36	28.80 1.37 -15.59	56.84 2.53 -34.13	23.85 1.32 -12.16	21.97 2.32 -0.04	21.01 2.12 0.00	20.43 2.03 0.00	19.47 1.91 0.00	21.04 0.78 -13.17	47.39 0.31 -44.64	48.60 0.32 -45.91	30.96 0.24 -28.95	39.12 0.81 -32.43	42.11 -0.45 -45.90	47.51 1.32 -36.61	34.38 3.49 -5.90	40.81 2.34 -20.84	30.23 3.03 -3.66	21.09 2.16 0.00
EAST_PULASKI___ESR 323781	11.23 -0.32 -0.68	3.04 -0.06 -1.30	6.57 -0.22 -0.64	7.60 -0.26 -0.54	12.79 -0.44 -0.13	15.84 -0.48 -0.05	12.85 -0.30 -1.30	19.76 -0.58 -0.16	10.99 -0.33 -0.95	18.91 -0.71 0.00	18.24 -0.66 0.00	17.72 -0.68 0.00	16.89 -0.67 0.00	7.85 -0.27 -1.03	3.83 -0.09 -1.49	3.80 -0.09 -1.52	3.53 -0.07 -1.83	8.08 -0.22 -2.41	0.14 0.11 -3.37	11.02 -0.24 -1.69	24.49 -0.50 0.00	18.03 -0.38 -0.78	22.94 -0.60 0.00	18.39 -0.54 0.00
EAST_RIVER___1 323558	18.17 0.71 -6.59	16.84 0.11 -14.92	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.55 0.69 -15.01	23.35 1.31 -1.85	21.92 0.78 -10.77	21.06 1.45 0.00	20.36 1.47 0.00	19.90 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.16 -22.79	36.35 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.76 -21.12	26.95 1.95 0.00	28.60 1.29 -9.68	25.18 1.63 0.00	20.13 1.20 0.00
EAST_RIVER___2 323559	18.19 0.73 -6.59	16.85 0.11 -14.92	13.87 0.33 -7.39	13.92 0.40 -6.20	15.33 0.74 -1.50	17.79 0.98 -0.55	27.57 0.72 -15.01	23.39 1.35 -1.85	21.95 0.81 -10.77	21.12 1.51 0.00	20.43 1.54 0.00	19.97 1.56 0.00	19.18 1.62 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.72 0.16 -22.79	36.37 0.52 -29.97	38.57 -0.28 -42.19	31.47 0.78 -21.12	27.00 2.01 0.00	28.63 1.32 -9.68	25.20 1.66 0.00	20.17 1.24 0.00
EAST___DELAWARE_HYD 23607	17.42 0.87 -5.67	14.78 0.13 -12.84	12.93 0.43 -6.36	13.18 0.53 -5.33	15.32 0.93 -1.29	17.89 1.15 -0.47	25.66 0.93 -12.89	23.36 1.62 -1.56	20.28 0.86 -9.05	21.04 1.43 0.00	20.26 1.37 0.00	19.82 1.41 0.00	19.07 1.51 0.00	17.82 0.61 -10.12	17.32 0.19 -14.69	17.60 0.19 -15.05	20.01 0.13 -18.11	30.46 0.50 -24.08	30.69 -0.27 -34.31	27.53 0.78 -17.17	27.07 2.08 0.00	26.86 1.37 -7.87	25.17 1.62 0.00	20.16 1.23 0.00
EIGHT_POINT___WT_PWR 323820	13.57 0.01 -2.69	4.89 -0.01 -3.10	7.66 -0.02 -1.53	8.63 0.02 -1.29	13.45 0.04 -0.31	16.44 0.06 -0.11	15.11 0.15 -3.12	20.74 0.17 -0.39	12.76 0.11 -2.28	19.73 0.12 0.00	19.14 0.25 0.00	18.46 0.05 0.00	17.67 0.11 0.00	9.57 0.02 -2.46	6.00 0.00 -3.57	6.02 0.00 -3.65	6.15 0.00 -4.39	11.71 0.05 -5.77	4.66 -0.05 -8.06	13.69 0.09 -4.03	25.21 0.22 0.00	19.50 0.02 -1.85	23.38 -0.17 0.00	18.75 -0.18 0.00
ELBRIDGE_115KV_TB2 80188	12.17 -0.21 -1.51	3.56 -0.04 -1.79	6.89 -0.14 -0.88	7.91 -0.16 -0.74	13.02 -0.26 -0.18	16.03 -0.30 -0.07	13.50 -0.14 -1.79	20.13 -0.27 -0.22	11.55 -0.14 -1.31	19.32 -0.29 0.00	18.63 -0.26 0.00	18.11 -0.29 0.00	17.26 -0.30 0.00	8.38 -0.12 -1.41	4.44 -0.03 -2.04	4.42 -0.03 -2.09	4.26 -0.02 -2.51	9.14 -0.06 -3.31	1.32 0.03 -4.64	11.81 -0.09 -2.33	24.79 -0.20 0.00	18.48 -0.21 -1.06	23.15 -0.40 0.00	18.59 -0.35 0.00
ELEC_TRO_TEK 24086	18.37 0.83 -6.67	17.43 0.13 -15.49	13.94 0.40 -7.40	13.99 0.47 -6.20	15.47 0.87 -1.50	20.41 1.17 -2.97	28.20 0.87 -15.49	55.93 1.62 -34.13	23.42 0.90 -12.15	21.27 1.62 -0.04	20.49 1.60 0.00	20.01 1.60 0.00	19.15 1.60 0.00	20.91 0.65 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.87 0.55 -32.43	42.25 -0.30 -45.90	47.05 0.86 -36.61	33.12 2.23 -5.90	39.97 1.50 -20.84	29.16 1.95 -3.66	20.35 1.42 0.00
ELLENBURG_WT_PWR 323604	10.57 -0.30 0.00	1.76 -0.05 0.00	6.11 -0.03 0.00	7.35 0.03 0.00	13.22 0.12 0.00	16.56 0.30 0.00	12.05 0.21 0.00	20.51 0.33 0.00	10.52 0.14 0.00	19.89 0.28 0.00	18.90 0.01 0.00	18.27 -0.13 0.00	17.27 -0.29 0.00	6.93 -0.16 0.00	2.37 -0.07 0.00	2.31 -0.06 0.00	1.73 -0.04 0.00	5.78 -0.11 0.00	-3.30 0.04 0.00	9.60 0.02 0.00	25.17 0.18 0.00	17.85 0.22 0.00	24.04 0.50 0.00	19.46 0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	10.62 -0.59 -0.34	4.20 -0.11 -2.50	7.09 -0.29 -1.24	8.04 -0.31 -1.04	12.79 -0.56 -0.25	15.60 -0.76 -0.09	13.92 -0.44 -2.51	19.70 -0.80 -0.32	11.86 -0.37 -1.85	18.90 -0.71 0.00	18.42 -0.47 0.00	17.83 -0.58 0.00	17.11 -0.45 0.00	8.88 -0.20 -1.98	5.25 -0.06 -2.88	5.26 -0.05 -2.94	5.27 -0.04 -3.54	10.40 -0.13 -4.64	3.14 0.01 -6.48	12.43 -0.39 -3.24	24.00 -1.00 0.00	18.41 -0.71 -1.49	22.37 -1.18 0.00	18.01 -0.92 0.00
EMPIRE_CC_1 323656	19.46 0.32 -8.26	20.57 0.05 -18.71	15.61 0.20 -9.27	15.32 0.23 -7.77	15.39 0.41 -1.88	17.44 0.49 -0.69	31.03 0.37 -18.82	23.13 0.62 -2.33	24.19 0.30 -13.52	20.04 0.43 0.00	19.26 0.37 0.00	18.85 0.44 0.00	18.01 0.46 0.00	22.61 0.20 -15.32	24.71 0.06 -22.22	25.03 0.06 -22.60	28.95 0.05 -27.13	42.16 0.16 -36.11	47.37 -0.10 -50.81	35.29 0.28 -25.43	25.67 0.67 0.00	29.80 0.51 -11.66	24.19 0.64 0.00	19.43 0.49 0.00
EMPIRE_CC_2 323658	19.46 0.32 -8.26	20.57 0.05 -18.71	15.61 0.20 -9.27	15.32 0.23 -7.77	15.39 0.41 -1.88	17.44 0.49 -0.69	31.03 0.37 -18.82	23.13 0.62 -2.33	24.19 0.30 -13.52	20.04 0.43 0.00	19.26 0.37 0.00	18.85 0.44 0.00	18.01 0.46 0.00	22.61 0.20 -15.32	24.71 0.06 -22.22	25.03 0.06 -22.60	28.95 0.05 -27.13	42.16 0.16 -36.11	47.37 -0.10 -50.81	35.29 0.28 -25.43	25.67 0.67 0.00	29.80 0.51 -11.66	24.19 0.64 0.00	19.43 0.49 0.00
ENORWICH_115KV_TB1 80156	13.98 0.63 -2.47	6.22 0.09 -4.32	8.59 0.31 -2.14	9.49 0.38 -1.79	14.18 0.65 -0.43	17.32 0.89 -0.16	17.08 0.86 -4.38	23.10 2.15 -0.76	15.71 0.89 -4.45	20.91 1.30 0.00	19.89 1.00 0.00	19.24 0.83 0.00	18.17 0.61 0.00	12.01 0.17 -4.75	9.38 0.06 -6.89	9.47 0.05 -7.06	10.31 0.05 -8.49	16.00 0.27 -9.83	7.72 -0.15 -11.22	15.83 0.64 -5.62	26.76 1.77 0.00	21.31 1.10 -2.58	24.90 1.35 0.00	19.96 1.03 0.00

ERIE_ST__34_KV_TB1-2 80199	10.89 -0.38 -0.39	4.33 -0.07 -2.60	7.23 -0.20 -1.29	8.20 -0.19 -1.08	13.03 -0.33 -0.26	15.91 -0.45 -0.10	14.24 -0.21 -2.61	20.15 -0.36 -0.33	12.14 -0.16 -1.93	19.32 -0.29 0.00	18.83 -0.06 0.00	18.22 -0.18 0.00	17.50 -0.06 0.00	9.10 -0.05 -2.06	5.41 -0.01 -2.99	5.42 -0.01 -3.06	5.44 -0.01 -3.68	10.70 -0.02 -4.83	3.34 -0.04 -6.73	12.75 -0.20 -3.37	24.56 -0.43 0.00	18.80 -0.37 -1.54	22.87 -0.67 0.00	18.40 -0.53 0.00
ERIE_WT_PWR 323693	10.78 -0.49 -0.40	4.28 -0.09 -2.56	7.17 -0.24 -1.27	8.13 -0.25 -1.07	12.90 -0.45 -0.26	15.73 -0.63 -0.09	14.09 -0.33 -2.58	19.90 -0.61 -0.32	11.97 -0.29 -1.89	19.06 -0.56 0.00	18.58 -0.31 0.00	17.99 -0.41 0.00	17.26 -0.30 0.00	8.99 -0.13 -2.03	5.34 -0.04 -2.95	5.34 -0.04 -3.01	5.36 -0.02 -3.62	10.56 -0.08 -4.75	3.27 -0.01 -6.63	12.59 -0.30 -3.32	24.25 -0.74 0.00	18.61 -0.54 -1.52	22.58 -0.97 0.00	18.18 -0.75 0.00
ESPRGFLD_115KV_TB1 80157	9.81 0.60 1.66	-2.17 0.10 4.07	4.43 0.31 2.02	5.98 0.35 1.69	13.35 0.66 0.41	17.02 0.90 0.15	8.47 0.67 4.05	20.95 1.26 0.49	8.14 0.63 2.87	20.83 1.22 0.00	20.11 1.22 0.00	19.47 1.07 0.00	18.52 0.96 0.00	4.54 0.38 2.93	-1.69 0.13 4.25	-1.88 0.13 4.38	-3.41 0.09 5.27	-0.76 0.36 7.01	-13.61 -0.20 10.07	5.17 0.64 5.04	26.71 1.71 0.00	16.47 1.16 2.31	24.99 1.44 0.00	20.07 1.14 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.30 0.11 -2.31	5.12 0.01 -3.30	7.81 0.03 -1.63	8.73 0.05 -1.37	13.52 0.09 -0.33	16.55 0.17 -0.12	15.35 0.22 -3.29	20.82 0.24 -0.40	12.92 0.12 -2.43	19.76 0.14 0.00	19.06 0.17 0.00	18.52 0.11 0.00	17.64 0.08 0.00	9.61 0.04 -2.48	6.06 0.02 -3.61	6.07 0.02 -3.69	6.22 0.01 -4.44	11.92 0.08 -5.95	5.17 -0.05 -8.56	14.06 0.19 -4.28	25.56 0.57 0.00	19.90 0.30 -1.96	23.82 0.27 0.00	19.10 0.17 0.00
ETNA____115KV_TB2 80207	13.30 0.11 -2.31	5.12 0.01 -3.30	7.81 0.03 -1.63	8.73 0.05 -1.37	13.52 0.09 -0.33	16.55 0.17 -0.12	15.35 0.22 -3.29	20.82 0.24 -0.40	12.92 0.12 -2.43	19.76 0.14 0.00	19.06 0.17 0.00	18.52 0.11 0.00	17.64 0.08 0.00	9.61 0.04 -2.48	6.06 0.02 -3.61	6.07 0.02 -3.69	6.22 0.01 -4.44	11.92 0.08 -5.95	5.17 -0.05 -8.56	14.06 0.19 -4.28	25.56 0.57 0.00	19.90 0.30 -1.96	23.82 0.27 0.00	19.10 0.17 0.00
EUCLID__115KV_TB2 356179	11.37 -0.29 -0.79	3.22 -0.05 -1.47	6.69 -0.18 -0.73	7.72 -0.20 -0.61	12.89 -0.36 -0.15	15.90 -0.42 -0.05	13.07 -0.25 -1.47	19.91 -0.45 -0.18	11.22 -0.22 -1.07	19.14 -0.47 0.00	18.48 -0.41 0.00	17.98 -0.43 0.00	17.16 -0.39 0.00	8.09 -0.16 -1.16	4.06 -0.05 -1.68	4.03 -0.05 -1.71	3.79 -0.04 -2.06	8.48 -0.12 -2.71	0.51 0.05 -3.80	11.29 -0.19 -1.90	24.53 -0.46 0.00	18.13 -0.36 -0.87	22.95 -0.60 0.00	18.42 -0.51 0.00
E_CANADA_CAP_HY 24051	22.56 0.71 -10.98	26.79 0.11 -24.87	18.85 0.38 -12.32	18.08 0.43 -10.33	16.41 0.81 -2.50	18.29 1.11 -0.92	37.63 0.77 -25.02	24.71 1.43 -3.10	29.10 0.68 -18.05	20.94 1.33 0.00	20.20 1.31 0.00	19.53 1.12 0.00	18.57 1.01 0.00	27.57 0.40 -20.07	31.70 0.14 -29.13	32.24 0.14 -29.73	37.61 0.10 -35.74	53.53 0.39 -47.25	62.78 -0.22 -66.35	43.51 0.73 -33.21	26.94 1.94 -0.01	34.23 1.37 -15.22	25.30 1.75 0.00	20.33 1.40 0.00
E_CANADA_MHWK_HY 24050	10.73 -0.14 0.00	1.77 -0.03 0.00	6.01 -0.13 0.00	7.17 -0.15 0.00	12.81 -0.29 0.00	15.94 -0.32 0.00	11.63 -0.21 0.00	19.68 -0.50 0.00	10.11 -0.26 0.00	18.98 -0.64 0.00	18.23 -0.66 0.00	17.76 -0.64 0.00	16.92 -0.64 0.00	6.85 -0.24 0.00	2.34 -0.10 0.00	2.27 -0.10 0.00	1.70 -0.07 0.00	5.69 -0.20 0.00	-3.25 0.10 0.00	9.37 -0.20 0.00	24.55 -0.44 0.00	17.28 -0.35 0.00	23.06 -0.49 0.00	18.50 -0.43 0.00
E_FISHKILL__LBMP 23776	18.26 0.55 -6.84	17.21 0.08 -15.31	13.99 0.26 -7.59	14.00 0.32 -6.36	15.20 0.57 -1.54	17.58 0.75 -0.56	27.70 0.56 -15.29	23.14 1.06 -1.90	22.01 0.60 -11.04	20.67 1.06 0.00	19.95 1.06 0.00	19.51 1.10 0.00	18.70 1.15 0.00	20.53 0.47 -12.97	21.43 0.16 -18.83	21.85 0.17 -19.32	25.15 0.12 -23.26	36.86 0.39 -30.58	39.49 -0.21 -43.05	31.73 0.60 -21.55	26.55 1.56 0.00	28.55 1.04 -9.88	24.84 1.29 0.00	19.89 0.96 0.00
FALCON__SEABRD_CC1 323796	10.66 -0.21 0.00	1.78 -0.03 0.00	6.17 0.03 0.00	7.42 0.10 0.00	13.35 0.26 0.00	16.76 0.49 0.00	12.22 0.37 0.00	20.93 0.75 0.00	10.74 0.37 0.00	20.27 0.66 0.00	19.23 0.33 0.00	18.60 0.19 0.00	17.56 0.01 0.00	7.06 -0.03 0.00	2.41 -0.02 0.00	2.36 -0.01 0.00	1.76 0.00 0.00	5.88 -0.01 0.00	-3.38 -0.03 0.00	9.82 0.24 0.00	25.75 0.76 0.00	18.24 0.62 0.00	24.57 1.02 0.00	19.94 1.01 0.00
FALCON__SEABRD_CC2 323797	10.66 -0.21 0.00	1.78 -0.03 0.00	6.17 0.03 0.00	7.42 0.10 0.00	13.35 0.26 0.00	16.76 0.49 0.00	12.22 0.37 0.00	20.93 0.75 0.00	10.74 0.37 0.00	20.27 0.66 0.00	19.23 0.33 0.00	18.60 0.19 0.00	17.56 0.01 0.00	7.06 -0.03 0.00	2.41 -0.02 0.00	2.36 -0.01 0.00	1.76 0.00 0.00	5.88 -0.01 0.00	-3.38 -0.03 0.00	9.82 0.24 0.00	25.75 0.76 0.00	18.24 0.62 0.00	24.57 1.02 0.00	19.94 1.01 0.00
FAR ROCKAWAY__4 23548	18.49 0.95 -6.67	17.45 0.15 -15.49	14.00 0.47 -7.40	14.07 0.55 -6.20	15.61 1.01 -1.50	20.64 1.33 -3.04	28.33 0.99 -15.49	56.13 1.82 -34.13	23.52 1.00 -12.15	21.47 1.82 -0.04	20.72 1.82 0.00	20.24 1.83 0.00	19.38 1.82 0.00	21.00 0.74 -13.17	47.35 0.27 -44.64	48.54 0.27 -45.91	30.91 0.19 -28.95	38.96 0.64 -32.43	42.24 -0.31 -45.90	47.09 0.90 -36.61	33.23 2.34 -5.90	40.13 1.65 -20.84	29.43 2.22 -3.66	20.55 1.62 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.24 0.71 -6.66	16.84 0.11 -14.92	13.86 0.32 -7.39	13.90 0.39 -6.20	15.30 0.70 -1.50	17.75 0.94 -0.55	27.44 0.69 -14.91	23.34 1.31 -1.85	21.92 0.78 -10.76	21.05 1.44 0.00	20.35 1.46 0.00	19.90 1.49 0.00	19.10 1.54 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.75 -21.12	26.95 1.96 0.00	28.60 1.29 -9.68	25.18 1.63 0.00	20.14 1.20 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.25 0.71 -6.66	16.84 0.11 -14.92	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.71 -1.50	17.76 0.95 -0.55	27.45 0.70 -14.91	23.36 1.33 -1.85	21.92 0.79 -10.76	21.06 1.45 0.00	20.36 1.47 0.00	19.90 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.76 -21.12	26.97 1.98 0.00	28.62 1.31 -9.68	25.20 1.65 0.00	20.15 1.22 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.24 0.70 -6.66	16.84 0.11 -14.92	13.86 0.32 -7.39	13.90 0.39 -6.20	15.30 0.70 -1.50	17.75 0.94 -0.55	27.44 0.69 -14.91	23.34 1.31 -1.85	21.92 0.78 -10.76	21.05 1.44 0.00	20.34 1.45 0.00	19.89 1.49 0.00	19.10 1.54 0.00	20.41 0.62 -12.71	21.10 0.22 -18.45	21.52 0.22 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.58 -0.27 -42.19	31.44 0.75 -21.12	26.94 1.95 0.00	28.59 1.28 -9.68	25.17 1.62 0.00	20.13 1.20 0.00

FARRAGUT___LBMP 323566	18.23 0.70 -6.66	16.84 0.11 -14.92	13.85 0.32 -7.39	13.90 0.38 -6.20	15.29 0.69 -1.50	17.74 0.93 -0.55	27.43 0.68 -14.91	23.32 1.29 -1.85	21.90 0.77 -10.76	21.03 1.41 0.00	20.32 1.43 0.00	19.88 1.47 0.00	19.08 1.52 0.00	20.41 0.61 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.93 1.93 0.00	28.59 1.27 -9.68	25.15 1.60 0.00	20.12 1.18 0.00
FENNER___WINDPWR 24204	12.05 0.07 -1.11	3.68 0.00 -1.87	7.08 0.01 -0.93	8.11 0.02 -0.78	13.32 0.03 -0.19	16.40 0.07 -0.07	13.85 0.12 -1.88	20.54 0.13 -0.23	11.79 0.07 -1.35	19.69 0.08 0.00	18.99 0.09 0.00	18.46 0.05 0.00	17.59 0.03 0.00	8.55 0.00 -1.46	4.55 0.00 -2.12	4.53 0.00 -2.16	4.37 0.00 -2.60	9.35 0.02 -3.44	1.49 -0.02 -4.86	12.12 0.12 -2.43	25.35 0.36 0.00	18.95 0.21 -1.11	23.74 0.19 0.00	19.05 0.12 0.00
FIBERTEK___ENERGY 23856	12.00 -0.16 -1.28	3.48 -0.03 -1.70	6.87 -0.11 -0.84	7.90 -0.13 -0.71	13.04 -0.23 -0.17	16.08 -0.25 -0.06	13.44 -0.11 -1.71	20.16 -0.23 -0.21	11.50 -0.12 -1.25	19.34 -0.27 0.00	18.67 -0.22 0.00	18.17 -0.24 0.00	17.33 -0.23 0.00	8.34 -0.09 -1.34	4.35 -0.03 -1.94	4.33 -0.03 -1.99	4.14 -0.02 -2.39	8.99 -0.05 -3.15	1.10 0.02 -4.42	11.71 -0.07 -2.21	24.83 -0.16 0.00	18.47 -0.17 -1.01	23.20 -0.35 0.00	18.62 -0.31 0.00
FITZPATRICK____ 23598	10.95 -0.45 -0.52	2.91 -0.08 -1.18	6.47 -0.26 -0.58	7.51 -0.30 -0.49	12.67 -0.54 -0.12	15.65 -0.66 -0.04	12.61 -0.43 -1.19	19.58 -0.75 -0.15	10.86 -0.38 -0.87	18.85 -0.76 0.00	18.19 -0.71 0.00	17.70 -0.71 0.00	16.89 -0.67 0.00	7.76 -0.27 -0.94	3.70 -0.09 -1.36	3.67 -0.09 -1.39	3.37 -0.06 -1.67	7.88 -0.21 -2.20	-0.16 0.11 -3.08	10.78 -0.34 -1.54	24.14 -0.85 0.00	17.70 -0.63 -0.71	22.61 -0.94 0.00	18.15 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	18.52 0.97 -6.67	17.46 0.16 -15.49	14.03 0.49 -7.40	14.10 0.58 -6.20	15.67 1.07 -1.50	21.07 1.45 -3.35	28.38 1.05 -15.49	56.31 2.00 -34.13	23.59 1.06 -12.15	21.53 1.87 -0.04	20.60 1.71 0.00	20.05 1.64 0.00	19.12 1.56 0.00	20.90 0.64 -13.17	47.34 0.26 -44.64	48.54 0.26 -45.91	30.91 0.20 -28.95	38.96 0.64 -32.43	42.20 -0.35 -45.90	47.21 1.02 -36.61	33.55 2.66 -5.90	40.27 1.80 -20.84	29.62 2.41 -3.66	20.66 1.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.26 0.72 -6.67	16.85 0.11 -14.93	13.88 0.34 -7.40	13.93 0.42 -6.20	15.35 0.75 -1.50	17.80 0.98 -0.55	27.53 0.75 -14.94	23.41 1.38 -1.85	21.82 0.76 -10.69	20.94 1.33 0.00	20.18 1.29 0.00	19.74 1.33 0.00	18.93 1.38 0.00	20.33 0.56 -12.67	21.04 0.20 -18.40	21.43 0.20 -18.87	24.62 0.15 -22.71	36.28 0.49 -29.90	38.50 -0.27 -42.11	31.42 0.77 -21.08	26.99 1.99 0.00	28.60 1.31 -9.66	25.18 1.63 0.00	20.14 1.21 0.00
FORT ORANGE____ 23900	19.61 0.21 -8.53	21.17 0.03 -19.33	15.87 0.15 -9.58	15.50 0.16 -8.03	15.31 0.27 -1.94	17.28 0.31 -0.71	31.52 0.24 -19.44	23.01 0.43 -2.40	24.52 0.18 -13.97	19.84 0.22 0.00	19.07 0.18 0.00	18.66 0.25 0.00	17.83 0.27 0.00	22.97 0.11 -15.76	25.33 0.04 -22.87	25.72 0.04 -23.31	29.81 0.03 -28.02	43.16 0.12 -37.15	48.86 -0.07 -52.27	35.96 0.22 -26.17	25.56 0.56 -0.01	30.01 0.38 -11.99	23.99 0.45 0.00	19.25 0.31 0.00
FORT_DRUM_COGEN 23780	11.12 -0.23 -0.47	2.64 -0.06 -0.89	6.36 -0.23 -0.44	7.40 -0.29 -0.37	12.77 -0.42 -0.09	15.98 -0.32 -0.03	12.58 -0.16 -0.90	19.85 -0.44 -0.11	10.66 -0.37 -0.66	18.81 -0.80 0.00	18.04 -0.85 0.00	17.42 -0.99 0.00	16.55 -1.01 0.00	7.38 -0.42 -0.71	3.32 -0.14 -1.03	3.28 -0.14 -1.05	2.93 -0.10 -1.27	7.22 -0.34 -1.67	-0.83 0.18 -2.33	10.53 -0.22 -1.17	24.74 -0.26 0.00	17.99 -0.17 -0.53	23.29 -0.26 0.00	18.62 -0.31 0.00
FPL_FAR_ROCK_GT1 24212	18.42 0.95 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.07 0.55 -6.20	15.61 1.01 -1.50	20.64 1.33 -3.05	28.43 0.99 -15.59	56.13 1.82 -34.13	23.53 1.00 -12.16	21.47 1.82 -0.04	20.72 1.83 0.00	20.24 1.83 0.00	19.38 1.82 0.00	21.01 0.74 -13.17	47.35 0.27 -44.64	48.54 0.27 -45.91	30.91 0.19 -28.95	38.96 0.64 -32.43	42.24 -0.31 -45.90	47.09 0.90 -36.61	33.22 2.33 -5.90	40.13 1.66 -20.84	29.43 2.22 -3.66	20.55 1.62 0.00
FPL_FAR_ROCK_GT2 23815	18.42 0.95 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.07 0.55 -6.20	15.61 1.01 -1.50	20.64 1.33 -3.05	28.43 0.99 -15.59	56.13 1.82 -34.13	23.53 1.00 -12.16	21.47 1.82 -0.04	20.72 1.83 0.00	20.24 1.83 0.00	19.38 1.82 0.00	21.01 0.74 -13.17	47.35 0.27 -44.64	48.54 0.27 -45.91	30.91 0.19 -28.95	38.96 0.64 -32.43	42.24 -0.31 -45.90	47.09 0.90 -36.61	33.22 2.33 -5.90	40.13 1.66 -20.84	29.43 2.22 -3.66	20.55 1.62 0.00
FRANKLIN_FALL_HYD 24054	10.67 -0.28 -0.08	1.92 -0.04 -0.15	6.17 -0.05 -0.07	7.37 -0.01 -0.06	13.17 0.05 -0.02	16.43 0.16 -0.01	12.09 0.11 -0.14	20.36 0.16 -0.02	10.52 0.05 -0.11	19.74 0.13 0.00	18.81 -0.08 0.00	18.21 -0.20 0.00	17.24 -0.32 0.00	7.05 -0.17 -0.12	2.54 -0.07 -0.18	2.49 -0.06 -0.18	1.95 -0.04 -0.22	6.06 -0.13 -0.29	-2.88 0.06 -0.41	9.74 -0.03 -0.20	25.00 0.01 0.00	17.82 0.10 -0.09	23.82 0.27 0.00	19.25 0.31 0.00
FREEPORT_EQUS_GT1 23764	18.36 0.89 -6.59	17.45 0.14 -15.49	13.97 0.43 -7.40	14.03 0.51 -6.20	15.54 0.94 -1.50	20.70 1.26 -3.18	28.37 0.93 -15.59	56.05 1.74 -34.13	23.48 0.95 -12.16	21.38 1.72 -0.04	20.57 1.68 0.00	20.08 1.68 0.00	19.22 1.66 0.00	20.94 0.68 -13.17	47.33 0.25 -44.64	48.53 0.25 -45.91	30.89 0.18 -28.95	38.88 0.57 -32.43	42.24 -0.32 -45.90	47.10 0.91 -36.61	33.27 2.38 -5.90	40.08 1.61 -20.84	29.33 2.13 -3.66	20.46 1.53 0.00
FREEPORT___CT2 23818	18.36 0.89 -6.59	17.45 0.14 -15.49	13.97 0.43 -7.40	14.03 0.51 -6.20	15.54 0.94 -1.50	20.70 1.26 -3.18	28.37 0.93 -15.59	56.05 1.74 -34.13	23.48 0.95 -12.16	21.38 1.72 -0.04	20.57 1.68 0.00	20.08 1.68 0.00	19.22 1.66 0.00	20.94 0.68 -13.17	47.33 0.25 -44.64	48.53 0.25 -45.91	30.89 0.18 -28.95	38.88 0.57 -32.43	42.24 -0.32 -45.90	47.10 0.91 -36.61	33.27 2.38 -5.90	40.08 1.61 -20.84	29.33 2.13 -3.66	20.46 1.53 0.00
FRESHKLS_33_KV_LOAD 356253	18.28 0.75 -6.67	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.33 0.73 -1.50	17.80 0.99 -0.55	27.46 0.71 -14.91	23.35 1.32 -1.85	21.91 0.78 -10.76	21.06 1.45 0.00	20.31 1.42 0.00	19.90 1.49 0.00	19.10 1.54 0.00	20.41 0.61 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.37 0.51 -29.97	38.59 -0.26 -42.19	31.47 0.77 -21.12	27.02 2.03 0.00	28.66 1.35 -9.68	25.23 1.69 0.00	20.21 1.27 0.00
FULTON COGEN____ 23766	11.26 -0.35 -0.74	3.16 -0.06 -1.42	6.63 -0.22 -0.70	7.67 -0.25 -0.59	12.80 -0.44 -0.14	15.82 -0.50 -0.05	12.97 -0.31 -1.43	19.81 -0.55 -0.18	11.13 -0.28 -1.04	19.02 -0.60 0.00	18.35 -0.54 0.00	17.86 -0.55 0.00	17.06 -0.50 0.00	8.01 -0.20 -1.12	3.99 -0.07 -1.63	3.97 -0.07 -1.67	3.72 -0.05 -2.00	8.37 -0.15 -2.64	0.42 0.07 -3.69	11.19 -0.23 -1.85	24.42 -0.57 0.00	18.04 -0.44 -0.85	22.84 -0.71 0.00	18.32 -0.61 0.00

FULTON___LFGE 323630	22.15 0.96 -10.32	25.32 0.15 -23.36	18.23 0.51 -11.57	17.62 0.60 -9.70	16.56 1.12 -2.35	18.53 1.41 -0.86	36.40 1.05 -23.50	24.58 1.49 -2.91	28.03 0.72 -16.94	20.74 1.13 0.00	19.88 0.99 0.00	19.18 0.77 0.00	18.14 0.59 0.00	26.24 0.25 -18.89	29.96 0.11 -27.42	30.46 0.11 -27.98	35.50 0.10 -33.63	50.80 0.42 -44.49	58.88 -0.29 -62.51	41.82 0.96 -31.29	27.50 2.50 -0.01	33.67 1.70 -14.34	25.66 2.11 0.00	20.62 1.69 0.00
G.F.CEMENT___DRP 24184	20.35 0.39 -9.09	22.31 0.06 -20.44	16.50 0.23 -10.13	16.10 0.29 -8.49	15.67 0.52 -2.05	17.78 0.76 -0.75	33.13 0.60 -20.69	23.64 0.91 -2.55	25.50 0.40 -14.72	20.22 0.61 0.00	19.41 0.52 0.00	18.95 0.54 0.00	17.95 0.39 0.00	23.85 0.14 -16.62	26.58 0.04 -24.10	26.98 0.04 -24.57	31.33 0.04 -29.52	45.24 0.19 -39.16	51.62 -0.11 -55.08	37.51 0.36 -27.57	25.88 0.89 -0.01	30.88 0.61 -12.64	24.55 1.00 0.00	19.75 0.82 0.00
GARDENVILLE___LBMP 24039	10.71 -0.53 -0.37	4.25 -0.10 -2.54	7.14 -0.27 -1.26	8.10 -0.28 -1.06	12.86 -0.49 -0.25	15.69 -0.67 -0.09	14.03 -0.37 -2.56	19.82 -0.68 -0.32	11.94 -0.32 -1.89	19.00 -0.61 0.00	18.53 -0.37 0.00	17.93 -0.48 0.00	17.20 -0.35 0.00	8.95 -0.16 -2.02	5.31 -0.05 -2.93	5.32 -0.04 -3.00	5.34 -0.03 -3.60	10.50 -0.11 -4.72	3.24 0.00 -6.59	12.54 -0.34 -3.30	24.15 -0.85 0.00	18.53 -0.61 -1.51	22.50 -1.05 0.00	18.11 -0.82 0.00
GARDNVLA_35_KV_LD 355827	10.78 -0.50 -0.41	4.28 -0.09 -2.57	7.17 -0.25 -1.27	8.13 -0.26 -1.07	12.90 -0.46 -0.26	15.73 -0.63 -0.09	14.09 -0.33 -2.58	19.89 -0.62 -0.33	11.98 -0.28 -1.89	19.08 -0.54 0.00	18.60 -0.29 0.00	18.00 -0.41 0.00	17.28 -0.28 0.00	9.00 -0.13 -2.03	5.35 -0.04 -2.95	5.36 -0.04 -3.02	5.38 -0.02 -3.63	10.57 -0.08 -4.76	3.28 -0.02 -6.64	12.61 -0.29 -3.32	24.27 -0.72 0.00	18.62 -0.53 -1.52	22.60 -0.95 0.00	18.19 -0.75 0.00
GELCKHM___115KV_LOAD 80723	11.61 -0.25 -0.98	3.32 -0.05 -1.55	6.76 -0.16 -0.77	7.79 -0.18 -0.64	12.94 -0.31 -0.16	15.96 -0.36 -0.06	13.20 -0.20 -1.56	20.00 -0.37 -0.19	11.32 -0.19 -1.14	19.22 -0.40 0.00	18.55 -0.35 0.00	18.04 -0.36 0.00	17.22 -0.34 0.00	8.18 -0.14 -1.23	4.17 -0.04 -1.78	4.14 -0.04 -1.82	3.93 -0.03 -2.19	8.68 -0.09 -2.88	0.73 0.04 -4.04	11.45 -0.14 -2.02	24.64 -0.35 0.00	18.26 -0.29 -0.93	23.04 -0.51 0.00	18.49 -0.44 0.00
GENERAL___MILLS 23808	10.76 -0.51 -0.40	4.27 -0.10 -2.56	7.16 -0.25 -1.27	8.12 -0.27 -1.07	12.89 -0.47 -0.26	15.72 -0.64 -0.09	14.07 -0.35 -2.57	19.87 -0.64 -0.32	11.98 -0.30 -1.90	19.04 -0.57 0.00	18.56 -0.33 0.00	17.97 -0.43 0.00	17.25 -0.31 0.00	8.98 -0.14 -2.03	5.34 -0.04 -2.95	5.34 -0.04 -3.01	5.37 -0.03 -3.62	10.55 -0.09 -4.75	3.27 -0.01 -6.63	12.58 -0.31 -3.32	24.22 -0.77 0.00	18.59 -0.56 -1.52	22.56 -0.99 0.00	18.16 -0.77 0.00
GE_PLASTICS___DRP 24183	19.71 0.22 -8.62	21.21 0.04 -19.36	15.88 0.14 -9.59	15.52 0.16 -8.04	15.32 0.27 -1.95	17.29 0.31 -0.71	31.64 0.24 -19.56	23.02 0.43 -2.41	24.48 0.20 -13.91	19.89 0.28 0.00	19.15 0.25 0.00	18.72 0.31 0.00	17.90 0.34 0.00	23.01 0.14 -15.78	25.37 0.05 -22.89	25.77 0.05 -23.36	29.88 0.04 -28.07	43.22 0.13 -37.20	48.92 -0.08 -52.34	35.99 0.21 -26.20	25.54 0.55 -0.01	30.02 0.38 -12.01	24.00 0.45 0.00	19.27 0.33 0.00
GILBOA___1 23756	17.81 0.29 -6.64	16.89 0.05 -15.03	13.76 0.17 -7.44	13.76 0.20 -6.24	14.96 0.35 -1.51	17.21 0.39 -0.55	27.26 0.30 -15.11	22.60 0.55 -1.87	21.54 0.29 -10.87	20.09 0.48 0.00	19.36 0.47 0.00	18.90 0.50 0.00	18.06 0.50 0.00	19.49 0.21 -12.19	20.19 0.07 -17.69	20.52 0.07 -18.08	23.56 0.05 -21.74	34.78 0.17 -28.72	36.96 -0.09 -40.40	30.05 0.25 -20.22	25.68 0.68 0.00	27.38 0.49 -9.27	24.15 0.60 0.00	19.38 0.45 0.00
GILBOA___2 23757	17.81 0.29 -6.64	16.89 0.05 -15.03	13.76 0.17 -7.44	13.76 0.20 -6.24	14.96 0.35 -1.51	17.21 0.39 -0.55	27.26 0.30 -15.11	22.60 0.55 -1.87	21.54 0.29 -10.87	20.09 0.48 0.00	19.36 0.47 0.00	18.90 0.50 0.00	18.06 0.50 0.00	19.49 0.21 -12.19	20.19 0.07 -17.69	20.52 0.07 -18.08	23.56 0.05 -21.74	34.78 0.17 -28.72	36.96 -0.09 -40.40	30.05 0.25 -20.22	25.68 0.68 0.00	27.38 0.49 -9.27	24.15 0.60 0.00	19.38 0.45 0.00
GILBOA___3 23758	17.81 0.29 -6.64	16.89 0.05 -15.03	13.76 0.17 -7.44	13.76 0.20 -6.24	14.96 0.35 -1.51	17.21 0.39 -0.55	27.26 0.30 -15.11	22.60 0.55 -1.87	21.54 0.29 -10.87	20.09 0.48 0.00	19.36 0.47 0.00	18.90 0.50 0.00	18.06 0.50 0.00	19.49 0.21 -12.19	20.19 0.07 -17.69	20.52 0.07 -18.08	23.56 0.05 -21.74	34.78 0.17 -28.72	36.96 -0.09 -40.40	30.05 0.25 -20.22	25.68 0.68 0.00	27.38 0.49 -9.27	24.15 0.60 0.00	19.38 0.45 0.00
GILBOA___4 23759	17.81 0.29 -6.64	16.89 0.05 -15.03	13.76 0.17 -7.44	13.76 0.20 -6.24	14.96 0.35 -1.51	17.21 0.39 -0.55	27.26 0.30 -15.11	22.60 0.55 -1.87	21.54 0.29 -10.87	20.09 0.48 0.00	19.36 0.47 0.00	18.90 0.50 0.00	18.06 0.50 0.00	19.49 0.21 -12.19	20.19 0.07 -17.69	20.52 0.07 -18.08	23.56 0.05 -21.74	34.78 0.17 -28.72	36.96 -0.09 -40.40	30.05 0.25 -20.22	25.68 0.68 0.00	27.38 0.49 -9.27	24.15 0.60 0.00	19.38 0.45 0.00
GILBOA___ 23599	17.89 0.29 -6.73	16.89 0.05 -15.03	13.76 0.17 -7.44	13.76 0.20 -6.24	14.96 0.35 -1.51	17.21 0.39 -0.55	27.26 0.30 -15.11	22.60 0.55 -1.87	21.54 0.29 -10.87	20.09 0.48 0.00	19.36 0.47 0.00	18.90 0.50 0.00	18.06 0.50 0.00	19.49 0.20 -12.19	20.19 0.07 -17.69	20.52 0.07 -18.08	23.57 0.05 -21.75	34.78 0.17 -28.72	36.96 -0.09 -40.40	30.05 0.25 -20.22	25.68 0.68 0.00	27.38 0.49 -9.27	24.15 0.59 0.00	19.38 0.45 0.00
GINNA___ 23603	8.81 -0.88 1.18	3.56 -0.15 -1.91	6.61 -0.48 -0.94	7.56 -0.55 -0.79	12.31 -0.98 -0.19	15.11 -1.22 -0.07	12.97 -0.79 -1.92	19.04 -1.38 -0.24	11.07 -0.70 -1.39	18.24 -1.38 0.00	17.66 -1.24 0.00	17.12 -1.28 0.00	16.39 -1.17 0.00	8.13 -0.47 -1.51	4.47 -0.15 -2.19	4.46 -0.15 -2.24	4.35 -0.11 -2.69	9.05 -0.38 -3.54	1.77 0.17 -4.95	11.41 -0.64 -2.48	23.34 -1.65 0.00	17.58 -1.18 -1.14	21.77 -1.78 0.00	17.48 -1.45 0.00
GLEN PARK___ 23778	11.07 -0.21 -0.41	2.67 -0.06 -0.93	6.38 -0.22 -0.46	7.43 -0.27 -0.38	12.80 -0.39 -0.09	16.02 -0.28 -0.03	12.65 -0.13 -0.93	19.89 -0.40 -0.12	10.67 -0.38 -0.68	18.77 -0.84 0.00	18.00 -0.89 0.00	17.39 -1.03 0.00	16.51 -1.04 0.00	7.39 -0.43 -0.73	3.35 -0.14 -1.06	3.31 -0.15 -1.09	2.97 -0.10 -1.31	7.26 -0.35 -1.72	-0.75 0.18 -2.42	10.57 -0.21 -1.21	24.81 -0.18 0.00	18.07 -0.12 -0.55	23.34 -0.21 0.00	18.65 -0.28 0.00
GLENDALE_27_KV_LOAD 356172	18.30 0.76 -6.67	16.85 0.12 -14.93	13.89 0.35 -7.39	13.94 0.42 -6.20	15.35 0.75 -1.50	17.82 1.01 -0.55	27.50 0.74 -14.91	23.46 1.43 -1.85	21.98 0.84 -10.76	21.17 1.55 0.00	20.45 1.56 0.00	20.01 1.60 0.00	19.21 1.65 0.00	20.46 0.66 -12.71	21.12 0.24 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.54 -29.97	38.57 -0.29 -42.19	31.50 0.81 -21.12	27.10 2.10 0.00	28.71 1.40 -9.68	25.30 1.75 0.00	20.25 1.32 0.00

GLENWOOD_IC_1_G5 23712	18.35 0.81 -6.67	17.43 0.13 -15.49	13.92 0.39 -7.40	13.98 0.46 -6.20	15.44 0.84 -1.50	20.35 1.12 -2.97	28.17 0.83 -15.49	55.88 1.57 -34.13	23.40 0.88 -12.15	21.25 1.59 -0.04	20.50 1.61 0.00	20.02 1.61 0.00	19.19 1.63 0.00	20.93 0.66 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.06 0.87 -36.61	33.14 2.25 -5.90	39.97 1.50 -20.84	29.12 1.91 -3.66	20.33 1.39 0.00
GLENWOOD_IC_2_G1 23688	18.21 0.75 -6.59	17.42 0.12 -15.49	13.89 0.35 -7.40	13.94 0.42 -6.20	15.37 0.77 -1.50	18.05 1.03 -0.76	28.20 0.76 -15.59	55.75 1.44 -34.13	23.34 0.82 -12.16	21.13 1.47 -0.04	20.38 1.49 0.00	19.90 1.50 0.00	19.09 1.53 0.00	20.88 0.62 -13.17	47.30 0.22 -44.64	48.50 0.22 -45.91	30.88 0.16 -28.95	38.84 0.52 -32.43	42.27 -0.28 -45.90	46.99 0.80 -36.61	32.96 2.07 -5.90	39.86 1.39 -20.84	28.96 1.75 -3.66	20.22 1.29 0.00
GLENWOOD_IC_3_G1 23689	18.21 0.75 -6.59	17.42 0.12 -15.49	13.89 0.35 -7.40	13.94 0.42 -6.20	15.37 0.77 -1.50	18.05 1.03 -0.76	28.20 0.76 -15.59	55.75 1.44 -34.13	23.34 0.82 -12.16	21.13 1.47 -0.04	20.38 1.49 0.00	19.90 1.50 0.00	19.09 1.53 0.00	20.88 0.62 -13.17	47.30 0.22 -44.64	48.50 0.22 -45.91	30.88 0.16 -28.95	38.84 0.52 -32.43	42.27 -0.28 -45.90	46.99 0.80 -36.61	32.96 2.07 -5.90	39.86 1.39 -20.84	28.96 1.75 -3.66	20.22 1.29 0.00
GLENWOOD___4 23550	18.35 0.81 -6.67	17.43 0.13 -15.49	13.92 0.39 -7.40	13.98 0.46 -6.20	15.44 0.84 -1.50	20.35 1.12 -2.97	28.17 0.83 -15.49	55.88 1.57 -34.13	23.40 0.88 -12.15	21.25 1.59 -0.04	20.50 1.61 0.00	20.02 1.61 0.00	19.19 1.63 0.00	20.93 0.66 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.06 0.87 -36.61	33.14 2.25 -5.90	39.97 1.50 -20.84	29.12 1.91 -3.66	20.33 1.39 0.00
GLENWOOD___5 23614	18.35 0.81 -6.67	17.43 0.13 -15.49	13.92 0.39 -7.40	13.98 0.46 -6.20	15.44 0.84 -1.50	20.35 1.12 -2.97	28.17 0.83 -15.49	55.88 1.57 -34.13	23.40 0.88 -12.15	21.25 1.59 -0.04	20.50 1.61 0.00	20.02 1.61 0.00	19.19 1.63 0.00	20.93 0.66 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.06 0.87 -36.61	33.14 2.25 -5.90	39.97 1.50 -20.84	29.12 1.91 -3.66	20.33 1.39 0.00
GLOBAL GREEN_PORT_GT1 23814	18.65 1.19 -6.59	17.50 0.20 -15.49	14.17 0.63 -7.40	14.26 0.74 -6.20	15.97 1.37 -1.50	21.45 1.83 -3.36	28.76 1.32 -15.59	56.77 2.45 -34.13	23.81 1.28 -12.16	21.91 2.26 -0.04	20.95 2.06 0.00	20.37 1.97 0.00	19.42 1.86 0.00	21.02 0.76 -13.17	47.38 0.30 -44.64	48.59 0.31 -45.91	30.95 0.23 -28.95	39.10 0.79 -32.43	42.12 0.79 -45.90	47.48 1.29 -36.61	34.30 3.41 -5.90	40.75 2.28 -20.84	30.15 2.95 -3.66	21.03 2.10 0.00
GLOBE___DSASP 323697	10.05 -1.05 -0.22	4.01 -0.18 -2.38	6.80 -0.52 -1.18	7.72 -0.59 -0.99	12.27 -1.07 -0.24	14.95 -1.40 -0.09	13.31 -0.92 -2.39	18.83 -1.65 -0.30	11.35 -0.79 -1.76	18.12 -1.49 0.00	17.67 -1.22 0.00	17.09 -1.32 0.00	16.41 -1.15 0.00	8.50 -0.48 -1.89	5.02 -0.15 -2.74	5.02 -0.15 -2.80	5.03 -0.11 -3.37	9.97 -0.34 -4.42	2.95 0.13 -6.17	11.88 -0.77 -3.09	22.94 -2.05 0.00	17.64 -1.40 -1.41	21.44 -2.11 0.00	17.30 -1.64 0.00
GOETHSLN___LBMP 323567	18.18 0.65 -6.66	16.83 0.10 -14.92	13.82 0.29 -7.39	13.86 0.34 -6.20	15.22 0.62 -1.50	17.65 0.84 -0.55	27.37 0.62 -14.91	23.21 1.17 -1.85	21.85 0.72 -10.76	20.93 1.32 0.00	20.24 1.35 0.00	19.80 1.39 0.00	19.01 1.45 0.00	20.37 0.57 -12.71	21.09 0.20 -18.45	21.50 0.20 -18.93	24.70 0.14 -22.79	36.31 0.46 -29.97	38.60 -0.24 -42.19	31.38 0.69 -21.12	26.77 1.77 0.00	28.48 1.17 -9.68	25.01 1.46 0.00	20.02 1.09 0.00
GOLAH___69_KV_TB 1_2 80279	10.11 -0.42 0.34	3.72 -0.08 -1.98	6.91 -0.22 -0.98	7.91 -0.23 -0.82	12.91 -0.38 -0.20	15.85 -0.49 -0.07	13.59 -0.24 -1.99	19.97 -0.46 -0.25	11.63 -0.17 -1.43	19.14 -0.47 0.00	18.45 -0.44 0.00	17.86 -0.55 0.00	17.11 -0.45 0.00	8.47 -0.18 -1.57	4.65 -0.06 -2.28	4.64 -0.06 -2.33	4.53 -0.04 -2.80	9.43 -0.14 -3.68	1.81 0.02 -5.13	11.88 -0.26 -2.57	24.36 -0.63 0.00	18.36 -0.45 -1.18	22.71 -0.84 0.00	18.24 -0.69 0.00
GOODYEAR_LAKE_HYD 323669	12.73 0.43 -1.42	4.65 0.07 -2.78	7.73 0.22 -1.37	8.73 0.26 -1.15	13.85 0.47 -0.28	16.99 0.63 -0.10	15.14 0.51 -2.79	21.46 0.90 -0.38	13.04 0.46 -2.20	20.46 0.85 0.00	19.74 0.85 0.00	19.19 0.79 0.00	18.27 0.71 0.00	9.80 0.28 -2.43	6.06 0.10 -3.53	6.06 0.09 -3.60	6.17 0.07 -4.33	11.69 0.27 -5.53	3.89 -0.15 -7.38	13.73 0.46 -3.70	26.23 1.24 0.00	20.13 0.81 -1.70	24.52 0.97 0.00	19.67 0.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	13.47 0.12 -2.48	6.42 0.01 -4.60	8.44 0.02 -2.28	9.28 0.05 -1.91	13.63 0.07 -0.46	16.57 0.13 -0.17	16.50 0.18 -4.48	21.04 0.27 -0.59	13.97 0.17 -3.43	19.84 0.23 0.00	19.16 0.27 0.00	18.62 0.21 0.00	17.78 0.22 0.00	10.91 0.09 -3.73	7.88 0.04 -5.41	7.94 0.03 -5.54	8.45 0.03 -6.66	14.66 0.11 -8.66	8.55 -0.05 -11.94	15.71 0.16 -5.98	25.45 0.46 0.00	20.58 0.21 -2.74	23.72 0.17 0.00	19.04 0.11 0.00
GOUDEY___7 23579	13.48 0.12 -2.48	6.42 0.01 -4.60	8.45 0.03 -2.28	9.28 0.05 -1.91	13.64 0.08 -0.46	16.58 0.14 -0.17	16.51 0.19 -4.48	21.06 0.28 -0.59	13.98 0.17 -3.43	19.86 0.25 0.00	19.18 0.28 0.00	18.63 0.23 0.00	17.80 0.24 0.00	10.91 0.09 -3.73	7.89 0.04 -5.41	7.94 0.03 -5.54	8.46 0.03 -6.66	14.67 0.12 -8.66	8.55 -0.05 -11.94	15.72 0.17 -5.98	25.47 0.48 0.00	20.59 0.22 -2.74	23.74 0.19 0.00	19.05 0.12 0.00
GOUDEY___8 23580	13.47 0.12 -2.48	6.42 0.01 -4.60	8.44 0.02 -2.28	9.28 0.05 -1.91	13.63 0.07 -0.46	16.57 0.13 -0.17	16.50 0.18 -4.48	21.04 0.27 -0.59	13.97 0.17 -3.43	19.84 0.23 0.00	19.16 0.27 0.00	18.62 0.21 0.00	17.78 0.22 0.00	10.91 0.09 -3.73	7.88 0.04 -5.41	7.94 0.03 -5.54	8.45 0.03 -6.66	14.66 0.11 -8.66	8.55 -0.05 -11.94	15.71 0.16 -5.98	25.45 0.46 0.00	20.58 0.21 -2.74	23.72 0.17 0.00	19.04 0.11 0.00
GOWANUS_GT1_1 24077	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT1_2 24078	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00

GOWANUS_GT1_3 24079	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT1_4 24080	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT1_5 24084	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT1_6 24111	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT1_7 24112	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT1_8 24113	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_1 24114	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_2 24115	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_3 24116	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_4 24117	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_5 24118	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_6 24119	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_7 24120	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT2_8 24121	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT3_1 24122	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00

GOWANUS_GT3_2 24123	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT3_3 24124	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT3_4 24125	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT3_5 24126	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT3_6 24127	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT3_7 24128	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT3_8 24129	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_1 24130	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_2 24131	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_3 24132	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_4 24133	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_5 24134	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_6 24135	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_7 24136	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GOWANUS_GT4_8 24137	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00

GREENBSH_115KV_TB3 55895	19.69 0.16 -8.66	21.29 0.03 -19.45	15.91 0.13 -9.64	15.53 0.13 -8.08	15.27 0.22 -1.96	17.21 0.23 -0.72	31.70 0.18 -19.67	22.93 0.33 -2.42	24.45 0.14 -13.93	19.78 0.17 0.00	19.03 0.14 0.00	18.62 0.21 0.00	17.79 0.24 0.00	23.05 0.11 -15.86	25.47 0.03 -23.00	25.86 0.04 -23.45	29.98 0.03 -28.18	43.37 0.10 -37.38	49.18 -0.06 -52.59	36.07 0.17 -26.32	25.41 0.42 -0.01	29.99 0.29 -12.07	23.88 0.33 0.00	19.16 0.23 0.00
GREENDGE_115KV_TB5 80291	16.71 -0.05 -5.89	4.75 -0.02 -2.96	7.56 -0.05 -1.47	8.52 -0.03 -1.23	13.33 -0.06 -0.30	16.34 -0.03 -0.11	14.90 0.12 -2.94	20.67 0.12 -0.37	12.58 0.07 -2.14	19.63 0.01 0.00	18.98 0.08 0.00	18.40 -0.01 0.00	17.58 0.02 0.00	9.44 0.01 -2.34	5.83 0.00 -3.40	5.84 0.00 -3.47	5.95 0.00 -4.18	11.42 0.04 -5.49	4.31 -0.04 -7.69	13.51 0.09 -3.85	25.26 0.27 0.00	19.47 0.08 -1.77	23.45 -0.10 0.00	18.80 -0.13 0.00
GREENIDGE___3 23582	16.71 -0.05 -5.89	4.75 -0.02 -2.96	7.56 -0.05 -1.47	8.52 -0.03 -1.23	13.33 -0.06 -0.30	16.34 -0.03 -0.11	14.90 0.12 -2.94	20.67 0.12 -0.37	12.58 0.07 -2.14	19.63 0.01 0.00	18.98 0.08 0.00	18.40 -0.01 0.00	17.58 0.02 0.00	9.44 0.01 -2.34	5.83 0.00 -3.40	5.84 0.00 -3.47	5.95 0.00 -4.18	11.42 0.04 -5.49	4.31 -0.04 -7.69	13.51 0.09 -3.85	25.26 0.27 0.00	19.47 0.08 -1.77	23.45 -0.10 0.00	18.80 -0.13 0.00
GREENIDGE___4 23583	16.71 -0.05 -5.89	4.75 -0.02 -2.96	7.56 -0.05 -1.47	8.52 -0.03 -1.23	13.33 -0.06 -0.30	16.34 -0.04 -0.11	14.94 0.11 -2.98	20.67 0.12 -0.37	12.60 0.07 -2.17	19.63 0.01 0.00	18.98 0.08 0.00	18.40 -0.01 0.00	17.58 0.02 0.00	9.43 0.00 -2.34	5.83 0.00 -3.40	5.84 0.00 -3.47	5.94 0.00 -4.17	11.42 0.04 -5.49	4.31 -0.04 -7.69	13.51 0.09 -3.85	25.27 0.28 0.00	19.47 0.08 -1.77	23.45 -0.10 0.00	18.80 -0.13 0.00
GREENLWN_69_KV_BK 3 55738	18.43 0.89 -6.67	17.45 0.14 -15.49	13.98 0.44 -7.40	14.03 0.51 -6.20	15.55 0.95 -1.50	20.87 1.26 -3.34	28.27 0.93 -15.49	56.06 1.75 -34.13	23.46 0.94 -12.15	21.32 1.67 -0.04	20.49 1.60 0.00	19.99 1.59 0.00	19.12 1.56 0.00	20.90 0.64 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.18 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.06 0.87 -36.61	33.15 2.27 -5.90	40.00 1.53 -20.84	29.24 2.04 -3.66	20.41 1.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.29 0.75 -6.67	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.33 0.74 -1.50	17.81 0.99 -0.55	27.48 0.73 -14.91	23.42 1.39 -1.85	21.96 0.82 -10.76	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.64 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.08 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
GRISSOM___SOLAR 323813	22.15 0.96 -10.32	25.32 0.15 -23.36	18.23 0.51 -11.57	17.62 0.60 -9.70	16.56 1.12 -2.35	18.53 1.41 -0.86	36.40 1.05 -23.50	24.58 1.49 -2.91	28.03 0.72 -16.94	20.74 1.13 0.00	19.88 0.99 0.00	19.18 0.77 0.00	18.14 0.59 0.00	26.24 0.25 -18.89	29.96 0.11 -27.42	30.46 0.11 -27.98	35.50 0.10 -33.63	50.80 0.42 -44.49	58.88 -0.29 -62.51	41.82 0.96 -31.29	27.50 2.50 -0.01	33.67 1.70 -14.34	25.66 2.11 0.00	20.62 1.69 0.00
GROVEVILLE___HYD 323602	18.26 0.72 -6.67	16.85 0.11 -14.93	13.88 0.34 -7.40	13.93 0.42 -6.20	15.35 0.75 -1.50	17.80 0.98 -0.55	27.53 0.75 -14.94	23.41 1.38 -1.85	21.82 0.76 -10.69	20.94 1.33 0.00	20.18 1.29 0.00	19.74 1.33 0.00	18.93 1.38 0.00	20.33 0.56 -12.67	21.04 0.20 -18.40	21.43 0.20 -18.87	24.62 0.15 -22.71	36.28 0.49 -29.90	38.50 -0.27 -42.11	31.42 0.77 -21.08	26.99 1.99 0.00	28.60 1.31 -9.66	25.18 1.63 0.00	20.14 1.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	12.00 -0.16 -1.28	3.48 -0.03 -1.70	6.87 -0.11 -0.84	7.90 -0.13 -0.71	13.04 -0.23 -0.17	16.08 -0.25 -0.06	13.44 -0.11 -1.71	20.16 -0.23 -0.21	11.50 -0.12 -1.25	19.34 -0.27 0.00	18.67 -0.22 0.00	18.17 -0.24 0.00	17.33 -0.23 0.00	8.34 -0.09 -1.34	4.35 -0.03 -1.94	4.33 -0.03 -1.99	4.14 -0.02 -2.39	8.99 -0.05 -3.15	1.10 0.02 -4.42	11.71 -0.07 -2.21	24.83 -0.16 0.00	18.47 -0.17 -1.01	23.20 -0.35 0.00	18.62 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	12.13 -0.17 -1.42	3.57 -0.03 -1.79	6.92 -0.11 -0.89	7.94 -0.13 -0.74	13.07 -0.21 -0.18	16.10 -0.23 -0.07	13.57 -0.08 -1.80	20.23 -0.17 -0.22	11.61 -0.08 -1.31	19.42 -0.19 0.00	18.72 -0.17 0.00	18.20 -0.20 0.00	17.35 -0.21 0.00	8.42 -0.08 -1.41	4.46 -0.02 -2.05	4.44 -0.02 -2.10	4.27 -0.01 -2.52	9.18 -0.03 -3.32	1.32 0.00 -4.66	11.87 -0.04 -2.33	24.93 -0.06 0.00	18.58 -0.11 -1.07	23.25 -0.29 0.00	18.67 -0.26 0.00
HAMPSHIRE___PAPER_HYD 323593	10.66 -0.42 -0.21	2.20 -0.08 -0.46	6.11 -0.27 -0.23	7.18 -0.33 -0.20	12.61 -0.54 -0.05	15.73 -0.55 -0.02	11.92 -0.39 -0.47	19.52 -0.72 -0.06	10.26 -0.45 -0.34	18.79 -0.82 0.00	18.01 -0.87 0.00	17.45 -0.96 0.00	16.57 -0.98 0.00	7.06 -0.41 -0.37	2.83 -0.14 -0.54	2.78 -0.14 -0.55	2.33 -0.10 -0.66	6.43 -0.33 -0.87	-1.93 0.19 -1.23	9.83 -0.36 -0.61	24.22 -0.77 0.00	17.40 -0.51 -0.28	22.90 -0.65 0.00	18.40 -0.54 0.00
HARDSCRABBLE_WT_PWR 323673	10.76 -0.11 0.00	1.78 -0.03 0.00	6.03 -0.12 0.00	7.18 -0.14 0.00	12.82 -0.28 0.00	15.97 -0.29 0.00	11.64 -0.20 0.00	19.72 -0.46 0.00	10.15 -0.23 0.00	19.10 -0.51 0.00	18.36 -0.53 0.00	17.84 -0.57 0.00	16.97 -0.59 0.00	6.87 -0.22 0.00	2.34 -0.09 0.00	2.27 -0.10 0.00	1.71 -0.06 0.00	5.70 -0.18 0.00	-3.25 0.09 0.00	9.38 -0.19 0.00	24.59 -0.40 0.00	17.29 -0.34 0.00	23.10 -0.45 0.00	18.57 -0.36 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.64 0.65 -6.12	15.59 0.10 -13.68	13.22 0.30 -6.78	13.36 0.36 -5.68	15.12 0.64 -1.38	17.61 0.84 -0.50	26.17 0.65 -13.67	23.06 1.18 -1.69	20.91 0.67 -9.87	20.81 1.19 0.00	20.11 1.22 0.00	19.67 1.27 0.00	18.88 1.33 0.00	19.40 0.54 -11.76	19.71 0.19 -17.08	20.09 0.19 -17.52	23.00 0.14 -21.09	34.11 0.47 -27.75	35.49 -0.26 -39.09	29.85 0.71 -19.56	26.82 1.83 0.00	27.80 1.21 -8.97	25.03 1.48 0.00	20.03 1.10 0.00
HARSNRAD_115KV_TB1 81005	10.27 -0.75 -0.15	4.02 -0.13 -2.34	6.93 -0.37 -1.16	7.88 -0.41 -0.97	12.59 -0.75 -0.23	15.35 -1.00 -0.09	13.58 -0.61 -2.35	19.35 -1.12 -0.29	11.55 -0.55 -1.72	18.57 -1.04 0.00	18.10 -0.79 0.00	17.50 -0.91 0.00	16.80 -0.76 0.00	8.63 -0.32 -1.86	5.03 -0.10 -2.70	5.04 -0.09 -2.76	5.02 -0.07 -3.32	10.01 -0.23 -4.36	2.79 0.06 -6.08	12.04 -0.58 -3.04	23.50 -1.49 0.00	18.00 -1.02 -1.39	21.94 -1.61 0.00	17.67 -1.26 0.00
HARZA MOOSE___RIVER 24016	11.18 -0.02 -0.32	2.38 -0.02 -0.59	6.37 -0.07 -0.30	7.47 -0.10 -0.25	13.03 -0.13 -0.06	16.23 -0.06 -0.02	12.46 0.02 -0.60	20.19 -0.06 -0.07	10.73 -0.08 -0.44	19.41 -0.20 0.00	18.68 -0.22 0.00	18.11 -0.30 0.00	17.22 -0.34 0.00	7.42 -0.14 -0.47	3.06 -0.05 -0.68	3.01 -0.06 -0.70	2.57 -0.04 -0.84	6.88 -0.12 -1.11	-1.74 0.06 -1.55	10.34 -0.01 -0.78	25.10 0.11 0.00	18.05 0.07 -0.36	23.61 0.07 0.00	18.94 0.00 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	11.49 -0.24 -0.85	3.32 -0.04 -1.56	6.76 -0.15 -0.77	7.80 -0.17 -0.65	12.95 -0.30 -0.16	15.98 -0.34 -0.06	13.23 -0.18 -1.56	20.04 -0.34 -0.19	11.35 -0.17 -1.15	19.25 -0.37 0.00	18.58 -0.31 0.00	18.08 -0.33 0.00	17.26 -0.30 0.00	8.20 -0.12 -1.23	4.18 -0.04 -1.78	4.16 -0.04 -1.82	3.94 -0.03 -2.20	8.70 -0.08 -2.89	0.74 0.04 -4.05	11.47 -0.13 -2.03	24.67 -0.32 0.00	18.29 -0.27 -0.93	23.07 -0.48 0.00	18.51 -0.42 0.00
HELLGATE_13_KV_LD 55870	18.26 0.72 -6.67	16.85 0.11 -14.93	13.87 0.33 -7.39	13.92 0.40 -6.20	15.31 0.71 -1.50	17.77 0.95 -0.55	27.45 0.69 -14.91	23.38 1.35 -1.85	21.93 0.79 -10.76	21.07 1.46 0.00	20.35 1.47 0.00	19.92 1.51 0.00	19.13 1.57 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.76 -21.12	26.96 1.96 0.00	28.62 1.31 -9.68	25.19 1.64 0.00	20.17 1.24 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.26 0.72 -6.67	16.85 0.11 -14.93	13.87 0.33 -7.39	13.92 0.40 -6.20	15.31 0.71 -1.50	17.77 0.95 -0.55	27.45 0.69 -14.91	23.38 1.35 -1.85	21.93 0.79 -10.76	21.07 1.46 0.00	20.35 1.47 0.00	19.92 1.51 0.00	19.13 1.57 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.76 -21.12	26.96 1.96 0.00	28.62 1.31 -9.68	25.19 1.64 0.00	20.17 1.24 0.00
HEMPSTEAD____ 23647	18.28 0.81 -6.59	17.43 0.13 -15.49	13.93 0.39 -7.40	13.98 0.46 -6.20	15.45 0.85 -1.50	20.52 1.15 -3.10	28.29 0.85 -15.59	55.92 1.60 -34.13	23.42 0.88 -12.16	21.26 1.60 -0.04	20.47 1.58 0.00	19.98 1.57 0.00	19.13 1.57 0.00	20.91 0.64 -13.17	47.31 0.24 -44.64	48.52 0.24 -45.91	30.88 0.17 -28.95	38.86 0.55 -32.43	42.25 -0.30 -45.90	47.04 0.86 -36.61	33.10 2.21 -5.90	39.96 1.49 -20.84	29.15 1.94 -3.66	20.33 1.40 0.00
HEWLETT__69_KV_BK3 55828	18.45 0.91 -6.67	17.45 0.15 -15.49	13.98 0.44 -7.40	14.05 0.53 -6.20	15.57 0.97 -1.50	20.58 1.27 -3.04	28.28 0.95 -15.49	56.05 1.74 -34.13	23.48 0.96 -12.15	21.40 1.74 -0.04	20.64 1.75 0.00	20.17 1.77 0.00	19.31 1.75 0.00	20.98 0.72 -13.17	47.34 0.26 -44.64	48.53 0.25 -45.91	30.90 0.19 -28.95	38.93 0.61 -32.43	42.24 -0.31 -45.90	47.08 0.89 -36.61	33.21 2.32 -5.90	40.08 1.61 -20.84	29.33 2.12 -3.66	20.48 1.55 0.00
HICKLING__1 23621	13.94 0.18 -2.89	5.51 0.01 -3.70	8.02 0.04 -1.83	8.94 0.09 -1.54	13.61 0.14 -0.37	16.66 0.26 -0.14	15.87 0.31 -3.72	21.14 0.49 -0.47	13.37 0.29 -2.71	20.08 0.47 0.00	19.40 0.51 0.00	18.81 0.40 0.00	17.99 0.43 0.00	10.20 0.17 -2.94	6.77 0.06 -4.27	6.80 0.06 -4.37	7.07 0.05 -5.25	12.97 0.20 -6.89	6.17 -0.09 -9.60	14.66 0.28 -4.81	25.76 0.77 0.00	20.19 0.36 -2.20	23.86 0.31 0.00	19.13 0.20 0.00
HICKLING__2 23622	13.94 0.18 -2.89	5.51 0.01 -3.70	8.02 0.04 -1.83	8.94 0.09 -1.54	13.61 0.14 -0.37	16.66 0.26 -0.14	15.87 0.31 -3.72	21.14 0.49 -0.47	13.37 0.29 -2.71	20.08 0.47 0.00	19.40 0.51 0.00	18.81 0.40 0.00	17.99 0.43 0.00	10.20 0.17 -2.94	6.77 0.06 -4.27	6.80 0.06 -4.37	7.07 0.05 -5.25	12.97 0.20 -6.89	6.17 -0.09 -9.60	14.66 0.28 -4.81	25.76 0.77 0.00	20.19 0.36 -2.20	23.86 0.31 0.00	19.13 0.20 0.00
HIGH FALLS__HY 23754	18.35 0.99 -6.49	16.50 0.15 -14.54	13.80 0.45 -7.20	13.91 0.55 -6.04	15.54 0.99 -1.46	18.08 1.28 -0.54	27.43 1.01 -14.58	23.79 1.82 -1.79	21.58 0.98 -10.22	21.23 1.62 0.00	20.34 1.45 0.00	19.87 1.46 0.00	19.09 1.53 0.00	19.65 0.61 -11.95	19.99 0.21 -17.34	20.33 0.21 -17.76	23.28 0.15 -21.37	34.68 0.52 -28.27	36.35 -0.28 -39.98	30.40 0.81 -20.01	27.18 2.19 0.00	28.21 1.41 -9.17	25.30 1.75 0.00	20.23 1.30 0.00
HILLBURN__GT 23639	17.68 0.65 -6.16	15.86 0.10 -13.95	13.35 0.29 -6.91	13.47 0.35 -5.79	15.13 0.63 -1.40	17.59 0.81 -0.51	26.51 0.64 -14.03	23.06 1.15 -1.73	21.10 0.67 -10.06	20.82 1.21 0.00	20.14 1.25 0.00	19.71 1.30 0.00	18.92 1.37 0.00	19.66 0.56 -12.01	20.07 0.20 -17.44	20.46 0.20 -17.89	23.45 0.14 -21.54	34.68 0.46 -28.33	36.30 -0.25 -39.90	30.24 0.69 -19.97	26.76 1.76 0.00	27.95 1.17 -9.16	24.98 1.43 0.00	20.00 1.07 0.00
HILLSIDE_115KV_TB1 80332	13.78 0.09 -2.81	5.62 -0.01 -3.82	8.02 -0.02 -1.89	8.92 0.01 -1.59	13.48 0.00 -0.38	16.47 0.06 -0.14	15.86 0.17 -3.84	20.89 0.23 -0.48	13.33 0.17 -2.78	19.85 0.24 0.00	19.19 0.30 0.00	18.64 0.23 0.00	17.82 0.26 0.00	10.23 0.10 -3.04	6.89 0.04 -4.41	6.92 0.04 -4.52	7.23 0.03 -5.43	13.14 0.13 -7.11	6.53 -0.03 -9.91	14.69 0.15 -4.96	25.45 0.46 0.00	20.02 0.12 -2.27	23.57 0.02 0.00	18.91 -0.02 0.00
HISHELDN_WT_PWR 323625	12.84 -0.44 -2.40	4.44 -0.08 -2.72	7.26 -0.23 -1.35	8.22 -0.23 -1.13	12.95 -0.42 -0.27	15.80 -0.57 -0.10	14.28 -0.30 -2.74	19.97 -0.56 -0.34	12.12 -0.26 -2.01	19.10 -0.51 0.00	18.59 -0.30 0.00	17.99 -0.42 0.00	17.24 -0.32 0.00	9.11 -0.14 -2.16	5.52 -0.05 -3.13	5.53 -0.04 -3.20	5.59 -0.03 -3.85	10.85 -0.09 -5.05	3.71 0.01 -7.05	12.83 -0.27 -3.53	24.31 -0.68 0.00	18.71 -0.53 -1.62	22.60 -0.95 0.00	18.18 -0.75 0.00
HOLTSVILLE_IC_1 23690	18.41 0.94 -6.59	17.45 0.15 -15.49	14.01 0.48 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	21.02 1.39 -3.36	28.45 1.01 -15.59	56.21 1.89 -34.13	23.54 1.01 -12.16	21.43 1.77 -0.04	20.54 1.65 0.00	20.01 1.60 0.00	19.10 1.54 0.00	20.89 0.63 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.14 0.96 -36.61	33.38 2.49 -5.90	40.16 1.69 -20.84	29.47 2.26 -3.66	20.54 1.61 0.00
HOLTSVILLE_IC_10 23699	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.11 0.58 -6.20	15.68 1.08 -1.50	21.09 1.48 -3.35	28.50 1.06 -15.59	56.32 2.01 -34.13	23.60 1.07 -12.16	21.53 1.88 -0.04	20.61 1.72 0.00	20.06 1.65 0.00	19.14 1.58 0.00	20.91 0.64 -13.17	47.34 0.26 -44.64	48.54 0.26 -45.91	30.91 0.20 -28.95	38.96 0.64 -32.43	42.20 -0.35 -45.90	47.21 1.03 -36.61	33.58 2.69 -5.90	40.29 1.82 -20.84	29.63 2.42 -3.66	20.65 1.72 0.00
HOLTSVILLE_IC_2 23691	18.41 0.94 -6.59	17.45 0.15 -15.49	14.01 0.48 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	21.02 1.39 -3.36	28.45 1.01 -15.59	56.21 1.89 -34.13	23.54 1.01 -12.16	21.43 1.77 -0.04	20.54 1.65 0.00	20.01 1.60 0.00	19.10 1.54 0.00	20.89 0.63 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.14 0.96 -36.61	33.38 2.49 -5.90	40.16 1.69 -20.84	29.47 2.26 -3.66	20.54 1.61 0.00
HOLTSVILLE_IC_3 23692	18.41 0.94 -6.59	17.45 0.15 -15.49	14.01 0.48 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	21.02 1.39 -3.36	28.45 1.01 -15.59	56.21 1.89 -34.13	23.54 1.01 -12.16	21.43 1.77 -0.04	20.54 1.65 0.00	20.01 1.60 0.00	19.10 1.54 0.00	20.89 0.63 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.14 0.96 -36.61	33.38 2.49 -5.90	40.16 1.69 -20.84	29.47 2.26 -3.66	20.54 1.61 0.00

HOLTSVILLE_IC_4 23693	18.41 0.94 -6.59	17.45 0.15 -15.49	14.01 0.48 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	21.02 1.39 -3.36	28.45 1.01 -15.59	56.21 1.89 -34.13	23.54 1.01 -12.16	21.43 1.77 -0.04	20.54 1.65 0.00	20.01 1.60 0.00	19.10 1.54 0.00	20.89 0.63 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.14 0.96 -36.61	33.38 2.49 -5.90	40.16 1.69 -20.84	29.47 2.26 -3.66	20.54 1.61 0.00
HOLTSVILLE_IC_5 23694	18.41 0.94 -6.59	17.45 0.15 -15.49	14.01 0.48 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	21.02 1.39 -3.36	28.45 1.01 -15.59	56.21 1.89 -34.13	23.54 1.01 -12.16	21.43 1.77 -0.04	20.54 1.65 0.00	20.01 1.60 0.00	19.10 1.54 0.00	20.89 0.63 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.14 0.96 -36.61	33.38 2.49 -5.90	40.16 1.69 -20.84	29.47 2.26 -3.66	20.54 1.61 0.00
HOLTSVILLE_IC_6 23695	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.11 0.58 -6.20	15.68 1.08 -1.50	21.09 1.48 -3.35	28.50 1.06 -15.59	56.32 2.01 -34.13	23.60 1.07 -12.16	21.53 1.88 -0.04	20.61 1.72 0.00	20.06 1.65 0.00	19.14 1.58 0.00	20.91 0.64 -13.17	47.34 0.26 -44.64	48.54 0.26 -45.91	30.91 0.20 -28.95	38.96 0.64 -32.43	42.20 -0.35 -45.90	47.21 1.03 -36.61	33.58 2.69 -5.90	40.29 1.82 -20.84	29.63 2.42 -3.66	20.65 1.72 0.00
HOLTSVILLE_IC_7 23696	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.11 0.58 -6.20	15.68 1.08 -1.50	21.09 1.48 -3.35	28.50 1.06 -15.59	56.32 2.01 -34.13	23.60 1.07 -12.16	21.53 1.88 -0.04	20.61 1.72 0.00	20.06 1.65 0.00	19.14 1.58 0.00	20.91 0.64 -13.17	47.34 0.26 -44.64	48.54 0.26 -45.91	30.91 0.20 -28.95	38.96 0.64 -32.43	42.20 -0.35 -45.90	47.21 1.03 -36.61	33.58 2.69 -5.90	40.29 1.82 -20.84	29.63 2.42 -3.66	20.65 1.72 0.00
HOLTSVILLE_IC_8 23697	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.11 0.58 -6.20	15.68 1.08 -1.50	21.09 1.48 -3.35	28.50 1.06 -15.59	56.32 2.01 -34.13	23.60 1.07 -12.16	21.53 1.88 -0.04	20.61 1.72 0.00	20.06 1.65 0.00	19.14 1.58 0.00	20.91 0.64 -13.17	47.34 0.26 -44.64	48.54 0.26 -45.91	30.91 0.20 -28.95	38.96 0.64 -32.43	42.20 -0.35 -45.90	47.21 1.03 -36.61	33.58 2.69 -5.90	40.29 1.82 -20.84	29.63 2.42 -3.66	20.65 1.72 0.00
HOLTSVILLE_IC_9 23698	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.11 0.58 -6.20	15.68 1.08 -1.50	21.09 1.48 -3.35	28.50 1.06 -15.59	56.32 2.01 -34.13	23.60 1.07 -12.16	21.53 1.88 -0.04	20.61 1.72 0.00	20.06 1.65 0.00	19.14 1.58 0.00	20.91 0.64 -13.17	47.34 0.26 -44.64	48.54 0.26 -45.91	30.91 0.20 -28.95	38.96 0.64 -32.43	42.20 -0.35 -45.90	47.21 1.03 -36.61	33.58 2.69 -5.90	40.29 1.82 -20.84	29.63 2.42 -3.66	20.65 1.72 0.00
HOMER_HL_115KV_TB2 355744	12.23 0.12 -1.24	4.68 0.00 -2.87	7.56 -0.01 -1.42	8.57 0.06 -1.19	13.55 0.16 -0.29	16.58 0.21 -0.11	15.01 0.29 -2.87	21.12 0.57 -0.37	12.79 0.27 -2.15	20.15 0.54 0.00	19.57 0.68 0.00	18.90 0.49 0.00	18.13 0.57 0.00	9.61 0.21 -2.32	5.88 0.08 -3.36	5.88 0.07 -3.44	5.95 0.05 -4.14	11.44 0.13 -5.43	4.10 -0.11 -7.56	13.46 0.10 -3.79	25.39 0.39 0.00	19.48 0.11 -1.73	23.68 0.13 0.00	19.10 0.16 0.00
HOWARD_WT_PWR 323690	13.68 0.02 -2.79	4.94 -0.01 -3.13	7.69 -0.01 -1.55	8.65 0.03 -1.30	13.48 0.06 -0.31	16.47 0.09 -0.12	15.17 0.17 -3.16	20.79 0.21 -0.39	12.81 0.13 -2.31	19.77 0.15 0.00	19.18 0.28 0.00	18.48 0.08 0.00	17.69 0.13 0.00	9.60 0.02 -2.49	6.04 0.00 -3.61	6.06 0.00 -3.69	6.21 0.00 -4.44	11.79 0.06 -5.83	4.75 -0.06 -8.16	13.76 0.10 -4.08	25.24 0.25 0.00	19.55 0.05 -1.87	23.42 -0.13 0.00	18.79 -0.14 0.00
HQ_GEN_CEDARS 23644	10.79 -0.16 -0.07	1.93 -0.02 -0.14	6.15 -0.06 -0.07	7.30 -0.08 -0.06	13.00 -0.11 -0.01	16.10 -0.17 -0.01	11.81 -0.16 -0.13	19.94 -0.26 -0.02	10.31 -0.17 -0.10	19.42 -0.19 0.00	18.68 -0.21 0.00	18.17 -0.24 0.00	17.31 -0.25 0.00	7.10 -0.11 -0.12	2.56 -0.05 -0.17	2.50 -0.05 -0.18	1.95 -0.03 -0.21	6.06 -0.11 -0.28	-2.88 0.08 -0.39	9.62 -0.15 -0.20	24.62 -0.37 0.00	17.52 -0.20 -0.09	23.37 -0.18 0.00	18.86 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	10.72 -0.16 0.00	1.79 -0.02 0.00	6.08 -0.06 0.00	7.24 -0.08 0.00	12.99 -0.11 0.00	16.09 -0.17 0.00	11.68 -0.16 0.00	19.92 -0.26 0.00	10.21 -0.17 0.00	19.42 -0.19 0.00	18.68 -0.21 0.00	18.17 -0.24 0.00	17.31 -0.25 0.00	6.98 -0.11 0.00	2.39 -0.05 0.00	2.32 -0.05 0.00	1.73 -0.03 0.00	5.78 -0.11 0.00	-3.27 0.08 0.00	9.42 -0.15 0.00	24.62 -0.37 0.00	17.43 -0.20 0.00	23.37 -0.18 0.00	18.86 -0.07 0.00
HQ_GEN_IMPORT 323601	10.77 -0.10 0.00	1.80 -0.01 0.00	6.11 -0.03 0.00	7.27 -0.04 0.00	13.02 -0.07 0.00	16.15 -0.12 0.00	11.72 -0.12 0.00	19.96 -0.22 0.00	10.25 -0.12 0.00	19.46 -0.16 0.00	18.72 -0.17 0.00	18.22 -0.18 0.00	17.37 -0.18 0.00	7.01 -0.08 0.00	2.40 -0.03 0.00	2.34 -0.03 0.00	1.75 -0.02 0.00	5.81 -0.07 0.00	-3.29 0.05 0.00	9.45 -0.13 0.00	24.66 -0.34 0.00	17.43 -0.20 0.00	23.37 -0.18 0.00	18.83 -0.10 0.00
HQ_GEN_WHEEL 23651	10.77 -0.10 0.00	1.80 -0.01 0.00	6.11 -0.03 0.00	7.27 -0.04 0.00	13.02 -0.07 0.00	16.15 -0.12 0.00	11.72 -0.12 0.00	19.96 -0.22 0.00	10.25 -0.12 0.00	19.46 -0.16 0.00	18.72 -0.17 0.00	18.22 -0.18 0.00	17.37 -0.18 0.00	7.01 -0.08 0.00	2.40 -0.03 0.00	2.34 -0.03 0.00	1.75 -0.02 0.00	5.81 -0.07 0.00	-3.29 0.05 0.00	9.45 -0.13 0.00	24.66 -0.34 0.00	17.43 -0.20 0.00	23.37 -0.18 0.00	18.83 -0.10 0.00
HUDSON_AVE_GT_3 23810	18.18 0.72 -6.59	16.84 0.11 -14.92	13.86 0.32 -7.39	13.91 0.39 -6.20	15.31 0.71 -1.50	17.77 0.95 -0.55	27.55 0.70 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.07 1.45 0.00	20.36 1.47 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.76 -21.12	26.98 1.98 0.00	28.62 1.31 -9.68	25.20 1.65 0.00	20.15 1.22 0.00
HUDSON_AVE_GT_4 23540	18.18 0.72 -6.59	16.84 0.11 -14.92	13.86 0.32 -7.39	13.91 0.39 -6.20	15.31 0.71 -1.50	17.77 0.95 -0.55	27.55 0.70 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.07 1.45 0.00	20.36 1.47 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.76 -21.12	26.98 1.98 0.00	28.62 1.31 -9.68	25.20 1.65 0.00	20.15 1.22 0.00
HUDSON_AVE_GT_5 23657	18.18 0.72 -6.59	16.84 0.11 -14.92	13.86 0.32 -7.39	13.91 0.39 -6.20	15.31 0.71 -1.50	17.77 0.95 -0.55	27.55 0.70 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.07 1.45 0.00	20.36 1.47 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.76 -21.12	26.98 1.98 0.00	28.62 1.31 -9.68	25.20 1.65 0.00	20.15 1.22 0.00

HUDSON_AVE_10 24168	18.23 0.69 -6.66	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.72 0.91 -0.55	27.42 0.67 -14.91	23.30 1.27 -1.85	21.89 0.75 -10.76	21.00 1.39 0.00	20.28 1.39 0.01	19.83 1.43 0.01	19.05 1.49 0.00	20.39 0.60 -12.70	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.89 1.89 0.00	28.56 1.25 -9.68	25.14 1.59 0.00	20.11 1.18 0.00
HUDSON___115KV_TB 4 355613	19.55 0.31 -8.37	20.66 0.05 -18.81	15.66 0.20 -9.32	15.35 0.22 -7.81	15.38 0.39 -1.89	17.45 0.49 -0.69	31.22 0.38 -18.99	23.19 0.67 -2.34	24.11 0.26 -13.47	19.96 0.35 0.00	19.16 0.27 0.00	18.73 0.32 0.00	17.89 0.34 0.00	22.59 0.14 -15.36	24.76 0.05 -22.28	25.15 0.05 -22.74	29.13 0.04 -27.33	42.27 0.17 -36.22	47.52 -0.11 -50.97	35.42 0.33 -25.51	25.89 0.89 0.00	29.92 0.59 -11.70	24.27 0.72 0.00	19.46 0.53 0.00
HUNTER MOUNT___DRP 323613	19.24 0.31 -8.06	19.95 0.05 -18.09	15.32 0.21 -8.97	15.06 0.23 -7.51	15.33 0.42 -1.82	17.47 0.54 -0.67	30.50 0.41 -18.25	23.14 0.72 -2.24	23.52 0.25 -12.89	19.93 0.32 0.00	19.11 0.22 0.00	18.68 0.27 0.00	17.82 0.27 0.00	22.01 0.11 -14.81	23.96 0.04 -21.49	24.35 0.04 -21.94	28.19 0.04 -26.38	40.99 0.16 -34.94	45.75 -0.11 -49.20	34.55 0.35 -24.63	25.96 0.96 0.00	29.54 0.62 -11.29	24.31 0.76 0.00	19.50 0.57 0.00
HUNTINGTON_RES_REC 323705	18.39 0.93 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.05 0.54 -6.20	15.59 0.99 -1.50	20.97 1.36 -3.35	28.43 0.99 -15.59	56.19 1.88 -34.13	23.53 1.00 -12.16	21.41 1.76 -0.04	20.51 1.62 0.00	19.98 1.57 0.00	19.08 1.52 0.00	20.89 0.62 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.92 0.60 -32.43	42.23 -0.33 -45.90	47.14 0.95 -36.61	33.36 2.47 -5.90	40.14 1.67 -20.84	29.44 2.23 -3.66	20.52 1.59 0.00
HUNTLEY___63 23557	10.46 -0.68 -0.27	4.11 -0.12 -2.42	7.01 -0.33 -1.20	7.96 -0.36 -1.00	12.69 -0.65 -0.24	15.47 -0.88 -0.09	13.75 -0.52 -2.43	19.51 -0.98 -0.30	11.71 -0.45 -1.79	18.74 -0.87 0.00	18.29 -0.60 0.00	17.69 -0.71 0.00	16.99 -0.57 0.00	8.77 -0.24 -1.92	5.14 -0.08 -2.79	5.14 -0.07 -2.85	5.14 -0.05 -3.43	10.22 -0.16 -4.50	2.96 0.03 -6.27	12.24 -0.47 -3.14	23.78 -1.22 0.00	18.23 -0.84 -1.44	22.16 -1.39 0.00	17.85 -1.08 0.00
HUNTLEY___64 23558	10.46 -0.68 -0.27	4.11 -0.12 -2.42	7.01 -0.33 -1.20	7.96 -0.36 -1.00	12.69 -0.65 -0.24	15.47 -0.88 -0.09	13.75 -0.52 -2.43	19.51 -0.98 -0.30	11.71 -0.45 -1.79	18.74 -0.87 0.00	18.29 -0.60 0.00	17.69 -0.71 0.00	16.99 -0.57 0.00	8.77 -0.24 -1.92	5.14 -0.08 -2.79	5.14 -0.07 -2.85	5.14 -0.05 -3.43	10.22 -0.16 -4.50	2.96 0.03 -6.27	12.24 -0.47 -3.14	23.78 -1.22 0.00	18.23 -0.84 -1.44	22.16 -1.39 0.00	17.85 -1.08 0.00
HUNTLEY___65 23559	10.46 -0.68 -0.27	4.11 -0.12 -2.42	7.01 -0.33 -1.20	7.96 -0.36 -1.00	12.69 -0.65 -0.24	15.47 -0.88 -0.09	13.75 -0.52 -2.43	19.51 -0.98 -0.30	11.71 -0.45 -1.79	18.74 -0.87 0.00	18.29 -0.60 0.00	17.69 -0.71 0.00	16.99 -0.57 0.00	8.77 -0.24 -1.92	5.14 -0.08 -2.79	5.14 -0.07 -2.85	5.14 -0.05 -3.43	10.22 -0.16 -4.50	2.96 0.03 -6.27	12.24 -0.47 -3.14	23.78 -1.22 0.00	18.23 -0.84 -1.44	22.16 -1.39 0.00	17.85 -1.08 0.00
HUNTLEY___66 23560	10.46 -0.68 -0.27	4.11 -0.12 -2.42	7.01 -0.33 -1.20	7.96 -0.36 -1.00	12.69 -0.65 -0.24	15.47 -0.88 -0.09	13.75 -0.52 -2.43	19.51 -0.98 -0.30	11.71 -0.45 -1.79	18.74 -0.87 0.00	18.29 -0.60 0.00	17.69 -0.71 0.00	16.99 -0.57 0.00	8.77 -0.24 -1.92	5.14 -0.08 -2.79	5.14 -0.07 -2.85	5.14 -0.05 -3.43	10.22 -0.16 -4.50	2.96 0.03 -6.27	12.24 -0.47 -3.14	23.78 -1.22 0.00	18.23 -0.84 -1.44	22.16 -1.39 0.00	17.85 -1.08 0.00
HUNTLEY___67 23561	10.48 -0.70 -0.31	4.14 -0.12 -2.46	7.02 -0.35 -1.22	7.97 -0.38 -1.02	12.67 -0.68 -0.25	15.45 -0.91 -0.09	13.77 -0.55 -2.47	19.48 -1.01 -0.31	11.72 -0.47 -1.82	18.70 -0.91 0.00	18.23 -0.66 0.00	17.64 -0.76 0.00	16.94 -0.62 0.00	8.78 -0.27 -1.95	5.18 -0.08 -2.83	5.19 -0.08 -2.90	5.20 -0.05 -3.49	10.27 -0.19 -4.57	3.07 0.04 -6.37	12.28 -0.48 -3.19	23.74 -1.25 0.00	18.22 -0.87 -1.46	22.15 -1.40 0.00	17.84 -1.09 0.00
HUNTLEY___68 23562	10.48 -0.70 -0.31	4.14 -0.12 -2.46	7.02 -0.35 -1.22	7.97 -0.38 -1.02	12.67 -0.68 -0.25	15.45 -0.91 -0.09	13.77 -0.55 -2.47	19.48 -1.01 -0.31	11.72 -0.47 -1.82	18.70 -0.91 0.00	18.23 -0.66 0.00	17.64 -0.76 0.00	16.94 -0.62 0.00	8.78 -0.27 -1.95	5.18 -0.08 -2.83	5.19 -0.08 -2.90	5.20 -0.05 -3.49	10.27 -0.19 -4.57	3.07 0.04 -6.37	12.28 -0.48 -3.19	23.74 -1.25 0.00	18.22 -0.87 -1.46	22.15 -1.40 0.00	17.84 -1.09 0.00
HYLAND___LFGE 323620	12.55 0.05 -1.63	4.44 -0.01 -2.64	7.47 0.01 -1.31	8.48 0.06 -1.10	13.49 0.13 -0.27	16.66 0.30 -0.10	14.83 0.32 -2.66	20.98 0.46 -0.33	12.27 -0.05 -1.94	19.49 -0.12 0.00	18.80 -0.09 0.00	18.18 -0.23 0.00	17.39 -0.17 0.00	9.11 -0.08 -2.10	5.46 -0.02 -3.04	5.46 -0.02 -3.11	5.50 -0.01 -3.74	10.80 0.00 -4.91	3.47 -0.05 -6.86	13.23 0.22 -3.43	25.82 0.83 0.00	19.75 0.55 -1.57	23.97 0.42 0.00	19.17 0.24 0.00
INDECK___CORINTH 23802	20.25 0.33 -9.05	22.36 0.05 -20.50	16.49 0.20 -10.15	16.07 0.24 -8.51	15.60 0.44 -2.06	17.69 0.67 -0.75	32.98 0.52 -20.61	23.55 0.82 -2.55	25.56 0.37 -14.83	20.16 0.55 0.00	19.35 0.45 0.00	18.83 0.42 0.00	17.80 0.24 0.00	23.81 0.06 -16.66	26.61 0.01 -24.17	27.02 0.01 -24.64	31.38 0.01 -29.61	45.25 0.10 -39.26	51.82 -0.06 -55.23	37.42 0.20 -27.64	25.48 0.49 -0.01	30.64 0.34 -12.67	24.38 0.83 0.00	19.63 0.70 0.00
INDECK___ILION 23567	10.95 -0.04 -0.12	2.02 -0.01 -0.22	6.20 -0.05 -0.11	7.35 -0.06 -0.09	13.01 -0.11 -0.02	16.15 -0.12 -0.01	12.01 -0.06 -0.22	20.05 -0.16 -0.03	10.45 -0.09 -0.17	19.38 -0.23 0.00	18.65 -0.24 0.00	18.16 -0.24 0.00	17.32 -0.24 0.00	7.18 -0.09 -0.18	2.66 -0.04 -0.26	2.60 -0.03 -0.27	2.07 -0.02 -0.32	6.24 -0.07 -0.42	-2.72 0.03 -0.59	9.81 -0.06 -0.30	24.89 -0.10 0.00	17.67 -0.10 -0.14	23.39 -0.16 0.00	18.77 -0.16 0.00
INDECK___OLEAN 23982	12.27 0.13 -1.27	4.68 0.00 -2.87	7.56 -0.01 -1.42	8.58 0.06 -1.19	13.55 0.17 -0.29	16.58 0.21 -0.11	15.03 0.29 -2.90	21.13 0.58 -0.37	12.79 0.27 -2.14	20.15 0.54 0.00	19.57 0.69 0.00	18.90 0.49 0.00	18.13 0.57 0.00	9.62 0.21 -2.32	5.88 0.08 -3.36	5.88 0.07 -3.44	5.95 0.05 -4.13	11.44 0.13 -5.43	4.10 -0.11 -7.56	13.46 0.10 -3.79	25.40 0.40 0.00	19.48 0.12 -1.73	23.68 0.13 0.00	19.10 0.17 0.00
INDECK___OSWEGO 23783	11.10 -0.39 -0.62	3.13 -0.07 -1.40	6.59 -0.24 -0.69	7.62 -0.28 -0.58	12.74 -0.49 -0.14	15.74 -0.58 -0.05	12.88 -0.37 -1.40	19.69 -0.66 -0.17	11.04 -0.35 -1.02	18.91 -0.71 0.00	18.25 -0.64 0.00	17.75 -0.65 0.00	16.94 -0.62 0.00	7.94 -0.25 -1.10	3.95 -0.08 -1.60	3.92 -0.08 -1.64	3.67 -0.06 -1.97	8.28 -0.19 -2.58	0.37 0.10 -3.62	11.10 -0.28 -1.81	24.30 -0.70 0.00	17.93 -0.53 -0.83	22.74 -0.81 0.00	18.25 -0.68 0.00

INDECK___YERKES 23781	10.48 -0.66 -0.27	4.11 -0.12 -2.42	7.02 -0.32 -1.20	7.97 -0.35 -1.00	12.70 -0.64 -0.24	15.49 -0.86 -0.09	13.77 -0.51 -2.44	19.55 -0.93 -0.30	11.72 -0.44 -1.79	18.76 -0.85 0.00	18.31 -0.58 0.00	17.71 -0.69 0.00	17.01 -0.55 0.00	8.78 -0.23 -1.92	5.15 -0.07 -2.79	5.14 -0.07 -2.85	5.14 -0.05 -3.42	10.25 -0.14 -4.50	2.95 0.03 -6.27	12.26 -0.45 -3.14	23.82 -1.18 0.00	18.25 -0.81 -1.44	22.19 -1.36 0.00	17.88 -1.05 0.00
INDIAN POINT_GT_1 24139	17.99 0.62 -6.50	16.63 0.10 -14.73	13.72 0.28 -7.30	13.77 0.34 -6.11	15.19 0.61 -1.48	17.63 0.82 -0.54	27.27 0.62 -14.81	23.17 1.16 -1.83	21.67 0.67 -10.62	20.82 1.20 0.00	20.10 1.21 0.00	19.65 1.25 0.00	18.86 1.30 0.00	20.19 0.53 -12.57	20.88 0.19 -18.26	21.29 0.19 -18.73	24.46 0.14 -22.55	35.99 0.45 -29.65	38.17 -0.24 -41.76	31.16 0.68 -20.90	26.74 1.75 0.00	28.37 1.16 -9.58	24.99 1.44 0.00	19.99 1.06 0.00
INDIAN POINT_GT_2 23659	17.99 0.62 -6.50	16.63 0.10 -14.73	13.72 0.28 -7.30	13.77 0.34 -6.11	15.19 0.61 -1.48	17.63 0.82 -0.54	27.27 0.62 -14.81	23.17 1.16 -1.83	21.67 0.67 -10.62	20.82 1.20 0.00	20.10 1.21 0.00	19.65 1.25 0.00	18.86 1.30 0.00	20.19 0.53 -12.57	20.88 0.19 -18.26	21.29 0.19 -18.73	24.46 0.14 -22.55	35.99 0.45 -29.65	38.17 -0.24 -41.76	31.16 0.68 -20.90	26.74 1.75 0.00	28.37 1.16 -9.58	24.99 1.44 0.00	19.99 1.06 0.00
INDIAN POINT_GT_3 24019	17.99 0.62 -6.50	16.63 0.10 -14.73	13.72 0.28 -7.30	13.77 0.34 -6.11	15.19 0.61 -1.48	17.63 0.82 -0.54	27.27 0.62 -14.81	23.17 1.16 -1.83	21.67 0.67 -10.62	20.82 1.20 0.00	20.10 1.21 0.00	19.65 1.25 0.00	18.86 1.30 0.00	20.19 0.53 -12.57	20.88 0.19 -18.26	21.29 0.19 -18.73	24.46 0.14 -22.55	35.99 0.45 -29.65	38.17 -0.24 -41.76	31.16 0.68 -20.90	26.74 1.75 0.00	28.37 1.16 -9.58	24.99 1.44 0.00	19.99 1.06 0.00
INDIAN POINT___2 23530	17.87 0.62 -6.38	16.35 0.10 -14.44	13.58 0.28 -7.16	13.66 0.34 -6.00	15.16 0.61 -1.45	17.62 0.82 -0.53	26.99 0.62 -14.52	23.14 1.16 -1.79	21.46 0.67 -10.42	20.82 1.21 0.00	20.11 1.22 0.00	19.66 1.26 0.00	18.87 1.31 0.00	20.01 0.53 -12.39	20.61 0.19 -17.99	21.01 0.19 -18.45	24.12 0.14 -22.21	35.55 0.45 -29.22	37.55 -0.24 -41.14	30.85 0.68 -20.59	26.75 1.76 0.00	28.23 1.16 -9.44	25.00 1.45 0.00	20.00 1.07 0.00
INDIAN POINT___3 23531	18.07 0.61 -6.58	16.64 0.09 -14.74	13.72 0.28 -7.30	13.78 0.34 -6.12	15.18 0.61 -1.48	17.62 0.81 -0.54	27.18 0.61 -14.72	23.15 1.15 -1.83	21.66 0.66 -10.63	20.80 1.19 0.00	20.08 1.19 0.00	19.64 1.23 0.00	18.84 1.28 0.00	20.19 0.52 -12.58	20.89 0.19 -18.27	21.30 0.19 -18.74	24.47 0.14 -22.57	36.00 0.44 -29.67	38.19 -0.24 -41.78	31.16 0.67 -20.91	26.72 1.72 0.00	28.36 1.14 -9.59	24.97 1.42 0.00	19.98 1.05 0.00
INGHAM_C_115KV_TB7 356103	10.85 -0.14 -0.12	2.00 -0.03 -0.22	6.12 -0.13 -0.11	7.26 -0.15 -0.09	12.83 -0.29 -0.02	15.95 -0.33 -0.01	11.86 -0.21 -0.22	19.71 -0.50 -0.03	10.28 -0.26 -0.17	18.98 -0.64 0.00	18.23 -0.66 0.00	17.77 -0.64 0.00	16.92 -0.64 0.00	7.03 -0.24 -0.18	2.60 -0.10 -0.26	2.54 -0.10 -0.27	2.02 -0.07 -0.32	6.11 -0.20 -0.42	-2.66 0.10 -0.59	9.66 -0.20 -0.30	24.55 -0.44 0.00	17.41 -0.35 -0.14	23.06 -0.49 0.00	18.49 -0.44 0.00
IP CORINTH___1 23988	20.32 0.33 -9.12	22.36 0.05 -20.50	16.49 0.20 -10.15	16.07 0.24 -8.51	15.60 0.44 -2.06	17.69 0.67 -0.76	33.11 0.52 -20.74	23.55 0.82 -2.55	25.51 0.37 -14.77	20.16 0.55 0.00	19.35 0.45 0.00	18.85 0.44 0.00	17.84 0.28 0.00	23.84 0.09 -16.66	26.62 0.02 -24.17	27.03 0.02 -24.64	31.39 0.02 -29.61	45.28 0.13 -39.26	51.80 -0.08 -55.23	37.48 0.26 -27.64	25.62 0.62 -0.01	30.73 0.43 -12.67	24.40 0.86 0.00	19.64 0.71 0.00
IP___TICONDEROGA 23804	20.58 0.61 -9.10	22.37 0.10 -20.46	16.68 0.40 -10.14	16.33 0.52 -8.50	16.08 0.93 -2.06	18.43 1.41 -0.75	33.67 1.12 -20.71	24.19 1.46 -2.55	25.78 0.66 -14.74	20.66 1.05 0.00	19.84 0.96 0.00	19.45 1.05 0.00	18.35 0.79 0.00	24.05 0.32 -16.63	26.68 0.12 -24.13	27.08 0.11 -24.60	31.41 0.09 -29.55	45.57 0.48 -39.20	51.52 -0.27 -55.14	38.00 0.82 -27.60	27.03 2.03 -0.01	31.65 1.37 -12.65	25.41 1.86 0.00	20.44 1.51 0.00
ISLIP_RES_REC 323679	18.49 1.02 -6.59	17.47 0.17 -15.49	14.06 0.52 -7.40	14.13 0.61 -6.20	15.73 1.14 -1.50	21.15 1.54 -3.35	28.55 1.12 -15.59	56.42 2.10 -34.13	23.65 1.12 -12.16	21.63 1.98 -0.04	20.70 1.81 0.00	20.15 1.74 0.00	19.22 1.66 0.00	20.94 0.68 -13.17	47.35 0.27 -44.64	48.55 0.28 -45.91	30.92 0.21 -28.95	39.00 0.68 -32.43	42.18 -0.37 -45.90	47.28 1.09 -36.61	33.74 2.85 -5.90	40.39 1.92 -20.84	29.76 2.55 -3.66	20.74 1.81 0.00
JAMAICA__27_KV_LOAD 355505	18.28 0.74 -6.66	16.85 0.11 -14.92	13.88 0.34 -7.39	13.93 0.41 -6.20	15.33 0.73 -1.50	17.79 0.98 -0.55	27.45 0.70 -14.91	23.38 1.35 -1.85	21.92 0.78 -10.76	21.06 1.45 0.00	20.28 1.40 0.01	19.83 1.43 0.01	19.07 1.51 0.00	20.40 0.61 -12.70	21.10 0.22 -18.45	21.51 0.22 -18.93	24.71 0.16 -22.79	36.35 0.49 -29.97	38.58 -0.26 -42.19	31.45 0.76 -21.12	26.95 1.96 0.00	28.61 1.30 -9.68	25.27 1.72 0.00	20.21 1.27 0.00
JANIS___SOLAR 323808	13.63 0.35 -2.40	5.71 0.05 -3.86	8.21 0.16 -1.91	9.12 0.20 -1.60	13.84 0.36 -0.39	16.93 0.53 -0.14	16.44 0.59 -4.01	23.24 2.29 -0.76	15.69 0.87 -4.45	20.76 1.15 0.00	19.65 0.76 0.00	18.97 0.56 0.00	17.90 0.34 0.00	11.90 0.06 -4.75	9.35 0.03 -6.89	9.42 0.01 -7.05	10.27 0.03 -8.47	15.56 0.20 -9.47	6.58 -0.09 -10.02	15.01 0.42 -5.02	26.19 1.20 0.00	20.65 0.72 -2.30	24.36 0.81 0.00	19.53 0.60 0.00
JARVIS____ 23743	10.86 -0.02 0.00	1.80 -0.01 0.00	6.12 -0.02 0.00	7.30 -0.02 0.00	13.06 -0.04 0.00	16.22 -0.05 0.00	11.83 -0.01 0.00	20.16 -0.02 0.00	10.36 -0.01 0.00	19.57 -0.04 0.00	18.85 -0.04 0.00	18.36 -0.05 0.00	17.52 -0.04 0.00	7.08 -0.01 0.00	2.43 0.00 0.00	2.36 0.00 0.00	1.76 0.00 0.00	5.88 -0.01 0.00	-3.34 0.00 0.00	9.57 0.00 0.00	24.99 0.00 0.00	17.62 -0.01 0.00	23.50 -0.05 0.00	18.88 -0.05 0.00
JENNISON___1 23625	13.88 0.47 -2.54	6.65 0.07 -4.77	8.73 0.22 -2.36	9.58 0.28 -1.98	14.07 0.49 -0.48	17.12 0.68 -0.18	17.26 0.63 -4.79	22.22 1.27 -0.76	15.40 0.58 -4.45	20.52 0.90 0.00	19.67 0.78 0.00	19.10 0.69 0.00	18.14 0.58 0.00	12.05 0.21 -4.75	9.40 0.07 -6.89	9.49 0.07 -7.06	10.31 0.06 -8.49	16.33 0.25 -10.19	8.92 -0.14 -12.41	16.29 0.50 -6.21	26.38 1.39 0.00	21.33 0.86 -2.85	24.56 1.02 0.00	19.69 0.76 0.00
JENNISON___2 23626	13.88 0.47 -2.54	6.65 0.07 -4.77	8.73 0.22 -2.36	9.58 0.28 -1.98	14.07 0.49 -0.48	17.12 0.68 -0.18	17.26 0.63 -4.79	22.22 1.27 -0.76	15.40 0.58 -4.45	20.52 0.90 0.00	19.67 0.78 0.00	19.10 0.69 0.00	18.14 0.58 0.00	12.05 0.21 -4.75	9.40 0.07 -6.89	9.49 0.07 -7.06	10.31 0.06 -8.49	16.33 0.25 -10.19	8.92 -0.14 -12.41	16.29 0.50 -6.21	26.38 1.39 0.00	21.33 0.86 -2.85	24.56 1.02 0.00	19.69 0.76 0.00

JERICO_RISE_WT_PWR 323719	10.55 -0.32 0.00	1.76 -0.05 0.00	6.10 -0.05 0.00	7.33 0.01 0.00	13.19 0.10 0.00	16.51 0.25 0.00	12.00 0.16 0.00	20.38 0.20 0.00	10.45 0.08 0.00	19.78 0.16 0.00	18.81 -0.08 0.00	18.19 -0.22 0.00	17.20 -0.36 0.00	6.91 -0.19 0.00	2.36 -0.08 0.00	2.30 -0.07 0.00	1.72 -0.05 0.00	5.75 -0.14 0.00	-3.29 0.06 0.00	9.54 -0.04 0.00	24.99 0.00 0.00	17.73 0.10 0.00	23.87 0.33 0.00	19.32 0.39 0.00
KATONAH__115KV_46KV_TB4 355592	18.30 0.65 -6.78	17.09 0.10 -15.18	13.97 0.30 -7.52	13.99 0.37 -6.30	15.29 0.67 -1.53	17.71 0.89 -0.56	27.68 0.67 -15.17	23.33 1.27 -1.88	22.03 0.72 -10.93	20.91 1.30 0.00	20.19 1.30 0.00	19.72 1.32 0.00	18.92 1.36 0.00	20.52 0.55 -12.87	21.33 0.20 -18.69	21.74 0.20 -19.18	24.99 0.14 -23.08	36.72 0.48 -30.36	39.14 -0.26 -42.74	31.70 0.73 -21.39	26.87 1.88 0.00	28.68 1.25 -9.81	25.09 1.54 0.00	20.07 1.14 0.00
KCE_NY_1 323755	20.34 0.45 -9.01	22.29 0.07 -20.41	16.51 0.26 -10.11	16.10 0.30 -8.48	15.71 0.56 -2.05	17.76 0.75 -0.75	32.94 0.57 -20.53	23.66 0.95 -2.54	25.57 0.44 -14.76	20.30 0.69 0.00	19.48 0.59 0.00	19.02 0.62 0.00	18.12 0.56 0.00	23.91 0.23 -16.59	26.58 0.08 -24.07	26.98 0.08 -24.54	31.31 0.06 -29.48	45.24 0.25 -39.11	51.52 -0.15 -55.01	37.54 0.43 -27.53	26.08 1.09 -0.01	31.00 0.75 -12.62	24.60 1.05 0.00	19.73 0.79 0.00
KCE_NY_6_ESR 323823	10.78 -0.49 -0.40	4.28 -0.09 -2.56	7.17 -0.24 -1.27	8.13 -0.25 -1.07	12.90 -0.45 -0.26	15.73 -0.63 -0.09	14.09 -0.33 -2.58	19.90 -0.61 -0.32	11.97 -0.29 -1.89	19.06 -0.56 0.00	18.58 -0.31 0.00	17.99 -0.41 0.00	17.26 -0.30 0.00	8.99 -0.13 -2.03	5.34 -0.04 -2.95	5.34 -0.04 -3.01	5.36 -0.02 -3.62	10.56 -0.08 -4.75	3.27 -0.01 -6.63	12.59 -0.30 -3.32	24.25 -0.74 0.00	18.61 -0.54 -1.52	22.58 -0.97 0.00	18.18 -0.75 0.00
KEDC_PORT_JEFF_GT2 24210	18.43 0.97 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.57 -6.20	15.66 1.06 -1.50	21.05 1.43 -3.35	28.47 1.04 -15.59	56.27 1.96 -34.13	23.57 1.04 -12.16	21.48 1.83 -0.04	20.57 1.68 0.00	20.01 1.60 0.00	19.07 1.52 0.00	20.88 0.62 -13.17	47.33 0.25 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.94 0.63 -32.43	42.21 -0.34 -45.90	47.16 0.98 -36.61	33.43 2.54 -5.90	40.20 1.73 -20.84	29.57 2.36 -3.66	20.61 1.68 0.00
KEDC_PORT_JEFF_GT3 24211	18.43 0.97 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.57 -6.20	15.66 1.06 -1.50	21.05 1.43 -3.35	28.47 1.04 -15.59	56.27 1.96 -34.13	23.57 1.04 -12.16	21.48 1.83 -0.04	20.57 1.68 0.00	20.01 1.60 0.00	19.07 1.52 0.00	20.88 0.62 -13.17	47.33 0.25 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.94 0.63 -32.43	42.21 -0.34 -45.90	47.16 0.98 -36.61	33.43 2.54 -5.90	40.20 1.73 -20.84	29.57 2.36 -3.66	20.61 1.68 0.00
KEDC_GLWD_GT4 24219	18.27 0.81 -6.59	17.43 0.13 -15.49	13.92 0.39 -7.40	13.98 0.46 -6.20	15.44 0.84 -1.50	20.36 1.12 -2.97	28.27 0.84 -15.59	55.88 1.57 -34.13	23.41 0.88 -12.16	21.25 1.59 -0.04	20.49 1.60 0.00	20.02 1.61 0.00	19.19 1.63 0.00	20.93 0.66 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.06 0.87 -36.61	33.14 2.25 -5.90	39.97 1.50 -20.84	29.11 1.91 -3.66	20.32 1.39 0.00
KEDC_GLWD_GT5 24220	18.27 0.81 -6.59	17.43 0.13 -15.49	13.92 0.39 -7.40	13.98 0.46 -6.20	15.44 0.84 -1.50	20.36 1.12 -2.97	28.27 0.84 -15.59	55.88 1.57 -34.13	23.41 0.88 -12.16	21.25 1.59 -0.04	20.49 1.60 0.00	20.02 1.61 0.00	19.19 1.63 0.00	20.93 0.66 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.06 0.87 -36.61	33.14 2.25 -5.90	39.97 1.50 -20.84	29.11 1.91 -3.66	20.32 1.39 0.00
KENSICO____ 23655	18.17 0.65 -6.65	16.79 0.10 -14.89	13.81 0.30 -7.37	13.86 0.36 -6.18	15.24 0.65 -1.50	17.67 0.86 -0.55	27.36 0.65 -14.87	23.25 1.23 -1.85	21.81 0.71 -10.73	20.89 1.28 0.00	20.17 1.29 0.00	19.73 1.32 0.00	18.93 1.37 0.00	20.33 0.56 -12.68	21.05 0.20 -18.41	21.46 0.20 -18.89	24.65 0.14 -22.74	36.25 0.46 -29.90	38.51 -0.25 -42.10	31.35 0.70 -21.08	26.81 1.82 0.00	28.50 1.21 -9.66	25.06 1.51 0.00	20.05 1.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.87 0.92 -6.08	15.55 0.14 -13.60	13.31 0.43 -6.74	13.48 0.52 -5.64	15.40 0.93 -1.37	17.97 1.21 -0.50	26.41 0.95 -13.61	23.56 1.72 -1.66	20.77 0.91 -9.48	21.14 1.53 0.00	20.29 1.40 0.00	19.83 1.42 0.00	19.06 1.50 0.00	18.68 0.60 -10.98	18.59 0.21 -15.95	18.90 0.20 -16.33	21.57 0.15 -19.65	32.46 0.51 -26.06	33.35 -0.28 -36.97	28.89 0.81 -18.51	27.16 2.16 0.00	27.52 1.41 -8.48	25.30 1.75 0.00	20.23 1.30 0.00
KIAC_JFK_GT1 23816	18.15 0.69 -6.59	16.83 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.26 0.66 -1.50	17.70 0.88 -0.55	27.45 0.59 -15.01	23.21 1.18 -1.85	21.84 0.70 -10.77	20.89 1.28 0.00	20.11 1.22 0.01	19.66 1.26 0.01	18.90 1.34 0.00	20.33 0.54 -12.70	21.09 0.20 -18.45	21.50 0.20 -18.93	24.70 0.14 -22.79	36.30 0.44 -29.97	38.61 -0.23 -42.19	31.36 0.67 -21.12	26.73 1.73 0.00	28.46 1.15 -9.68	25.15 1.60 0.00	20.10 1.17 0.00
KIAC_JFK_GT2 23817	18.15 0.69 -6.59	16.83 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.26 0.66 -1.50	17.70 0.88 -0.55	27.45 0.59 -15.01	23.21 1.18 -1.85	21.84 0.70 -10.77	20.89 1.28 0.00	20.11 1.22 0.01	19.66 1.26 0.01	18.90 1.34 0.00	20.33 0.54 -12.70	21.09 0.20 -18.45	21.50 0.20 -18.93	24.70 0.14 -22.79	36.30 0.44 -29.97	38.61 -0.23 -42.19	31.36 0.67 -21.12	26.73 1.73 0.00	28.46 1.15 -9.68	25.15 1.60 0.00	20.10 1.17 0.00
KIAC_JFK____ 323774	18.15 0.69 -6.59	16.83 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.26 0.66 -1.50	17.70 0.88 -0.55	27.45 0.59 -15.01	23.21 1.18 -1.85	21.84 0.70 -10.77	20.89 1.28 0.00	20.11 1.22 0.01	19.66 1.26 0.01	18.90 1.34 0.00	20.33 0.54 -12.70	21.09 0.20 -18.45	21.50 0.20 -18.93	24.70 0.14 -22.79	36.30 0.44 -29.97	38.61 -0.23 -42.19	31.36 0.67 -21.12	26.73 1.73 0.00	28.46 1.15 -9.68	25.15 1.60 0.00	20.10 1.17 0.00
KINTIGH____ 23543	10.22 -0.69 -0.04	3.85 -0.12 -2.16	6.86 -0.36 -1.08	7.83 -0.39 -0.90	12.62 -0.70 -0.22	15.43 -0.92 -0.08	13.47 -0.56 -2.18	19.42 -1.03 -0.27	11.48 -0.49 -1.60	18.66 -0.96 0.00	18.15 -0.75 0.00	17.56 -0.84 0.00	16.85 -0.71 0.00	8.52 -0.29 -1.72	4.84 -0.09 -2.50	4.84 -0.09 -2.55	4.78 -0.06 -3.07	9.69 -0.23 -4.03	2.34 0.06 -5.62	11.89 -0.49 -2.81	23.70 -1.29 0.00	18.02 -0.90 -1.29	22.14 -1.41 0.00	17.83 -1.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	10.71 -0.23 -0.06	1.88 -0.03 -0.11	6.21 0.01 -0.05	7.44 0.08 -0.05	13.33 0.23 -0.01	16.71 0.44 0.00	12.28 0.34 -0.10	20.87 0.67 -0.01	10.77 0.32 -0.08	20.18 0.57 0.00	19.14 0.25 0.00	18.52 0.11 0.00	17.49 -0.08 0.00	7.11 -0.07 -0.09	2.53 -0.03 -0.13	2.47 -0.02 -0.13	1.91 -0.01 -0.15	6.07 -0.03 -0.20	-3.07 -0.02 -0.29	9.92 0.20 -0.14	25.65 0.66 0.00	18.24 0.55 -0.07	24.46 0.91 0.00	19.84 0.91 0.00

LACHUTE___HYDRO 323717	20.52 0.61 -9.04	22.37 0.10 -20.46	16.68 0.40 -10.14	16.33 0.52 -8.50	16.08 0.93 -2.06	18.43 1.41 -0.75	33.54 1.12 -20.58	24.18 1.46 -2.55	25.83 0.66 -14.80	20.66 1.05 0.00	19.84 0.95 0.00	19.45 1.05 0.00	18.35 0.79 0.00	24.05 0.32 -16.63	26.68 0.12 -24.13	27.08 0.11 -24.60	31.41 0.09 -29.55	45.57 0.48 -39.20	51.52 -0.27 -55.14	38.00 0.82 -27.60	27.03 2.03 -0.01	31.65 1.37 -12.65	25.41 1.86 0.00	20.44 1.50 0.00
LAWRNCV_115KV_TB1 80681	10.61 -0.39 -0.12	1.98 -0.06 -0.23	6.07 -0.19 -0.11	7.18 -0.23 -0.10	12.75 -0.37 -0.02	15.80 -0.47 -0.01	11.69 -0.37 -0.22	19.58 -0.63 -0.03	10.16 -0.37 -0.17	19.02 -0.59 0.00	18.26 -0.63 0.00	17.75 -0.65 0.00	16.89 -0.67 0.00	6.99 -0.29 -0.19	2.59 -0.11 -0.27	2.54 -0.10 -0.28	2.02 -0.08 -0.33	6.08 -0.25 -0.44	-2.58 0.15 -0.61	9.55 -0.33 -0.31	24.18 -0.81 0.00	17.26 -0.51 -0.14	22.95 -0.60 0.00	18.52 -0.42 0.00
LEDERLE___ 23769	17.87 0.68 -6.32	16.07 0.10 -14.15	13.46 0.31 -7.01	13.57 0.37 -5.88	15.19 0.67 -1.42	17.67 0.88 -0.52	26.67 0.68 -14.14	23.19 1.26 -1.75	21.30 0.72 -10.20	20.92 1.31 0.00	20.21 1.32 0.00	19.77 1.36 0.00	18.98 1.42 0.00	19.85 0.58 -12.17	20.32 0.21 -17.68	20.71 0.21 -18.14	23.75 0.15 -21.83	35.10 0.49 -28.72	36.82 -0.27 -40.44	30.57 0.75 -20.24	26.91 1.92 0.00	28.18 1.27 -9.28	25.12 1.57 0.00	20.09 1.16 0.00
LIGHTHSE_115KV_TB6 355974	11.23 -0.30 -0.66	3.00 -0.06 -1.26	6.55 -0.22 -0.62	7.59 -0.25 -0.52	12.80 -0.42 -0.13	15.86 -0.45 -0.05	12.83 -0.28 -1.27	19.77 -0.56 -0.16	10.96 -0.34 -0.93	18.90 -0.71 0.00	18.23 -0.67 0.00	17.70 -0.70 0.00	16.87 -0.69 0.00	7.81 -0.28 -1.00	3.79 -0.09 -1.45	3.75 -0.10 -1.48	3.48 -0.07 -1.78	8.00 -0.23 -2.34	0.05 0.12 -3.28	10.98 -0.24 -1.64	24.54 -0.45 0.00	18.04 -0.34 -0.75	23.00 -0.55 0.00	18.43 -0.50 0.00
LINDEN COGEN___ 23786	18.11 0.64 -6.59	16.83 0.10 -14.92	13.82 0.28 -7.39	13.86 0.34 -6.20	15.22 0.62 -1.50	17.65 0.83 -0.55	27.46 0.61 -15.01	23.20 1.16 -1.85	21.85 0.71 -10.77	20.92 1.31 0.00	20.23 1.34 0.00	19.80 1.39 0.00	19.01 1.45 0.00	20.37 0.57 -12.71	21.09 0.20 -18.45	21.50 0.20 -18.93	24.70 0.14 -22.79	36.31 0.45 -29.97	38.60 -0.24 -42.19	31.38 0.68 -21.12	26.75 1.76 0.00	28.47 1.16 -9.68	25.00 1.46 0.00	20.01 1.08 0.00
LINDHRST_69_KV_BK1 356055	18.52 0.98 -6.67	17.46 0.16 -15.49	14.02 0.48 -7.40	14.09 0.56 -6.20	15.64 1.04 -1.50	20.96 1.40 -3.29	28.37 1.04 -15.49	56.25 1.94 -34.13	23.57 1.05 -12.15	21.51 1.86 -0.04	20.66 1.77 0.00	20.14 1.73 0.00	19.26 1.70 0.00	20.96 0.70 -13.17	47.34 0.26 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.94 0.62 -32.43	42.21 -0.34 -45.90	47.18 0.99 -36.61	33.49 2.60 -5.90	40.24 1.76 -20.84	29.55 2.34 -3.66	20.62 1.68 0.00
LIPA_MISC_IPP 23656	18.47 0.93 -6.67	17.46 0.15 -15.49	14.02 0.48 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	20.99 1.38 -3.35	28.32 0.99 -15.49	56.17 1.85 -34.13	23.50 0.98 -12.15	21.35 1.70 -0.04	20.47 1.58 0.00	19.94 1.53 0.00	19.03 1.47 0.00	20.86 0.60 -13.17	47.31 0.23 -44.64	48.52 0.24 -45.91	30.90 0.18 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.15 0.96 -36.61	33.40 2.51 -5.90	40.16 1.69 -20.84	29.45 2.25 -3.66	20.53 1.60 0.00
LISF___SOLAR 323691	18.41 0.95 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.58 -6.20	15.65 1.05 -1.50	21.01 1.40 -3.35	28.44 1.01 -15.59	56.18 1.87 -34.13	23.52 0.98 -12.16	21.36 1.70 -0.04	20.48 1.58 0.00	19.94 1.53 0.00	19.03 1.47 0.00	20.86 0.60 -13.17	47.31 0.23 -44.64	48.52 0.24 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.16 0.97 -36.61	33.44 2.55 -5.90	40.19 1.71 -20.84	29.48 2.27 -3.66	20.54 1.61 0.00
LITTLE FALLS___HYD 24013	10.85 -0.14 -0.12	2.00 -0.03 -0.22	6.12 -0.13 -0.11	7.26 -0.15 -0.09	12.83 -0.29 -0.02	15.95 -0.33 -0.01	11.86 -0.21 -0.22	19.71 -0.50 -0.03	10.28 -0.26 -0.17	18.98 -0.64 0.00	18.23 -0.66 0.00	17.77 -0.64 0.00	16.92 -0.64 0.00	7.03 -0.24 -0.18	2.60 -0.10 -0.26	2.54 -0.10 -0.27	2.02 -0.07 -0.32	6.11 -0.20 -0.42	-2.66 0.10 -0.59	9.66 -0.20 -0.30	24.55 -0.44 0.00	17.41 -0.35 -0.14	23.06 -0.49 0.00	18.49 -0.44 0.00
LITTLRIV_115KV_TB1 356100	10.72 -0.28 -0.13	2.01 -0.04 -0.24	6.13 -0.13 -0.12	7.26 -0.16 -0.10	12.88 -0.24 -0.03	15.96 -0.32 -0.01	11.83 -0.24 -0.23	19.75 -0.46 -0.03	10.25 -0.30 -0.18	19.17 -0.45 0.00	18.41 -0.48 0.00	17.91 -0.50 0.00	17.05 -0.51 0.00	7.07 -0.22 -0.20	2.63 -0.09 -0.29	2.57 -0.09 -0.29	2.06 -0.06 -0.35	6.15 -0.20 -0.46	-2.57 0.13 -0.65	9.65 -0.25 -0.33	24.41 -0.58 0.00	17.43 -0.35 -0.15	23.16 -0.39 0.00	18.67 -0.26 0.00
LI_NEWBRDGE___DRP 323616	18.36 0.82 -6.67	17.43 0.13 -15.49	13.93 0.39 -7.40	13.99 0.47 -6.20	15.46 0.87 -1.50	20.81 1.16 -3.39	28.19 0.85 -15.49	55.92 1.60 -34.13	23.40 0.88 -12.15	21.23 1.57 -0.04	20.43 1.54 0.00	19.94 1.53 0.00	19.08 1.52 0.00	20.88 0.62 -13.17	47.31 0.23 -44.64	48.51 0.23 -45.91	30.88 0.17 -28.95	38.85 0.54 -32.43	42.27 -0.29 -45.90	47.02 0.82 -36.61	33.04 2.15 -5.90	39.92 1.45 -20.84	29.13 1.92 -3.66	20.31 1.38 0.00
LOCKPORT_115KV_TB60_63_64 80432	10.25 -0.76 -0.13	4.00 -0.13 -2.32	6.92 -0.38 -1.15	7.87 -0.42 -0.97	12.57 -0.76 -0.23	15.35 -1.00 -0.08	13.56 -0.61 -2.33	19.35 -1.13 -0.29	11.54 -0.55 -1.72	18.56 -1.05 0.00	18.09 -0.80 0.00	17.49 -0.92 0.00	16.78 -0.77 0.00	8.61 -0.32 -1.85	5.01 -0.10 -2.68	5.01 -0.10 -2.74	5.00 -0.07 -3.30	9.98 -0.24 -4.33	2.76 0.07 -6.04	12.01 -0.59 -3.02	23.48 -1.51 0.00	17.98 -1.04 -1.39	21.90 -1.65 0.00	17.65 -1.28 0.00
LOCKPORT___CC1 323769	10.29 -0.74 -0.15	4.02 -0.13 -2.34	6.93 -0.37 -1.16	7.88 -0.41 -0.97	12.59 -0.75 -0.23	15.35 -1.00 -0.09	13.59 -0.61 -2.36	19.37 -1.10 -0.30	11.57 -0.54 -1.73	18.57 -1.04 0.00	18.10 -0.79 0.00	17.50 -0.91 0.00	16.80 -0.76 0.00	8.64 -0.31 -1.86	5.03 -0.10 -2.70	5.03 -0.09 -2.76	5.02 -0.07 -3.32	10.02 -0.22 -4.36	2.79 0.06 -6.08	12.04 -0.57 -3.04	23.52 -1.47 0.00	18.01 -1.01 -1.39	21.93 -1.62 0.00	17.68 -1.25 0.00
LOCKPORT___CC2 323770	10.29 -0.74 -0.15	4.02 -0.13 -2.34	6.93 -0.37 -1.16	7.88 -0.41 -0.97	12.59 -0.75 -0.23	15.35 -1.00 -0.09	13.59 -0.61 -2.36	19.37 -1.10 -0.30	11.57 -0.54 -1.73	18.57 -1.04 0.00	18.10 -0.79 0.00	17.50 -0.91 0.00	16.80 -0.76 0.00	8.64 -0.31 -1.86	5.03 -0.10 -2.70	5.03 -0.09 -2.76	5.02 -0.07 -3.32	10.02 -0.22 -4.36	2.79 0.06 -6.08	12.04 -0.57 -3.04	23.52 -1.47 0.00	18.01 -1.01 -1.39	21.93 -1.62 0.00	17.68 -1.25 0.00
LOCKPORT___CC3 323771	10.29 -0.74 -0.15	4.02 -0.13 -2.34	6.93 -0.37 -1.16	7.88 -0.41 -0.97	12.59 -0.75 -0.23	15.35 -1.00 -0.09	13.59 -0.61 -2.36	19.37 -1.10 -0.30	11.57 -0.54 -1.73	18.57 -1.04 0.00	18.10 -0.79 0.00	17.50 -0.91 0.00	16.80 -0.76 0.00	8.64 -0.31 -1.86	5.03 -0.10 -2.70	5.03 -0.09 -2.76	5.02 -0.07 -3.32	10.02 -0.22 -4.36	2.79 0.06 -6.08	12.04 -0.57 -3.04	23.52 -1.47 0.00	18.01 -1.01 -1.39	21.93 -1.62 0.00	17.68 -1.25 0.00

LONG_LAKE_PHOENIX 24014	11.26 -0.35 -0.74	3.16 -0.06 -1.42	6.63 -0.22 -0.70	7.67 -0.25 -0.59	12.80 -0.44 -0.14	15.82 -0.50 -0.05	12.97 -0.31 -1.43	19.81 -0.55 -0.18	11.13 -0.28 -1.04	19.02 -0.60 0.00	18.35 -0.54 0.00	17.86 -0.55 0.00	17.06 -0.50 0.00	8.01 -0.20 -1.12	3.99 -0.07 -1.63	3.97 -0.07 -1.67	3.72 -0.05 -2.00	8.37 -0.15 -2.64	0.42 0.07 -3.69	11.19 -0.23 -1.85	24.42 -0.57 0.00	18.04 -0.44 -0.85	22.84 -0.71 0.00	18.32 -0.61 0.00
LOVETT___3 23632	17.85 0.61 -6.36	16.14 0.10 -14.24	13.47 0.27 -7.05	13.57 0.34 -5.91	15.13 0.60 -1.43	17.60 0.81 -0.52	26.69 0.62 -14.22	23.10 1.15 -1.76	21.30 0.66 -10.27	20.81 1.20 0.00	20.10 1.20 0.00	19.65 1.24 0.00	18.86 1.30 0.00	19.86 0.53 -12.24	20.40 0.19 -17.77	20.80 0.19 -18.24	23.86 0.14 -21.95	35.21 0.45 -28.87	37.07 -0.25 -40.66	30.61 0.68 -20.35	26.75 1.75 0.00	28.12 1.16 -9.33	24.99 1.44 0.00	19.99 1.06 0.00
LOVETT___4 23642	17.85 0.61 -6.36	16.14 0.10 -14.24	13.47 0.27 -7.05	13.57 0.34 -5.91	15.13 0.60 -1.43	17.60 0.81 -0.52	26.69 0.62 -14.22	23.10 1.15 -1.76	21.30 0.66 -10.27	20.81 1.20 0.00	20.10 1.20 0.00	19.65 1.24 0.00	18.86 1.30 0.00	19.86 0.53 -12.24	20.40 0.19 -17.77	20.80 0.19 -18.24	23.86 0.14 -21.95	35.21 0.45 -28.87	37.07 -0.25 -40.66	30.61 0.68 -20.35	26.75 1.75 0.00	28.12 1.16 -9.33	24.99 1.44 0.00	19.99 1.06 0.00
LOVETT___5 23593	17.85 0.61 -6.36	16.14 0.10 -14.24	13.47 0.27 -7.05	13.57 0.34 -5.91	15.13 0.60 -1.43	17.60 0.81 -0.52	26.69 0.62 -14.22	23.10 1.15 -1.76	21.30 0.66 -10.27	20.81 1.20 0.00	20.10 1.20 0.00	19.65 1.24 0.00	18.86 1.30 0.00	19.86 0.53 -12.24	20.40 0.19 -17.77	20.80 0.19 -18.24	23.86 0.14 -21.95	35.21 0.45 -28.87	37.07 -0.25 -40.66	30.61 0.68 -20.35	26.75 1.75 0.00	28.12 1.16 -9.33	24.99 1.44 0.00	19.99 1.06 0.00
LOWER_RAQUET___HYD 24057	10.41 -0.46 0.00	1.74 -0.07 0.00	5.91 -0.23 0.00	7.04 -0.28 0.00	12.64 -0.46 0.00	15.70 -0.57 0.00	11.41 -0.43 0.00	19.43 -0.75 0.00	9.93 -0.44 0.00	18.89 -0.72 0.00	18.12 -0.77 0.00	17.61 -0.79 0.00	16.75 -0.81 0.00	6.75 -0.34 0.00	2.30 -0.13 0.00	2.24 -0.12 0.00	1.68 -0.09 0.00	5.60 -0.29 0.00	-3.17 0.18 0.00	9.18 -0.39 0.00	24.04 -0.96 0.00	17.02 -0.61 0.00	22.82 -0.73 0.00	18.41 -0.53 0.00
LOWER___HUDSON 24059	19.98 0.33 -8.78	21.74 0.05 -19.88	16.19 0.20 -9.85	15.81 0.24 -8.25	15.51 0.42 -2.00	17.51 0.52 -0.73	32.24 0.40 -19.99	23.32 0.67 -2.47	25.06 0.31 -14.38	20.05 0.44 0.00	19.24 0.36 0.00	18.82 0.42 0.00	17.97 0.41 0.00	23.46 0.18 -16.19	25.98 0.06 -23.49	26.35 0.05 -23.92	30.55 0.04 -28.74	44.21 0.16 -38.17	50.25 -0.10 -53.69	36.75 0.30 -26.88	25.71 0.71 -0.01	30.48 0.54 -12.32	24.24 0.69 0.00	19.47 0.54 0.00
LOWVILLE_115KV_TB2 356335	11.12 -0.10 -0.34	2.40 -0.04 -0.63	6.32 -0.14 -0.31	7.39 -0.20 -0.26	12.87 -0.29 -0.06	16.10 -0.19 -0.02	12.40 -0.08 -0.63	20.01 -0.25 -0.08	10.63 -0.21 -0.46	19.17 -0.44 0.00	18.42 -0.47 0.00	17.82 -0.59 0.00	16.91 -0.65 0.00	7.32 -0.27 -0.50	3.06 -0.10 -0.72	3.01 -0.10 -0.74	2.59 -0.07 -0.89	6.83 -0.23 -1.17	-1.58 0.12 -1.64	10.29 -0.11 -0.82	24.91 -0.08 0.00	17.95 -0.05 -0.38	23.49 -0.06 0.00	18.83 -0.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.40 0.44 -9.08	22.29 0.07 -20.41	16.51 0.26 -10.11	16.10 0.31 -8.48	15.70 0.55 -2.05	17.76 0.74 -0.75	33.08 0.57 -20.66	23.67 0.95 -2.54	25.51 0.44 -14.70	20.31 0.69 0.00	19.50 0.60 0.00	19.04 0.63 0.00	18.14 0.58 0.00	23.92 0.23 -16.59	26.58 0.08 -24.07	26.98 0.08 -24.54	31.31 0.06 -29.48	45.24 0.24 -39.11	51.52 -0.15 -55.01	37.53 0.42 -27.53	26.07 1.07 -0.01	31.00 0.75 -12.62	24.58 1.03 0.00	19.74 0.81 0.00
LUTHERNY_35_KV_BK2 355980	20.40 0.45 -9.08	22.29 0.07 -20.41	16.51 0.26 -10.11	16.10 0.30 -8.48	15.71 0.56 -2.05	17.76 0.74 -0.75	33.08 0.57 -20.66	23.67 0.95 -2.54	25.51 0.44 -14.70	20.30 0.69 0.00	19.48 0.59 0.00	19.02 0.62 0.00	18.12 0.56 0.00	23.91 0.23 -16.59	26.58 0.08 -24.07	26.98 0.08 -24.54	31.31 0.06 -29.48	45.24 0.25 -39.11	51.52 -0.15 -55.01	37.54 0.43 -27.53	26.09 1.09 -0.01	31.00 0.75 -12.62	24.60 1.05 0.00	19.73 0.80 0.00
LWR___OSWEGATCHIE_HYD 23850	10.70 -0.42 -0.25	2.20 -0.08 -0.46	6.11 -0.27 -0.23	7.18 -0.33 -0.20	12.61 -0.54 -0.05	15.72 -0.56 -0.02	11.91 -0.40 -0.46	19.52 -0.72 -0.06	10.26 -0.45 -0.34	18.79 -0.82 0.00	18.01 -0.88 0.00	17.45 -0.96 0.00	16.57 -0.98 0.00	7.06 -0.41 -0.37	2.83 -0.14 -0.54	2.78 -0.14 -0.55	2.33 -0.10 -0.66	6.43 -0.33 -0.87	-1.93 0.19 -1.23	9.83 -0.36 -0.61	24.22 -0.77 0.00	17.40 -0.51 -0.28	22.90 -0.65 0.00	18.40 -0.54 0.00
LYONS_FALL_HYD 23570	11.12 -0.02 -0.26	2.38 -0.02 -0.59	6.37 -0.07 -0.30	7.47 -0.10 -0.25	13.03 -0.13 -0.06	16.23 -0.06 -0.02	12.46 0.02 -0.60	20.19 -0.06 -0.07	10.72 -0.08 -0.43	19.41 -0.20 0.00	18.68 -0.22 0.00	18.11 -0.30 0.00	17.22 -0.33 0.00	7.42 -0.14 -0.47	3.06 -0.05 -0.68	3.01 -0.06 -0.70	2.57 -0.04 -0.84	6.88 -0.12 -1.11	-1.74 0.06 -1.55	10.34 -0.01 -0.78	25.10 0.11 0.00	18.05 0.07 -0.36	23.61 0.07 0.00	18.94 0.01 0.00
MADISON___COUNTY_LFGE 323628	11.55 0.13 -0.55	2.80 0.01 -0.98	6.67 0.04 -0.49	7.78 0.05 -0.41	13.30 0.10 -0.10	16.46 0.16 -0.03	13.03 0.20 -0.98	20.54 0.23 -0.12	11.21 0.11 -0.73	19.76 0.14 0.00	19.05 0.16 0.00	18.53 0.13 0.00	17.67 0.11 0.00	7.90 0.04 -0.77	3.56 0.01 -1.12	3.52 0.01 -1.14	3.15 0.01 -1.38	7.75 0.05 -1.81	-0.84 -0.04 -2.55	11.01 0.17 -1.28	25.48 0.49 0.00	18.52 0.31 -0.58	23.87 0.32 0.00	19.14 0.21 0.00
MALONE___115KV_TB1 356076	10.67 -0.28 -0.08	1.92 -0.04 -0.15	6.17 -0.05 -0.07	7.37 -0.01 -0.06	13.17 0.05 -0.02	16.43 0.16 -0.01	12.09 0.11 -0.14	20.36 0.16 -0.02	10.52 0.05 -0.11	19.74 0.13 0.00	18.81 -0.08 0.00	18.21 -0.20 0.00	17.24 -0.32 0.00	7.05 -0.17 -0.12	2.54 -0.07 -0.18	2.49 -0.06 -0.18	1.95 -0.04 -0.22	6.06 -0.13 -0.29	-2.88 0.06 -0.41	9.74 -0.03 -0.20	25.00 0.01 0.00	17.82 0.10 -0.09	23.82 0.27 0.00	19.25 0.31 0.00
MAPLEWOD_115KV_TB3 80458	20.02 0.35 -8.79	21.63 0.05 -19.77	16.15 0.21 -9.79	15.77 0.24 -8.21	15.51 0.42 -1.99	17.51 0.52 -0.73	32.25 0.40 -20.00	23.35 0.71 -2.46	24.87 0.34 -14.15	20.13 0.52 0.00	19.35 0.46 0.00	18.90 0.49 0.00	18.06 0.50 0.00	23.41 0.21 -16.10	25.86 0.07 -23.36	26.25 0.07 -23.81	30.43 0.06 -28.61	44.04 0.19 -37.96	49.93 -0.12 -53.40	36.65 0.34 -26.73	25.87 0.87 -0.01	30.50 0.62 -12.25	24.32 0.77 0.00	19.51 0.58 0.00
MAPLE_RIDGE_WT_1 323574	10.74 -0.13 0.00	1.78 -0.03 0.00	6.01 -0.13 0.00	7.13 -0.19 0.00	12.82 -0.28 0.00	16.00 -0.27 0.00	11.64 -0.20 0.00	19.86 -0.32 0.00	10.22 -0.16 0.00	19.34 -0.27 0.00	18.68 -0.21 0.00	18.08 -0.32 0.00	17.17 -0.39 0.00	6.91 -0.18 0.00	2.38 -0.05 0.00	2.31 -0.06 0.00	1.73 -0.04 0.00	5.72 -0.17 0.00	-3.25 0.09 0.00	9.43 -0.15 0.00	24.59 -0.40 0.00	17.39 -0.24 0.00	23.25 -0.30 0.00	18.74 -0.20 0.00

MAPLE_RIDGE_WT_2 323611	10.74 -0.13 0.00	1.78 -0.03 0.00	6.01 -0.13 0.00	7.13 -0.19 0.00	12.82 -0.28 0.00	16.00 -0.27 0.00	11.64 -0.20 0.00	19.86 -0.32 0.00	10.22 -0.16 0.00	19.34 -0.27 0.00	18.68 -0.21 0.00	18.08 -0.32 0.00	17.17 -0.39 0.00	6.91 -0.18 0.00	2.38 -0.05 0.00	2.31 -0.06 0.00	1.73 -0.04 0.00	5.72 -0.17 0.00	-3.25 0.09 0.00	9.43 -0.15 0.00	24.59 -0.40 0.00	17.39 -0.24 0.00	23.25 -0.30 0.00	18.74 -0.20 0.00
MARBLE_RIVER_WT_PWR 323696	10.55 -0.32 0.00	1.76 -0.05 0.00	6.11 -0.04 0.00	7.34 0.02 0.00	13.22 0.12 0.00	16.56 0.30 0.00	12.04 0.20 0.00	20.37 0.19 0.00	10.45 0.08 0.00	19.77 0.16 0.00	18.80 -0.08 0.00	18.19 -0.22 0.00	17.18 -0.38 0.00	6.90 -0.19 0.00	2.35 -0.08 0.00	2.30 -0.07 0.00	1.72 -0.05 0.00	5.73 -0.15 0.00	-3.29 0.06 0.00	9.54 -0.04 0.00	24.99 -0.01 0.00	17.72 0.09 0.00	23.87 0.33 0.00	19.32 0.38 0.00
MARSHVLE_115KV_TB1 80742	22.56 0.71 -10.97	26.55 0.11 -24.62	18.73 0.39 -12.20	17.98 0.44 -10.23	16.40 0.83 -2.48	18.30 1.13 -0.91	37.47 0.79 -24.84	24.71 1.46 -3.08	28.90 0.69 -17.83	20.95 1.34 0.00	20.19 1.31 0.00	19.53 1.12 0.00	18.57 1.01 0.00	27.38 0.41 -19.88	31.42 0.14 -28.85	31.95 0.14 -29.45	37.27 0.10 -35.40	53.09 0.40 -46.80	62.15 -0.23 -65.72	43.22 0.74 -32.90	26.99 1.99 -0.01	34.11 1.40 -15.08	25.33 1.78 0.00	20.35 1.42 0.00
MARSH_HILL_WT_PWR 323713	13.57 0.01 -2.69	4.89 -0.01 -3.10	7.66 -0.02 -1.53	8.63 0.02 -1.29	13.45 0.04 -0.31	16.44 0.06 -0.11	15.11 0.15 -3.12	20.74 0.17 -0.39	12.76 0.11 -2.28	19.73 0.12 0.00	19.14 0.25 0.00	18.46 0.05 0.00	17.67 0.11 0.00	9.57 0.02 -2.46	6.00 0.00 -3.57	6.02 0.00 -3.65	6.15 0.00 -4.39	11.71 0.05 -5.77	4.66 -0.05 -8.06	13.69 0.09 -4.03	25.21 0.22 0.00	19.50 0.02 -1.85	23.38 -0.17 0.00	18.75 -0.18 0.00
MCINTYRE_115KV_TB2 80467	10.86 -0.13 -0.12	2.01 -0.02 -0.22	6.21 -0.04 -0.11	7.36 -0.06 -0.09	13.06 -0.06 -0.02	16.18 -0.09 -0.01	11.97 -0.09 -0.21	20.02 -0.18 -0.03	10.37 -0.16 -0.16	19.44 -0.17 0.00	18.68 -0.22 0.00	18.16 -0.25 0.00	17.29 -0.26 0.00	7.15 -0.12 -0.18	2.64 -0.06 -0.26	2.58 -0.05 -0.27	2.05 -0.04 -0.32	6.20 -0.11 -0.43	-2.67 0.08 -0.60	9.75 -0.12 -0.30	24.75 -0.24 0.00	17.66 -0.11 -0.14	23.48 -0.07 0.00	18.93 0.00 0.00
MECO____69_KV_BK1 80468	22.23 0.95 -10.41	25.32 0.15 -23.36	18.23 0.51 -11.57	17.62 0.60 -9.70	16.56 1.12 -2.35	18.55 1.42 -0.86	36.48 1.06 -23.58	24.58 1.49 -2.91	27.99 0.72 -16.90	20.74 1.13 0.00	19.88 0.99 0.00	19.18 0.77 0.00	18.14 0.59 0.00	26.24 0.25 -18.89	29.96 0.11 -27.42	30.46 0.11 -27.98	35.50 0.10 -33.63	50.80 0.42 -44.49	58.88 -0.29 -62.51	41.82 0.96 -31.29	27.50 2.50 -0.01	33.67 1.70 -14.34	25.66 2.11 0.00	20.61 1.68 0.00
MENANDS__115KV_TB5 355628	19.79 0.22 -8.69	21.38 0.04 -19.54	15.98 0.15 -9.68	15.60 0.17 -8.11	15.35 0.29 -1.96	17.31 0.32 -0.72	31.87 0.25 -19.77	23.06 0.45 -2.43	24.56 0.21 -13.97	19.89 0.28 0.00	19.12 0.23 0.00	18.71 0.30 0.00	17.88 0.32 0.00	23.16 0.14 -15.93	25.59 0.05 -23.11	25.96 0.05 -23.55	30.10 0.04 -28.29	43.55 0.12 -37.54	49.39 -0.08 -52.82	36.23 0.22 -26.44	25.53 0.53 -0.01	30.13 0.38 -12.12	24.00 0.45 0.00	19.26 0.33 0.00
MG INDUSTRY__DRP 24185	19.61 0.25 -8.49	20.92 0.04 -19.07	15.76 0.17 -9.45	15.43 0.19 -7.92	15.35 0.33 -1.92	17.35 0.39 -0.70	31.39 0.29 -19.25	23.05 0.50 -2.37	24.28 0.21 -13.69	19.93 0.31 0.00	19.19 0.29 0.00	18.75 0.35 0.00	17.92 0.36 0.00	22.80 0.16 -15.56	25.06 0.05 -22.57	25.45 0.05 -23.03	29.49 0.04 -27.68	42.70 0.14 -36.68	48.18 -0.08 -51.61	35.65 0.24 -25.83	25.62 0.62 -0.01	29.90 0.43 -11.84	24.07 0.52 0.00	19.34 0.40 0.00
MID__OSWEGATCHIE_HYD 23849	10.70 -0.42 -0.25	2.20 -0.08 -0.46	6.11 -0.27 -0.23	7.18 -0.33 -0.20	12.61 -0.54 -0.05	15.72 -0.56 -0.02	11.91 -0.40 -0.46	19.52 -0.72 -0.06	10.26 -0.45 -0.34	18.79 -0.82 0.00	18.01 -0.88 0.00	17.45 -0.96 0.00	16.57 -0.98 0.00	7.06 -0.41 -0.37	2.83 -0.14 -0.54	2.78 -0.14 -0.55	2.33 -0.10 -0.66	6.43 -0.33 -0.87	-1.93 0.19 -1.23	9.83 -0.36 -0.61	24.22 -0.77 0.00	17.40 -0.51 -0.28	22.90 -0.65 0.00	18.40 -0.54 0.00
MID__RAQUETTE_HYD 23851	10.55 -0.46 -0.14	1.99 -0.07 -0.26	6.04 -0.23 -0.13	7.14 -0.28 -0.11	12.66 -0.46 -0.03	15.71 -0.57 -0.01	11.66 -0.43 -0.24	19.46 -0.75 -0.03	10.12 -0.44 -0.19	18.89 -0.72 0.00	18.12 -0.77 0.00	17.61 -0.79 0.00	16.75 -0.81 0.00	6.96 -0.34 -0.21	2.61 -0.13 -0.30	2.55 -0.12 -0.31	2.05 -0.09 -0.37	6.08 -0.29 -0.49	-2.48 0.18 -0.69	9.52 -0.39 -0.34	24.03 -0.96 0.00	17.18 -0.61 -0.16	22.82 -0.73 0.00	18.40 -0.53 0.00
MILLIKEN__1 23584	13.18 0.11 -2.20	4.83 0.01 -3.01	7.67 0.03 -1.49	8.61 0.04 -1.25	13.50 0.10 -0.30	16.54 0.16 -0.11	15.08 0.22 -3.01	20.79 0.25 -0.37	12.71 0.12 -2.22	19.77 0.15 0.00	19.07 0.18 0.00	18.53 0.12 0.00	17.64 0.08 0.00	9.41 0.04 -2.28	5.76 0.02 -3.31	5.77 0.01 -3.39	5.86 0.01 -4.07	11.42 0.07 -5.45	4.43 -0.05 -7.82	13.69 0.20 -3.92	25.57 0.58 0.00	19.73 0.30 -1.80	23.81 0.26 0.00	19.10 0.17 0.00
MILLIKEN__2 23585	13.18 0.11 -2.20	4.83 0.01 -3.01	7.67 0.03 -1.49	8.61 0.04 -1.25	13.50 0.10 -0.30	16.54 0.16 -0.11	15.08 0.22 -3.01	20.79 0.25 -0.37	12.71 0.12 -2.22	19.77 0.15 0.00	19.07 0.18 0.00	18.53 0.12 0.00	17.64 0.08 0.00	9.41 0.04 -2.28	5.76 0.02 -3.31	5.77 0.01 -3.39	5.86 0.01 -4.07	11.42 0.07 -5.45	4.43 -0.05 -7.82	13.69 0.20 -3.92	25.57 0.58 0.00	19.73 0.30 -1.80	23.81 0.26 0.00	19.10 0.17 0.00
MILLIKEN__DIESEL 23629	13.18 0.11 -2.20	4.83 0.01 -3.01	7.67 0.03 -1.49	8.61 0.04 -1.25	13.50 0.10 -0.30	16.54 0.16 -0.11	15.08 0.22 -3.01	20.79 0.25 -0.37	12.71 0.12 -2.22	19.77 0.15 0.00	19.07 0.18 0.00	18.53 0.12 0.00	17.64 0.08 0.00	9.41 0.04 -2.28	5.76 0.02 -3.31	5.77 0.01 -3.39	5.86 0.01 -4.07	11.42 0.07 -5.45	4.43 -0.05 -7.82	13.69 0.20 -3.92	25.57 0.58 0.00	19.73 0.30 -1.80	23.81 0.26 0.00	19.10 0.17 0.00
MILLSEAT__LFGE 323607	10.44 -0.36 0.06	3.92 -0.07 -2.18	7.04 -0.18 -1.08	8.05 -0.18 -0.91	13.00 -0.32 -0.22	15.94 -0.40 -0.08	13.90 -0.14 -2.20	20.25 -0.20 -0.28	12.08 0.27 -1.44	19.48 -0.13 0.00	18.29 -0.60 0.00	17.65 -0.75 0.00	16.91 -0.65 0.00	8.54 -0.25 -1.70	4.81 -0.08 -2.46	4.80 -0.08 -2.51	4.74 -0.05 -3.03	9.71 -0.16 -3.98	2.23 0.02 -5.55	12.01 -0.35 -2.78	24.18 -0.81 0.00	18.33 -0.57 -1.27	22.48 -1.07 0.00	18.05 -0.89 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.11 0.62 -6.62	16.72 0.10 -14.82	13.77 0.28 -7.34	13.82 0.35 -6.15	15.21 0.62 -1.49	17.64 0.83 -0.54	27.26 0.62 -14.80	23.19 1.17 -1.84	21.73 0.67 -10.68	20.83 1.21 0.00	20.11 1.22 0.00	19.66 1.25 0.00	18.86 1.31 0.00	20.25 0.53 -12.63	20.97 0.19 -18.35	21.38 0.19 -18.82	24.56 0.14 -22.66	36.13 0.44 -29.79	38.36 -0.24 -41.95	31.25 0.68 -21.00	26.74 1.75 0.00	28.42 1.16 -9.63	24.99 1.45 0.00	20.00 1.07 0.00

MILLWOOD_13_KV_LOAD 356217	18.13 0.64 -6.62	16.72 0.10 -14.82	13.78 0.29 -7.34	13.83 0.36 -6.15	15.23 0.65 -1.49	17.67 0.86 -0.54	27.29 0.65 -14.80	23.24 1.22 -1.84	21.75 0.70 -10.68	20.87 1.26 0.00	20.15 1.26 0.00	19.70 1.29 0.00	18.91 1.35 0.00	20.27 0.55 -12.63	20.98 0.20 -18.35	21.38 0.20 -18.82	24.57 0.14 -22.66	36.15 0.46 -41.95	38.36 -0.25 -21.00	31.28 0.70 0.00	26.82 1.83 0.00	28.46 1.20 -9.63	25.05 1.50 0.00	20.04 1.11 0.00
MODEL_CITY_ENERGY 24167	10.21 -0.84 -0.18	4.02 -0.15 -2.36	6.88 -0.43 -1.17	7.82 -0.48 -0.98	12.45 -0.88 -0.24	15.18 -1.17 -0.09	13.48 -0.73 -2.37	19.16 -1.32 -0.30	11.48 -0.64 -1.74	18.38 -1.24 0.00	17.91 -0.98 0.00	17.32 -1.08 0.00	16.63 -0.93 0.00	8.58 -0.38 -1.87	5.03 -0.12 -2.71	5.03 -0.12 -2.77	5.02 -0.08 -3.34	9.99 -0.28 -4.38	2.87 0.10 -6.11	11.94 -0.69 -3.06	23.21 -1.78 0.00	17.81 -1.22 -1.40	21.65 -1.90 0.00	17.46 -1.47 0.00
MODERN_LFGE_ 323580	10.21 -0.84 -0.18	4.02 -0.15 -2.36	6.88 -0.43 -1.17	7.82 -0.48 -0.98	12.45 -0.88 -0.24	15.18 -1.17 -0.09	13.48 -0.73 -2.37	19.16 -1.32 -0.30	11.48 -0.64 -1.74	18.38 -1.24 0.00	17.91 -0.98 0.00	17.32 -1.08 0.00	16.63 -0.93 0.00	8.58 -0.38 -1.87	5.03 -0.12 -2.71	5.03 -0.12 -2.77	5.02 -0.08 -3.34	9.99 -0.28 -4.38	2.87 0.10 -6.11	11.94 -0.69 -3.06	23.21 -1.78 0.00	17.81 -1.22 -1.40	21.65 -1.90 0.00	17.46 -1.47 0.00
MOHAWK_PAPER___DRP 24187	20.02 0.35 -8.79	21.63 0.05 -19.77	16.15 0.21 -9.79	15.77 0.24 -8.21	15.51 0.42 -1.99	17.51 0.52 -0.73	32.25 0.40 -20.00	23.35 0.71 -2.46	24.87 0.34 -14.15	20.13 0.52 0.00	19.35 0.46 0.00	18.90 0.49 0.00	18.06 0.50 0.00	23.41 0.21 -16.10	25.86 0.07 -23.36	26.25 0.07 -23.81	30.43 0.06 -28.61	44.04 0.19 -37.96	49.93 -0.12 -53.40	36.65 0.34 -26.73	25.87 0.87 -0.01	30.50 0.62 -12.25	24.32 0.77 0.00	19.51 0.58 0.00
MOHICAN__35_KV_115KV_LD 80490	20.35 0.39 -9.09	22.31 0.06 -20.44	16.50 0.23 -10.13	16.10 0.29 -8.49	15.67 0.52 -2.05	17.78 0.76 -0.75	33.13 0.60 -20.69	23.64 0.91 -2.55	25.50 0.40 -14.72	20.22 0.61 0.00	19.41 0.52 0.00	18.95 0.54 0.00	17.95 0.39 0.00	23.85 0.14 -16.62	26.58 0.04 -24.10	26.98 0.04 -24.57	31.33 0.04 -29.52	45.24 0.19 -39.16	51.62 -0.11 -55.08	37.51 0.36 -27.57	25.88 0.89 -0.01	30.88 0.61 -12.64	24.55 1.00 0.00	19.75 0.82 0.00
MONGAUP___HYD 23641	17.35 0.66 -5.82	15.09 0.11 -13.17	13.02 0.35 -6.52	13.22 0.43 -5.47	15.18 0.76 -1.32	17.52 0.77 -0.48	25.60 0.51 -13.24	22.50 0.69 -1.63	20.24 0.38 -9.49	20.37 0.76 0.00	19.69 0.80 0.00	19.30 0.89 0.00	18.45 0.90 0.00	18.70 0.37 -11.24	18.88 0.12 -16.32	19.22 0.11 -16.74	22.00 0.08 -20.15	32.73 0.32 -26.52	33.88 -0.13 -37.36	28.64 0.36 -18.70	25.99 0.99 0.00	26.88 0.68 -8.57	24.84 1.30 0.00	20.08 1.15 0.00
MONTAUK___DIESEL 23721	18.75 1.21 -6.67	17.51 0.21 -15.49	14.18 0.65 -7.40	14.28 0.77 -6.20	16.01 1.42 -1.50	21.49 1.87 -3.35	28.70 1.36 -15.49	56.83 2.52 -34.13	23.84 1.32 -12.15	21.97 2.31 -0.04	21.00 2.11 0.00	20.43 2.02 0.00	19.46 1.91 0.00	21.04 0.78 -13.17	47.39 0.31 -44.64	48.60 0.32 -45.91	30.95 0.24 -28.95	39.12 0.80 -32.43	42.11 -0.45 -45.90	47.51 1.32 -36.61	34.38 3.49 -5.90	40.81 2.34 -20.84	30.22 3.01 -3.66	21.09 2.16 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	11.63 -0.01 -0.76	4.48 -0.02 -2.69	7.44 -0.04 -1.33	8.45 0.02 -1.12	13.43 0.06 -0.27	16.36 0.00 -0.10	14.71 0.16 -2.70	21.02 0.50 -0.34	12.67 0.29 -2.00	20.16 0.55 0.00	19.64 0.76 0.00	19.01 0.60 0.00	18.18 0.62 0.00	9.47 0.23 -2.15	5.63 0.08 -3.12	5.64 0.07 -3.20	5.67 0.06 -3.84	11.10 0.17 -5.04	3.52 -0.16 -7.02	13.27 0.18 -3.52	25.54 0.54 0.00	19.56 0.32 -1.61	23.64 0.09 0.00	18.93 0.00 0.00
MORTIMER_115KV_TB3 55949	10.04 -0.48 0.36	3.69 -0.08 -1.97	6.87 -0.25 -0.98	7.87 -0.27 -0.82	12.82 -0.48 -0.20	15.76 -0.57 -0.07	13.50 -0.32 -1.98	19.84 -0.58 -0.25	11.54 -0.27 -1.43	19.03 -0.58 0.00	18.41 -0.48 0.00	17.84 -0.57 0.00	17.08 -0.48 0.00	8.46 -0.20 -1.56	4.64 -0.06 -2.27	4.63 -0.05 -2.32	4.52 -0.04 -2.79	9.41 -0.13 -3.66	1.78 0.02 -5.11	11.87 -0.26 -2.56	24.32 -0.67 0.00	18.32 -0.48 -1.17	22.68 -0.86 0.00	18.22 -0.71 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.23 0.69 -6.67	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.69 -1.50	17.74 0.92 -0.55	27.43 0.68 -14.91	23.32 1.29 -1.85	21.89 0.76 -10.76	21.00 1.39 0.00	20.30 1.40 0.00	19.85 1.44 0.00	19.04 1.49 0.00	20.40 0.60 -12.71	21.10 0.21 -18.46	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.20	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.12 1.18 0.00
MUNSVILLE_WIND_PWR 323609	14.03 0.69 -2.47	6.23 0.10 -4.32	8.62 0.34 -2.14	9.51 0.40 -1.79	14.22 0.69 -0.43	17.38 0.96 -0.16	17.20 0.91 -4.44	23.20 2.25 -0.76	15.76 0.94 -4.45	21.00 1.39 0.00	19.98 1.09 0.00	19.30 0.90 0.00	18.21 0.65 0.00	12.01 0.17 -4.75	9.38 0.06 -6.89	9.46 0.05 -7.05	10.29 0.06 -8.47	16.01 0.29 -9.83	7.71 -0.16 -11.22	15.87 0.68 -5.62	26.88 1.89 0.00	21.37 1.17 -2.58	25.00 1.45 0.00	20.06 1.13 0.00
N SALMON___HYD 24042	10.59 -0.28 0.00	1.77 -0.04 0.00	6.09 -0.05 0.00	7.31 -0.01 0.00	13.15 0.05 0.00	16.43 0.16 0.00	11.96 0.11 0.00	20.34 0.16 0.00	10.42 0.05 0.00	19.74 0.13 0.00	18.81 -0.08 0.00	18.21 -0.20 0.00	17.24 -0.32 0.00	6.92 -0.17 0.00	2.36 -0.07 0.00	2.31 -0.06 0.00	1.73 -0.04 0.00	5.76 -0.13 0.00	-3.29 0.06 0.00	9.54 -0.03 0.00	25.00 0.01 0.00	17.73 0.10 0.00	23.82 0.27 0.00	19.24 0.31 0.00
N.AKRON__115KV_KNAPP 355671	10.35 -0.57 -0.05	3.97 -0.10 -2.27	6.98 -0.28 -1.12	7.96 -0.30 -0.94	12.78 -0.54 -0.23	15.63 -0.71 -0.08	13.74 -0.38 -2.27	19.70 -0.77 -0.28	11.55 -0.55 -1.72	18.78 -0.83 0.00	18.29 -0.60 0.00	17.67 -0.73 0.00	16.95 -0.61 0.00	8.63 -0.24 -1.78	4.94 -0.08 -2.58	4.94 -0.07 -2.64	4.89 -0.05 -3.17	9.91 -0.14 -4.16	2.48 0.02 -5.81	12.06 -0.42 -2.91	23.97 -1.03 0.00	18.26 -0.70 -1.33	22.32 -1.23 0.00	17.95 -0.99 0.00
N.BELMOR_69_KV_BK1 55787	18.42 0.88 -6.67	17.44 0.14 -15.49	13.96 0.42 -7.40	14.02 0.50 -6.20	15.52 0.92 -1.50	20.65 1.23 -3.15	28.25 0.91 -15.49	56.03 1.71 -34.13	23.46 0.94 -12.15	21.35 1.70 -0.04	20.55 1.66 0.00	20.05 1.65 0.00	19.19 1.63 0.00	20.93 0.67 -13.17	47.32 0.25 -44.64	48.53 0.24 -45.91	30.89 0.18 -28.95	38.88 0.57 -32.43	42.24 -0.31 -45.90	47.09 0.90 -36.61	33.24 2.35 -5.90	40.06 1.59 -20.84	29.30 2.09 -3.66	20.44 1.51 0.00
N.E._GEN_SANDY PD 24062	18.95 0.39 -7.68	19.40 0.06 -17.53	15.05 0.22 -8.68	14.86 0.26 -7.28	15.33 0.47 -1.76	17.50 0.58 -0.65	29.92 0.43 -17.64	23.12 0.76 -2.18	23.37 0.39 -12.61	19.86 0.59 0.35	19.42 0.55 0.02	19.02 0.61 0.00	18.20 0.64 0.00	21.87 0.27 -14.51	23.53 0.09 -21.00	23.44 0.09 -20.99	26.90 0.07 -25.07	40.32 0.22 -34.21	44.66 -0.13 -48.14	34.05 0.38 -24.10	25.92 0.92 0.00	30.13 0.67 -11.83	24.38 0.83 0.00	19.41 0.65 0.16

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.85 0.63 -6.34	16.11 0.10 -14.20	13.46 0.29 -7.04	13.56 0.35 -5.90	15.15 0.63 -1.43	17.62 0.83 -0.52	26.67 0.63 -14.19	23.12 1.18 -1.76	21.29 0.68 -10.24	20.84 1.23 0.00	20.13 1.24 0.00	19.69 1.28 0.00	18.90 1.34 0.00	19.85 0.55 -12.21	20.36 0.20 -17.73	20.76 0.20 -18.19	23.81 0.14 -21.90	35.15 0.46 -28.81	36.96 -0.26 -40.56	30.58 0.70 -20.30	26.80 1.80 0.00	28.13 1.20 -9.31	25.03 1.48 0.00	20.02 1.09 0.00
N.QUEENS_27_KV_LOAD 356247	18.25 0.71 -6.67	16.85 0.11 -14.93	13.86 0.32 -7.39	13.90 0.39 -6.20	15.29 0.69 -1.50	17.75 0.94 -0.55	27.42 0.67 -14.91	23.38 1.35 -1.85	21.93 0.79 -10.76	21.08 1.47 0.00	20.32 1.43 0.00	19.90 1.50 0.00	19.13 1.57 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.15 -22.79	36.35 0.50 -29.97	38.59 -0.26 -42.19	31.43 0.73 -21.12	26.93 1.94 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.20 1.27 0.00
N.TROY___115KV_TB1 355778	20.05 0.33 -8.84	21.74 0.05 -19.88	16.19 0.20 -9.85	15.81 0.24 -8.25	15.51 0.42 -2.00	17.52 0.52 -0.73	32.41 0.40 -20.17	23.33 0.68 -2.47	24.97 0.31 -14.28	20.06 0.44 0.00	19.25 0.36 0.00	18.82 0.42 0.00	17.97 0.41 0.00	23.46 0.18 -16.19	25.98 0.06 -23.49	26.35 0.05 -23.92	30.55 0.04 -28.74	44.21 0.16 -38.17	50.25 -0.10 -53.69	36.75 0.30 -26.88	25.71 0.72 -0.01	30.48 0.54 -12.32	24.24 0.69 0.00	19.47 0.54 0.00
NARROWS_GT1_1 24228	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT1_2 24229	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT1_3 24230	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT1_4 24231	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT1_5 24232	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT1_6 24233	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT1_7 24234	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT1_8 24235	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT2_1 24236	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT2_2 24237	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT2_3 24238	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT2_4 24239	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00

NARROWS_GT2_5 24240	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT2_6 24241	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT2_7 24242	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NARROWS_GT2_8 24243	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.24 0.31 -8.06	19.95 0.05 -18.09	15.32 0.21 -8.97	15.06 0.23 -7.51	15.33 0.42 -1.82	17.47 0.54 -0.67	30.50 0.41 -18.25	23.14 0.72 -2.24	23.52 0.25 -12.89	19.93 0.32 0.00	19.11 0.22 0.00	18.68 0.27 0.00	17.82 0.27 0.00	22.01 0.11 -14.81	23.96 0.04 -21.49	24.35 0.04 -21.94	28.19 0.04 -26.38	40.99 0.16 -34.94	45.75 -0.11 -49.20	34.55 0.35 -24.63	25.96 0.96 0.00	29.54 0.62 -11.29	24.31 0.76 0.00	19.50 0.57 0.00
NCHELSEA_115KV_TR2 355582	18.23 0.71 -6.65	16.81 0.11 -14.89	13.86 0.34 -7.38	13.91 0.41 -6.18	15.33 0.74 -1.50	17.78 0.97 -0.55	27.48 0.73 -14.90	23.38 1.36 -1.84	21.77 0.75 -10.65	20.92 1.31 0.00	20.16 1.26 0.00	19.71 1.30 0.00	18.91 1.35 0.00	20.29 0.55 -12.64	20.99 0.20 -18.36	21.39 0.20 -18.82	24.56 0.15 -22.65	36.20 0.48 -29.83	38.40 -0.27 -42.02	31.36 0.76 -21.03	26.96 1.96 0.00	28.56 1.29 -9.64	25.14 1.59 0.00	20.12 1.19 0.00
NEG CAPITAL___MECHNVIL 23645	20.27 0.45 -8.94	22.13 0.07 -20.25	16.43 0.26 -10.03	16.04 0.31 -8.41	15.69 0.56 -2.03	17.76 0.75 -0.75	32.78 0.57 -20.36	23.66 0.96 -2.52	25.46 0.44 -14.64	20.31 0.70 0.00	19.50 0.61 0.00	19.05 0.64 0.00	18.16 0.60 0.00	23.81 0.25 -16.47	26.40 0.08 -23.89	26.80 0.08 -24.35	31.08 0.06 -29.25	44.95 0.25 -38.82	51.11 -0.15 -54.60	37.35 0.44 -27.33	26.11 1.11 -0.01	30.94 0.78 -12.53	24.58 1.03 0.00	19.74 0.81 0.00
NEG CENTRAL_HIGH_ACRES 23767	9.99 -0.56 0.32	3.64 -0.10 -1.93	6.79 -0.31 -0.95	7.78 -0.34 -0.80	12.69 -0.60 -0.19	15.61 -0.73 -0.07	13.36 -0.42 -1.94	19.67 -0.75 -0.24	11.40 -0.38 -1.40	18.83 -0.78 0.00	18.22 -0.67 0.00	17.67 -0.74 0.00	16.91 -0.65 0.00	8.35 -0.26 -1.52	4.55 -0.08 -2.20	4.54 -0.08 -2.25	4.42 -0.06 -2.71	9.26 -0.20 -3.57	1.73 0.07 -5.00	11.74 -0.34 -2.50	24.12 -0.87 0.00	18.13 -0.65 -1.15	22.47 -1.08 0.00	18.04 -0.89 0.00
NEG CENTRAL___DRP 24199	17.49 -0.12 -6.74	3.86 -0.03 -2.08	7.08 -0.09 -1.03	8.09 -0.09 -0.86	13.15 -0.15 -0.21	16.20 -0.15 -0.08	13.94 0.02 -2.08	20.40 -0.04 -0.26	11.87 -0.02 -1.52	19.48 -0.13 0.00	18.81 -0.08 0.00	18.26 -0.15 0.00	17.42 -0.14 0.00	8.68 -0.05 -1.64	4.80 -0.01 -2.38	4.79 -0.02 -2.44	4.69 -0.01 -2.93	9.74 -0.01 -3.85	2.05 -0.01 -5.40	12.29 0.01 -2.71	25.06 0.07 0.00	18.82 -0.05 -1.24	23.32 -0.23 0.00	18.71 -0.23 0.00
NEG CENTRAL___INDECK 23768	12.45 -0.05 -1.63	4.43 -0.02 -2.64	7.41 -0.04 -1.31	8.42 0.00 -1.10	13.37 0.00 -0.27	16.44 0.08 -0.10	14.68 0.17 -2.66	20.72 0.21 -0.33	12.28 -0.04 -1.94	19.50 -0.11 0.00	18.87 -0.03 0.00	18.26 -0.15 0.00	17.47 -0.08 0.00	9.14 -0.05 -2.10	5.47 -0.01 -3.05	5.47 -0.01 -3.12	5.51 -0.01 -3.75	10.81 0.00 -4.92	3.48 -0.05 -6.87	13.13 0.12 -3.44	25.43 0.44 0.00	19.46 0.26 -1.58	23.61 0.06 0.00	18.92 -0.01 0.00
NEG CENTRAL___SENECA 23627	21.30 -0.08 -10.50	4.06 -0.02 -2.27	7.20 -0.07 -1.12	8.21 -0.05 -0.94	13.23 -0.10 -0.23	16.27 -0.08 -0.08	14.20 0.09 -2.26	20.52 0.05 -0.28	12.05 0.03 -1.65	19.55 -0.06 0.00	18.91 0.02 0.00	18.35 -0.05 0.00	17.53 -0.02 0.00	8.87 -0.01 -1.79	5.03 0.00 -2.60	5.02 -0.01 -2.66	4.96 0.00 -3.20	10.11 0.02 -4.21	2.52 -0.02 -5.89	12.57 0.05 -2.95	25.17 0.18 0.00	19.00 0.02 -1.35	23.37 -0.18 0.00	18.74 -0.19 0.00
NEG CENTRAL___STATE_STREET 24147	13.41 -0.04 -2.58	3.84 -0.01 -2.04	7.11 -0.05 -1.01	8.11 -0.06 -0.85	13.26 -0.04 -0.20	16.37 0.03 -0.08	13.98 0.11 -2.02	20.61 0.18 -0.25	11.94 0.08 -1.49	19.74 0.13 0.00	18.96 0.07 0.00	18.40 -0.01 0.00	17.48 -0.08 0.00	8.66 -0.02 -1.59	4.76 0.02 -2.31	4.74 0.01 -2.37	4.63 0.01 -2.84	9.72 0.07 -3.76	1.91 -0.05 -5.31	12.38 0.15 -2.66	25.42 0.43 0.00	19.01 0.17 -1.22	23.66 0.11 0.00	18.99 0.06 0.00
NEG MILLWOOD___DRP 24198	18.33 0.70 -6.75	17.03 0.11 -15.11	13.96 0.33 -7.49	14.00 0.40 -6.27	15.34 0.73 -1.52	17.78 0.96 -0.56	27.69 0.73 -15.11	23.42 1.37 -1.87	22.00 0.77 -10.86	20.97 1.36 0.00	20.22 1.34 0.00	19.77 1.36 0.00	18.97 1.41 0.00	20.48 0.57 -12.81	21.24 0.20 -18.61	21.65 0.20 -19.08	24.88 0.15 -22.96	36.61 0.49 -30.22	38.94 -0.27 -42.56	31.65 0.77 -21.30	26.99 2.00 0.00	28.71 1.32 -9.77	25.18 1.64 0.00	20.14 1.21 0.00
NEG NORTH_FLCN_SEA 23793	10.72 -0.21 -0.06	1.88 -0.03 -0.11	6.22 0.03 -0.05	7.46 0.10 -0.04	13.37 0.26 -0.01	16.76 0.49 0.00	12.31 0.37 -0.10	20.94 0.75 -0.01	10.82 0.37 -0.08	20.28 0.66 0.00	19.23 0.33 0.00	18.60 0.20 0.00	17.56 0.01 0.00	7.15 -0.03 -0.09	2.54 -0.02 -0.13	2.49 -0.01 -0.13	1.92 0.00 -0.15	6.09 0.00 -0.20	-3.09 -0.03 -0.28	9.96 0.24 -0.14	25.75 0.76 0.00	18.31 0.62 -0.07	24.57 1.02 0.00	19.94 1.01 0.00
NEG NORTH_KES_CHATEGAY 23792	10.65 -0.29 -0.06	1.88 -0.04 -0.12	6.17 -0.03 -0.06	7.40 0.03 -0.05	13.24 0.13 -0.01	16.55 0.28 0.00	12.14 0.19 -0.10	20.44 0.25 -0.01	10.55 0.10 -0.08	19.82 0.20 0.00	18.84 -0.05 0.00	18.22 -0.19 0.00	17.22 -0.34 0.00	7.01 -0.18 -0.09	2.50 -0.08 -0.14	2.45 -0.06 -0.14	1.89 -0.04 -0.17	5.98 -0.13 -0.22	-2.98 0.05 -0.31	9.73 0.00 -0.16	25.10 0.10 0.00	17.87 0.17 -0.07	23.96 0.41 0.00	19.39 0.46 0.00

NEG NORTH___ALICE_FALLS 23915	10.71 -0.23 -0.06	1.88 -0.03 -0.11	6.21 0.01 -0.05	7.44 0.08 -0.05	13.33 0.23 -0.01	16.71 0.44 0.00	12.28 0.34 -0.10	20.87 0.67 -0.01	10.77 0.32 -0.08	20.18 0.57 0.00	19.14 0.25 0.00	18.52 0.11 0.00	17.49 -0.08 0.00	7.11 -0.07 -0.09	2.53 -0.03 -0.13	2.47 -0.02 -0.13	1.91 -0.01 -0.15	6.07 -0.03 -0.20	-3.07 -0.02 -0.29	9.92 0.20 -0.14	25.65 0.66 0.00	18.24 0.55 -0.07	24.46 0.91 0.00	19.84 0.91 0.00
NEG NORTH___LWR_SARANAC 23913	10.71 -0.23 -0.06	1.88 -0.03 -0.11	6.21 0.01 -0.05	7.44 0.08 -0.05	13.33 0.23 -0.01	16.71 0.44 0.00	12.28 0.34 -0.10	20.87 0.67 -0.01	10.77 0.32 -0.08	20.18 0.57 0.00	19.14 0.25 0.00	18.52 0.11 0.00	17.49 -0.08 0.00	7.11 -0.07 -0.09	2.53 -0.03 -0.13	2.47 -0.02 -0.13	1.91 -0.01 -0.15	6.07 -0.03 -0.20	-3.07 -0.02 -0.29	9.92 0.20 -0.14	25.65 0.66 0.00	18.24 0.55 -0.07	24.46 0.91 0.00	19.84 0.91 0.00
NEG NORTH___PLATTSBURG 23628	10.65 -0.22 0.00	1.78 -0.03 0.00	6.15 0.01 0.00	7.40 0.08 0.00	13.32 0.23 0.00	16.71 0.45 0.00	12.19 0.34 0.00	20.85 0.67 0.00	10.69 0.32 0.00	20.18 0.57 0.00	19.15 0.26 0.00	18.52 0.11 0.00	17.49 -0.07 0.00	7.02 -0.07 0.00	2.40 -0.03 0.00	2.35 -0.02 0.00	1.75 -0.01 0.00	5.86 -0.03 0.00	-3.36 -0.02 0.00	9.77 0.20 0.00	25.65 0.66 0.00	18.18 0.55 0.00	24.46 0.91 0.00	19.83 0.90 0.00
NEG WEST_LEA_LOCKPORT 23791	10.27 -0.75 -0.15	4.02 -0.13 -2.34	6.93 -0.37 -1.16	7.88 -0.41 -0.97	12.59 -0.75 -0.23	15.35 -1.00 -0.09	13.58 -0.61 -2.35	19.35 -1.12 -0.29	11.55 -0.55 -1.72	18.57 -1.04 0.00	18.10 -0.79 0.00	17.50 -0.91 0.00	16.80 -0.76 0.00	8.63 -0.32 -1.86	5.03 -0.10 -2.70	5.04 -0.09 -2.76	5.02 -0.07 -3.32	10.01 -0.23 -4.36	2.79 0.06 -6.08	12.04 -0.58 -3.04	23.50 -1.49 0.00	18.00 -1.02 -1.39	21.94 -1.61 0.00	17.67 -1.26 0.00
NEG WEST___LANCASTR 23811	11.01 -0.31 -0.45	4.45 -0.06 -2.71	7.31 -0.17 -1.34	8.28 -0.16 -1.12	13.11 -0.26 -0.27	16.00 -0.36 -0.10	14.40 -0.16 -2.72	20.28 -0.24 -0.35	12.27 -0.12 -2.02	19.41 -0.20 0.00	18.89 0.00 0.00	18.29 -0.12 0.00	17.55 -0.01 0.00	9.22 -0.04 -2.16	5.56 -0.01 -3.13	5.57 -0.01 -3.21	5.62 0.00 -3.85	10.93 -0.01 -5.05	3.66 -0.03 -7.05	12.93 -0.17 -3.53	24.66 -0.33 0.00	18.91 -0.34 -1.62	22.98 -0.57 0.00	18.51 -0.43 0.00
NEG_PENN_ALLEGHNY 23528	13.44 0.08 -2.48	6.43 0.00 -4.62	8.44 0.00 -2.29	9.26 0.02 -1.92	13.60 0.04 -0.47	16.53 0.09 -0.17	16.65 0.14 -4.66	21.00 0.23 -0.60	13.99 0.14 -3.48	19.80 0.19 0.00	19.11 0.22 0.00	18.57 0.17 0.00	17.74 0.18 0.00	10.91 0.07 -3.75	7.90 0.03 -5.44	7.96 0.03 -5.56	8.48 0.02 -6.69	14.70 0.10 -8.71	8.61 -0.04 -12.00	15.72 0.14 -6.01	25.40 0.40 0.00	20.56 0.18 -2.75	23.67 0.12 0.00	18.99 0.06 0.00
NEG___GEN_MONROE 24207	10.11 -0.42 0.34	3.72 -0.08 -1.98	6.91 -0.22 -0.98	7.91 -0.23 -0.82	12.91 -0.38 -0.20	15.85 -0.49 -0.07	13.59 -0.24 -1.99	19.97 -0.46 -0.25	11.63 -0.17 -1.43	19.14 -0.47 0.00	18.45 -0.44 0.00	17.86 -0.55 0.00	17.11 -0.45 0.00	8.47 -0.18 -1.57	4.65 -0.06 -2.28	4.64 -0.06 -2.33	4.53 -0.04 -2.80	9.43 -0.14 -3.68	1.81 0.02 -5.13	11.88 -0.26 -2.57	24.36 -0.63 0.00	18.36 -0.45 -1.18	22.71 -0.84 0.00	18.24 -0.69 0.00
NEPA___ENERGY 23901	12.10 -0.19 -1.42	4.93 -0.05 -3.18	7.55 -0.16 -1.57	8.49 -0.15 -1.32	13.16 -0.25 -0.32	16.08 -0.30 -0.12	14.90 -0.09 -3.14	20.38 -0.21 -0.41	12.64 -0.08 -2.35	19.44 -0.17 0.00	18.86 -0.03 0.00	18.27 -0.14 0.00	17.52 -0.04 0.00	9.60 -0.03 -2.54	6.12 0.00 -3.68	6.14 0.00 -3.77	6.30 0.00 -4.53	11.81 -0.02 -5.93	4.91 0.00 -8.26	13.57 -0.14 -4.14	24.69 -0.31 0.00	19.17 -0.36 -1.90	22.98 -0.57 0.00	18.51 -0.42 0.00
NEVERSINK___HYD 23608	17.37 0.87 -5.63	14.69 0.13 -12.75	12.89 0.43 -6.31	13.14 0.53 -5.29	15.31 0.94 -1.28	17.88 1.15 -0.47	25.57 0.93 -12.80	23.33 1.61 -1.54	20.20 0.85 -8.98	21.02 1.41 0.00	20.26 1.37 0.00	19.82 1.41 0.00	19.08 1.52 0.00	17.72 0.61 -10.02	17.17 0.19 -14.55	17.45 0.18 -14.90	19.83 0.13 -17.93	30.23 0.49 -23.85	30.39 -0.27 -34.00	27.38 0.78 -17.02	27.07 2.07 0.00	26.79 1.36 -7.80	25.15 1.60 0.00	20.14 1.21 0.00
NEWKRMKL_115KV_TB1 55635	19.77 0.18 -8.73	21.45 0.03 -19.61	15.99 0.13 -9.72	15.60 0.14 -8.14	15.30 0.23 -1.97	17.23 0.25 -0.72	31.88 0.20 -19.84	22.97 0.36 -2.44	24.59 0.16 -14.06	19.81 0.20 0.00	19.07 0.18 0.00	18.66 0.25 0.00	17.83 0.27 0.00	23.19 0.12 -15.98	25.66 0.04 -23.19	26.04 0.04 -23.64	30.20 0.03 -28.40	43.67 0.11 -37.67	49.59 -0.07 -53.00	36.29 0.19 -26.53	25.46 0.47 -0.01	30.11 0.32 -12.16	23.91 0.36 0.00	19.18 0.25 0.00
NEWTON___FALLS_HYD 23847	10.70 -0.42 -0.25	2.20 -0.08 -0.46	6.11 -0.27 -0.23	7.18 -0.33 -0.20	12.61 -0.54 -0.05	15.72 -0.56 -0.02	11.91 -0.40 -0.46	19.52 -0.72 -0.06	10.26 -0.45 -0.34	18.79 -0.82 0.00	18.01 -0.88 0.00	17.45 -0.96 0.00	16.57 -0.98 0.00	7.06 -0.41 -0.37	2.83 -0.14 -0.54	2.78 -0.14 -0.55	2.33 -0.10 -0.66	6.43 -0.33 -0.87	-1.93 0.19 -1.23	9.83 -0.36 -0.61	24.22 -0.77 0.00	17.40 -0.51 -0.28	22.90 -0.65 0.00	18.40 -0.54 0.00
NGRID_A1_DSASP 323792	10.09 -1.01 -0.22	4.01 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.56 -0.99	12.30 -1.04 -0.24	14.99 -1.37 -0.09	13.35 -0.89 -2.40	18.91 -1.57 -0.30	11.38 -0.75 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.13 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.46 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.80	5.04 -0.10 -3.37	10.02 -0.30 -4.43	2.95 0.12 -6.17	11.92 -0.74 -3.09	23.02 -1.97 0.00	17.70 -1.34 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
NGRID_A2_DSASP 323793	10.09 -1.01 -0.22	4.01 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.56 -0.99	12.30 -1.04 -0.24	14.99 -1.37 -0.09	13.35 -0.89 -2.40	18.91 -1.57 -0.30	11.38 -0.75 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.13 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.46 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.80	5.04 -0.10 -3.37	10.02 -0.30 -4.43	2.95 0.12 -6.17	11.92 -0.74 -3.09	23.02 -1.97 0.00	17.70 -1.34 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
NGRID_A4_DSASP 323807	10.08 -1.01 -0.22	4.02 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.57 -0.99	12.30 -1.04 -0.24	14.99 -1.36 -0.09	13.35 -0.89 -2.39	18.89 -1.59 -0.30	11.38 -0.76 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.14 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.47 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.81	5.04 -0.10 -3.38	9.99 -0.32 -4.43	2.95 0.12 -6.17	11.91 -0.75 -3.09	23.01 -1.99 0.00	17.69 -1.36 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
NIAGARA_115E_LBMP 323715	10.18 -0.89 -0.20	4.02 -0.15 -2.37	6.86 -0.46 -1.18	7.79 -0.51 -0.98	12.39 -0.95 -0.24	15.09 -1.26 -0.09	13.43 -0.80 -2.39	19.05 -1.43 -0.30	11.43 -0.69 -1.75	18.28 -1.34 0.00	17.82 -1.07 0.00	17.24 -1.17 0.00	16.55 -1.01 0.00	8.56 -0.42 -1.88	5.03 -0.13 -2.73	5.03 -0.13 -2.80	5.03 -0.09 -3.36	9.99 -0.30 -4.41	2.93 0.12 -6.15	11.90 -0.75 -3.08	23.05 -1.95 0.00	17.71 -1.33 -1.41	21.51 -2.04 0.00	17.35 -1.58 0.00

NIAGARA_115W_LBMP 323714	10.06 -1.03 -0.22	4.01 -0.18 -2.38	6.81 -0.51 -1.18	7.72 -0.58 -0.99	12.27 -1.07 -0.24	14.95 -1.41 -0.09	13.32 -0.92 -2.39	18.85 -1.63 -0.30	11.35 -0.78 -1.75	18.12 -1.49 0.00	17.67 -1.23 0.00	17.09 -1.32 0.00	16.41 -1.15 0.00	8.50 -0.48 -1.89	5.02 -0.15 -2.74	5.02 -0.15 -2.80	5.03 -0.11 -3.37	10.00 -0.31 -4.42	2.96 0.13 -6.17	11.89 -0.77 -3.09	22.96 -2.03 0.00	17.65 -1.39 -1.41	21.44 -2.11 0.00	17.30 -1.64 0.00
NIAGARA_230_LBMP 323716	10.24 -0.84 -0.22	4.01 -0.15 -2.35	6.88 -0.43 -1.16	7.83 -0.47 -0.98	12.48 -0.86 -0.24	15.20 -1.16 -0.09	13.48 -0.73 -2.36	19.16 -1.31 -0.30	11.47 -0.63 -1.73	18.39 -1.23 0.00	17.92 -0.96 0.00	17.34 -1.06 0.00	16.65 -0.90 0.00	8.58 -0.37 -1.87	5.03 -0.11 -2.71	5.03 -0.11 -2.77	5.02 -0.08 -3.33	9.98 -0.28 -4.37	2.84 0.08 -6.10	11.99 -0.63 -3.05	23.34 -1.65 0.00	17.89 -1.14 -1.40	21.79 -1.76 0.00	17.57 -1.36 0.00
NIAGARA__115KV_198_GIBSON 55903	10.05 -1.05 -0.22	4.01 -0.18 -2.38	6.80 -0.52 -1.18	7.72 -0.59 -0.99	12.27 -1.07 -0.24	14.95 -1.40 -0.09	13.31 -0.92 -2.39	18.83 -1.65 -0.30	11.35 -0.79 -1.76	18.12 -1.49 0.00	17.67 -1.22 0.00	17.09 -1.32 0.00	16.41 -1.15 0.00	8.50 -0.48 -1.89	5.02 -0.15 -2.74	5.02 -0.15 -2.80	5.03 -0.11 -3.37	9.97 -0.34 -4.42	2.95 0.13 -6.17	11.88 -0.77 -3.09	22.94 -2.05 0.00	17.64 -1.40 -1.41	21.44 -2.11 0.00	17.30 -1.64 0.00
NIAGARA____ 23760	10.18 -0.92 -0.22	4.02 -0.16 -2.37	6.86 -0.46 -1.17	7.79 -0.52 -0.98	12.39 -0.94 -0.24	15.11 -1.24 -0.09	13.43 -0.80 -2.38	19.07 -1.41 -0.30	11.44 -0.68 -1.74	18.30 -1.31 0.00	17.84 -1.05 0.00	17.26 -1.15 0.00	16.57 -0.99 0.00	8.56 -0.41 -1.88	5.02 -0.14 -2.73	5.02 -0.14 -2.79	5.03 -0.09 -3.36	10.02 -0.28 -4.41	2.94 0.13 -6.16	11.93 -0.71 -3.08	23.16 -1.83 0.00	17.78 -1.26 -1.41	21.63 -1.92 0.00	17.44 -1.49 0.00
NINE_MILE_1 23575	10.96 -0.45 -0.54	2.94 -0.08 -1.22	6.48 -0.26 -0.60	7.52 -0.31 -0.50	12.68 -0.54 -0.12	15.65 -0.66 -0.04	12.64 -0.43 -1.22	19.58 -0.75 -0.15	10.88 -0.38 -0.89	18.85 -0.76 0.00	18.19 -0.71 0.00	17.69 -0.71 0.00	16.89 -0.67 0.00	7.78 -0.27 -0.96	3.74 -0.09 -1.40	3.71 -0.09 -1.43	3.42 -0.06 -1.72	7.94 -0.21 -2.26	-0.08 0.11 -3.16	10.82 -0.34 -1.58	24.14 -0.85 0.00	17.72 -0.63 -0.72	22.61 -0.94 0.00	18.15 -0.78 0.00
NINE_MILE_2 23744	10.96 -0.45 -0.54	2.94 -0.08 -1.21	6.48 -0.26 -0.60	7.52 -0.31 -0.50	12.68 -0.54 -0.12	15.65 -0.66 -0.04	12.64 -0.43 -1.22	19.58 -0.75 -0.15	10.88 -0.38 -0.89	18.85 -0.76 0.00	18.19 -0.71 0.00	17.70 -0.71 0.00	16.89 -0.67 0.00	7.78 -0.27 -0.96	3.74 -0.09 -1.40	3.71 -0.09 -1.43	3.42 -0.06 -1.72	7.94 -0.21 -2.26	-0.08 0.11 -3.16	10.82 -0.34 -1.58	24.14 -0.85 0.00	17.72 -0.63 -0.72	22.61 -0.94 0.00	18.15 -0.78 0.00
NM_CAPITAL____DRP 24208	19.76 0.20 -8.68	21.36 0.03 -19.52	15.95 0.14 -9.67	15.58 0.16 -8.10	15.33 0.27 -1.96	17.28 0.29 -0.72	31.82 0.23 -19.74	23.02 0.41 -2.43	24.52 0.19 -13.96	19.86 0.25 0.00	19.10 0.21 0.00	18.68 0.27 0.00	17.86 0.30 0.00	23.13 0.13 -15.91	25.55 0.04 -23.08	25.93 0.04 -23.52	30.06 0.03 -28.26	43.50 0.12 -37.50	49.33 -0.07 -52.75	36.18 0.20 -26.40	25.49 0.50 -0.01	30.09 0.36 -12.10	23.96 0.41 0.00	19.22 0.29 0.00
NM_CENTRAL____DRP 24181	11.49 -0.23 -0.84	3.27 -0.04 -1.50	6.74 -0.15 -0.75	7.78 -0.17 -0.62	12.96 -0.29 -0.15	15.99 -0.33 -0.06	13.18 -0.17 -1.51	20.04 -0.33 -0.19	11.32 -0.16 -1.11	19.26 -0.35 0.00	18.59 -0.30 0.00	18.09 -0.31 0.00	17.28 -0.28 0.00	8.16 -0.11 -1.18	4.11 -0.04 -1.72	4.09 -0.04 -1.76	3.85 -0.02 -2.11	8.59 -0.08 -2.78	0.58 0.03 -3.89	11.40 -0.12 -1.95	24.70 -0.30 0.00	18.27 -0.25 -0.89	23.09 -0.46 0.00	18.53 -0.40 0.00
NM_FRONTIER____DRP 24179	10.05 -1.05 -0.22	4.01 -0.18 -2.38	6.80 -0.52 -1.18	7.72 -0.59 -0.99	12.27 -1.07 -0.24	14.95 -1.40 -0.09	13.31 -0.92 -2.39	18.83 -1.65 -0.30	11.35 -0.79 -1.76	18.12 -1.49 0.00	17.67 -1.22 0.00	17.09 -1.32 0.00	16.41 -1.15 0.00	8.50 -0.48 -1.89	5.02 -0.15 -2.74	5.02 -0.15 -2.80	5.03 -0.11 -3.37	9.97 -0.34 -4.42	2.95 0.13 -6.17	11.88 -0.77 -3.09	22.94 -2.05 0.00	17.64 -1.40 -1.41	21.44 -2.11 0.00	17.30 -1.64 0.00
NM_ST_REGIS____HYD 24053	10.59 -0.41 -0.13	1.98 -0.06 -0.23	6.08 -0.18 -0.11	7.21 -0.21 -0.10	12.80 -0.32 -0.02	15.90 -0.37 -0.01	11.78 -0.29 -0.22	19.70 -0.51 -0.03	10.23 -0.31 -0.17	19.12 -0.49 0.00	18.31 -0.58 0.00	17.78 -0.63 0.00	16.88 -0.68 0.00	6.99 -0.29 -0.19	2.60 -0.11 -0.28	2.54 -0.11 -0.28	2.03 -0.08 -0.34	6.09 -0.24 -0.45	-2.57 0.14 -0.63	9.59 -0.30 -0.32	24.30 -0.70 0.00	17.36 -0.42 -0.14	23.09 -0.46 0.00	18.63 -0.30 0.00
NORTHPORT____1 23551	18.38 0.92 -6.59	17.45 0.15 -15.49	13.99 0.45 -7.40	14.05 0.53 -6.20	15.58 0.98 -1.50	20.93 1.31 -3.36	28.40 0.96 -15.59	56.11 1.79 -34.13	23.49 0.96 -12.16	21.33 1.68 -0.04	20.48 1.59 0.00	19.97 1.57 0.00	19.09 1.53 0.00	20.89 0.63 -13.17	47.31 0.23 -44.64	48.51 0.23 -45.91	30.88 0.17 -28.95	38.83 0.52 -32.43	42.27 -0.28 -45.89	46.99 0.81 -36.61	33.00 2.12 -5.89	39.93 1.46 -20.84	29.22 2.01 -3.66	20.39 1.46 0.00
NORTHPORT____2 23552	18.38 0.92 -6.59	17.45 0.15 -15.49	13.99 0.45 -7.40	14.05 0.53 -6.20	15.58 0.98 -1.50	20.93 1.31 -3.36	28.40 0.96 -15.59	56.11 1.79 -34.13	23.49 0.96 -12.16	21.33 1.68 -0.04	20.48 1.59 0.00	19.97 1.57 0.00	19.09 1.53 0.00	20.89 0.63 -13.17	47.31 0.23 -44.64	48.51 0.23 -45.91	30.88 0.17 -28.95	38.83 0.52 -32.43	42.27 -0.28 -45.89	46.99 0.81 -36.61	33.00 2.12 -5.89	39.93 1.46 -20.84	29.22 2.01 -3.66	20.39 1.46 0.00
NORTHPORT____3 23553	18.34 0.88 -6.59	17.44 0.14 -15.49	13.97 0.43 -7.40	14.02 0.50 -6.20	15.53 0.93 -1.50	20.87 1.25 -3.36	28.36 0.93 -15.59	56.04 1.73 -34.13	23.46 0.93 -12.16	21.29 1.64 -0.04	20.45 1.56 0.00	19.95 1.54 0.00	19.06 1.51 0.00	20.88 0.62 -13.17	47.31 0.23 -44.64	48.51 0.23 -45.91	30.88 0.17 -28.95	38.86 0.54 -32.43	42.26 -0.29 -45.90	47.03 0.84 -36.61	33.07 2.18 -5.90	39.95 1.48 -20.84	29.19 1.99 -3.66	20.37 1.44 0.00
NORTHPORT____4 23650	18.34 0.88 -6.59	17.44 0.14 -15.49	13.97 0.43 -7.40	14.02 0.50 -6.20	15.53 0.93 -1.50	20.87 1.25 -3.36	28.36 0.93 -15.59	56.04 1.73 -34.13	23.46 0.93 -12.16	21.29 1.64 -0.04	20.45 1.56 0.00	19.95 1.54 0.00	19.06 1.51 0.00	20.88 0.62 -13.17	47.31 0.23 -44.64	48.51 0.23 -45.91	30.88 0.17 -28.95	38.86 0.54 -32.43	42.26 -0.29 -45.90	47.03 0.84 -36.61	33.07 2.18 -5.90	39.95 1.48 -20.84	29.19 1.99 -3.66	20.37 1.44 0.00
NORTHPORT____IC 23718	18.38 0.92 -6.59	17.45 0.15 -15.49	13.99 0.45 -7.40	14.05 0.53 -6.20	15.58 0.98 -1.50	20.93 1.31 -3.36	28.40 0.96 -15.59	56.11 1.79 -34.13	23.49 0.96 -12.16	21.33 1.68 -0.04	20.48 1.59 0.00	19.97 1.57 0.00	19.09 1.53 0.00	20.89 0.63 -13.17	47.31 0.23 -44.64	48.51 0.23 -45.91	30.88 0.17 -28.95	38.83 0.52 -32.43	42.27 -0.28 -45.89	46.99 0.81 -36.61	33.00 2.12 -5.89	39.93 1.46 -20.84	29.22 2.01 -3.66	20.39 1.46 0.00

NORTH__COUNTRY_ESR 323785	10.55 -0.32 0.00	1.76 -0.05 0.00	6.10 -0.05 0.00	7.33 0.01 0.00	13.19 0.10 0.00	16.51 0.25 0.00	12.00 0.16 0.00	20.38 0.20 0.00	10.45 0.08 0.00	19.78 0.16 0.00	18.81 -0.08 0.00	18.19 -0.22 0.00	17.20 -0.36 0.00	6.91 -0.19 0.00	2.36 -0.08 0.00	2.30 -0.07 0.00	1.72 -0.05 0.00	5.75 -0.14 0.00	-3.29 0.06 0.00	9.54 -0.04 0.00	24.99 0.00 0.00	17.73 0.10 0.00	23.87 0.33 0.00	19.32 0.39 0.00
NPX_GEN_1385_PROXY 323591	18.45 0.98 -6.59	17.46 0.16 -15.49	14.01 0.47 -7.40	14.05 0.53 -6.20	15.62 1.02 -1.50	20.78 1.16 -3.36	28.40 0.96 -15.59	55.93 1.61 -34.13	23.33 0.80 -12.16	20.93 1.28 -0.04	20.03 1.14 0.00	19.56 1.16 0.00	18.66 1.10 0.00	20.72 0.45 -13.17	47.23 0.15 -44.64	33.48 0.15 -30.96	-27.14 0.10 29.02	26.06 0.30 -19.86	42.37 -0.18 -45.89	46.76 0.58 -36.61	32.29 1.40 -5.89	39.57 1.10 -20.84	28.63 1.43 -3.66	20.00 1.07 0.00
NPX_GEN_CSC 323557	18.32 0.86 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.05 0.54 -6.20	15.58 0.98 -1.50	20.91 1.29 -3.36	28.35 0.91 -15.59	56.03 1.71 -34.13	23.44 0.90 -12.16	21.21 1.56 -0.04	20.34 1.44 0.00	19.81 1.40 0.00	18.90 1.34 0.00	20.81 0.55 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.87 0.55 -32.43	42.25 -0.30 -45.90	47.10 0.91 -36.61	33.26 2.37 -5.90	40.06 1.59 -20.84	29.30 2.10 -3.66	20.40 1.46 0.00
NSINS_S_GLNS_FALLS 23858	20.36 0.39 -9.10	22.33 0.06 -20.46	16.51 0.23 -10.14	16.10 0.29 -8.50	15.67 0.52 -2.06	17.78 0.76 -0.75	33.15 0.59 -20.71	23.64 0.91 -2.55	25.52 0.41 -14.74	20.23 0.62 0.00	19.42 0.54 0.00	18.95 0.55 0.00	17.95 0.39 0.00	23.86 0.14 -16.63	26.60 0.04 -24.13	27.01 0.04 -24.60	31.35 0.03 -29.55	45.27 0.18 -39.20	51.68 -0.11 -55.14	37.51 0.34 -27.60	25.84 0.84 -0.01	30.86 0.58 -12.65	24.54 0.99 0.00	19.74 0.81 0.00
NUCOR_STEEL__DRP 24197	12.52 -0.05 -1.70	3.77 -0.01 -1.97	7.07 -0.05 -0.98	8.07 -0.06 -0.82	13.24 -0.06 -0.20	16.25 -0.09 -0.07	13.89 0.07 -1.98	20.43 0.01 -0.25	11.81 -0.01 -1.45	19.59 -0.02 0.00	18.90 0.01 0.00	18.38 -0.03 0.00	17.45 -0.10 0.00	8.60 -0.03 -1.54	4.67 0.00 -2.24	4.64 -0.01 -2.29	4.52 0.00 -2.75	9.55 0.03 -3.64	1.76 -0.02 -5.13	12.21 0.07 -2.57	25.22 0.23 0.00	18.83 0.03 -1.18	23.48 -0.07 0.00	18.87 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	11.04 -0.11 -0.28	2.40 -0.04 -0.63	6.31 -0.15 -0.31	7.37 -0.21 -0.26	12.85 -0.32 -0.06	16.07 -0.21 -0.02	12.38 -0.10 -0.64	19.98 -0.28 -0.08	10.61 -0.22 -0.46	19.14 -0.47 0.00	18.40 -0.49 0.00	17.79 -0.62 0.00	16.87 -0.69 0.00	7.31 -0.29 -0.50	3.06 -0.10 -0.73	3.01 -0.10 -0.74	2.59 -0.07 -0.90	6.82 -0.24 -1.18	-1.57 0.13 -1.65	10.28 -0.13 -0.83	24.87 -0.12 0.00	17.93 -0.08 -0.38	23.46 -0.09 0.00	18.80 -0.13 0.00
NYISO_LBMP_REFERENCE 24008	10.87 0.00 0.00	1.81 0.00 0.00	6.14 0.00 0.00	7.32 0.00 0.00	13.10 0.00 0.00	16.26 0.00 0.00	11.84 0.00 0.00	20.18 0.00 0.00	10.37 0.00 0.00	19.61 0.00 0.00	18.89 0.00 0.00	18.41 0.00 0.00	17.56 0.00 0.00	7.09 0.00 0.00	2.43 0.00 0.00	2.37 0.00 0.00	1.77 0.00 0.00	5.89 0.00 0.00	-3.34 0.00 0.00	9.57 0.00 0.00	24.99 0.00 0.00	17.63 0.00 0.00	23.55 0.00 0.00	18.93 0.00 0.00
NYPA_BRENTWD__GT 24164	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.57 -6.20	15.66 1.06 -1.50	21.03 1.42 -3.35	28.48 1.05 -15.59	56.27 1.96 -34.13	23.57 1.04 -12.16	21.50 1.84 -0.04	20.63 1.73 0.00	20.10 1.70 0.00	19.21 1.65 0.00	20.94 0.68 -13.17	47.33 0.26 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.13 0.94 -36.61	33.35 2.46 -5.90	40.19 1.72 -20.84	29.51 2.31 -3.66	20.58 1.65 0.00
NYPA_GOWANUS__GT5 24156	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NYPA_GOWANUS__GT6 24157	18.22 0.75 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.34 0.74 -1.50	17.81 0.99 -0.55	27.58 0.73 -15.01	23.42 1.38 -1.85	21.97 0.82 -10.77	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.63 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.07 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00
NYPA_HARLEM_RVR_GT1 24160	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.93 -0.55	27.52 0.66 -15.01	23.35 1.32 -1.85	21.92 0.78 -10.77	21.05 1.43 0.00	20.29 1.40 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.89 1.89 0.00	28.59 1.28 -9.68	25.16 1.61 0.00	20.17 1.23 0.00
NYPA_HARLEM_RVR_GT2 24161	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.93 -0.55	27.52 0.66 -15.01	23.35 1.32 -1.85	21.92 0.78 -10.77	21.05 1.43 0.00	20.29 1.40 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.89 1.89 0.00	28.59 1.28 -9.68	25.16 1.61 0.00	20.17 1.23 0.00
NYPA_KENT__GT 24152	18.20 0.74 -6.59	16.85 0.11 -14.93	13.88 0.34 -7.39	13.92 0.41 -6.20	15.32 0.73 -1.50	17.80 0.98 -0.55	27.57 0.72 -15.01	23.41 1.37 -1.85	21.96 0.82 -10.77	21.12 1.51 0.00	20.40 1.51 0.00	19.97 1.56 0.00	19.17 1.61 0.00	20.44 0.64 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.72 0.16 -22.79	36.38 0.52 -29.97	38.58 -0.27 -42.19	31.47 0.78 -21.12	27.03 2.03 0.00	28.67 1.36 -9.68	25.25 1.70 0.00	20.21 1.28 0.00
NYPA_POUCH1__GT 24155	18.20 0.74 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.92 0.40 -6.20	15.31 0.72 -1.50	17.78 0.97 -0.55	27.56 0.70 -15.01	23.33 1.30 -1.85	21.92 0.78 -10.77	21.05 1.44 0.00	20.30 1.41 0.00	19.89 1.49 0.00	19.09 1.53 0.00	20.41 0.61 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.46 0.76 -21.12	27.00 2.00 0.00	28.65 1.34 -9.68	25.22 1.67 0.00	20.20 1.27 0.00
NYPA_VERNON__GT2 24162	18.19 0.73 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.92 0.40 -6.20	15.32 0.72 -1.50	17.78 0.97 -0.55	27.56 0.71 -15.01	23.40 1.36 -1.85	21.95 0.81 -10.77	21.10 1.49 0.00	20.38 1.49 0.00	19.95 1.54 0.00	19.15 1.59 0.00	20.44 0.64 -12.71	21.11 0.23 -18.45	21.53 0.22 -18.93	24.72 0.16 -22.79	36.37 0.51 -29.97	38.58 -0.27 -42.19	31.46 0.77 -21.12	26.99 1.99 0.00	28.64 1.33 -9.68	25.22 1.67 0.00	20.18 1.25 0.00

NYPA_VERNON____GT3 24163	18.19 0.73 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.92 0.40 -6.20	15.32 0.72 -1.50	17.78 0.97 -0.55	27.56 0.71 -15.01	23.40 1.36 -1.85	21.95 0.81 -10.77	21.10 1.49 0.00	20.38 1.49 0.00	19.95 1.54 0.00	19.15 1.59 0.00	20.44 0.64 -12.71	21.11 0.23 -18.45	21.53 0.22 -18.93	24.72 0.16 -22.79	36.37 0.51 -29.97	38.58 -0.27 -42.19	31.46 0.77 -21.12	26.99 1.99 0.00	28.64 1.33 -9.68	25.22 1.67 0.00	20.18 1.25 0.00
NYPA____ASTORIA_CC1 323568	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
NYPA____ASTORIA_CC2 323569	18.18 0.72 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.95 -0.55	27.54 0.69 -15.01	23.36 1.33 -1.85	21.93 0.79 -10.77	21.06 1.45 0.00	20.35 1.46 0.00	19.91 1.51 0.00	19.12 1.56 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.59 -0.26 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.62 1.31 -9.68	25.18 1.63 0.00	20.16 1.23 0.00
NYPA____HOLTSVILL 23794	18.41 0.94 -6.59	17.45 0.15 -15.49	14.01 0.47 -7.40	14.08 0.56 -6.20	15.63 1.03 -1.50	21.01 1.39 -3.36	28.44 1.01 -15.59	56.20 1.89 -34.13	23.54 1.01 -12.16	21.43 1.77 -0.04	20.54 1.65 0.00	20.00 1.59 0.00	19.09 1.53 0.00	20.89 0.63 -13.17	47.32 0.24 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.60 -32.43	42.23 -0.32 -45.90	47.14 0.95 -36.61	33.38 2.49 -5.90	40.16 1.69 -20.84	29.47 2.26 -3.66	20.54 1.61 0.00
NYPA____HELLGATE_GT1 24158	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.93 -0.55	27.52 0.66 -15.01	23.35 1.32 -1.85	21.92 0.78 -10.77	21.05 1.43 0.00	20.29 1.40 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.89 1.89 0.00	28.58 1.27 -9.68	25.16 1.61 0.00	20.17 1.23 0.00
NYPA____HELLGATE_GT2 24159	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.93 -0.55	27.52 0.66 -15.01	23.35 1.32 -1.85	21.92 0.78 -10.77	21.05 1.43 0.00	20.29 1.40 0.00	19.87 1.46 0.00	19.09 1.53 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.72 -21.12	26.89 1.89 0.00	28.58 1.27 -9.68	25.16 1.61 0.00	20.17 1.23 0.00
NYS_BARGE____HYD 23848	10.27 -0.74 -0.13	4.00 -0.13 -2.32	6.92 -0.37 -1.15	7.88 -0.41 -0.97	12.58 -0.76 -0.23	15.34 -1.01 -0.08	13.58 -0.61 -2.34	19.37 -1.11 -0.29	11.55 -0.55 -1.72	18.56 -1.05 0.00	18.08 -0.80 0.00	17.49 -0.92 0.00	16.78 -0.77 0.00	8.62 -0.32 -1.85	5.01 -0.10 -2.68	5.01 -0.10 -2.74	4.99 -0.07 -3.30	9.99 -0.22 -4.33	2.76 0.07 -6.04	12.01 -0.59 -3.02	23.49 -1.50 0.00	17.98 -1.03 -1.39	21.90 -1.65 0.00	17.66 -1.28 0.00
OAK ORCHARD____HYD 24046	10.05 -0.47 0.36	3.69 -0.08 -1.97	6.87 -0.25 -0.98	7.87 -0.27 -0.82	12.82 -0.48 -0.20	15.76 -0.57 -0.07	13.51 -0.32 -1.98	19.86 -0.57 -0.25	11.54 -0.27 -1.44	19.03 -0.58 0.00	18.41 -0.48 0.00	17.84 -0.57 0.00	17.08 -0.48 0.00	8.46 -0.19 -1.56	4.64 -0.06 -2.27	4.63 -0.05 -2.31	4.51 -0.04 -2.78	9.41 -0.13 -3.66	1.78 0.02 -5.11	11.87 -0.25 -2.56	24.34 -0.65 0.00	18.32 -0.48 -1.17	22.68 -0.87 0.00	18.22 -0.71 0.00
OAKDALE__35_KV_LOAD 356122	13.44 0.08 -2.49	6.39 0.00 -4.58	8.42 0.01 -2.27	9.25 0.03 -1.90	13.60 0.04 -0.46	16.52 0.09 -0.17	16.56 0.14 -4.58	20.98 0.20 -0.60	13.98 0.13 -3.48	19.78 0.17 0.00	19.10 0.21 0.00	18.56 0.16 0.00	17.73 0.17 0.00	10.90 0.07 -3.74	7.89 0.03 -5.43	7.95 0.03 -5.55	8.47 0.02 -6.68	14.64 0.09 -8.66	8.51 -0.04 -11.90	15.66 0.13 -5.95	25.37 0.37 0.00	20.52 0.16 -2.73	23.66 0.11 0.00	18.99 0.06 0.00
OCC_CHEM____DRP 24175	10.08 -1.01 -0.22	4.02 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.57 -0.99	12.30 -1.04 -0.24	14.99 -1.36 -0.09	13.35 -0.89 -2.39	18.89 -1.59 -0.30	11.38 -0.76 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.14 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.47 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.81	5.04 -0.10 -3.38	9.99 -0.32 -4.43	2.95 0.12 -6.17	11.91 -0.75 -3.09	23.01 -1.99 0.00	17.69 -1.36 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
OH_GEN_PROXY 24063	10.32 -0.81 -0.25	4.03 -0.14 -2.36	6.91 -0.41 -1.17	7.85 -0.45 -0.98	12.52 -0.82 -0.24	15.26 -1.10 -0.09	13.54 -0.69 -2.38	19.25 -1.23 -0.30	11.52 -0.60 -1.74	18.46 -1.15 0.00	17.99 -0.90 0.00	17.41 -1.00 0.00	16.71 -0.84 0.00	8.62 -0.35 -1.88	5.05 -0.11 -2.72	5.05 -0.10 -2.78	5.04 -0.07 -3.35	10.02 -0.26 -4.40	2.87 0.08 -6.13	12.04 -0.60 -3.07	23.44 -1.55 0.00	17.95 -1.08 -1.41	21.88 -1.67 0.00	17.64 -1.29 0.00
OLIN_CORP_DRP 24177	10.20 -0.89 -0.22	4.04 -0.15 -2.39	6.87 -0.45 -1.18	7.80 -0.51 -0.99	12.41 -0.93 -0.24	15.12 -1.23 -0.09	13.46 -0.79 -2.40	19.06 -1.42 -0.30	11.46 -0.68 -1.77	18.31 -1.31 0.00	17.84 -1.05 0.00	17.26 -1.15 0.00	16.57 -0.99 0.00	8.57 -0.41 -1.90	5.06 -0.13 -2.75	5.06 -0.13 -2.82	5.07 -0.09 -3.39	10.02 -0.31 -4.44	2.96 0.11 -6.20	11.94 -0.74 -3.10	23.09 -1.90 0.00	17.75 -1.30 -1.42	21.57 -1.98 0.00	17.39 -1.54 0.00
OLIN_CORP_DSASP 323712	10.09 -1.01 -0.22	4.01 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.56 -0.99	12.30 -1.04 -0.24	14.99 -1.37 -0.09	13.35 -0.89 -2.40	18.91 -1.57 -0.30	11.38 -0.75 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.13 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.46 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.80	5.04 -0.10 -3.37	10.02 -0.30 -4.43	2.95 0.12 -6.17	11.92 -0.74 -3.09	23.02 -1.97 0.00	17.70 -1.34 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
ONEIDA_HERK_LFGE 323681	11.16 0.04 -0.24	2.36 -0.01 -0.56	6.40 -0.02 -0.27	7.51 -0.04 -0.23	13.12 -0.04 -0.06	16.32 0.03 -0.02	12.49 0.09 -0.56	20.30 0.05 -0.07	10.77 -0.01 -0.40	19.55 -0.06 0.00	18.83 -0.07 0.00	18.29 -0.12 0.00	17.41 -0.15 0.00	7.46 -0.07 -0.44	3.04 -0.03 -0.64	2.99 -0.03 -0.65	2.54 -0.02 -0.78	6.87 -0.05 -1.04	-1.87 0.02 -1.45	10.35 0.05 -0.72	25.22 0.23 0.00	18.11 0.15 -0.33	23.71 0.16 0.00	19.02 0.09 0.00
ONEIDA__115KV_TB4 55905	11.55 0.13 -0.55	2.80 0.01 -0.98	6.67 0.04 -0.49	7.78 0.05 -0.41	13.30 0.10 -0.10	16.46 0.16 -0.03	13.03 0.20 -0.98	20.54 0.23 -0.12	11.21 0.11 -0.73	19.76 0.14 0.00	19.05 0.16 0.00	18.53 0.13 0.00	17.67 0.11 0.00	7.90 0.04 -0.77	3.56 0.01 -1.12	3.52 0.01 -1.14	3.15 0.01 -1.38	7.75 0.05 -1.81	-0.84 -0.04 -2.55	11.01 0.17 -1.28	25.48 0.49 0.00	18.52 0.31 -0.58	23.87 0.32 0.00	19.14 0.21 0.00

ONONDAGA_REF_OCCRA 23987	11.82 -0.15 -1.09	3.57 -0.03 -1.79	6.93 -0.10 -0.89	7.95 -0.11 -0.74	13.07 -0.20 -0.18	16.11 -0.22 -0.07	13.56 -0.09 -1.80	20.23 -0.18 -0.22	11.61 -0.09 -1.34	19.38 -0.23 0.00	18.71 -0.19 0.00	18.19 -0.21 0.00	17.37 -0.19 0.00	8.43 -0.07 -1.41	4.46 -0.02 -2.05	4.44 -0.02 -2.10	4.27 -0.01 -2.52	9.17 -0.04 -3.32	1.34 0.01 -4.67	11.86 -0.05 -2.34	24.89 -0.11 0.00	18.57 -0.13 -1.07	23.25 -0.29 0.00	18.66 -0.28 0.00
ONONDAGA___COGEN 23986	12.00 -0.16 -1.28	3.48 -0.03 -1.70	6.87 -0.11 -0.84	7.90 -0.13 -0.71	13.04 -0.23 -0.17	16.08 -0.25 -0.06	13.44 -0.11 -1.71	20.16 -0.23 -0.21	11.50 -0.12 -1.25	19.34 -0.27 0.00	18.67 -0.22 0.00	18.17 -0.24 0.00	17.33 -0.23 0.00	8.34 -0.09 -1.34	4.35 -0.03 -1.94	4.33 -0.03 -1.99	4.14 -0.02 -2.39	8.99 -0.05 -3.15	1.10 0.02 -4.42	11.71 -0.07 -2.21	24.83 -0.16 0.00	18.47 -0.17 -1.01	23.20 -0.35 0.00	18.62 -0.31 0.00
ONTARIO___LFGE 23819	21.30 -0.08 -10.50	4.06 -0.02 -2.27	7.20 -0.07 -1.12	8.21 -0.05 -0.94	13.23 -0.10 -0.23	16.26 -0.09 -0.08	14.21 0.08 -2.28	20.53 0.06 -0.28	12.06 0.03 -1.66	19.55 -0.06 0.00	18.91 0.02 0.00	18.35 -0.05 0.00	17.54 -0.02 0.00	8.87 -0.01 -1.79	5.03 0.00 -2.60	5.02 -0.01 -2.66	4.96 0.00 -3.20	10.11 0.02 -4.21	2.52 -0.02 -5.89	12.57 0.05 -2.95	25.18 0.18 0.00	19.00 0.02 -1.35	23.37 -0.18 0.00	18.75 -0.18 0.00
ORANGEVILLE_WT_PWR 323706	12.94 -0.37 -2.44	4.54 -0.07 -2.80	7.33 -0.20 -1.39	8.29 -0.19 -1.16	13.02 -0.36 -0.28	15.89 -0.48 -0.10	14.42 -0.24 -2.82	20.07 -0.46 -0.36	12.23 -0.20 -2.07	19.20 -0.42 0.00	18.67 -0.23 0.00	18.06 -0.34 0.00	17.31 -0.25 0.00	9.20 -0.12 -2.23	5.62 -0.04 -3.23	5.63 -0.04 -3.30	5.71 -0.03 -3.97	11.03 -0.07 -5.21	3.92 0.00 -7.26	12.99 -0.22 -3.64	24.46 -0.54 0.00	18.85 -0.45 -1.67	22.71 -0.84 0.00	18.26 -0.67 0.00
ORANGEVILLE___ESR 323794	12.94 -0.37 -2.44	4.54 -0.07 -2.80	7.33 -0.20 -1.39	8.29 -0.19 -1.16	13.02 -0.36 -0.28	15.89 -0.48 -0.10	14.42 -0.24 -2.82	20.07 -0.46 -0.36	12.23 -0.20 -2.07	19.20 -0.42 0.00	18.67 -0.23 0.00	18.06 -0.34 0.00	17.31 -0.25 0.00	9.20 -0.12 -2.23	5.62 -0.04 -3.23	5.63 -0.04 -3.30	5.71 -0.03 -3.97	11.03 -0.07 -5.21	3.92 0.00 -7.26	12.99 -0.22 -3.64	24.46 -0.54 0.00	18.85 -0.45 -1.67	22.71 -0.84 0.00	18.26 -0.67 0.00
OSWEGATCHIE___HYD 24044	10.66 -0.42 -0.21	2.20 -0.08 -0.46	6.11 -0.27 -0.23	7.18 -0.33 -0.20	12.61 -0.54 -0.05	15.73 -0.55 -0.02	11.92 -0.39 -0.47	19.52 -0.72 -0.06	10.26 -0.45 -0.34	18.79 -0.82 0.00	18.01 -0.87 0.00	17.45 -0.96 0.00	16.57 -0.98 0.00	7.06 -0.41 -0.37	2.83 -0.14 -0.54	2.78 -0.14 -0.55	2.33 -0.10 -0.66	6.43 -0.33 -0.87	-1.93 0.19 -1.23	9.83 -0.36 -0.61	24.22 -0.77 0.00	17.40 -0.51 -0.28	22.90 -0.65 0.00	18.40 -0.54 0.00
OSWEGO___5 23606	11.10 -0.38 -0.61	3.11 -0.07 -1.37	6.60 -0.23 -0.68	7.62 -0.26 -0.57	12.77 -0.47 -0.14	15.75 -0.56 -0.05	12.87 -0.35 -1.38	19.73 -0.63 -0.17	11.06 -0.31 -1.00	18.97 -0.65 0.00	18.30 -0.59 0.00	17.80 -0.60 0.00	16.99 -0.57 0.00	7.95 -0.23 -1.09	3.93 -0.07 -1.58	3.91 -0.07 -1.61	3.65 -0.05 -1.94	8.26 -0.17 -2.55	0.31 0.08 -3.57	11.08 -0.27 -1.79	24.30 -0.69 0.00	17.92 -0.53 -0.82	22.75 -0.80 0.00	18.26 -0.67 0.00
OSWEGO___6 23613	11.10 -0.38 -0.61	3.11 -0.07 -1.37	6.60 -0.23 -0.68	7.62 -0.26 -0.57	12.77 -0.47 -0.14	15.75 -0.56 -0.05	12.87 -0.35 -1.38	19.73 -0.63 -0.17	11.06 -0.31 -1.00	18.97 -0.65 0.00	18.30 -0.59 0.00	17.80 -0.60 0.00	16.99 -0.57 0.00	7.95 -0.23 -1.09	3.93 -0.07 -1.58	3.91 -0.07 -1.61	3.65 -0.05 -1.94	8.26 -0.17 -2.55	0.31 0.08 -3.57	11.08 -0.27 -1.79	24.30 -0.69 0.00	17.92 -0.53 -0.82	22.75 -0.80 0.00	18.26 -0.67 0.00
OUTOKUMPU-AB___DRP 24206	10.46 -0.68 -0.27	4.11 -0.12 -2.42	7.01 -0.33 -1.20	7.96 -0.36 -1.00	12.69 -0.65 -0.24	15.47 -0.88 -0.09	13.75 -0.52 -2.43	19.51 -0.98 -0.30	11.71 -0.45 -1.79	18.74 -0.87 0.00	18.29 -0.60 0.00	17.69 -0.71 0.00	16.99 -0.57 0.00	8.77 -0.24 -1.92	5.14 -0.08 -2.79	5.14 -0.07 -2.85	5.14 -0.05 -3.43	10.22 -0.16 -4.50	2.96 0.03 -6.27	12.24 -0.47 -3.14	23.78 -1.22 0.00	18.23 -0.84 -1.44	22.16 -1.39 0.00	17.85 -1.08 0.00
OXBOW____ 24026	10.32 -0.81 -0.26	4.06 -0.14 -2.40	6.93 -0.40 -1.19	7.87 -0.44 -1.00	12.53 -0.81 -0.24	15.27 -1.09 -0.09	13.59 -0.67 -2.42	19.27 -1.22 -0.30	11.57 -0.58 -1.77	18.50 -1.11 0.00	18.05 -0.84 0.00	17.47 -0.94 0.00	16.77 -0.79 0.00	8.67 -0.33 -1.91	5.09 -0.10 -2.76	5.09 -0.10 -2.83	5.09 -0.07 -3.40	10.15 -0.20 -4.46	2.95 0.07 -6.22	12.11 -0.58 -3.12	23.48 -1.52 0.00	18.01 -1.04 -1.43	21.89 -1.66 0.00	17.65 -1.29 0.00
OXY_CHEM_DSASP 323612	10.08 -1.01 -0.22	4.02 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.57 -0.99	12.30 -1.04 -0.24	14.99 -1.36 -0.09	13.35 -0.89 -2.39	18.89 -1.59 -0.30	11.38 -0.76 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.14 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.47 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.81	5.04 -0.10 -3.38	9.99 -0.32 -4.43	2.95 0.12 -6.17	11.91 -0.75 -3.09	23.01 -1.99 0.00	17.69 -1.36 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
OZONE_PARK_ESR 323760	18.33 0.79 -6.66	16.85 0.12 -14.92	13.90 0.36 -7.39	13.95 0.44 -6.20	15.39 0.79 -1.50	17.87 1.05 -0.55	27.54 0.79 -14.91	23.52 1.49 -1.85	22.00 0.87 -10.76	21.22 1.60 0.00	20.50 1.61 0.00	20.04 1.64 0.00	19.24 1.68 0.00	20.47 0.68 -12.71	21.13 0.24 -18.45	21.54 0.24 -18.93	24.73 0.17 -22.79	36.41 0.55 -29.97	38.55 -0.30 -42.19	31.54 0.85 -21.12	27.20 2.21 0.00	28.77 1.46 -9.68	25.39 1.84 0.00	20.30 1.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	10.08 -1.01 -0.22	4.02 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.57 -0.99	12.30 -1.04 -0.24	14.99 -1.36 -0.09	13.35 -0.89 -2.39	18.89 -1.59 -0.30	11.38 -0.76 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.14 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.47 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.81	5.04 -0.10 -3.38	9.99 -0.32 -4.43	2.95 0.12 -6.17	11.91 -0.75 -3.09	23.01 -1.99 0.00	17.69 -1.36 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
PACKARD___115KV_DUPONT_184 80571	10.08 -1.01 -0.22	4.02 -0.17 -2.38	6.82 -0.50 -1.18	7.74 -0.57 -0.99	12.30 -1.04 -0.24	14.99 -1.36 -0.09	13.35 -0.89 -2.39	18.89 -1.59 -0.30	11.38 -0.76 -1.76	18.16 -1.45 0.00	17.71 -1.18 0.00	17.14 -1.27 0.00	16.45 -1.11 0.00	8.52 -0.47 -1.89	5.03 -0.15 -2.74	5.03 -0.14 -2.81	5.04 -0.10 -3.38	9.99 -0.32 -4.43	2.95 0.12 -6.17	11.91 -0.75 -3.09	23.01 -1.99 0.00	17.69 -1.36 -1.42	21.49 -2.06 0.00	17.34 -1.59 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.24 0.70 -6.67	16.84 0.11 -14.93	13.86 0.32 -7.39	13.91 0.39 -6.20	15.29 0.70 -1.50	17.75 0.94 -0.55	27.43 0.68 -14.91	23.37 1.34 -1.85	21.91 0.78 -10.76	21.04 1.43 0.00	20.29 1.40 0.00	19.87 1.46 0.00	19.08 1.52 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.43 0.74 -21.12	26.93 1.94 0.00	28.60 1.29 -9.68	25.17 1.62 0.00	20.16 1.23 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.25 0.71 -6.67	16.85 0.11 -14.93	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.75 0.93 -0.55	27.44 0.69 -14.91	23.38 1.35 -1.85	21.91 0.77 -10.76	21.01 1.40 0.00	20.28 1.38 0.00	19.87 1.46 0.00	19.08 1.52 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.71 -21.12	26.86 1.87 0.00	28.56 1.25 -9.68	25.10 1.55 0.00	20.13 1.20 0.00
PATROON__115KV_TB1 80586	19.84 0.21 -8.76	21.53 0.03 -19.69	16.05 0.15 -9.75	15.65 0.16 -8.18	15.34 0.27 -1.98	17.28 0.29 -0.73	31.99 0.23 -19.92	23.04 0.41 -2.45	24.67 0.19 -14.11	19.87 0.25 0.00	19.13 0.23 0.00	18.71 0.30 0.00	17.89 0.33 0.00	23.27 0.14 -16.04	25.75 0.05 -23.72	26.14 0.04 -28.50	30.31 0.04 -37.81	43.82 0.12 -37.81	49.77 -0.08 -53.19	36.41 0.21 -26.63	25.53 0.53 -0.01	30.20 0.37 -12.21	23.97 0.42 0.00	19.23 0.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.91 -0.37 -0.41	4.36 -0.07 -2.62	7.25 -0.19 -1.30	8.22 -0.19 -1.09	13.04 -0.32 -0.26	15.91 -0.45 -0.10	14.27 -0.21 -2.63	20.16 -0.35 -0.33	12.16 -0.17 -1.95	19.31 -0.30 0.00	18.82 -0.07 0.00	18.22 -0.19 0.00	17.49 -0.07 0.00	9.11 -0.06 -2.08	5.45 -0.01 -3.03	5.45 -0.01 -3.10	5.48 -0.01 -3.72	10.74 -0.03 -4.88	3.43 -0.03 -6.80	12.77 -0.20 -3.41	24.54 -0.45 0.00	18.80 -0.39 -1.56	22.85 -0.70 0.00	18.40 -0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.33 0.70 -6.75	17.03 0.11 -15.11	13.96 0.33 -7.49	14.00 0.40 -6.27	15.34 0.73 -1.52	17.78 0.96 -0.56	27.69 0.73 -15.11	23.42 1.37 -1.87	22.00 0.77 -10.86	20.97 1.36 0.00	20.22 1.34 0.00	19.77 1.36 0.00	18.97 1.41 0.00	20.48 0.57 -12.81	21.24 0.20 -18.61	21.65 0.20 -19.08	24.88 0.15 -22.96	36.61 0.49 -30.22	38.94 -0.27 -42.56	31.65 0.77 -21.30	26.99 2.00 0.00	28.71 1.32 -9.77	25.18 1.64 0.00	20.14 1.21 0.00
PEEKSKILL____ 23653	17.99 0.62 -6.50	16.63 0.10 -14.73	13.72 0.28 -7.30	13.77 0.34 -6.11	15.19 0.61 -1.48	17.63 0.82 -0.54	27.27 0.62 -14.81	23.17 1.16 -1.83	21.67 0.67 -10.62	20.82 1.20 0.00	20.10 1.21 0.00	19.65 1.25 0.00	18.86 1.30 0.00	20.19 0.53 -12.57	20.88 0.19 -18.26	21.29 0.19 -18.73	24.46 0.14 -22.55	35.99 0.45 -29.65	38.17 -0.24 -41.76	31.16 0.68 -20.90	26.74 1.75 0.00	28.37 1.16 -9.58	24.99 1.44 0.00	19.99 1.06 0.00
PGE MADISON__WINDPWR 24146	14.03 0.69 -2.47	6.23 0.10 -4.32	8.62 0.34 -2.14	9.51 0.40 -1.79	14.22 0.69 -0.43	17.38 0.96 -0.16	17.20 0.91 -4.44	23.20 2.25 -0.76	15.76 0.94 -4.45	21.00 1.39 0.00	19.98 1.09 0.00	19.30 0.90 0.00	18.21 0.65 0.00	12.01 0.17 -4.75	9.38 0.06 -6.89	9.46 0.05 -7.05	10.29 0.06 -8.47	16.01 0.29 -9.83	7.71 -0.16 -11.22	15.87 0.68 -5.62	26.88 1.89 0.00	21.37 1.17 -2.58	25.00 1.45 0.00	20.06 1.13 0.00
PIERCEFIELD__HYD 23852	10.55 -0.46 -0.14	1.99 -0.07 -0.26	6.04 -0.23 -0.13	7.14 -0.28 -0.11	12.66 -0.46 -0.03	15.71 -0.57 -0.01	11.66 -0.43 -0.24	19.46 -0.75 -0.03	10.12 -0.44 -0.19	18.89 -0.72 0.00	18.12 -0.77 0.00	17.61 -0.79 0.00	16.75 -0.81 0.00	6.96 -0.34 -0.21	2.61 -0.13 -0.31	2.55 -0.12 -0.37	2.05 -0.09 -0.37	6.08 -0.29 -0.49	-2.48 0.18 -0.69	9.52 -0.39 -0.34	24.03 -0.96 0.00	17.18 -0.61 -0.16	22.82 -0.73 0.00	18.40 -0.53 0.00
PINELAWN_CC_1 323563	18.39 0.93 -6.59	17.45 0.15 -15.49	13.99 0.45 -7.40	14.05 0.53 -6.20	15.59 0.99 -1.50	20.91 1.34 -3.30	28.43 0.99 -15.59	56.17 1.86 -34.13	23.53 1.00 -12.16	21.41 1.76 -0.04	20.56 1.67 0.00	20.04 1.63 0.00	19.15 1.59 0.00	20.91 0.65 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.13 0.94 -36.61	33.34 2.45 -5.90	40.14 1.67 -20.84	29.43 2.22 -3.66	20.52 1.59 0.00
PJM_GEN_HTP_PROXY 323702	18.16 0.69 -6.59	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.38 -6.20	15.28 0.68 -1.50	17.74 0.93 -0.55	27.53 0.69 -15.01	23.33 1.30 -1.85	21.91 0.77 -10.77	21.02 1.41 0.00	20.32 1.43 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.93 1.93 0.00	28.57 1.27 -9.68	25.15 1.60 0.00	20.11 1.18 0.00
PJM_GEN_KEystone 24065	15.10 0.20 -4.02	10.94 0.02 -9.11	10.71 0.05 -4.51	11.19 0.08 -3.78	14.17 0.15 -0.91	16.83 0.23 -0.34	21.25 0.24 -9.16	21.76 0.45 -1.14	17.24 0.28 -6.60	20.10 0.48 0.00	19.45 0.56 0.00	18.94 0.53 0.00	18.17 0.62 0.00	15.09 0.25 -7.75	13.78 0.10 -11.25	14.00 0.09 -11.54	15.73 0.07 -13.89	24.36 0.22 -18.26	22.21 -0.12 -25.67	22.69 0.26 -12.85	25.69 0.70 0.00	23.90 0.38 -5.89	23.96 0.41 0.00	19.23 0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	18.28 0.81 -6.59	17.18 0.13 -15.24	13.93 0.39 -7.40	13.98 0.46 -6.20	15.45 0.85 -1.50	19.34 1.15 -1.93	28.03 0.85 -15.34	41.68 1.59 -19.91	22.80 0.88 -11.55	21.19 1.56 -0.02	20.42 1.53 0.00	19.93 1.52 0.00	19.07 1.51 0.00	20.68 0.62 -12.97	35.79 0.23 -33.13	36.65 0.23 -34.05	28.18 0.17 -26.24	37.77 0.53 -31.35	40.65 -0.28 -44.27	40.20 0.82 -29.80	30.43 2.13 -3.31	35.00 1.44 -15.94	27.50 1.90 -2.05	20.30 1.36 0.00
PJM_GEN_VFT_PROXY 323633	18.11 0.64 -6.59	16.83 0.10 -14.92	13.82 0.28 -7.39	13.86 0.34 -6.20	15.22 0.62 -1.50	17.65 0.83 -0.55	27.46 0.61 -15.01	23.20 1.16 -1.85	21.85 0.71 -10.77	20.92 1.31 0.00	20.23 1.34 0.00	19.80 1.39 0.00	19.01 1.45 0.00	20.37 0.57 -12.71	21.09 0.20 -18.45	21.50 0.20 -18.93	24.70 0.14 -22.79	36.31 0.45 -29.97	38.60 -0.24 -42.19	31.38 0.68 -21.12	26.75 1.76 0.00	28.47 1.16 -9.68	25.00 1.46 0.00	20.01 1.08 0.00
PLATSBRG_115KV_PMLD1 355749	10.71 -0.22 -0.06	1.88 -0.03 -0.11	6.22 0.02 -0.05	7.46 0.09 -0.04	13.36 0.25 -0.01	16.74 0.48 0.00	12.31 0.36 -0.10	20.93 0.73 -0.01	10.81 0.36 -0.08	20.26 0.65 0.00	19.21 0.32 0.00	18.59 0.18 0.00	17.55 -0.01 0.00	7.14 -0.03 -0.09	2.54 -0.02 -0.13	2.49 -0.01 -0.13	1.92 0.00 -0.15	6.09 -0.01 -0.20	-3.09 -0.03 -0.28	9.95 0.23 -0.14	25.73 0.74 0.00	18.30 0.60 -0.07	24.55 1.00 0.00	19.93 1.00 0.00
PLEASANTVLY__LBMP 24000	18.48 0.53 -7.08	17.75 0.08 -15.86	14.26 0.25 -7.86	14.21 0.31 -6.59	15.24 0.55 -1.59	17.57 0.73 -0.58	28.23 0.54 -15.84	23.17 1.02 -1.97	22.39 0.58 -11.44	20.62 1.00 0.00	19.89 1.00 0.00	19.45 1.04 0.00	18.65 1.09 0.00	20.87 0.44 -13.33	21.95 0.16 -19.36	22.39 0.16 -19.86	25.80 0.11 -23.91	37.70 0.37 -31.44	40.70 -0.20 -44.25	32.30 0.58 -22.15	26.48 1.48 0.00	28.77 0.99 -10.15	24.78 1.23 0.00	19.85 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.24 0.64 -6.72	16.97 0.10 -15.06	13.90 0.30 -7.46	13.94 0.36 -6.25	15.27 0.66 -1.51	17.69 0.87 -0.55	27.54 0.66 -15.04	23.27 1.22 -1.87	21.94 0.71 -10.86	20.89 1.27 0.00	20.17 1.28 0.00	19.73 1.33 0.00	18.94 1.38 0.00	20.45 0.56 -12.80	21.22 0.20 -18.59	21.63 0.20 -19.07	24.87 0.14 -22.96	36.53 0.46 -30.18	38.90 -0.25 -42.50	31.55 0.70 -21.27	26.81 1.81 0.00	28.58 1.21 -9.75	25.05 1.50 0.00	20.04 1.11 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.24 0.64 -6.72	16.97 0.10 -15.06	13.90 0.30 -7.46	13.94 0.36 -6.25	15.27 0.66 -1.51	17.69 0.87 -0.55	27.54 0.66 -15.04	23.27 1.22 -1.87	21.94 0.71 -10.86	20.89 1.27 0.00	20.17 1.28 0.00	19.73 1.33 0.00	18.94 1.38 0.00	20.45 0.56 -12.80	21.22 0.20 -18.59	21.63 0.20 -19.07	24.87 0.14 -22.96	36.53 0.46 -30.18	38.90 -0.25 -42.50	31.55 0.70 -21.27	26.81 1.81 0.00	28.58 1.21 -9.75	25.05 1.50 0.00	20.04 1.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.36 0.64 -6.84	17.24 0.10 -15.33	14.04 0.30 -7.60	14.06 0.37 -6.37	15.30 0.66 -1.54	17.70 0.87 -0.57	27.97 0.66 -15.46	23.32 1.24 -1.90	22.02 0.68 -10.97	20.77 1.16 0.00	20.02 1.13 0.00	19.58 1.17 0.00	18.78 1.22 0.00	20.54 0.50 -12.95	21.40 0.17 -18.79	21.75 0.17 -19.20	24.99 0.13 -23.09	36.87 0.43 -30.55	39.43 -0.24 -43.02	31.79 0.68 -21.53	26.78 1.78 0.00	28.68 1.18 -9.87	25.00 1.45 0.00	20.01 1.08 0.00
POLETTI____ 23519	18.22 0.69 -6.66	16.84 0.10 -14.92	13.85 0.31 -7.39	13.89 0.37 -6.20	15.27 0.67 -1.50	17.72 0.91 -0.55	27.41 0.66 -14.91	23.28 1.25 -1.85	21.88 0.75 -10.76	20.99 1.38 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.51 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.33 0.48 -29.97	38.59 -0.26 -42.19	31.42 0.72 -21.12	26.87 1.87 0.00	28.54 1.23 -9.68	25.11 1.56 0.00	20.09 1.16 0.00
PORT_JEFF_3 23555	18.43 0.96 -6.59	17.46 0.16 -15.49	14.02 0.48 -7.40	14.09 0.57 -6.20	15.65 1.05 -1.50	21.04 1.42 -3.36	28.47 1.03 -15.59	56.25 1.94 -34.13	23.57 1.03 -12.16	21.46 1.81 -0.04	20.56 1.67 0.00	19.99 1.59 0.00	19.06 1.50 0.00	20.87 0.61 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.19 -28.95	38.92 0.61 -32.43	42.22 -0.33 -45.90	47.17 0.98 -36.61	33.44 2.55 -5.90	40.20 1.73 -20.84	29.54 2.33 -3.66	20.59 1.66 0.00
PORT_JEFF_4 23616	18.43 0.96 -6.59	17.46 0.16 -15.49	14.02 0.48 -7.40	14.09 0.57 -6.20	15.65 1.05 -1.50	21.04 1.42 -3.36	28.47 1.03 -15.59	56.25 1.94 -34.13	23.57 1.03 -12.16	21.46 1.81 -0.04	20.56 1.67 0.00	19.99 1.59 0.00	19.06 1.50 0.00	20.87 0.61 -13.17	47.32 0.25 -44.64	48.53 0.25 -45.91	30.90 0.19 -28.95	38.92 0.61 -32.43	42.22 -0.33 -45.90	47.17 0.98 -36.61	33.44 2.55 -5.90	40.20 1.73 -20.84	29.54 2.33 -3.66	20.59 1.66 0.00
PORT_JEFF_IC 23713	18.43 0.97 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.57 -6.20	15.66 1.06 -1.50	21.05 1.43 -3.35	28.47 1.04 -15.59	56.27 1.96 -34.13	23.57 1.04 -12.16	21.48 1.83 -0.04	20.57 1.68 0.00	20.01 1.60 0.00	19.07 1.52 0.00	20.88 0.62 -13.17	47.33 0.25 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.94 0.63 -32.43	42.21 -0.34 -45.90	47.16 0.98 -36.61	33.43 2.54 -5.90	40.20 1.73 -20.84	29.57 2.36 -3.66	20.61 1.68 0.00
PPL PILGRIM_ST_GT1 24216	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.57 -6.20	15.66 1.06 -1.50	21.03 1.42 -3.35	28.48 1.05 -15.59	56.27 1.96 -34.13	23.57 1.04 -12.16	21.50 1.84 -0.04	20.63 1.73 0.00	20.10 1.70 0.00	19.21 1.65 0.00	20.94 0.68 -13.17	47.33 0.26 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.13 0.94 -36.61	33.35 2.46 -5.90	40.19 1.72 -20.84	29.51 2.31 -3.66	20.58 1.65 0.00
PPL PILGRIM_ST_GT2 24217	18.45 0.98 -6.59	17.46 0.16 -15.49	14.03 0.49 -7.40	14.09 0.57 -6.20	15.66 1.06 -1.50	21.03 1.42 -3.35	28.48 1.05 -15.59	56.27 1.96 -34.13	23.57 1.04 -12.16	21.50 1.84 -0.04	20.63 1.73 0.00	20.10 1.70 0.00	19.21 1.65 0.00	20.94 0.68 -13.17	47.33 0.26 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.91 0.59 -32.43	42.23 -0.32 -45.90	47.13 0.94 -36.61	33.35 2.46 -5.90	40.19 1.72 -20.84	29.51 2.31 -3.66	20.58 1.65 0.00
PPL_SHRM_GT3 24213	18.34 0.87 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.06 0.54 -6.20	15.59 0.99 -1.50	20.92 1.30 -3.35	28.36 0.92 -15.59	56.04 1.73 -34.13	23.44 0.91 -12.16	21.22 1.57 -0.04	20.35 1.46 0.00	19.82 1.41 0.00	18.91 1.35 0.00	20.82 0.55 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.11 0.92 -36.61	33.29 2.40 -5.90	40.08 1.61 -20.84	29.32 2.11 -3.66	20.41 1.48 0.00
PPL_SHRM_GT4 24214	18.34 0.87 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.06 0.54 -6.20	15.59 0.99 -1.50	20.92 1.30 -3.35	28.36 0.92 -15.59	56.04 1.73 -34.13	23.44 0.91 -12.16	21.22 1.57 -0.04	20.35 1.46 0.00	19.82 1.41 0.00	18.91 1.35 0.00	20.82 0.55 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.11 0.92 -36.61	33.29 2.40 -5.90	40.08 1.61 -20.84	29.32 2.11 -3.66	20.41 1.48 0.00
PROJECT____ORANGE 1 24174	11.50 -0.22 -0.84	3.29 -0.04 -1.52	6.76 -0.14 -0.75	7.79 -0.16 -0.63	12.97 -0.28 -0.15	16.01 -0.32 -0.06	13.21 -0.17 -1.53	20.06 -0.31 -0.19	11.34 -0.15 -1.12	19.27 -0.34 0.00	18.61 -0.28 0.00	18.11 -0.30 0.00	17.29 -0.26 0.00	8.18 -0.11 -1.20	4.14 -0.04 -1.74	4.12 -0.03 -1.78	3.89 -0.02 -2.14	8.63 -0.07 -2.82	0.63 0.03 -3.95	11.44 -0.11 -1.98	24.71 -0.28 0.00	18.30 -0.24 -0.90	23.10 -0.45 0.00	18.54 -0.39 0.00
PROJECT____ORANGE 2 24166	11.50 -0.22 -0.84	3.29 -0.04 -1.52	6.76 -0.14 -0.75	7.79 -0.16 -0.63	12.97 -0.28 -0.15	16.01 -0.32 -0.06	13.21 -0.17 -1.53	20.06 -0.31 -0.19	11.34 -0.15 -1.12	19.27 -0.34 0.00	18.61 -0.28 0.00	18.11 -0.30 0.00	17.29 -0.26 0.00	8.18 -0.11 -1.20	4.14 -0.04 -1.74	4.12 -0.03 -1.78	3.89 -0.02 -2.14	8.63 -0.07 -2.82	0.63 0.03 -3.95	11.44 -0.11 -1.98	24.71 -0.28 0.00	18.30 -0.24 -0.90	23.10 -0.45 0.00	18.54 -0.39 0.00
PUCKETT____SOLAR 323809	13.62 0.25 -2.50	6.51 0.03 -4.67	8.56 0.10 -2.32	9.39 0.13 -1.94	13.81 0.24 -0.47	16.79 0.35 -0.17	16.93 0.35 -4.73	21.47 0.64 -0.65	14.43 0.28 -3.78	19.99 0.38 0.00	19.22 0.33 0.00	18.68 0.28 0.00	17.81 0.25 0.00	11.25 0.09 -4.06	8.37 0.04 -5.90	8.42 0.03 -6.03	9.05 0.03 -7.25	15.21 0.15 -9.18	8.72 -0.08 -12.14	15.95 0.30 -6.08	25.83 0.84 0.00	20.89 0.48 -2.79	24.06 0.51 0.00	19.30 0.37 0.00
PYRITES____HYD 24023	10.79 -0.21 -0.13	2.02 -0.03 -0.24	6.17 -0.09 -0.12	7.31 -0.11 -0.10	12.97 -0.15 -0.02	16.06 -0.21 -0.01	11.91 -0.16 -0.23	19.86 -0.35 -0.03	10.30 -0.24 -0.17	19.27 -0.34 0.00	18.52 -0.37 0.00	18.02 -0.38 0.00	17.15 -0.40 0.00	7.11 -0.18 -0.19	2.64 -0.08 -0.28	2.58 -0.08 -0.29	2.06 -0.06 -0.35	6.18 -0.17 -0.46	-2.60 0.11 -0.64	9.70 -0.19 -0.32	24.56 -0.44 0.00	17.53 -0.25 -0.15	23.29 -0.26 0.00	18.78 -0.15 0.00
QUAKERRD_115KV_BK1 80622	9.06 -0.65 1.16	3.60 -0.12 -1.91	6.73 -0.35 -0.94	7.71 -0.40 -0.79	12.58 -0.71 -0.19	15.45 -0.88 -0.07	13.21 -0.55 -1.92	19.44 -0.98 -0.24	11.28 -0.48 -1.39	18.64 -0.97 0.00	18.04 -0.85 0.00	17.50 -0.91 0.00	16.75 -0.81 0.00	8.27 -0.33 -1.51	4.52 -0.10 -2.19	4.51 -0.10 -2.24	4.39 -0.07 -2.70	9.18 -0.25 -3.54	1.70 0.10 -4.95	11.61 -0.44 -2.48	23.83 -1.16 0.00	17.93 -0.83 -1.14	22.25 -1.30 0.00	17.87 -1.06 0.00

QUENSBRY_115KV_TB8 356137	20.36 0.37 -9.11	22.35 0.06 -20.48	16.52 0.22 -10.15	16.11 0.28 -8.50	15.67 0.51 -2.06	17.80 0.77 -0.76	33.18 0.61 -20.73	23.66 0.93 -2.55	25.55 0.42 -14.76	20.25 0.63 0.00	19.42 0.53 0.00	18.94 0.53 0.00	17.92 0.36 0.00	23.86 0.12 -16.65	26.62 0.04 -24.15	27.03 0.04 -24.62	31.38 0.03 -29.58	45.31 0.19 -39.23	51.73 -0.11 -55.19	37.55 0.35 -27.62	25.85 0.85 -0.01	30.88 0.59 -12.66	24.55 1.00 0.00	19.76 0.82 0.00
RAMAPO____LBMP 323565	17.79 0.60 -6.32	16.04 0.09 -14.14	13.41 0.27 -7.00	13.52 0.33 -5.87	15.10 0.59 -1.42	17.57 0.79 -0.52	26.57 0.60 -14.12	23.05 1.12 -1.75	21.21 0.65 -10.19	20.78 1.17 0.00	20.06 1.17 0.00	19.61 1.21 0.00	18.83 1.27 0.00	19.79 0.52 -12.18	20.31 0.19 -17.69	20.70 0.19 -18.15	23.75 0.14 -21.84	35.06 0.44 -28.73	36.87 -0.24 -40.46	30.49 0.67 -20.25	26.71 1.71 0.00	28.05 1.13 -9.28	24.95 1.40 0.00	19.97 1.04 0.00
RANKINE____ 23646	10.76 -0.51 -0.40	4.27 -0.10 -2.56	7.16 -0.25 -1.27	8.12 -0.27 -1.07	12.89 -0.47 -0.26	15.72 -0.64 -0.09	14.07 -0.35 -2.57	19.87 -0.64 -0.32	11.98 -0.30 -1.90	19.04 -0.57 0.00	18.56 -0.33 0.00	17.97 -0.43 0.00	17.25 -0.31 0.00	8.98 -0.14 -2.03	5.34 -0.04 -2.95	5.34 -0.04 -3.01	5.37 -0.03 -3.62	10.55 -0.09 -4.75	3.27 -0.01 -6.63	12.58 -0.31 -3.32	24.22 -0.77 0.00	18.59 -0.56 -1.52	22.56 -0.99 0.00	18.16 -0.77 0.00
RAVENSWOOD_GT2_1 24244	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.29 0.69 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.91 0.76 -10.77	21.02 1.41 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.15 1.60 0.00	20.12 1.18 0.00
RAVENSWOOD_GT2_2 24245	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.29 0.69 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.91 0.76 -10.77	21.02 1.41 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.15 1.60 0.00	20.12 1.18 0.00
RAVENSWOOD_GT2_3 24246	18.16 0.70 -6.59	16.84 0.11 -14.93	13.86 0.32 -7.39	13.90 0.38 -6.20	15.29 0.70 -1.50	17.75 0.93 -0.55	27.54 0.69 -15.01	23.34 1.30 -1.85	21.91 0.77 -10.77	21.03 1.41 0.00	20.32 1.43 0.00	19.87 1.47 0.00	19.08 1.52 0.00	20.41 0.61 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.75 -21.12	26.93 1.93 0.00	28.59 1.28 -9.68	25.16 1.61 0.00	20.13 1.19 0.00
RAVENSWOOD_GT2_4 24247	18.16 0.70 -6.59	16.84 0.11 -14.93	13.86 0.32 -7.39	13.90 0.38 -6.20	15.29 0.70 -1.50	17.75 0.93 -0.55	27.54 0.69 -15.01	23.34 1.30 -1.85	21.91 0.77 -10.77	21.03 1.41 0.00	20.32 1.43 0.00	19.87 1.47 0.00	19.08 1.52 0.00	20.41 0.61 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.75 -21.12	26.93 1.93 0.00	28.59 1.28 -9.68	25.16 1.61 0.00	20.13 1.19 0.00
RAVENSWOOD_GT3_1 24248	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.29 0.69 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.91 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.12 1.18 0.00
RAVENSWOOD_GT3_2 24249	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.29 0.69 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.91 0.76 -10.77	21.02 1.40 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.12 1.18 0.00
RAVENSWOOD_GT3_3 24250	18.17 0.71 -6.59	16.84 0.11 -14.93	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.71 -1.50	17.76 0.95 -0.55	27.55 0.70 -15.01	23.36 1.33 -1.85	21.93 0.78 -10.77	21.05 1.44 0.00	20.34 1.45 0.00	19.89 1.49 0.00	19.10 1.54 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.76 -21.12	26.96 1.96 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.15 1.21 0.00
RAVENSWOOD_GT3_4 24251	18.17 0.71 -6.59	16.84 0.11 -14.93	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.71 -1.50	17.76 0.95 -0.55	27.55 0.70 -15.01	23.36 1.33 -1.85	21.93 0.78 -10.77	21.05 1.44 0.00	20.34 1.45 0.00	19.89 1.49 0.00	19.10 1.54 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.76 -21.12	26.96 1.96 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.15 1.21 0.00
RAVENSWOOD_GT_1 23729	18.19 0.73 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.92 0.40 -6.20	15.32 0.72 -1.50	17.78 0.97 -0.55	27.56 0.71 -15.01	23.40 1.36 -1.85	21.95 0.81 -10.77	21.10 1.49 0.00	20.38 1.49 0.00	19.95 1.54 0.00	19.15 1.59 0.00	20.44 0.64 -12.71	21.11 0.23 -18.45	21.53 0.22 -18.93	24.72 0.16 -22.79	36.37 0.51 -29.97	38.58 -0.27 -42.19	31.46 0.77 -21.12	26.99 1.99 0.00	28.64 1.33 -9.68	25.22 1.67 0.00	20.18 1.25 0.00
RAVENSWOOD_GT_10 24258	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.73 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00
RAVENSWOOD_GT_11 24259	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.73 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00
RAVENSWOOD_GT_4 24252	18.16 0.69 -6.59	16.84 0.10 -14.93	13.85 0.31 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.41 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.91 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00

RAVENSWOOD_GT_5 24254	18.16 0.69 -6.59	16.84 0.10 -14.93	13.85 0.31 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.41 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.91 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00
RAVENSWOOD_GT_6 24253	18.16 0.69 -6.59	16.84 0.10 -14.93	13.85 0.31 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.41 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.91 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00
RAVENSWOOD_GT_7 24255	18.16 0.69 -6.59	16.84 0.10 -14.93	13.85 0.31 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.74 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.41 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.91 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.73 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00
RAVENSWOOD_GT_9 24257	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.28 0.68 -1.50	17.73 0.92 -0.55	27.53 0.68 -15.01	23.32 1.29 -1.85	21.90 0.76 -10.77	21.01 1.40 0.00	20.31 1.42 0.00	19.86 1.45 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.91 1.92 0.00	28.58 1.27 -9.68	25.14 1.60 0.00	20.11 1.18 0.00
RAVENSWOOD___1 23533	18.18 0.71 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.94 -0.55	27.55 0.69 -15.01	23.36 1.33 -1.85	21.93 0.78 -10.77	21.06 1.45 0.00	20.34 1.45 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.61 1.30 -9.68	25.18 1.63 0.00	20.16 1.22 0.00
RAVENSWOOD___2 23534	18.18 0.71 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.94 -0.55	27.55 0.69 -15.01	23.36 1.33 -1.85	21.93 0.78 -10.77	21.06 1.45 0.00	20.34 1.45 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.61 1.30 -9.68	25.18 1.63 0.00	20.16 1.22 0.00
RAVENSWOOD___3 23535	18.16 0.70 -6.59	16.84 0.11 -14.93	13.85 0.32 -7.39	13.90 0.38 -6.20	15.29 0.69 -1.50	17.74 0.93 -0.55	27.54 0.68 -15.01	23.33 1.29 -1.85	21.91 0.76 -10.77	21.02 1.41 0.00	20.31 1.42 0.00	19.86 1.46 0.00	19.06 1.50 0.00	20.40 0.60 -12.71	21.10 0.22 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.49 -29.97	38.59 -0.26 -42.19	31.44 0.74 -21.12	26.92 1.92 0.00	28.58 1.27 -9.68	25.15 1.60 0.00	20.12 1.18 0.00
RAVENSWOOD___4 23820	18.18 0.71 -6.59	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.94 -0.55	27.55 0.69 -15.01	23.36 1.33 -1.85	21.93 0.78 -10.77	21.06 1.45 0.00	20.34 1.45 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.75 -21.12	26.95 1.95 0.00	28.61 1.30 -9.68	25.18 1.63 0.00	20.16 1.22 0.00
RCPL_TRUST___DRP 24196	18.24 0.71 -6.66	16.84 0.11 -14.92	13.86 0.32 -7.39	13.90 0.39 -6.20	15.30 0.70 -1.50	17.76 0.94 -0.55	27.45 0.70 -14.91	23.36 1.33 -1.85	21.92 0.79 -10.76	21.07 1.46 0.00	20.37 1.48 0.00	19.90 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.77 -21.12	26.98 1.98 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.14 1.21 0.00
RED___ROCHESTER 323720	10.13 -0.41 0.33	3.69 -0.07 -1.96	6.89 -0.22 -0.97	7.90 -0.23 -0.82	12.88 -0.41 -0.20	15.86 -0.48 -0.07	13.57 -0.25 -1.98	19.98 -0.44 -0.25	11.60 -0.21 -1.43	19.15 -0.47 0.00	18.52 -0.38 0.00	17.95 -0.46 0.00	17.19 -0.37 0.00	8.49 -0.15 -1.55	4.65 -0.04 -2.26	4.63 -0.04 -2.30	4.51 -0.03 -2.77	9.43 -0.09 -3.64	1.74 0.00 -5.08	11.93 -0.19 -2.55	24.52 -0.47 0.00	18.43 -0.36 -1.17	22.83 -0.71 0.00	18.33 -0.60 0.00
REGAN___SOLAR 323812	22.15 0.96 -10.32	25.32 0.15 -23.36	18.23 0.51 -11.57	17.62 0.60 -9.70	16.56 1.12 -2.35	18.53 1.41 -0.86	36.40 1.05 -23.50	24.58 1.49 -2.91	28.03 0.72 -16.94	20.74 1.13 0.00	19.88 0.99 0.00	19.18 0.77 0.00	18.14 0.59 0.00	26.24 0.25 -18.89	29.96 0.11 -27.42	30.46 0.11 -27.98	35.50 0.10 -33.63	50.80 0.42 -44.49	58.88 -0.29 -62.51	41.82 0.96 -31.29	27.50 2.50 -0.01	33.67 1.70 -14.34	25.66 2.11 0.00	20.62 1.69 0.00
RENSSELAER___COGEN 23796	19.63 0.16 -8.59	21.29 0.03 -19.45	15.91 0.13 -9.64	15.53 0.13 -8.08	15.27 0.22 -1.96	17.21 0.23 -0.72	31.59 0.18 -19.56	22.92 0.33 -2.42	24.58 0.14 -14.07	19.78 0.17 0.00	19.03 0.14 0.00	18.62 0.21 0.00	17.79 0.24 0.00	23.05 0.11 -15.86	25.47 0.03 -23.00	25.86 0.04 -23.45	29.98 0.03 -28.18	43.37 0.10 -37.38	49.18 -0.06 -52.59	36.07 0.17 -26.32	25.41 0.41 -0.01	29.99 0.29 -12.07	23.88 0.33 0.00	19.16 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.62 0.65 -9.10	22.38 0.11 -20.46	16.70 0.42 -10.14	16.36 0.55 -8.50	16.13 0.98 -2.06	18.50 1.48 -0.75	33.73 1.18 -20.71	24.29 1.56 -2.55	25.83 0.72 -14.74	20.76 1.15 0.00	19.95 1.06 0.00	19.57 1.16 0.00	18.46 0.90 0.00	24.10 0.37 -16.63	26.69 0.13 -24.13	27.09 0.12 -24.60	31.42 0.10 -29.55	45.61 0.52 -39.20	51.50 -0.29 -55.14	38.06 0.88 -27.60	27.19 2.19 -0.01	31.76 1.48 -12.65	25.55 2.00 0.00	20.53 1.60 0.00
REVERE_CPPR_DRP 24186	11.54 0.19 -0.47	2.68 0.02 -0.85	6.63 0.07 -0.42	7.76 0.08 -0.35	13.35 0.17 -0.09	16.55 0.26 -0.03	12.98 0.28 -0.85	20.63 0.34 -0.11	11.16 0.15 -0.63	19.84 0.22 0.00	19.12 0.23 0.00	18.59 0.18 0.00	17.71 0.16 0.00	7.82 0.06 -0.67	3.41 0.01 -0.97	3.37 0.01 -0.99	2.97 0.01 -1.19	7.52 0.06 -1.57	-1.19 -0.05 -2.20	10.90 0.22 -1.10	25.65 0.66 0.00	18.57 0.43 -0.51	24.03 0.49 0.00	19.27 0.34 0.00

REYNOLDS_115KV_TB3 80639	19.80 0.25 -8.67	21.34 0.04 -19.49	15.97 0.17 -9.66	15.60 0.19 -8.09	15.38 0.32 -1.96	17.36 0.37 -0.72	31.86 0.29 -19.73	23.11 0.51 -2.42	24.54 0.24 -13.93	19.94 0.33 0.00	19.17 0.28 0.00	18.75 0.34 0.00	17.92 0.36 0.00	23.14 0.16 -15.89	25.54 0.05 -23.05	25.92 0.05 -23.49	30.03 0.04 -28.23	43.49 0.13 -37.46	49.27 -0.09 -52.71	36.20 0.24 -26.38	25.58 0.59 -0.01	30.15 0.43 -12.09	24.07 0.52 0.00	19.32 0.38 0.00
RIVERBAY____ 323610	18.25 0.71 -6.67	16.85 0.11 -14.93	13.86 0.32 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.75 0.93 -0.55	27.44 0.69 -14.91	23.38 1.35 -1.85	21.91 0.77 -10.76	21.01 1.40 0.00	20.28 1.38 0.00	19.87 1.46 0.00	19.08 1.52 0.00	20.40 0.60 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.34 0.48 -29.97	38.60 -0.25 -42.19	31.41 0.71 -21.12	26.86 1.87 0.00	28.56 1.25 -9.68	25.10 1.55 0.00	20.13 1.20 0.00
RIVERSDE_115KV_TB3 55908	19.76 0.20 -8.68	21.36 0.03 -19.52	15.95 0.14 -9.67	15.58 0.16 -8.10	15.33 0.27 -1.96	17.28 0.29 -0.72	31.82 0.23 -19.74	23.02 0.41 -2.43	24.52 0.19 -13.96	19.86 0.25 0.00	19.10 0.21 0.00	18.68 0.27 0.00	17.86 0.30 0.00	23.13 0.13 -15.91	25.55 0.04 -23.08	25.93 0.04 -23.52	30.06 0.03 -28.26	43.50 0.12 -37.50	49.33 -0.07 -52.75	36.18 0.20 -26.40	25.49 0.50 -0.01	30.09 0.36 -12.10	23.96 0.41 0.00	19.22 0.29 0.00
ROARING____BROOK_WT_PWR 323790	10.74 -0.13 0.00	1.78 -0.03 0.00	6.01 -0.13 0.00	7.13 -0.19 0.00	12.82 -0.28 0.00	16.00 -0.27 0.00	11.64 -0.20 0.00	19.86 -0.32 0.00	10.22 -0.16 0.00	19.34 -0.27 0.00	18.68 -0.21 0.00	18.08 -0.32 0.00	17.17 -0.39 0.00	6.91 -0.18 0.00	2.38 -0.05 0.00	2.31 -0.06 0.00	1.73 -0.04 0.00	5.72 -0.17 0.00	-3.25 0.09 0.00	9.43 -0.15 0.00	24.59 -0.40 0.00	17.39 -0.24 0.00	23.25 -0.30 0.00	18.74 -0.20 0.00
ROCHESRG_115KV_T4 355643	10.06 -0.51 0.31	3.67 -0.09 -1.95	6.84 -0.27 -0.97	7.84 -0.29 -0.81	12.77 -0.52 -0.20	15.70 -0.64 -0.07	13.44 -0.37 -1.96	19.75 -0.67 -0.25	11.47 -0.32 -1.42	18.95 -0.67 0.00	18.34 -0.55 0.00	17.78 -0.63 0.00	17.03 -0.53 0.00	8.42 -0.22 -1.54	4.61 -0.06 -2.24	4.60 -0.06 -2.29	4.48 -0.04 -2.76	9.35 -0.16 -3.62	1.74 0.03 -5.05	11.80 -0.30 -2.53	24.21 -0.78 0.00	18.22 -0.57 -1.16	22.59 -0.96 0.00	18.14 -0.79 0.00
ROCHESTER_9_IC 23652	10.08 -0.46 0.33	3.69 -0.08 -1.96	6.87 -0.24 -0.97	7.87 -0.26 -0.82	12.83 -0.46 -0.20	15.79 -0.55 -0.07	13.51 -0.30 -1.97	19.87 -0.56 -0.25	11.54 -0.26 -1.43	19.05 -0.56 0.00	18.44 -0.45 0.00	17.87 -0.54 0.00	17.11 -0.45 0.00	8.46 -0.18 -1.55	4.64 -0.05 -2.26	4.63 -0.05 -2.31	4.51 -0.03 -2.78	9.40 -0.13 -3.64	1.76 0.02 -5.08	11.88 -0.24 -2.55	24.36 -0.63 0.00	18.33 -0.46 -1.17	22.71 -0.83 0.00	18.24 -0.69 0.00
ROCKVIEW_13_KV_LD 356306	18.23 0.69 -6.66	16.84 0.11 -14.92	13.86 0.32 -7.39	13.90 0.39 -6.20	15.30 0.70 -1.50	17.74 0.93 -0.55	27.44 0.69 -14.91	23.33 1.30 -1.85	21.89 0.75 -10.76	20.98 1.37 0.00	20.28 1.38 0.00	19.82 1.41 0.00	19.02 1.46 0.00	20.39 0.59 -12.71	21.10 0.21 -18.45	21.51 0.21 -18.93	24.71 0.15 -22.79	36.35 0.49 -29.97	38.58 -0.27 -42.19	31.44 0.75 -21.12	26.94 1.94 0.00	28.59 1.28 -9.68	25.16 1.61 0.00	20.13 1.19 0.00
ROME____115KV_TB2 80656	11.54 0.19 -0.47	2.68 0.02 -0.85	6.63 0.07 -0.42	7.76 0.08 -0.35	13.35 0.17 -0.09	16.55 0.26 -0.03	12.98 0.28 -0.85	20.63 0.34 -0.11	11.16 0.15 -0.63	19.84 0.22 0.00	19.12 0.23 0.00	18.59 0.18 0.00	17.71 0.16 0.00	7.82 0.06 -0.67	3.41 0.01 -0.97	3.37 0.01 -0.99	2.97 0.01 -1.19	7.52 0.06 -1.57	-1.19 -0.05 -2.20	10.90 0.22 -1.10	25.65 0.66 0.00	18.57 0.43 -0.51	24.03 0.49 0.00	19.27 0.34 0.00
ROSETON____1 23587	17.93 0.55 -6.50	16.61 0.08 -14.72	13.69 0.26 -7.29	13.74 0.31 -6.11	15.14 0.56 -1.48	17.55 0.75 -0.54	27.20 0.56 -14.80	23.06 1.05 -1.83	21.59 0.60 -10.62	20.67 1.06 0.00	19.95 1.06 0.00	19.50 1.10 0.00	18.71 1.15 0.00	20.14 0.47 -12.58	20.87 0.17 -18.27	21.28 0.17 -18.74	24.45 0.12 -22.56	35.95 0.40 -29.67	38.21 -0.22 -41.77	31.10 0.61 -20.91	26.58 1.58 0.00	28.27 1.05 -9.59	24.85 1.30 0.00	19.90 0.96 0.00
ROSETON____2 23588	17.93 0.55 -6.50	16.61 0.08 -14.72	13.69 0.26 -7.29	13.74 0.31 -6.11	15.14 0.56 -1.48	17.55 0.75 -0.54	27.20 0.56 -14.80	23.06 1.05 -1.83	21.59 0.60 -10.62	20.67 1.06 0.00	19.95 1.06 0.00	19.50 1.10 0.00	18.71 1.15 0.00	20.14 0.47 -12.58	20.87 0.17 -18.27	21.28 0.17 -18.74	24.45 0.12 -22.56	35.95 0.40 -29.67	38.21 -0.22 -41.77	31.10 0.61 -20.91	26.58 1.58 0.00	28.27 1.05 -9.59	24.85 1.30 0.00	19.90 0.96 0.00
ROTTSDAM_115KV_TB3 80664	20.49 0.37 -9.26	22.68 0.06 -20.81	16.65 0.20 -10.31	16.20 0.24 -8.64	15.62 0.43 -2.09	17.58 0.55 -0.77	33.30 0.42 -21.03	23.48 0.71 -2.59	25.73 0.35 -15.01	20.17 0.56 0.00	19.42 0.53 0.00	18.96 0.55 0.00	18.10 0.54 0.00	24.21 0.22 -16.90	27.02 0.07 -24.51	27.45 0.07 -25.01	31.87 0.05 -30.05	45.91 0.20 -39.82	52.54 -0.12 -56.01	37.95 0.34 -28.03	25.89 0.89 -0.01	31.09 0.62 -12.85	24.35 0.80 0.00	19.55 0.62 0.00
RUSSELL____1 23602	10.12 -0.42 0.33	3.69 -0.08 -1.96	6.89 -0.22 -0.97	7.90 -0.24 -0.82	12.88 -0.41 -0.20	15.86 -0.48 -0.07	13.56 -0.25 -1.97	19.97 -0.46 -0.25	11.59 -0.21 -1.43	19.14 -0.47 0.00	18.52 -0.38 0.00	17.95 -0.46 0.00	17.19 -0.37 0.00	8.49 -0.15 -1.55	4.65 -0.04 -2.26	4.64 -0.04 -2.31	4.52 -0.03 -2.78	9.43 -0.09 -3.64	1.74 0.00 -5.08	11.93 -0.19 -2.55	24.50 -0.49 0.00	18.43 -0.36 -1.17	22.83 -0.71 0.00	18.33 -0.60 0.00
RUSSELL____2 23532	10.12 -0.42 0.33	3.69 -0.08 -1.96	6.89 -0.22 -0.97	7.90 -0.24 -0.82	12.88 -0.41 -0.20	15.86 -0.48 -0.07	13.56 -0.25 -1.97	19.97 -0.46 -0.25	11.59 -0.21 -1.43	19.14 -0.47 0.00	18.52 -0.38 0.00	17.95 -0.46 0.00	17.19 -0.37 0.00	8.49 -0.15 -1.55	4.65 -0.04 -2.26	4.64 -0.04 -2.31	4.52 -0.03 -2.78	9.43 -0.09 -3.64	1.74 0.00 -5.08	11.93 -0.19 -2.55	24.50 -0.49 0.00	18.43 -0.36 -1.17	22.83 -0.71 0.00	18.33 -0.60 0.00
RUSSELL____3 23549	10.12 -0.42 0.33	3.69 -0.08 -1.96	6.89 -0.22 -0.97	7.90 -0.24 -0.82	12.88 -0.41 -0.20	15.86 -0.48 -0.07	13.56 -0.25 -1.97	19.97 -0.46 -0.25	11.59 -0.21 -1.43	19.14 -0.47 0.00	18.52 -0.38 0.00	17.95 -0.46 0.00	17.19 -0.37 0.00	8.49 -0.15 -1.55	4.65 -0.04 -2.26	4.64 -0.04 -2.31	4.52 -0.03 -2.78	9.43 -0.09 -3.64	1.74 0.00 -5.08	11.93 -0.19 -2.55	24.50 -0.49 0.00	18.43 -0.36 -1.17	22.83 -0.71 0.00	18.33 -0.60 0.00
RUSSELL____4 23556	10.12 -0.42 0.33	3.69 -0.08 -1.96	6.89 -0.22 -0.97	7.90 -0.24 -0.82	12.88 -0.41 -0.20	15.86 -0.48 -0.07	13.56 -0.25 -1.97	19.97 -0.46 -0.25	11.59 -0.21 -1.43	19.14 -0.47 0.00	18.52 -0.38 0.00	17.95 -0.46 0.00	17.19 -0.37 0.00	8.49 -0.15 -1.55	4.65 -0.04 -2.26	4.64 -0.04 -2.31	4.52 -0.03 -2.78	9.43 -0.09 -3.64	1.74 0.00 -5.08	11.93 -0.19 -2.55	24.50 -0.49 0.00	18.43 -0.36 -1.17	22.83 -0.71 0.00	18.33 -0.60 0.00

RUSSELL___STATION 23914	10.12 -0.42 0.33	3.69 -0.08 -1.96	6.89 -0.22 -0.97	7.90 -0.24 -0.82	12.88 -0.41 -0.20	15.86 -0.48 -0.07	13.56 -0.25 -1.97	19.97 -0.46 -0.25	11.59 -0.21 -1.43	19.14 -0.47 0.00	18.52 -0.38 0.00	17.95 -0.46 0.00	17.19 -0.37 0.00	8.49 -0.15 -1.55	4.65 -0.04 -2.26	4.64 -0.04 -2.31	4.52 -0.03 -2.78	9.43 -0.09 -3.64	1.74 0.00 -5.08	11.93 -0.19 -2.55	24.50 -0.49 0.00	18.43 -0.36 -1.17	22.83 -0.71 0.00	18.33 -0.60 0.00
S SALMON___HYD 24043	11.13 -0.30 -0.56	3.00 -0.06 -1.26	6.55 -0.22 -0.62	7.59 -0.26 -0.52	12.80 -0.42 -0.13	15.86 -0.45 -0.05	12.83 -0.28 -1.27	19.77 -0.56 -0.16	10.95 -0.34 -0.92	18.90 -0.71 0.00	18.23 -0.67 0.00	17.70 -0.70 0.00	16.87 -0.69 0.00	7.81 -0.28 -1.00	3.79 -0.09 -1.44	3.75 -0.10 -1.48	3.47 -0.07 -1.78	8.00 -0.23 -2.34	0.05 0.12 -3.28	10.98 -0.24 -1.64	24.54 -0.45 0.00	18.04 -0.34 -0.75	23.00 -0.55 0.00	18.43 -0.50 0.00
S.PERRY___115KV_TB1 80734	12.45 -0.06 -1.63	4.43 -0.02 -2.64	7.41 -0.04 -1.31	8.42 0.00 -1.10	13.37 0.01 -0.27	16.44 0.07 -0.10	14.57 0.17 -2.56	20.71 0.20 -0.33	12.21 -0.04 -1.88	19.50 -0.11 0.00	18.87 -0.03 0.00	18.26 -0.15 0.00	17.47 -0.09 0.00	9.14 -0.04 -2.10	5.47 -0.01 -3.05	5.47 -0.01 -3.12	5.51 -0.01 -3.75	10.81 0.00 -4.92	3.48 -0.05 -6.87	13.13 0.11 -3.44	25.42 0.42 0.00	19.46 0.25 -1.58	23.62 0.06 0.00	18.93 -0.01 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.51 -0.67 -0.31	4.15 -0.12 -2.46	7.03 -0.33 -1.22	7.98 -0.36 -1.02	12.70 -0.65 -0.25	15.48 -0.88 -0.09	13.79 -0.52 -2.47	19.53 -0.95 -0.31	11.74 -0.45 -1.82	18.75 -0.87 0.00	18.27 -0.61 0.00	17.69 -0.72 0.00	16.98 -0.57 0.00	8.80 -0.25 -1.95	5.19 -0.07 -2.83	5.19 -0.07 -2.90	5.20 -0.05 -3.48	10.28 -0.18 -4.57	3.06 0.03 -6.37	12.30 -0.46 -3.19	23.81 -1.18 0.00	18.26 -0.82 -1.46	22.22 -1.33 0.00	17.89 -1.04 0.00
SAWYER___23_KV_LOAD 55526	10.51 -0.67 -0.31	4.15 -0.12 -2.46	7.03 -0.33 -1.22	7.98 -0.36 -1.02	12.70 -0.65 -0.25	15.48 -0.88 -0.09	13.79 -0.52 -2.47	19.53 -0.95 -0.31	11.74 -0.45 -1.82	18.75 -0.87 0.00	18.27 -0.61 0.00	17.69 -0.72 0.00	16.98 -0.57 0.00	8.80 -0.25 -1.95	5.19 -0.07 -2.83	5.19 -0.07 -2.90	5.20 -0.05 -3.48	10.28 -0.18 -4.57	3.06 0.03 -6.37	12.30 -0.46 -3.19	23.81 -1.18 0.00	18.26 -0.82 -1.46	22.22 -1.33 0.00	17.89 -1.04 0.00
SELKIRK___I 23801	19.55 0.25 -8.42	20.92 0.04 -19.07	15.76 0.17 -9.45	15.43 0.19 -7.92	15.35 0.33 -1.92	17.35 0.39 -0.70	31.32 0.29 -19.18	23.05 0.50 -2.37	24.37 0.21 -13.78	19.92 0.31 0.00	19.18 0.29 0.00	18.75 0.35 0.00	17.92 0.36 0.00	22.80 0.15 -15.56	25.06 0.05 -22.57	25.45 0.05 -23.03	29.49 0.04 -27.68	42.70 0.14 -36.68	48.18 -0.08 -51.61	35.65 0.24 -25.83	25.61 0.61 -0.01	29.90 0.43 -11.84	24.07 0.52 0.00	19.33 0.40 0.00
SELKIRK___II 23799	19.64 0.22 -8.55	21.21 0.04 -19.36	15.88 0.14 -9.59	15.51 0.16 -8.04	15.32 0.27 -1.95	17.29 0.31 -0.71	31.56 0.24 -19.48	23.02 0.43 -2.41	24.57 0.20 -14.00	19.89 0.28 0.00	19.15 0.25 0.00	18.72 0.31 0.00	17.89 0.34 0.00	23.01 0.14 -15.78	25.37 0.05 -22.89	25.77 0.05 -23.36	29.88 0.04 -28.07	43.22 0.13 -37.20	48.92 -0.08 -52.34	35.99 0.21 -26.20	25.54 0.54 -0.01	30.02 0.38 -12.01	24.00 0.45 0.00	19.27 0.33 0.00
SENECA OSWGO___HYD 24041	11.15 -0.35 -0.63	3.16 -0.06 -1.42	6.63 -0.22 -0.70	7.67 -0.24 -0.59	12.80 -0.44 -0.14	15.82 -0.50 -0.05	12.97 -0.31 -1.43	19.81 -0.55 -0.18	11.13 -0.28 -1.04	19.02 -0.60 0.00	18.35 -0.54 0.00	17.86 -0.55 0.00	17.05 -0.51 0.00	8.01 -0.21 -1.12	3.99 -0.07 -1.63	3.97 -0.07 -1.66	3.72 -0.05 -2.00	8.37 -0.15 -2.64	0.42 0.07 -3.69	11.19 -0.23 -1.85	24.42 -0.57 0.00	18.04 -0.44 -0.85	22.84 -0.71 0.00	18.32 -0.61 0.00
SENECA___115KV_TB3 355854	10.78 -0.49 -0.40	4.28 -0.09 -2.56	7.17 -0.24 -1.27	8.13 -0.25 -1.07	12.91 -0.45 -0.26	15.75 -0.61 -0.09	14.09 -0.32 -2.57	19.90 -0.60 -0.32	12.00 -0.28 -1.90	19.08 -0.53 0.00	18.60 -0.29 0.00	18.01 -0.40 0.00	17.29 -0.27 0.00	8.99 -0.13 -2.03	5.34 -0.04 -2.95	5.35 -0.04 -3.01	5.37 -0.02 -3.62	10.56 -0.08 -4.75	3.27 -0.02 -6.63	12.59 -0.30 -3.32	24.26 -0.73 0.00	18.62 -0.53 -1.52	22.60 -0.94 0.00	18.19 -0.74 0.00
SENECA___ENERGY 23797	15.53 -0.22 -4.88	3.83 -0.04 -2.06	7.02 -0.14 -1.02	8.02 -0.16 -0.86	13.04 -0.27 -0.21	16.05 -0.29 -0.08	13.83 -0.09 -2.08	20.24 -0.20 -0.26	11.76 -0.11 -1.50	19.32 -0.30 0.00	18.65 -0.24 0.00	18.11 -0.30 0.00	17.27 -0.29 0.00	8.60 -0.11 -1.62	4.75 -0.03 -2.35	4.73 -0.04 -2.40	4.63 -0.02 -2.89	9.64 -0.06 -3.81	2.04 0.02 -5.36	12.19 -0.07 -2.68	24.83 -0.16 0.00	18.65 -0.21 -1.23	23.11 -0.44 0.00	18.55 -0.38 0.00
SHOEMAKER___GT 23640	17.21 0.52 -5.82	15.06 0.08 -13.17	12.91 0.24 -6.52	13.08 0.30 -5.47	14.96 0.53 -1.32	17.47 0.72 -0.48	25.62 0.54 -13.24	22.80 0.99 -1.63	20.41 0.54 -9.49	20.57 0.96 0.00	19.82 0.92 0.00	19.35 0.95 0.00	18.52 0.97 0.00	18.73 0.40 -11.24	18.90 0.14 -16.32	19.25 0.14 -16.74	22.02 0.10 -20.15	32.76 0.36 -26.52	33.82 -0.19 -37.36	28.83 0.55 -18.70	26.44 1.44 0.00	27.16 0.96 -8.57	24.77 1.22 0.00	19.85 0.92 0.00
SHOEMAKR_138KV_BK 111 55601	17.23 0.52 -5.84	14.94 0.08 -13.05	12.85 0.24 -6.46	13.03 0.29 -5.42	14.94 0.53 -1.31	17.45 0.70 -0.48	25.41 0.53 -13.04	22.78 0.98 -1.62	20.33 0.54 -9.41	20.58 0.96 0.00	19.83 0.94 0.00	19.37 0.97 0.00	18.54 0.99 0.00	18.61 0.40 -11.12	18.72 0.15 -16.14	19.07 0.15 -16.56	21.80 0.11 -19.93	32.47 0.36 -26.23	33.41 -0.19 -36.94	28.62 0.55 -18.49	26.44 1.44 0.00	27.06 0.95 -8.48	24.76 1.21 0.00	19.83 0.90 0.00
SHOREHAM_IC_1 23715	18.34 0.87 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.06 0.54 -6.20	15.59 0.99 -1.50	20.92 1.30 -3.35	28.36 0.92 -15.59	56.04 1.73 -34.13	23.44 0.91 -12.16	21.22 1.57 -0.04	20.35 1.46 0.00	19.82 1.41 0.00	18.91 1.35 0.00	20.82 0.55 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.11 0.92 -36.61	33.29 2.40 -5.90	40.08 1.61 -20.84	29.32 2.11 -3.66	20.41 1.48 0.00
SHOREHAM_IC_2 23716	18.34 0.87 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.06 0.54 -6.20	15.59 0.99 -1.50	20.92 1.30 -3.35	28.36 0.92 -15.59	56.04 1.73 -34.13	23.44 0.91 -12.16	21.22 1.57 -0.04	20.35 1.46 0.00	19.82 1.41 0.00	18.91 1.35 0.00	20.82 0.55 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.88 0.56 -32.43	42.25 -0.30 -45.90	47.11 0.92 -36.61	33.29 2.40 -5.90	40.08 1.61 -20.84	29.32 2.11 -3.66	20.41 1.48 0.00
SISSONVILLE___ 23735	10.55 -0.46 -0.14	1.99 -0.07 -0.26	6.04 -0.23 -0.13	7.14 -0.28 -0.11	12.66 -0.46 -0.03	15.71 -0.57 -0.01	11.66 -0.43 -0.24	19.46 -0.75 -0.03	10.12 -0.44 -0.19	18.89 -0.72 0.00	18.12 -0.77 0.00	17.61 -0.79 0.00	16.75 -0.81 0.00	6.96 -0.34 -0.21	2.61 -0.13 -0.30	2.55 -0.12 -0.31	2.05 -0.09 -0.37	6.08 -0.29 -0.49	-2.48 0.18 -0.69	9.52 -0.39 -0.34	24.03 -0.96 0.00	17.18 -0.61 -0.16	22.82 -0.73 0.00	18.40 -0.53 0.00

SITHE_IND_GS1 24169	10.97 -0.44 -0.54	2.95 -0.08 -1.22	6.49 -0.26 -0.60	7.53 -0.30 -0.50	12.69 -0.53 -0.12	15.67 -0.64 -0.04	12.65 -0.42 -1.23	19.60 -0.73 -0.15	10.90 -0.37 -0.89	18.87 -0.74 0.00	18.21 -0.68 0.00	17.72 -0.69 0.00	16.91 -0.65 0.00	7.79 -0.26 -0.96	3.75 -0.09 -1.40	3.71 -0.08 -1.43	3.43 -0.06 -1.72	7.95 -0.20 -2.27	-0.07 0.10 -3.17	10.84 -0.33 -1.59	24.16 -0.83 0.00	17.74 -0.62 -0.73	22.63 -0.92 0.00	18.17 -0.76 0.00
SITHE_IND_GS2 24170	10.97 -0.44 -0.54	2.95 -0.08 -1.22	6.49 -0.26 -0.60	7.53 -0.30 -0.50	12.69 -0.53 -0.12	15.67 -0.64 -0.04	12.65 -0.42 -1.23	19.60 -0.73 -0.15	10.90 -0.37 -0.89	18.87 -0.74 0.00	18.21 -0.68 0.00	17.72 -0.69 0.00	16.91 -0.65 0.00	7.79 -0.26 -0.96	3.75 -0.09 -1.40	3.71 -0.08 -1.43	3.43 -0.06 -1.72	7.95 -0.20 -2.27	-0.07 0.10 -3.17	10.84 -0.33 -1.59	24.16 -0.83 0.00	17.74 -0.62 -0.73	22.63 -0.92 0.00	18.17 -0.76 0.00
SITHE_IND_GS3 24171	10.97 -0.44 -0.54	2.95 -0.08 -1.22	6.49 -0.26 -0.60	7.53 -0.30 -0.50	12.69 -0.53 -0.12	15.67 -0.64 -0.04	12.65 -0.42 -1.23	19.60 -0.73 -0.15	10.90 -0.37 -0.89	18.87 -0.74 0.00	18.21 -0.68 0.00	17.72 -0.69 0.00	16.91 -0.65 0.00	7.79 -0.26 -0.96	3.75 -0.09 -1.40	3.71 -0.08 -1.43	3.43 -0.06 -1.72	7.95 -0.20 -2.27	-0.07 0.10 -3.17	10.84 -0.33 -1.59	24.16 -0.83 0.00	17.74 -0.62 -0.73	22.63 -0.92 0.00	18.17 -0.76 0.00
SITHE_IND_GS4 24172	10.97 -0.44 -0.54	2.95 -0.08 -1.22	6.49 -0.26 -0.60	7.53 -0.30 -0.50	12.69 -0.53 -0.12	15.67 -0.64 -0.04	12.65 -0.42 -1.23	19.60 -0.73 -0.15	10.90 -0.37 -0.89	18.87 -0.74 0.00	18.21 -0.68 0.00	17.72 -0.69 0.00	16.91 -0.65 0.00	7.79 -0.26 -0.96	3.75 -0.09 -1.40	3.71 -0.08 -1.43	3.43 -0.06 -1.72	7.95 -0.20 -2.27	-0.07 0.10 -3.17	10.84 -0.33 -1.59	24.16 -0.83 0.00	17.74 -0.62 -0.73	22.63 -0.92 0.00	18.17 -0.76 0.00
SITHE___BATAVIA 24024	10.43 -0.35 0.09	3.91 -0.07 -2.16	7.04 -0.17 -1.07	8.05 -0.17 -0.90	13.01 -0.30 -0.22	15.96 -0.38 -0.08	13.90 -0.13 -2.18	20.27 -0.18 -0.27	12.06 0.25 -1.44	19.48 -0.13 0.00	18.26 -0.63 0.00	17.63 -0.78 0.00	16.89 -0.67 0.00	8.51 -0.26 -1.69	4.79 -0.09 -2.44	4.78 -0.08 -2.50	4.72 -0.06 -3.00	9.67 -0.16 -3.95	2.20 0.03 -5.51	11.99 -0.35 -2.76	24.17 -0.82 0.00	18.32 -0.58 -1.26	22.48 -1.08 0.00	18.04 -0.89 0.00
SITHE___INDEPEND 23800	10.90 -0.44 -0.46	2.95 -0.08 -1.22	6.49 -0.26 -0.60	7.53 -0.30 -0.50	12.69 -0.53 -0.12	15.67 -0.64 -0.04	12.65 -0.42 -1.23	19.60 -0.73 -0.15	10.90 -0.37 -0.89	18.87 -0.74 0.00	18.21 -0.68 0.00	17.72 -0.69 0.00	16.91 -0.65 0.00	7.79 -0.26 -0.96	3.75 -0.09 -1.40	3.71 -0.08 -1.43	3.43 -0.06 -1.72	7.95 -0.20 -2.27	-0.07 0.10 -3.17	10.84 -0.33 -1.59	24.16 -0.83 0.00	17.74 -0.62 -0.73	22.63 -0.92 0.00	18.17 -0.76 0.00
SITHE___MASSENA 23902	10.75 -0.12 0.00	1.79 -0.01 0.00	6.10 -0.04 0.00	7.27 -0.05 0.00	13.03 -0.07 0.00	16.15 -0.12 0.00	11.72 -0.12 0.00	19.98 -0.20 0.00	10.24 -0.13 0.00	19.49 -0.12 0.00	18.74 -0.15 0.00	18.24 -0.17 0.00	17.38 -0.18 0.00	7.01 -0.08 0.00	2.40 -0.04 0.00	2.33 -0.04 0.00	1.74 -0.03 0.00	5.81 -0.08 0.00	-3.28 0.06 0.00	9.45 -0.12 0.00	24.70 -0.29 0.00	17.48 -0.15 0.00	23.44 -0.11 0.00	18.91 -0.02 0.00
SITHE___OGDNSBRG 24021	10.86 -0.13 -0.11	2.00 -0.01 -0.20	6.20 -0.04 -0.10	7.35 -0.06 -0.08	13.06 -0.06 -0.02	16.19 -0.09 -0.01	11.95 -0.09 -0.19	20.02 -0.18 -0.02	10.36 -0.16 -0.15	19.45 -0.17 0.00	18.68 -0.21 0.00	18.17 -0.23 0.00	17.30 -0.25 0.00	7.14 -0.11 -0.17	2.63 -0.05 -0.24	2.57 -0.05 -0.25	2.03 -0.04 -0.30	6.18 -0.11 -0.40	-2.71 0.08 -0.55	9.74 -0.12 -0.28	24.75 -0.24 0.00	17.65 -0.11 -0.13	23.48 -0.07 0.00	18.93 0.00 0.00
SITHE___STERLING 23777	11.43 0.13 -0.43	2.80 0.01 -0.98	6.67 0.04 -0.49	7.78 0.05 -0.41	13.30 0.10 -0.10	16.46 0.16 -0.03	13.03 0.20 -0.98	20.54 0.24 -0.12	11.20 0.11 -0.71	19.76 0.14 0.00	19.05 0.16 0.00	18.53 0.13 0.00	17.67 0.11 0.00	7.90 0.04 -0.77	3.56 0.01 -1.12	3.52 0.01 -1.14	3.15 0.01 -1.38	7.75 0.05 -1.81	-0.84 -0.04 -2.55	11.01 0.17 -1.28	25.48 0.49 0.00	18.52 0.31 -0.58	23.87 0.32 0.00	19.14 0.21 0.00
SLEIGHT__34_KV_TB1 80719	11.48 -0.08 -0.69	3.74 -0.02 -1.95	7.05 -0.06 -0.97	8.06 -0.06 -0.81	13.22 -0.07 -0.20	16.26 -0.07 -0.07	13.89 0.09 -1.96	20.49 0.07 -0.24	11.84 0.04 -1.43	19.64 0.03 0.00	18.96 0.07 0.00	18.42 0.01 0.00	17.55 -0.02 0.00	8.63 0.01 -1.53	4.66 0.01 -2.22	4.64 0.00 -2.27	4.51 0.01 -2.73	9.53 0.04 -3.60	1.67 -0.05 -5.06	12.20 0.09 -2.54	25.27 0.28 0.00	18.87 0.07 -1.16	23.48 -0.07 0.00	18.84 -0.09 0.00
SOUTH CAIRO___GT 23612	19.27 0.41 -7.99	19.97 0.07 -18.09	15.37 0.27 -8.97	15.13 0.30 -7.51	15.46 0.54 -1.82	17.64 0.71 -0.67	30.58 0.54 -18.20	23.37 0.95 -2.25	23.77 0.33 -13.06	20.05 0.44 0.00	19.20 0.31 0.00	18.75 0.35 0.00	17.90 0.34 0.00	22.04 0.13 -14.81	23.97 0.05 -21.49	24.36 0.05 -21.94	28.19 0.05 -26.38	41.04 0.21 -34.94	45.72 -0.13 -49.20	34.66 0.45 -24.63	26.26 1.26 0.00	29.75 0.83 -11.29	24.57 1.02 0.00	19.68 0.75 0.00
SOUTH HAMPTN___IC 23720	18.53 1.06 -6.59	17.48 0.18 -15.49	14.10 0.56 -7.40	14.18 0.67 -6.20	15.82 1.22 -1.50	21.24 1.63 -3.36	28.61 1.17 -15.59	56.49 2.18 -34.13	23.67 1.14 -12.16	21.65 2.00 -0.04	20.73 1.84 0.00	20.17 1.76 0.00	19.23 1.68 0.00	20.95 0.69 -13.17	47.35 0.27 -44.64	48.56 0.28 -45.91	30.93 0.21 -28.95	39.02 0.70 -32.43	42.17 -0.39 -45.90	47.33 1.14 -36.61	33.90 3.01 -5.90	40.48 2.01 -20.84	29.83 2.63 -3.66	20.80 1.86 0.00
SOUTHDOW_115KV_TB1 355954	12.08 0.22 -0.98	4.60 0.02 -2.78	7.59 0.07 -1.37	8.63 0.16 -1.15	13.70 0.32 -0.28	16.74 0.37 -0.10	15.08 0.46 -2.78	21.52 0.98 -0.36	12.97 0.52 -2.07	20.60 0.99 0.00	20.07 1.18 0.00	19.41 1.01 0.00	18.59 1.03 0.00	9.71 0.40 -2.23	5.80 0.13 -3.23	5.80 0.12 -3.31	5.84 0.09 -3.98	11.39 0.28 -5.22	3.71 -0.22 -7.27	13.57 0.36 -3.64	26.02 1.03 0.00	19.92 0.63 -1.67	24.10 0.55 0.00	19.32 0.39 0.00
SOUTHOLD_69_KV_BK 2 55809	18.73 1.19 -6.67	17.50 0.20 -15.49	14.17 0.63 -7.40	14.26 0.74 -6.20	15.97 1.37 -1.50	21.44 1.83 -3.35	28.66 1.32 -15.49	56.76 2.45 -34.13	23.80 1.28 -12.15	21.91 2.26 -0.04	20.95 2.06 0.00	20.37 1.97 0.00	19.42 1.86 0.00	21.02 0.76 -13.17	47.38 0.30 -44.64	48.59 0.31 -45.91	30.95 0.23 -28.95	39.10 0.79 -32.43	42.12 -0.44 -45.90	47.48 1.29 -36.61	34.30 3.41 -5.90	40.75 2.28 -20.84	30.15 2.94 -3.66	21.04 2.11 0.00
SOUTHOLD___IC 23719	18.65 1.19 -6.59	17.50 0.20 -15.49	14.17 0.63 -7.40	14.26 0.74 -6.20	15.97 1.37 -1.50	21.45 1.83 -3.36	28.76 1.32 -15.59	56.77 2.45 -34.13	23.81 1.28 -12.16	21.91 2.26 -0.04	20.95 2.06 0.00	20.37 1.97 0.00	19.42 1.86 0.00	21.02 0.76 -13.17	47.38 0.30 -44.64	48.59 0.31 -45.91	30.95 0.23 -28.95	39.10 0.79 -32.43	42.12 -0.44 -45.90	47.48 1.29 -36.61	34.30 3.41 -5.90	40.75 2.28 -20.84	30.15 2.95 -3.66	21.03 2.10 0.00

SPIERFLS_115KV_TB1 80737	20.32 0.33 -9.12	22.36 0.05 -20.50	16.49 0.20 -10.15	16.07 0.24 -8.51	15.60 0.44 -2.06	17.69 0.67 -0.76	33.11 0.52 -20.74	23.55 0.82 -2.55	25.51 0.37 -14.77	20.16 0.55 0.00	19.35 0.45 0.00	18.85 0.44 0.00	17.84 0.28 0.00	23.84 0.09 -16.66	26.62 0.02 -24.17	27.03 0.02 -24.64	31.39 0.02 -29.61	45.28 0.13 -39.26	51.80 -0.08 -55.23	37.48 0.26 -27.64	25.62 0.62 -0.01	30.73 0.43 -12.67	24.40 0.86 0.00	19.64 0.71 0.00
ST LAWRENCE____ 23600	10.68 -0.19 0.00	1.78 -0.02 0.00	6.07 -0.08 0.00	7.22 -0.09 0.00	12.94 -0.16 0.00	16.04 -0.22 0.00	11.63 -0.21 0.00	19.82 -0.36 0.00	10.17 -0.20 0.00	19.33 -0.28 0.00	18.57 -0.32 0.00	18.08 -0.33 0.00	17.22 -0.33 0.00	6.95 -0.14 0.00	2.38 -0.06 0.00	2.32 -0.05 0.00	1.73 -0.04 0.00	5.76 -0.13 0.00	-3.26 0.09 0.00	9.37 -0.20 0.00	24.46 -0.54 0.00	17.31 -0.32 0.00	23.22 -0.33 0.00	18.73 -0.20 0.00
STATE_CA_115KV_115_LB 55624	19.85 0.21 -8.77	21.55 0.03 -19.71	16.06 0.15 -9.76	15.66 0.16 -8.18	15.34 0.27 -1.98	17.29 0.29 -0.73	32.01 0.23 -19.94	23.04 0.41 -2.45	24.69 0.19 -14.12	19.87 0.26 0.00	19.13 0.24 0.00	18.71 0.30 0.00	17.89 0.33 0.00	23.29 0.14 -16.06	25.77 0.05 -23.29	26.16 0.04 -23.74	30.34 0.04 -28.53	43.86 0.13 -37.84	49.82 -0.08 -53.24	36.44 0.21 -26.65	25.53 0.54 -0.01	30.21 0.37 -12.21	23.97 0.42 0.00	19.23 0.30 0.00
STATE_ST_34_KV_LOAD 55959	13.41 -0.04 -2.58	3.84 -0.01 -2.04	7.11 -0.05 -1.01	8.11 -0.06 -0.85	13.26 -0.04 -0.20	16.37 0.03 -0.08	13.98 0.11 -2.02	20.61 0.18 -0.25	11.94 0.08 -1.49	19.74 0.13 0.00	18.96 0.07 0.00	18.40 -0.01 0.00	17.48 -0.08 0.00	8.66 -0.02 -1.59	4.76 0.02 -2.31	4.74 0.01 -2.37	4.63 0.01 -2.84	9.72 0.07 -3.76	1.91 -0.05 -5.31	12.38 0.15 -2.66	25.42 0.43 0.00	19.01 0.17 -1.22	23.66 0.11 0.00	18.99 0.06 0.00
STATION 5_MISC_HYD 23604	10.08 -0.46 0.33	3.69 -0.08 -1.96	6.87 -0.24 -0.97	7.88 -0.26 -0.82	12.84 -0.46 -0.20	15.79 -0.55 -0.07	13.52 -0.30 -1.98	19.88 -0.55 -0.25	11.55 -0.26 -1.43	19.05 -0.56 0.00	18.44 -0.45 0.00	17.87 -0.54 0.00	17.11 -0.45 0.00	8.46 -0.18 -1.55	4.64 -0.05 -2.26	4.62 -0.05 -2.30	4.50 -0.03 -2.77	9.40 -0.12 -3.64	1.76 0.02 -5.08	11.88 -0.24 -2.55	24.37 -0.62 0.00	18.34 -0.45 -1.17	22.71 -0.83 0.00	18.24 -0.69 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	8.55 -0.29 2.04	3.72 -0.06 -1.96	6.95 -0.16 -0.97	7.96 -0.17 -0.82	12.99 -0.30 -0.20	15.99 -0.35 -0.07	13.68 -0.13 -1.97	20.15 -0.28 -0.25	11.67 -0.13 -1.43	19.28 -0.33 0.00	18.65 -0.24 0.00	18.09 -0.32 0.00	17.30 -0.26 0.00	8.54 -0.10 -1.55	4.66 -0.03 -2.26	4.64 -0.03 -2.31	4.52 -0.02 -2.78	9.47 -0.06 -3.65	1.75 0.00 -5.10	12.02 -0.11 -2.55	24.73 -0.26 0.00	18.56 -0.23 -1.17	23.03 -0.52 0.00	18.48 -0.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.72 -0.50 0.65	3.66 -0.09 -1.95	6.84 -0.27 -0.97	7.84 -0.29 -0.81	12.78 -0.51 -0.19	15.71 -0.63 -0.07	13.44 -0.35 -1.95	19.78 -0.64 -0.25	11.49 -0.30 -1.42	18.97 -0.64 0.00	18.36 -0.53 0.00	17.80 -0.61 0.00	17.05 -0.51 0.00	8.42 -0.21 -1.54	4.61 -0.06 -2.24	4.60 -0.06 -2.29	4.48 -0.04 -2.75	9.35 -0.15 -3.61	1.74 0.03 -5.05	11.82 -0.28 -2.53	24.27 -0.72 0.00	18.26 -0.53 -1.16	22.63 -0.92 0.00	18.17 -0.76 0.00
STA_56____34_KV_BUS2 355983	9.72 -0.50 0.65	3.66 -0.09 -1.95	6.84 -0.27 -0.97	7.84 -0.29 -0.81	12.78 -0.51 -0.19	15.71 -0.63 -0.07	13.44 -0.35 -1.95	19.78 -0.64 -0.25	11.49 -0.30 -1.42	18.97 -0.64 0.00	18.36 -0.53 0.00	17.80 -0.61 0.00	17.05 -0.51 0.00	8.42 -0.21 -1.54	4.61 -0.06 -2.24	4.60 -0.06 -2.29	4.48 -0.04 -2.75	9.35 -0.15 -3.61	1.74 0.03 -5.05	11.82 -0.28 -2.53	24.27 -0.72 0.00	18.26 -0.53 -1.16	22.63 -0.92 0.00	18.17 -0.76 0.00
STA_67____115KV_BK2 355882	10.06 -0.48 0.33	3.68 -0.09 -1.96	6.86 -0.25 -0.97	7.86 -0.27 -0.82	12.81 -0.48 -0.20	15.75 -0.59 -0.07	13.48 -0.33 -1.96	19.82 -0.60 -0.25	11.52 -0.28 -1.43	19.01 -0.60 0.00	18.40 -0.49 0.00	17.83 -0.58 0.00	17.08 -0.48 0.00	8.45 -0.20 -1.55	4.63 -0.06 -2.25	4.62 -0.05 -2.30	4.50 -0.04 -2.77	9.39 -0.14 -3.64	1.76 0.02 -5.08	11.85 -0.27 -2.54	24.30 -0.69 0.00	18.29 -0.50 -1.17	22.67 -0.88 0.00	18.20 -0.73 0.00
STA_7____115KV_9TRANS 80674	10.12 -0.42 0.33	3.69 -0.08 -1.96	6.89 -0.22 -0.97	7.90 -0.24 -0.82	12.88 -0.41 -0.20	15.86 -0.48 -0.07	13.56 -0.25 -1.97	19.97 -0.46 -0.25	11.59 -0.21 -1.43	19.14 -0.47 0.00	18.52 -0.38 0.00	17.95 -0.46 0.00	17.19 -0.37 0.00	8.49 -0.15 -1.55	4.65 -0.04 -2.26	4.64 -0.04 -2.31	4.52 -0.03 -2.78	9.43 -0.09 -3.64	1.74 0.00 -5.08	11.93 -0.19 -2.55	24.50 -0.49 0.00	18.43 -0.36 -1.17	22.83 -0.71 0.00	18.33 -0.60 0.00
STA_82____115KV_TB1 80780	10.05 -0.48 0.35	3.69 -0.09 -1.97	6.87 -0.25 -0.98	7.86 -0.27 -0.82	12.82 -0.48 -0.20	15.76 -0.58 -0.07	13.50 -0.32 -1.98	19.84 -0.59 -0.25	11.53 -0.28 -1.43	19.02 -0.59 0.00	18.40 -0.49 0.00	17.83 -0.57 0.00	17.08 -0.48 0.00	8.45 -0.20 -1.56	4.64 -0.06 -2.26	4.63 -0.05 -2.31	4.51 -0.04 -2.78	9.41 -0.13 -3.66	1.78 0.02 -5.11	11.87 -0.26 -2.55	24.32 -0.67 0.00	18.31 -0.49 -1.17	22.67 -0.87 0.00	18.21 -0.72 0.00
STEEL____WIND 323596	10.78 -0.49 -0.40	4.28 -0.09 -2.56	7.17 -0.24 -1.27	8.13 -0.25 -1.07	12.90 -0.45 -0.26	15.73 -0.63 -0.09	14.09 -0.33 -2.58	19.90 -0.61 -0.32	11.97 -0.29 -1.89	19.06 -0.56 0.00	18.58 -0.31 0.00	17.99 -0.41 0.00	17.26 -0.30 0.00	8.99 -0.13 -2.03	5.34 -0.04 -2.95	5.34 -0.04 -3.01	5.36 -0.02 -3.62	10.56 -0.08 -4.75	3.27 -0.01 -6.63	12.59 -0.30 -3.32	24.25 -0.74 0.00	18.61 -0.54 -1.52	22.58 -0.97 0.00	18.18 -0.75 0.00
STEPHTWN_115KV_BK_2 55603	19.81 0.28 -8.66	21.30 0.04 -19.45	15.97 0.19 -9.64	15.57 0.18 -8.08	15.40 0.34 -1.96	17.37 0.39 -0.72	31.86 0.34 -19.67	23.17 0.58 -2.42	24.54 0.24 -13.93	19.93 0.32 0.00	19.16 0.27 0.00	18.76 0.35 0.00	17.94 0.38 0.00	23.11 0.16 -15.86	25.49 0.05 -23.00	25.88 0.05 -23.45	29.99 0.04 -28.18	43.45 0.18 -37.38	49.14 -0.10 -52.59	36.22 0.32 -26.32	25.71 0.71 -0.01	30.16 0.46 -12.07	24.14 0.59 0.00	19.31 0.38 0.00
STEBEN_REC_LFGE 323667	14.04 0.06 -3.11	5.06 0.00 -3.25	7.77 0.02 -1.61	8.73 0.06 -1.35	13.55 0.13 -0.33	16.57 0.18 -0.12	15.30 0.26 -3.21	20.95 0.36 -0.41	12.92 0.20 -2.35	19.89 0.28 0.00	19.28 0.40 0.00	18.58 0.17 0.00	17.79 0.23 0.00	9.73 0.07 -2.57	6.19 0.02 -3.73	6.21 0.02 -3.82	6.38 0.01 -4.60	12.02 0.09 -6.04	5.02 -0.08 -8.45	13.95 0.15 -4.23	25.40 0.40 0.00	19.74 0.17 -1.94	23.58 0.03 0.00	18.92 -0.01 0.00
STONY____BROOK 24151	18.43 0.97 -6.59	17.46 0.16 -15.49	14.02 0.48 -7.40	14.09 0.57 -6.20	15.65 1.06 -1.50	21.06 1.44 -3.35	28.48 1.04 -15.59	56.30 1.98 -34.13	23.58 1.05 -12.16	21.51 1.86 -0.04	20.59 1.70 0.00	20.03 1.62 0.00	19.10 1.54 0.00	20.89 0.63 -13.17	47.33 0.26 -44.64	48.54 0.26 -45.91	30.91 0.19 -28.95	38.95 0.64 -32.43	42.21 -0.35 -45.90	47.19 1.01 -36.61	33.51 2.62 -5.90	40.24 1.77 -20.84	29.59 2.39 -3.66	20.63 1.69 0.00

STURGEON_POOL_HYD 23609	18.61 0.98 -6.75	17.09 0.15 -15.13	14.09 0.45 -7.50	14.15 0.55 -6.28	15.61 0.99 -1.52	18.10 1.28 -0.56	28.02 1.01 -15.17	23.88 1.84 -1.86	22.05 1.00 -10.68	21.23 1.62 0.00	20.25 1.36 0.00	19.83 1.42 0.00	19.09 1.54 0.00	20.24 0.60 -12.55	20.86 0.21 -18.21	21.22 0.21 -18.65	24.35 0.15 -22.43	36.03 0.50 -29.65	38.24 -0.26 -41.84	31.26 0.73 -20.95	27.00 2.00 0.00	28.49 1.26 -9.60	25.14 1.59 0.00	20.11 1.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.51 0.58 -6.07	15.46 0.09 -13.56	13.13 0.26 -6.72	13.27 0.32 -5.63	15.03 0.57 -1.36	17.52 0.76 -0.50	25.98 0.58 -13.55	22.92 1.06 -1.68	20.76 0.60 -9.79	20.68 1.07 0.00	19.97 1.08 0.00	19.53 1.12 0.00	18.74 1.18 0.00	19.23 0.48 -11.66	19.53 0.17 -16.93	19.90 0.17 -17.36	22.79 0.12 -20.90	33.80 0.41 -27.50	35.16 -0.23 -38.73	29.59 0.63 -19.39	26.62 1.62 0.00	27.59 1.07 -8.89	24.87 1.32 0.00	19.91 0.98 0.00
SWANROAD_115KV_TB1 355699	10.18 -0.88 -0.19	4.02 -0.15 -2.36	6.87 -0.45 -1.17	7.80 -0.50 -0.98	12.42 -0.91 -0.24	15.13 -1.22 -0.09	13.44 -0.77 -2.37	19.07 -1.40 -0.30	11.45 -0.68 -1.75	18.32 -1.29 0.00	17.86 -1.03 0.00	17.27 -1.14 0.00	16.58 -0.98 0.00	8.56 -0.41 -1.88	5.03 -0.13 -2.72	5.03 -0.13 -2.79	5.03 -0.09 -3.35	9.97 -0.31 -4.40	2.90 0.11 -6.13	11.91 -0.74 -3.07	23.10 -1.89 0.00	17.74 -1.29 -1.41	21.57 -1.98 0.00	17.40 -1.54 0.00
SYNERGY___BIOGAS 323694	10.43 -0.35 0.09	3.91 -0.07 -2.16	7.04 -0.17 -1.07	8.05 -0.17 -0.90	13.01 -0.30 -0.22	15.96 -0.38 -0.08	13.90 -0.13 -2.18	20.27 -0.18 -0.27	12.06 0.25 -1.44	19.48 -0.13 0.00	18.26 -0.63 0.00	17.63 -0.78 0.00	16.89 -0.67 0.00	8.51 -0.26 -1.69	4.79 -0.09 -2.44	4.78 -0.08 -2.50	4.72 -0.06 -3.00	9.67 -0.16 -3.95	2.20 0.03 -5.51	11.99 -0.35 -2.76	24.17 -0.82 0.00	18.32 -0.58 -1.26	22.48 -1.08 0.00	18.04 -0.89 0.00
SYRACUSE___ENERGY_ST1 323597	11.99 -0.16 -1.28	3.48 -0.03 -1.70	6.87 -0.11 -0.84	7.90 -0.13 -0.71	13.04 -0.23 -0.17	16.08 -0.25 -0.06	13.45 -0.11 -1.71	20.17 -0.23 -0.21	11.49 -0.12 -1.24	19.34 -0.27 0.00	18.67 -0.22 0.00	18.17 -0.24 0.00	17.33 -0.23 0.00	8.34 -0.09 -1.34	4.35 -0.03 -1.94	4.33 -0.03 -1.99	4.14 -0.02 -2.39	8.99 -0.05 -3.15	1.10 0.02 -4.42	11.71 -0.07 -2.21	24.84 -0.16 0.00	18.47 -0.17 -1.01	23.20 -0.35 0.00	18.62 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	11.99 -0.16 -1.28	3.48 -0.03 -1.70	6.87 -0.11 -0.84	7.90 -0.13 -0.71	13.04 -0.23 -0.17	16.08 -0.25 -0.06	13.45 -0.11 -1.71	20.17 -0.23 -0.21	11.49 -0.12 -1.24	19.34 -0.27 0.00	18.67 -0.22 0.00	18.17 -0.24 0.00	17.33 -0.23 0.00	8.34 -0.09 -1.34	4.35 -0.03 -1.94	4.33 -0.03 -1.99	4.14 -0.02 -2.39	8.99 -0.05 -3.15	1.10 0.02 -4.42	11.71 -0.07 -2.21	24.84 -0.16 0.00	18.47 -0.17 -1.01	23.20 -0.35 0.00	18.62 -0.31 0.00
SYRACUSE___POWER 24017	11.77 -0.16 -1.06	3.52 -0.03 -1.75	6.90 -0.11 -0.87	7.92 -0.12 -0.72	13.05 -0.22 -0.18	16.09 -0.24 -0.06	13.50 -0.10 -1.76	20.19 -0.21 -0.22	11.57 -0.11 -1.30	19.36 -0.25 0.00	18.68 -0.21 0.00	18.17 -0.23 0.00	17.35 -0.21 0.00	8.39 -0.08 -1.38	4.41 -0.03 -2.00	4.39 -0.03 -2.05	4.21 -0.02 -2.46	9.08 -0.05 -3.24	1.22 0.02 -4.55	11.79 -0.06 -2.28	24.85 -0.15 0.00	18.52 -0.15 -1.04	23.23 -0.32 0.00	18.63 -0.30 0.00
TALLMAN__138KV_BK151 55660	17.80 0.63 -6.30	16.00 0.10 -14.09	13.40 0.28 -6.98	13.52 0.34 -5.85	15.13 0.62 -1.42	17.60 0.82 -0.52	26.55 0.63 -14.07	23.10 1.18 -1.75	21.21 0.68 -10.16	20.84 1.23 0.00	20.12 1.23 0.00	19.68 1.28 0.00	18.89 1.33 0.00	19.76 0.54 -12.13	20.24 0.20 -17.61	20.63 0.20 -18.07	23.66 0.14 -21.75	34.96 0.46 -28.61	36.68 -0.26 -40.28	30.44 0.70 -20.16	26.80 1.80 0.00	28.06 1.19 -9.24	25.02 1.47 0.00	20.01 1.08 0.00
TEALLAVE_115KV_TB7 355573	11.49 -0.23 -0.84	3.27 -0.04 -1.50	6.74 -0.15 -0.75	7.78 -0.17 -0.62	12.96 -0.29 -0.15	15.99 -0.33 -0.06	13.18 -0.17 -1.51	20.04 -0.33 -0.19	11.32 -0.16 -1.11	19.26 -0.35 0.00	18.59 -0.30 0.00	18.09 -0.31 0.00	17.28 -0.28 0.00	8.16 -0.11 -1.18	4.11 -0.04 -1.72	4.09 -0.04 -1.76	3.85 -0.02 -2.11	8.59 -0.08 -2.78	0.58 0.03 -3.89	11.40 -0.12 -1.95	24.70 -0.30 0.00	18.27 -0.25 -0.89	23.09 -0.46 0.00	18.53 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	10.30 -0.63 -0.06	3.97 -0.11 -2.27	6.96 -0.31 -1.12	7.92 -0.34 -0.94	12.71 -0.62 -0.23	15.53 -0.82 -0.08	13.66 -0.47 -2.28	19.58 -0.88 -0.29	11.61 -0.45 -1.69	18.77 -0.84 0.00	18.24 -0.65 0.00	17.64 -0.77 0.00	16.92 -0.63 0.00	8.63 -0.26 -1.80	4.96 -0.08 -2.61	4.96 -0.08 -2.67	4.92 -0.05 -3.21	9.92 -0.18 -4.21	2.56 0.03 -5.87	12.04 -0.47 -2.94	23.81 -1.18 0.00	18.16 -0.81 -1.35	22.20 -1.35 0.00	17.87 -1.07 0.00
TEMPLE___115KV_TB 2 55572	11.50 -0.22 -0.84	3.29 -0.04 -1.52	6.76 -0.14 -0.75	7.79 -0.16 -0.63	12.97 -0.28 -0.15	16.01 -0.32 -0.06	13.21 -0.17 -1.53	20.06 -0.31 -0.19	11.34 -0.15 -1.12	19.27 -0.34 0.00	18.61 -0.28 0.00	18.11 -0.30 0.00	17.29 -0.26 0.00	8.18 -0.11 -1.20	4.14 -0.04 -1.74	4.12 -0.03 -1.78	3.89 -0.02 -2.14	8.63 -0.07 -2.82	0.63 0.03 -3.95	11.44 -0.11 -1.98	24.71 -0.28 0.00	18.30 -0.24 -0.90	23.10 -0.45 0.00	18.54 -0.39 0.00
TIANA____69_KV_BK 1 55817	18.56 1.03 -6.67	17.48 0.17 -15.49	14.08 0.54 -7.40	14.16 0.64 -6.20	15.77 1.17 -1.50	21.17 1.55 -3.35	28.45 1.11 -15.49	56.39 2.08 -34.13	23.61 1.09 -12.15	21.56 1.90 -0.04	20.65 1.75 0.00	20.10 1.69 0.00	19.17 1.61 0.00	20.92 0.66 -13.17	47.34 0.26 -44.64	48.55 0.27 -45.91	30.92 0.20 -28.95	38.99 0.67 -32.43	42.18 -0.37 -45.90	47.29 1.10 -36.61	33.78 2.89 -5.90	40.40 1.93 -20.84	29.73 2.52 -3.66	20.72 1.79 0.00
TILDEN___115KV_TB1 80814	11.77 -0.16 -1.06	3.52 -0.03 -1.75	6.90 -0.11 -0.87	7.92 -0.12 -0.72	13.05 -0.22 -0.18	16.09 -0.24 -0.06	13.50 -0.10 -1.76	20.19 -0.21 -0.22	11.57 -0.11 -1.30	19.36 -0.25 0.00	18.68 -0.21 0.00	18.17 -0.23 0.00	17.35 -0.21 0.00	8.39 -0.08 -1.38	4.41 -0.03 -2.00	4.39 -0.03 -2.05	4.21 -0.02 -2.46	9.08 -0.05 -3.24	1.22 0.02 -4.55	11.79 -0.06 -2.28	24.85 -0.15 0.00	18.52 -0.15 -1.04	23.23 -0.32 0.00	18.63 -0.30 0.00
TRIGEN___CC 323695	18.37 0.83 -6.67	17.43 0.13 -15.49	13.94 0.40 -7.40	13.99 0.47 -6.20	15.47 0.87 -1.50	20.41 1.17 -2.97	28.20 0.87 -15.49	55.93 1.62 -34.13	23.42 0.90 -12.15	21.27 1.62 -0.04	20.49 1.60 0.00	20.01 1.60 0.00	19.15 1.60 0.00	20.91 0.65 -13.17	47.32 0.24 -44.64	48.52 0.24 -45.91	30.89 0.17 -28.95	38.87 0.55 -32.43	42.25 -0.30 -45.90	47.05 0.86 -36.61	33.12 2.23 -5.90	39.97 1.50 -20.84	29.16 1.95 -3.66	20.35 1.42 0.00
TRINITY__115KV__ 4 BK 55933	19.72 0.17 -8.67	21.33 0.03 -19.49	15.93 0.13 -9.66	15.55 0.14 -8.09	15.29 0.23 -1.96	17.23 0.25 -0.72	31.75 0.19 -19.71	22.95 0.35 -2.42	24.49 0.16 -13.96	19.80 0.19 0.00	19.05 0.16 0.00	18.64 0.23 0.00	17.81 0.25 0.00	23.09 0.11 -15.89	25.52 0.04 -23.05	25.90 0.04 -23.50	30.03 0.03 -28.23	43.44 0.10 -37.45	49.28 -0.07 -52.69	36.12 0.18 -26.37	25.44 0.44 -0.01	30.03 0.31 -12.09	23.89 0.35 0.00	19.18 0.25 0.00

UNION___PROCESSING_DRP 323587	10.04 -0.48 0.36	3.69 -0.08 -1.97	6.87 -0.25 -0.98	7.87 -0.27 -0.82	12.82 -0.48 -0.20	15.76 -0.57 -0.07	13.50 -0.32 -1.98	19.84 -0.58 -0.25	11.54 -0.27 -1.43	19.03 -0.58 0.00	18.41 -0.48 0.00	17.84 -0.57 0.00	17.08 -0.48 0.00	8.46 -0.20 -1.56	4.64 -0.06 -2.27	4.63 -0.05 -2.32	4.52 -0.04 -2.79	9.41 -0.13 -3.66	1.78 0.02 -5.11	11.87 -0.26 -2.56	24.32 -0.67 0.00	18.32 -0.48 -1.17	22.68 -0.86 0.00	18.22 -0.71 0.00
UPPER HUDSON___HYD 24058	20.25 0.33 -9.05	22.36 0.05 -20.50	16.49 0.20 -10.15	16.07 0.24 -8.51	15.60 0.44 -2.06	17.69 0.67 -0.75	32.98 0.52 -20.61	23.55 0.82 -2.55	25.56 0.37 -14.83	20.16 0.55 0.00	19.35 0.45 0.00	18.85 0.44 0.00	17.84 0.28 0.00	23.84 0.08 -16.66	26.62 0.02 -24.17	27.03 0.02 -24.64	31.39 0.02 -29.61	45.28 0.13 -39.26	51.80 -0.08 -55.23	37.48 0.26 -27.64	25.62 0.62 -0.01	30.73 0.43 -12.67	24.41 0.86 0.00	19.63 0.70 0.00
UPPER RAQUET___HYD 24056	10.41 -0.46 0.00	1.74 -0.07 0.00	5.91 -0.23 0.00	7.04 -0.28 0.00	12.64 -0.46 0.00	15.70 -0.57 0.00	11.41 -0.43 0.00	19.43 -0.75 0.00	9.93 -0.44 0.00	18.89 -0.72 0.00	18.12 -0.77 0.00	17.61 -0.79 0.00	16.75 -0.81 0.00	6.75 -0.34 0.00	2.30 -0.13 0.00	2.24 -0.12 0.00	1.68 -0.09 0.00	5.60 -0.29 0.00	-3.17 0.18 0.00	9.18 -0.39 0.00	24.04 -0.96 0.00	17.02 -0.61 0.00	22.82 -0.73 0.00	18.41 -0.53 0.00
VALLEY44_115KV_TB2 355964	12.04 0.04 -1.13	4.65 -0.01 -2.85	7.51 -0.04 -1.41	8.52 0.01 -1.18	13.46 0.07 -0.29	16.47 0.10 -0.10	14.90 0.20 -2.85	20.97 0.42 -0.37	12.72 0.21 -2.14	20.02 0.41 0.00	19.45 0.56 0.00	18.79 0.39 0.00	18.03 0.47 0.00	9.57 0.16 -2.31	5.85 0.06 -3.35	5.86 0.05 -3.43	5.93 0.04 -4.13	11.40 0.10 -5.41	4.10 -0.10 -7.54	13.40 0.05 -3.78	25.24 0.25 0.00	19.37 0.01 -1.73	23.55 0.00 0.00	19.00 0.07 0.00
VALLEY___115KV_TB 1-4 80826	10.92 -0.07 -0.12	2.01 -0.02 -0.22	6.17 -0.09 -0.11	7.31 -0.10 -0.09	12.91 -0.21 -0.02	16.05 -0.22 -0.01	11.93 -0.14 -0.22	19.87 -0.34 -0.03	10.38 -0.16 -0.17	19.24 -0.38 0.00	18.51 -0.38 0.00	18.00 -0.41 0.00	17.14 -0.42 0.00	7.11 -0.16 -0.18	2.63 -0.07 -0.26	2.57 -0.07 -0.27	2.04 -0.04 -0.32	6.18 -0.13 -0.42	-2.69 0.07 -0.59	9.74 -0.13 -0.30	24.72 -0.27 0.00	17.53 -0.24 -0.14	23.22 -0.33 0.00	18.66 -0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.11 0.54 -2.71	7.49 0.08 -5.59	9.19 0.27 -2.77	9.98 0.34 -2.32	14.27 0.61 -0.56	17.34 0.87 -0.21	18.12 0.67 -5.60	22.11 1.19 -0.74	15.30 0.62 -4.30	20.72 1.10 0.00	19.89 1.00 0.00	19.32 0.92 0.00	18.38 0.82 0.00	12.08 0.33 -4.66	9.32 0.13 -6.76	9.40 0.13 -6.91	10.17 0.09 -8.31	16.95 0.35 -10.71	11.01 -0.20 -14.56	17.46 0.59 -7.29	26.56 1.57 0.00	22.01 1.04 -3.34	24.82 1.27 0.00	19.90 0.96 0.00
VISCHER___FERRY HYD 24020	19.98 0.33 -8.78	21.74 0.05 -19.88	16.19 0.20 -9.85	15.81 0.24 -8.25	15.51 0.42 -2.00	17.51 0.52 -0.73	32.24 0.40 -19.99	23.32 0.67 -2.47	25.06 0.31 -14.38	20.05 0.44 0.00	19.24 0.36 0.00	18.82 0.42 0.00	17.97 0.41 0.00	23.46 0.18 -16.19	25.98 0.06 -23.49	26.35 0.05 -23.92	30.55 0.04 -28.74	44.21 0.16 -38.17	50.25 -0.10 -53.69	36.75 0.30 -26.88	25.71 0.71 -0.01	30.48 0.54 -12.32	24.24 0.69 0.00	19.47 0.54 0.00
V_A_10_SYNC_DSASP 323832	10.22 -0.69 -0.04	3.85 -0.12 -2.16	6.86 -0.36 -1.08	7.83 -0.39 -0.90	12.62 -0.70 -0.22	15.43 -0.92 -0.08	13.47 -0.56 -2.18	19.42 -1.03 -0.27	11.48 -0.49 -1.60	18.66 -0.96 0.00	18.15 -0.75 0.00	17.56 -0.84 0.00	16.85 -0.71 0.00	8.52 -0.29 -1.72	4.84 -0.09 -2.50	4.84 -0.09 -2.55	4.78 -0.06 -3.07	9.69 -0.23 -4.03	2.34 0.06 -5.62	11.89 -0.49 -2.81	23.70 -1.29 0.00	18.02 -0.90 -1.29	22.14 -1.41 0.00	17.83 -1.10 0.00
V_CMM_10_SYNC_DSASP 323787	10.73 -0.14 0.00	1.79 -0.02 0.00	6.09 -0.05 0.00	7.25 -0.07 0.00	13.00 -0.10 0.00	16.11 -0.15 0.00	11.69 -0.16 0.00	19.91 -0.27 0.00	10.22 -0.15 0.00	19.41 -0.20 0.00	18.66 -0.23 0.00	18.16 -0.25 0.00	17.30 -0.25 0.00	6.98 -0.11 0.00	2.39 -0.05 0.00	2.33 -0.04 0.00	1.74 -0.03 0.00	5.79 -0.10 0.00	-3.27 0.07 0.00	9.41 -0.16 0.00	24.57 -0.43 0.00	17.39 -0.24 0.00	23.32 -0.23 0.00	18.81 -0.12 0.00
V_CMP_10_SYNC_DSASP 323788	10.66 -0.22 0.00	1.78 -0.03 0.00	6.17 0.02 0.00	7.42 0.09 0.00	13.34 0.25 0.00	16.74 0.48 0.00	12.21 0.36 0.00	20.91 0.73 0.00	10.73 0.36 0.00	20.26 0.65 0.00	19.21 0.32 0.00	18.59 0.18 0.00	17.55 -0.01 0.00	7.06 -0.03 0.00	2.41 -0.02 0.00	2.36 -0.01 0.00	1.76 0.00 0.00	5.88 -0.01 0.00	-3.37 -0.03 0.00	9.81 0.23 0.00	25.73 0.74 0.00	18.23 0.60 0.00	24.55 1.00 0.00	19.93 1.00 0.00
V_E_10_SYNC_DSASP 323830	14.03 0.69 -2.47	6.23 0.10 -4.32	8.62 0.34 -2.14	9.51 0.40 -1.79	14.22 0.69 -0.43	17.38 0.96 -0.16	17.20 0.91 -4.44	23.20 2.25 -0.76	15.76 0.94 -4.45	21.00 1.39 0.00	19.98 1.09 0.00	19.30 0.90 0.00	18.21 0.65 0.00	12.01 0.17 -4.75	9.38 0.06 -6.89	9.46 0.05 -7.05	10.29 0.06 -8.47	16.01 0.29 -9.83	7.71 -0.16 -11.22	15.87 0.68 -5.62	26.88 1.89 0.00	21.37 1.17 -2.58	25.00 1.45 0.00	20.06 1.13 0.00
V_F_30_NSYNC___DSASP 323816	20.33 0.44 -9.01	22.29 0.07 -20.41	16.51 0.26 -10.11	16.10 0.31 -8.48	15.70 0.55 -2.05	17.76 0.75 -0.75	32.94 0.57 -20.53	23.66 0.95 -2.54	25.57 0.44 -14.76	20.30 0.69 0.00	19.50 0.61 0.00	19.04 0.63 0.00	18.13 0.58 0.00	23.92 0.23 -16.59	26.58 0.08 -24.07	26.98 0.08 -24.54	31.31 0.06 -29.48	45.24 0.24 -39.11	51.52 -0.15 -55.01	37.53 0.42 -27.53	26.07 1.07 -0.01	31.00 0.75 -12.62	24.58 1.03 0.00	19.73 0.80 0.00
V_F_30_SYNC_DSASP 323786	19.84 0.21 -8.76	21.53 0.03 -19.69	16.05 0.15 -9.75	15.65 0.16 -8.18	15.34 0.27 -1.98	17.28 0.29 -0.73	31.99 0.23 -19.92	23.04 0.41 -2.45	24.67 0.19 -14.11	19.87 0.25 0.00	19.13 0.23 0.00	18.71 0.30 0.00	17.89 0.33 0.00	23.27 0.14 -16.04	25.75 0.05 -23.27	26.14 0.04 -23.72	30.31 0.04 -28.50	43.82 0.12 -37.81	49.77 -0.08 -53.19	36.41 0.21 -26.63	25.53 0.53 -0.01	30.20 0.37 -12.21	23.97 0.42 0.00	19.23 0.30 0.00
V_XM_10_SYNC_DSASP 323789	10.66 -0.22 0.00	1.78 -0.03 0.00	6.17 0.02 0.00	7.42 0.09 0.00	13.34 0.25 0.00	16.74 0.48 0.00	12.21 0.36 0.00	20.91 0.73 0.00	10.73 0.36 0.00	20.26 0.65 0.00	19.21 0.32 0.00	18.59 0.18 0.00	17.55 -0.01 0.00	7.06 -0.03 0.00	2.41 -0.02 0.00	2.36 -0.01 0.00	1.76 0.00 0.00	5.88 -0.01 0.00	-3.37 -0.03 0.00	9.81 0.23 0.00	25.73 0.74 0.00	18.23 0.60 0.00	24.55 1.00 0.00	19.93 1.00 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.89 0.66 -6.35	16.12 0.10 -14.21	13.48 0.30 -7.04	13.59 0.37 -5.90	15.18 0.66 -1.43	17.66 0.87 -0.52	26.71 0.67 -14.19	23.18 1.24 -1.76	21.33 0.71 -10.24	20.90 1.29 0.00	20.19 1.30 0.00	19.74 1.34 0.00	18.95 1.39 0.00	19.88 0.57 -12.22	20.38 0.20 -17.74	20.77 0.21 -18.20	23.82 0.15 -21.91	35.19 0.48 -28.82	36.97 -0.27 -40.58	30.63 0.74 -20.31	26.89 1.89 0.00	28.19 1.25 -9.31	25.10 1.55 0.00	20.08 1.15 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.24 0.71 -6.66	16.84 0.11 -14.92	13.86 0.32 -7.39	13.90 0.39 -6.20	15.30 0.70 -1.50	17.76 0.94 -0.55	27.45 0.70 -14.91	23.36 1.33 -1.85	21.92 0.79 -10.76	21.07 1.46 0.00	20.37 1.48 0.00	19.90 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.71 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.46 0.77 -21.12	26.98 1.98 0.00	28.61 1.30 -9.68	25.19 1.64 0.00	20.14 1.21 0.00
W50THST__13_KV_LOAD 356117	18.29 0.75 -6.66	16.84 0.11 -14.92	13.88 0.34 -7.39	13.93 0.42 -6.20	15.35 0.75 -1.50	17.82 1.01 -0.55	27.50 0.75 -14.91	23.46 1.43 -1.85	21.98 0.85 -10.76	21.20 1.59 0.00	20.49 1.60 0.00	20.03 1.62 0.00	19.24 1.68 0.00	20.47 0.68 -12.71	21.12 0.24 -18.45	21.54 0.24 -18.93	24.73 0.17 -22.79	36.40 0.55 -29.97	38.55 -0.29 -42.19	31.52 0.82 -21.12	27.12 2.12 0.00	28.69 1.39 -9.68	25.31 1.76 0.00	20.22 1.29 0.00
WADING RIVER_IC_1 23522	18.32 0.85 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.05 0.54 -6.20	15.58 0.98 -1.50	20.91 1.29 -3.36	28.34 0.91 -15.59	56.02 1.71 -34.13	23.43 0.90 -12.16	21.20 1.55 -0.04	20.33 1.44 0.00	19.80 1.39 0.00	18.89 1.33 0.00	20.81 0.54 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.87 0.55 -32.43	42.25 -0.30 -45.90	47.09 0.90 -36.61	33.26 2.37 -5.90	40.06 1.58 -20.84	29.29 2.08 -3.66	20.39 1.46 0.00
WADING RIVER_IC_2 23547	18.32 0.85 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.05 0.54 -6.20	15.58 0.98 -1.50	20.91 1.29 -3.36	28.34 0.91 -15.59	56.02 1.71 -34.13	23.43 0.90 -12.16	21.20 1.55 -0.04	20.33 1.44 0.00	19.80 1.39 0.00	18.89 1.33 0.00	20.81 0.54 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.87 0.55 -32.43	42.25 -0.30 -45.90	47.09 0.90 -36.61	33.26 2.37 -5.90	40.06 1.58 -20.84	29.29 2.08 -3.66	20.39 1.46 0.00
WADING RIVER_IC_3 23601	18.32 0.85 -6.59	17.45 0.15 -15.49	14.00 0.46 -7.40	14.05 0.54 -6.20	15.58 0.98 -1.50	20.91 1.29 -3.36	28.34 0.91 -15.59	56.02 1.71 -34.13	23.43 0.90 -12.16	21.20 1.55 -0.04	20.33 1.44 0.00	19.80 1.39 0.00	18.89 1.33 0.00	20.81 0.54 -13.17	47.29 0.22 -44.64	48.50 0.22 -45.91	30.88 0.17 -28.95	38.87 0.55 -32.43	42.25 -0.30 -45.90	47.09 0.90 -36.61	33.26 2.37 -5.90	40.06 1.58 -20.84	29.29 2.08 -3.66	20.39 1.46 0.00
WALDENNY_12_KV_BK2 80841	10.73 -0.52 -0.38	4.25 -0.10 -2.54	7.14 -0.26 -1.26	8.10 -0.27 -1.05	12.87 -0.48 -0.25	15.70 -0.66 -0.09	14.04 -0.36 -2.55	19.84 -0.66 -0.32	11.96 -0.30 -1.89	19.03 -0.58 0.00	18.56 -0.33 0.00	17.97 -0.44 0.00	17.24 -0.32 0.00	8.96 -0.15 -2.01	5.32 -0.04 -2.92	5.32 -0.04 -2.99	5.34 -0.03 -3.60	10.51 -0.09 -4.71	3.22 -0.01 -6.57	12.54 -0.33 -3.29	24.17 -0.82 0.00	18.55 -0.59 -1.51	22.52 -1.03 0.00	18.13 -0.81 0.00
WALDEN__HYDRO 24148	17.87 0.70 -6.30	16.18 0.11 -14.26	13.53 0.33 -7.07	13.63 0.39 -5.92	15.23 0.70 -1.43	17.72 0.93 -0.53	26.91 0.72 -14.34	23.26 1.32 -1.77	21.36 0.71 -10.27	20.84 1.22 0.00	20.06 1.17 0.00	19.62 1.22 0.00	18.83 1.28 0.00	19.83 0.52 -12.22	20.36 0.18 -17.74	20.75 0.18 -18.19	23.80 0.14 -21.90	35.17 0.45 -28.83	37.03 -0.25 -40.62	30.65 0.73 -20.34	26.95 1.96 0.00	28.25 1.30 -9.32	25.15 1.60 0.00	20.11 1.18 0.00
WARRENSBURG____ 23737	20.25 0.33 -9.05	22.36 0.05 -20.50	16.49 0.20 -10.15	16.07 0.24 -8.51	15.60 0.44 -2.06	17.69 0.67 -0.75	32.98 0.52 -20.61	23.55 0.82 -2.55	25.56 0.37 -14.83	20.16 0.55 0.00	19.35 0.45 0.00	18.85 0.44 0.00	17.84 0.28 0.00	23.84 0.08 -16.66	26.62 0.02 -24.17	27.03 0.02 -24.64	31.39 0.02 -29.61	45.28 0.13 -39.26	51.80 -0.08 -55.23	37.48 0.26 -27.64	25.62 0.62 -0.01	30.73 0.43 -12.67	24.41 0.86 0.00	19.63 0.70 0.00
WATERSIDE____6 8 9 23538	18.25 0.71 -6.67	16.85 0.11 -14.93	13.87 0.33 -7.39	13.91 0.39 -6.20	15.30 0.70 -1.50	17.76 0.94 -0.55	27.45 0.69 -14.91	23.36 1.33 -1.85	21.92 0.78 -10.76	21.06 1.45 0.00	20.34 1.45 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.42 0.62 -12.71	21.11 0.22 -18.45	21.52 0.22 -18.93	24.72 0.16 -22.79	36.36 0.50 -29.97	38.58 -0.27 -42.19	31.45 0.75 -21.12	26.95 1.96 0.00	28.61 1.30 -9.68	25.18 1.63 0.00	20.15 1.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	10.95 -0.04 -0.12	2.02 -0.01 -0.22	6.20 -0.05 -0.11	7.35 -0.06 -0.09	13.01 -0.11 -0.02	16.15 -0.12 -0.01	12.01 -0.06 -0.22	20.05 -0.16 -0.03	10.45 -0.09 -0.17	19.38 -0.23 0.00	18.65 -0.24 0.00	18.16 -0.24 0.00	17.32 -0.24 0.00	7.18 -0.09 -0.18	2.66 -0.04 -0.26	2.60 -0.03 -0.27	2.07 -0.02 -0.32	6.24 -0.07 -0.42	-2.72 0.03 -0.59	9.81 -0.06 -0.30	24.89 -0.10 0.00	17.67 -0.10 -0.14	23.39 -0.16 0.00	18.77 -0.16 0.00
WATSON____69_KV_BK 1 55734	18.59 1.05 -6.67	17.47 0.17 -15.49	14.06 0.52 -7.40	14.13 0.61 -6.20	15.73 1.13 -1.50	21.11 1.51 -3.33	28.45 1.12 -15.49	56.39 2.09 -34.13	23.63 1.11 -12.15	21.62 1.96 -0.04	20.73 1.84 0.00	20.20 1.79 0.00	19.30 1.74 0.00	20.97 0.71 -13.17	47.35 0.27 -44.64	48.55 0.27 -45.91	30.92 0.20 -28.95	38.97 0.66 -32.43	42.19 -0.36 -45.90	47.24 1.05 -36.61	33.66 2.77 -5.90	40.36 1.89 -20.84	29.71 2.50 -3.66	20.73 1.80 0.00
WDELAWARE__HYD 323627	17.41 0.87 -5.66	14.76 0.13 -12.82	12.92 0.43 -6.35	13.17 0.53 -5.32	15.32 0.93 -1.29	17.89 1.15 -0.47	25.65 0.93 -12.87	23.36 1.62 -1.55	20.26 0.86 -9.04	21.04 1.43 0.00	20.26 1.37 0.00	19.82 1.41 0.00	19.07 1.51 0.00	17.80 0.61 -10.10	17.29 0.19 -14.67	17.57 0.19 -15.02	19.97 0.13 -18.07	30.42 0.50 -24.04	30.64 -0.27 -34.26	27.51 0.78 -17.15	27.07 2.08 0.00	26.85 1.37 -7.86	25.17 1.62 0.00	20.16 1.22 0.00
WEST BABYLON__IC 23714	18.55 1.01 -6.67	17.47 0.16 -15.49	14.04 0.50 -7.40	14.11 0.59 -6.20	15.68 1.08 -1.50	21.01 1.45 -3.30	28.41 1.08 -15.49	56.31 2.00 -34.13	23.60 1.08 -12.15	21.56 1.90 -0.04	20.69 1.81 0.00	20.17 1.76 0.00	19.28 1.72 0.00	20.97 0.71 -13.17	47.34 0.27 -44.64	48.55 0.27 -45.91	30.91 0.20 -28.95	38.95 0.63 -32.43	42.21 -0.34 -45.90	47.20 1.02 -36.61	33.56 2.67 -5.90	40.30 1.82 -20.84	29.62 2.42 -3.66	20.67 1.74 0.00
WEST CANADA__HYD 24049	10.86 -0.02 0.00	1.80 -0.01 0.00	6.12 -0.02 0.00	7.30 -0.02 0.00	13.06 -0.04 0.00	16.22 -0.05 0.00	11.83 -0.01 0.00	20.16 -0.02 0.00	10.36 -0.01 0.00	19.57 -0.04 0.00	18.85 -0.04 0.00	18.36 -0.05 0.00	17.52 -0.04 0.00	7.08 -0.01 0.00	2.43 0.00 0.00	2.36 0.00 0.00	1.76 0.00 0.00	5.88 -0.01 0.00	-3.34 0.00 0.00	9.57 0.00 0.00	24.99 0.00 0.00	17.62 -0.01 0.00	23.50 -0.05 0.00	18.88 -0.05 0.00
WESTERN_NY_WIND 24143	10.45 -0.36 0.06	3.92 -0.07 -2.18	7.05 -0.18 -1.08	8.05 -0.18 -0.91	13.01 -0.31 -0.22	15.95 -0.40 -0.08	13.90 -0.14 -2.20	20.26 -0.19 -0.28	12.08 0.27 -1.44	19.48 -0.13 0.00	18.28 -0.61 0.00	17.65 -0.75 0.00	16.91 -0.65 0.00	8.54 -0.25 -1.70	4.81 -0.08 -2.46	4.80 -0.08 -2.51	4.74 -0.05 -3.03	9.71 -0.16 -3.98	2.23 0.02 -5.55	12.01 -0.35 -2.78	24.19 -0.80 0.00	18.33 -0.57 -1.27	22.48 -1.07 0.00	18.05 -0.88 0.00

WESTOVER___LESR 323668	13.48 0.12 -2.48	6.42 0.01 -4.60	8.45 0.03 -2.28	9.28 0.05 -1.91	13.64 0.08 -0.46	16.58 0.14 -0.17	16.51 0.19 -4.48	21.06 0.28 -0.59	13.98 0.17 -3.43	19.86 0.25 0.00	19.18 0.28 0.00	18.63 0.23 0.00	17.80 0.24 0.00	10.91 0.09 -3.73	7.89 0.04 -5.41	7.94 0.03 -5.54	8.46 0.03 -6.66	14.67 0.12 -8.66	8.55 -0.05 -11.94	15.72 0.17 -5.98	25.47 0.48 0.00	20.59 0.22 -2.74	23.74 0.19 0.00	19.05 0.12 0.00
WETHRSFD_WT_PWR 323626	12.97 -0.35 -2.45	4.56 -0.07 -2.82	7.35 -0.19 -1.40	8.31 -0.19 -1.17	13.04 -0.34 -0.28	15.91 -0.46 -0.10	14.46 -0.22 -2.84	20.11 -0.43 -0.36	12.26 -0.19 -2.08	19.22 -0.39 0.00	18.69 -0.20 0.00	18.08 -0.32 0.00	17.32 -0.23 0.00	9.22 -0.11 -2.24	5.65 -0.04 -3.25	5.66 -0.04 -3.33	5.74 -0.03 -4.00	11.08 -0.06 -5.25	3.97 0.00 -7.32	13.03 -0.21 -3.66	24.49 -0.50 0.00	18.88 -0.43 -1.68	22.73 -0.81 0.00	18.29 -0.65 0.00
WHAVSTOR_138KV_BK127 55557	17.85 0.61 -6.36	16.14 0.10 -14.23	13.47 0.27 -7.05	13.57 0.34 -5.91	15.13 0.60 -1.43	17.59 0.81 -0.52	26.67 0.61 -14.22	23.09 1.15 -1.76	21.29 0.66 -10.26	20.80 1.19 0.00	20.09 1.20 0.00	19.65 1.24 0.00	18.86 1.30 0.00	19.86 0.53 -12.23	20.39 0.19 -17.77	20.79 0.19 -18.23	23.85 0.14 -21.94	35.19 0.45 -28.86	37.05 -0.25 -40.64	30.60 0.68 -20.34	26.74 1.75 0.00	28.12 1.16 -9.32	24.98 1.43 0.00	19.99 1.06 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.85 0.61 -6.36	16.14 0.10 -14.23	13.47 0.27 -7.05	13.57 0.34 -5.91	15.13 0.60 -1.43	17.59 0.81 -0.52	26.67 0.61 -14.22	23.09 1.15 -1.76	21.29 0.66 -10.26	20.80 1.19 0.00	20.09 1.20 0.00	19.65 1.24 0.00	18.86 1.30 0.00	19.86 0.53 -12.23	20.39 0.19 -17.77	20.79 0.19 -18.23	23.85 0.14 -21.94	35.19 0.45 -28.86	37.05 -0.25 -40.64	30.60 0.68 -20.34	26.74 1.75 0.00	28.12 1.16 -9.32	24.98 1.43 0.00	19.99 1.06 0.00
WHITEHAL_115KV_TB1 80871	20.43 0.46 -9.10	22.35 0.08 -20.46	16.59 0.31 -10.14	16.23 0.42 -8.50	15.90 0.74 -2.06	18.19 1.17 -0.75	33.47 0.91 -20.71	23.86 1.13 -2.55	25.61 0.50 -14.74	20.35 0.74 0.00	19.51 0.62 0.00	19.11 0.70 0.00	18.02 0.46 -16.63	23.91 0.19 -24.13	26.64 0.08 -24.60	27.03 0.07 -29.55	31.38 0.06 -39.20	45.45 0.37 -55.14	51.59 -0.20 -55.14	37.82 0.64 -27.60	26.56 1.56 -0.01	31.34 1.06 -12.65	25.02 1.47 0.00	20.15 1.22 0.00
WHITEPLN_13_KV_LOAD 356215	18.25 0.74 -6.65	16.81 0.11 -14.89	13.86 0.34 -7.37	13.91 0.41 -6.18	15.33 0.74 -1.50	17.76 0.95 -0.55	27.44 0.73 -14.87	23.35 1.33 -1.85	21.87 0.76 -10.73	20.99 1.38 0.00	20.33 1.45 0.00	19.91 1.50 0.00	19.11 1.55 0.00	20.40 0.63 -12.68	21.06 0.21 -18.41	21.47 0.21 -18.89	24.66 0.15 -22.74	36.29 0.50 -29.90	38.49 -0.27 -42.10	31.41 0.76 -21.08	26.96 1.97 0.00	28.60 1.31 -9.66	25.18 1.64 0.00	20.16 1.22 0.00
WM_FLOYD_69_KV_BK2 356380	18.51 0.97 -6.67	17.47 0.16 -15.49	14.04 0.50 -7.40	14.11 0.59 -6.20	15.68 1.08 -1.50	21.04 1.42 -3.35	28.36 1.03 -15.49	56.22 1.91 -34.13	23.52 1.00 -12.15	21.40 1.74 -0.04	20.51 1.62 0.00	19.98 1.57 0.00	19.06 1.50 0.00	20.88 0.61 -13.17	47.32 0.24 -44.64	48.53 0.25 -45.91	30.90 0.18 -28.95	38.93 0.61 -32.43	42.22 -0.33 -45.90	47.19 1.00 -36.61	33.51 2.62 -5.90	40.23 1.76 -20.84	29.54 2.33 -3.66	20.59 1.66 0.00
WOODARD__115KV_TB2 355635	11.54 -0.25 -0.92	3.29 -0.05 -1.53	6.74 -0.16 -0.76	7.77 -0.18 -0.63	12.93 -0.31 -0.15	15.96 -0.37 -0.06	13.17 -0.20 -1.53	19.99 -0.38 -0.19	11.30 -0.19 -1.12	19.21 -0.41 0.00	18.55 -0.34 0.00	18.04 -0.36 0.00	17.23 -0.33 0.00	8.16 -0.13 -1.20	4.13 -0.05 -1.74	4.11 -0.04 -1.78	3.88 -0.03 -2.15	8.62 -0.09 -2.82	0.65 0.04 -3.96	11.41 -0.15 -1.98	24.63 -0.37 0.00	18.24 -0.30 -0.91	23.03 -0.51 0.00	18.48 -0.45 0.00
YORK___WARBASSE 23770	18.29 0.75 -6.67	16.85 0.11 -14.93	13.88 0.34 -7.39	13.93 0.41 -6.20	15.33 0.74 -1.50	17.81 0.99 -0.55	27.48 0.73 -14.91	23.42 1.39 -1.85	21.96 0.82 -10.76	21.14 1.53 0.00	20.42 1.53 0.00	20.00 1.59 0.00	19.19 1.64 0.00	20.45 0.65 -12.71	21.12 0.23 -18.45	21.53 0.23 -18.93	24.73 0.17 -22.79	36.39 0.53 -29.97	38.57 -0.27 -42.19	31.49 0.79 -21.12	27.08 2.08 0.00	28.70 1.39 -9.68	25.29 1.74 0.00	20.24 1.31 0.00