

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/20/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	15.86	16.10	15.62	15.66	16.43	15.47	11.52	13.59	13.68	16.78	17.57	21.20	18.01	26.02	21.69	29.73	43.35	60.80	38.40	31.82	33.70	35.72	32.76	29.42
24138	-0.09	-0.05	0.33	0.20	-0.03	0.02	0.09	0.10	0.30	0.61	0.42	0.45	1.23	1.25	1.52	2.24	3.10	4.20	2.37	1.91	2.07	2.21	1.94	1.48
	-17.40	-17.03	-8.85	-11.35	-17.27	-15.16	-9.46	-11.53	-7.89	-5.42	-10.42	-14.73	-0.93	-9.25	-2.24	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	15.86	16.09	15.64	15.68	16.42	15.47	11.53	13.60	13.69	16.80	17.59	21.22	18.05	26.06	21.74	29.80	43.45	61.00	38.57	31.95	33.80	35.82	32.86	29.52
24260	-0.09	-0.06	0.35	0.21	-0.03	0.02	0.09	0.11	0.31	0.64	0.44	0.46	1.27	1.28	1.57	2.31	3.20	4.40	2.54	2.04	2.17	2.31	2.03	1.58
	-17.40	-17.03	-8.85	-11.35	-17.27	-15.16	-9.46	-11.53	-7.89	-5.42	-10.42	-14.73	-0.93	-9.24	-2.24	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	15.86	16.09	15.64	15.68	16.42	15.47	11.53	13.60	13.69	16.80	17.59	21.22	18.05	26.06	21.74	29.80	43.45	61.00	38.57	31.95	33.80	35.82	32.86	29.52
24261	-0.09	-0.06	0.35	0.21	-0.03	0.02	0.09	0.11	0.31	0.64	0.44	0.46	1.27	1.28	1.57	2.31	3.20	4.40	2.54	2.04	2.17	2.31	2.03	1.58
	-17.40	-17.03	-8.85	-11.35	-17.27	-15.16	-9.46	-11.53	-7.89	-5.42	-10.42	-14.73	-0.93	-9.24	-2.24	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.47	20.60	17.94	18.67	20.99	19.46	14.03	15.50	14.08	16.45	20.17	24.89	16.79	19.38	19.20	28.68	42.92	60.63	38.79	32.25	34.02	35.78	32.72	29.36
24011	-0.07	-0.04	0.32	0.21	-0.03	0.01	0.09	0.09	0.25	0.49	0.27	0.25	0.76	0.70	0.83	1.36	2.66	4.03	2.76	2.34	2.39	2.28	1.89	1.42
	-21.99	-21.53	-11.18	-14.34	-21.83	-19.17	-11.95	-13.44	-8.34	-5.21	-13.17	-18.62	-0.18	-3.16	-0.45	0.09	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ADK RESOURCE___RCVRY	20.48	20.61	18.01	18.72	21.00	19.48	14.05	15.52	14.12	16.52	20.23	24.94	16.90	19.49	19.32	28.90	43.42	61.33	39.26	32.65	34.32	36.03	32.93	29.53
23798	-0.08	-0.05	0.37	0.25	-0.03	0.02	0.11	0.11	0.28	0.55	0.32	0.29	0.87	0.81	0.95	1.59	3.16	4.73	3.23	2.73	2.69	2.52	2.11	1.59
	-22.00	-21.54	-11.19	-14.35	-21.85	-19.18	-11.96	-13.45	-8.34	-5.21	-13.18	-18.63	-0.18	-3.15	-0.45	0.09	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ADK S GLENS___FALLS	20.47	20.60	17.94	18.67	20.99	19.46	14.03	15.50	14.08	16.45	20.17	24.89	16.79	19.38	19.20	28.68	42.92	60.63	38.79	32.25	34.02	35.78	32.72	29.36
24028	-0.07	-0.04	0.32	0.21	-0.03	0.01	0.09	0.09	0.25	0.49	0.27	0.25	0.76	0.70	0.83	1.36	2.66	4.03	2.76	2.34	2.39	2.28	1.89	1.42
	-21.99	-21.53	-11.18	-14.34	-21.83	-19.17	-11.95	-13.44	-8.34	-5.21	-13.17	-18.62	-0.18	-3.16	-0.45	0.09	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ADK_NYS___DAM	19.72	19.86	17.43	18.08	20.21	18.77	13.58	15.04	13.78	16.18	19.64	24.13	16.45	19.25	18.86	27.88	41.30	58.26	37.09	30.87	32.88	34.80	31.89	28.66
23527	-0.04	-0.02	0.20	0.13	-0.03	0.00	0.07	0.07	0.19	0.35	0.21	0.14	0.39	0.37	0.42	0.66	1.05	1.66	1.06	0.95	1.25	1.29	1.07	0.72
	-21.21	-20.76	-10.79	-13.83	-21.06	-18.48	-11.53	-13.01	-8.10	-5.08	-12.70	-17.96	-0.21	-3.35	-0.52	0.19	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
AIR_PRODUCTS___DRP	19.83	19.95	17.28	18.01	20.31	18.83	13.56	14.98	13.60	15.84	19.50	24.09	16.19	18.84	18.58	27.57	40.65	57.29	36.37	30.23	32.08	33.90	31.08	27.97
24190	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.03	0.03	0.03	0.05	0.15	0.16	0.20	0.23	0.39	0.69	0.34	0.32	0.46	0.39	0.26	0.03
	-21.28	-20.83	-10.82	-13.88	-21.12	-18.55	-11.57	-13.02	-8.09	-5.06	-12.75	-18.02	-0.19	-3.16	-0.46	0.08	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
AKWESSNE_115KV_BK	-9.06	-3.77	6.07	1.49	-3.91	0.58	2.07	1.88	5.10	9.69	6.22	5.58	13.81	13.44	15.57	23.83	22.17	44.11	31.74	26.24	27.03	19.72	26.38	24.06
355683	0.15	0.10	-0.56	-0.40	0.08	-0.03	-0.11	-0.29	-0.52	-1.14	-0.73	-0.75	-2.03	-2.11	-2.36	-3.58	-5.69	-7.44	-4.30	-3.67	-4.59	-5.19	-4.44	-3.87
	7.76	2.99	-0.19	2.22	3.18	-0.32	-0.20	-0.22	-0.13	-0.08	-0.22	-0.31	0.00	-0.03	0.00	0.00	12.40	5.05	0.00	0.00	0.00	8.60	0.00	0.00
ALBANY___1	19.83	19.95	17.28	18.01	20.31	18.83	13.56	14.98	13.60	15.84	19.50	24.09	16.19	18.84	18.58	27.57	40.65	57.29	36.37	30.23	32.08	33.90	31.08	27.97
23571	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.03	0.03	0.03	0.05	0.15	0.16	0.20	0.23	0.39	0.69	0.34	0.32	0.46	0.39	0.26	0.03
	-21.28	-20.83	-10.82	-13.88	-21.12	-18.55	-11.57	-13.02	-8.09	-5.06	-12.75	-18.02	-0.19	-3.16	-0.46	0.08	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ALBANY___2	19.83	19.95	17.28	18.01	20.31	18.83	13.56	14.98	13.60	15.84	19.50	24.09	16.19	18.84	18.58	27.57	40.65	57.29	36.37	30.23	32.08	33.90	31.08	27.97
23572	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.03	0.03	0.03	0.05	0.15	0.16	0.20	0.23	0.39	0.69	0.34	0.32	0.46	0.39	0.26	0.03
	-21.28	-20.83	-10.82	-13.88	-21.12	-18.55	-11.57	-13.02	-8.09	-5.06	-12.75	-18.02	-0.19	-3.16	-0.46	0.08	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00
ALBANY___3	19.83	19.95	17.28	18.01	20.31	18.83	13.56	14.98	13.60	15.84	19.50	24.09	16.19	18.84	18.58	27.57	40.65	57.29	36.37	30.23	32.08	33.90	31.08	27.97
23573	0.00	0.00	0.01	0.01	0.00	0.00	0.01	0.00	0.03	0.03	0.03	0.05	0.15	0.16	0.20	0.23	0.39	0.69	0.34	0.32	0.46	0.39	0.26	0.03
	-21.28	-20.83	-10.82	-13.88	-21.12	-18.55	-11.57	-13.02	-8.09	-5.06	-12.75	-18.02	-0.19	-3.16	-0.46	0.08	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00

ALBANY___4 23574	19.83 0.00 -21.28	19.95 0.00 -20.83	17.28 0.01 -10.82	18.01 0.01 -13.88	20.31 0.00 -21.12	18.83 0.00 -18.55	13.56 0.01 -11.57	14.98 0.00 -13.02	13.60 0.03 -8.09	15.84 0.03 -5.06	19.50 0.03 -12.75	24.09 0.05 -18.02	16.19 0.15 -0.19	18.84 0.16 -3.16	18.58 0.20 -0.46	27.57 0.23 0.08	40.65 0.39 0.00	57.29 0.69 0.00	36.37 0.34 0.00	30.23 0.32 0.00	32.08 0.46 -0.01	33.90 0.39 0.00	31.08 0.26 0.00	27.97 0.03 0.00
ALBANY___LFGE 323615	20.02 -0.02 -21.48	20.14 -0.01 -21.03	17.45 0.08 -10.92	18.18 0.05 -14.01	20.50 -0.01 -21.32	19.01 0.01 -18.72	13.69 0.03 -11.68	15.12 0.02 -13.14	13.73 0.08 -8.16	16.00 0.14 -5.10	19.69 0.10 -12.87	24.32 0.10 -18.19	16.37 0.33 -0.19	19.03 0.33 -3.17	18.78 0.39 -0.46	27.86 0.53 0.08	41.12 0.86 0.00	57.97 1.36 0.00	36.81 0.77 0.00	30.59 0.68 0.00	32.46 0.83 -0.01	34.29 0.78 0.00	31.43 0.61 0.00	28.28 0.34 0.00
ALCOA_PA_115KV_PL-6C 55860	-9.88 0.14 8.57	-4.10 0.09 3.31	6.11 -0.53 -0.19	1.27 -0.39 2.45	-4.26 0.08 3.53	0.60 -0.02 -0.33	2.09 -0.10 -0.21	1.91 -0.28 -0.23	5.13 -0.50 -0.14	9.73 -1.10 -0.09	6.26 -0.70 -0.23	5.62 -0.72 -0.33	13.88 -1.97 0.00	13.51 -2.04 -0.03	15.63 -2.30 0.00	23.93 -3.48 0.00	22.74 -5.51 12.01	44.54 -7.18 4.89	31.91 -4.13 0.00	26.40 -3.52 0.00	27.19 -4.43 0.00	20.15 -5.03 8.33	26.51 -4.31 0.00	24.18 -3.77 0.00
ALCOA_RYNLDS___DRP 24188	-9.88 0.14 8.57	-4.10 0.09 3.31	6.11 -0.53 -0.19	1.27 -0.39 2.45	-4.26 0.08 3.53	0.60 -0.02 -0.33	2.09 -0.10 -0.21	1.91 -0.28 -0.23	5.13 -0.50 -0.14	9.73 -1.10 -0.09	6.26 -0.70 -0.23	5.62 -0.72 -0.33	13.88 -1.97 0.00	13.51 -2.04 -0.03	15.63 -2.30 0.00	23.93 -3.48 0.00	22.74 -5.51 12.01	44.54 -7.18 4.89	31.91 -4.13 0.00	26.40 -3.52 0.00	27.19 -4.43 0.00	20.15 -5.03 8.33	26.51 -4.31 0.00	24.18 -3.77 0.00
ALCOA___DSASP 323711	-9.88 0.14 8.57	-4.10 0.09 3.31	6.11 -0.53 -0.19	1.27 -0.39 2.45	-4.26 0.08 3.53	0.60 -0.02 -0.33	2.09 -0.10 -0.21	1.91 -0.28 -0.23	5.13 -0.50 -0.14	9.73 -1.10 -0.09	6.26 -0.70 -0.23	5.62 -0.72 -0.33	13.88 -1.97 0.00	13.50 -2.05 -0.03	15.63 -2.30 0.00	23.93 -3.48 0.00	22.74 -5.51 12.01	44.54 -7.17 4.89	31.90 -4.13 0.00	26.40 -3.52 0.00	27.18 -4.44 0.00	20.15 -5.03 8.33	26.51 -4.31 0.00	24.17 -3.77 0.00
ALLEGHENY___COGEN 23514	1.52 -0.06 -3.03	2.04 -0.04 -2.97	8.32 0.34 -1.54	6.32 0.23 -1.98	2.15 -0.05 -3.01	2.93 0.00 -2.64	3.72 0.09 -1.65	3.91 0.13 -1.82	6.78 0.18 -1.11	11.70 0.28 -0.68	8.68 0.14 -1.82	8.71 0.12 -2.57	16.22 0.37 0.00	16.08 0.34 -0.21	18.33 0.41 0.00	28.44 1.03 0.00	41.64 1.38 0.00	58.34 1.74 0.00	38.06 2.02 0.00	31.74 1.83 0.00	33.66 2.04 0.00	36.05 2.54 0.00	33.11 2.29 0.00	30.19 2.25 0.00
ALTAMONT_115KV_TB 2 55880	19.79 -0.02 -21.27	19.92 -0.02 -20.82	17.38 0.12 -10.82	18.07 0.08 -13.87	20.29 -0.02 -21.11	18.83 0.01 -18.53	13.59 0.04 -11.56	15.01 0.04 -13.01	13.67 0.11 -8.07	16.00 0.20 -5.05	19.60 0.14 -12.74	24.17 0.13 -18.01	16.43 0.40 -0.18	19.04 0.41 -3.11	18.85 0.48 -0.45	28.02 0.67 0.05	41.28 1.02 0.00	58.13 1.54 0.00	36.94 0.90 0.00	30.70 0.79 0.00	32.56 0.93 -0.01	34.42 0.92 0.00	31.57 0.75 0.00	28.45 0.51 0.00
ALTONA_WT_PWR 323606	-9.35 0.16 8.07	-3.88 0.10 3.11	6.03 -0.61 -0.19	1.37 -0.44 2.31	-4.03 0.10 3.31	0.58 -0.03 -0.32	2.05 -0.13 -0.20	1.87 -0.31 -0.22	5.12 -0.50 -0.14	9.81 -1.02 -0.08	6.30 -0.65 -0.23	5.67 -0.67 -0.31	14.10 -1.75 0.00	13.72 -1.83 -0.03	15.87 -2.05 0.00	24.40 -3.01 0.00	22.83 -5.17 12.25	44.66 -6.95 4.99	32.01 -4.02 0.00	26.48 -3.43 0.00	26.80 -4.81 0.00	19.47 -5.55 8.50	25.91 -4.91 0.00	23.67 -4.27 0.00
AMERICAN_REF_FUEL 24010	1.27 -0.02 -2.74	1.79 -0.01 -2.68	7.99 0.16 -1.39	6.06 0.16 -1.79	1.85 -0.05 -2.72	2.64 -0.03 -2.38	3.52 0.05 -1.49	3.70 0.10 -1.65	6.48 -0.01 -1.00	11.28 -0.08 -0.61	8.26 -0.11 -1.64	8.24 -0.10 -2.32	15.63 -0.21 0.00	15.40 -0.32 -0.19	17.45 -0.47 0.00	26.95 -0.46 0.00	39.47 -0.79 0.00	54.70 -1.90 0.00	35.11 -0.92 0.00	29.00 -0.91 0.00	30.58 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.40 0.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	1.57 -0.05 -3.06	2.08 -0.04 -3.00	8.12 0.11 -1.56	6.21 0.10 -2.00	2.20 -0.03 -3.04	2.95 -0.01 -2.67	3.66 0.01 -1.67	3.90 0.10 -1.84	6.76 0.15 -1.12	11.79 0.35 -0.68	8.76 0.19 -1.84	8.80 0.19 -2.60	16.35 0.51 0.00	16.14 0.40 -0.22	18.36 0.43 0.00	28.50 1.09 0.00	41.96 1.70 0.00	58.15 1.55 0.00	37.11 1.08 0.00	30.51 0.60 0.00	31.85 0.22 0.00	34.10 0.59 0.00	31.59 0.77 0.00	29.11 1.17 0.00
ARTHUR_KILL_GT_1 23520	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.58 0.29 -8.85	15.63 0.16 -11.35	16.43 -0.02 -17.27	15.47 0.03 -15.16	11.51 0.07 -9.46	13.57 0.08 -11.53	13.62 0.24 -7.89	16.68 0.51 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.90 1.13 -0.93	20.30 1.15 -3.63	21.58 1.41 -2.24	29.53 2.04 -0.09	41.56 2.73 1.42	60.41 3.82 0.01	38.26 2.23 0.00	31.71 1.80 0.00	33.61 1.98 0.00	35.69 2.19 0.00	32.72 1.90 0.00	29.47 1.53 0.00
ARTHUR_KILL_2 23512	15.87 -0.07 -17.40	16.10 -0.04 -17.03	15.56 0.27 -8.85	15.61 0.15 -11.35	16.44 -0.02 -17.27	15.47 0.03 -15.16	11.50 0.06 -9.46	13.57 0.08 -11.53	13.61 0.23 -7.89	16.66 0.49 -5.42	17.51 0.36 -10.42	21.14 0.39 -14.73	17.85 1.08 -0.93	20.25 1.10 -3.63	21.52 1.35 -2.24	29.43 1.94 -0.09	41.41 2.57 1.42	60.18 3.59 0.01	38.12 2.08 0.00	31.59 1.68 0.00	33.49 1.87 0.00	35.56 2.05 0.00	32.60 1.78 0.00	29.36 1.43 0.00
ARTHUR_KILL_3 23513	15.88 -0.07 -17.40	16.10 -0.04 -17.03	15.56 0.27 -8.85	15.62 0.16 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.08 -11.53	13.62 0.24 -7.89	16.65 0.48 -5.42	17.49 0.34 -10.42	21.14 0.38 -14.73	17.82 1.05 -0.93	20.23 1.07 -3.63	21.49 1.32 -2.24	29.42 1.92 -0.09	42.85 2.59 0.00	60.14 3.54 0.00	38.02 1.99 0.00	31.50 1.58 0.00	33.30 1.68 0.00	35.27 1.77 0.00	32.36 1.55 0.00	29.08 1.15 0.00
ARTHUR_KILL_COGEN 323718	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.58 0.29 -8.85	15.63 0.16 -11.35	16.43 -0.02 -17.27	15.47 0.03 -15.16	11.51 0.07 -9.46	13.57 0.08 -11.53	13.62 0.24 -7.89	16.68 0.51 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.90 1.13 -0.93	20.30 1.15 -3.63	21.58 1.41 -2.24	29.53 2.04 -0.09	41.56 2.73 1.42	60.41 3.82 0.01	38.26 2.23 0.00	31.71 1.80 0.00	33.61 1.98 0.00	35.69 2.19 0.00	32.72 1.90 0.00	29.47 1.53 0.00
ASHOKAN____ 23654	17.73 -0.03 -19.21	17.91 -0.02 -18.81	16.31 0.10 -9.77	16.71 0.06 -12.53	18.25 -0.01 -19.07	17.03 0.01 -16.74	12.46 0.03 -10.44	13.58 0.06 -11.56	12.63 0.13 -7.02	15.25 0.22 -4.28	18.35 0.12 -11.51	22.50 0.21 -16.27	16.32 0.48 0.00	17.51 0.62 -1.36	18.80 0.87 0.00	28.56 1.15 0.00	42.00 1.74 0.00	59.16 2.56 0.00	37.66 1.63 0.00	31.41 1.49 0.00	33.34 1.71 0.00	35.17 1.66 0.00	32.11 1.28 0.00	28.80 0.86 0.00

ASTORIA_EAST_ENERGY_CC1 323581	15.86 -0.09 -17.40	16.10 -0.06 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.42 -0.03 -17.27	15.47 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.56 0.41 -10.42	21.19 0.44 -14.73	17.99 1.22 -0.93	25.98 1.21 -9.24	21.62 1.45 -2.24	29.62 2.13 -0.09	43.15 2.89 0.00	60.62 4.02 0.00	38.35 2.32 0.00	31.69 1.78 0.00	33.56 1.94 0.00	35.59 2.08 0.00	32.64 1.81 0.00	29.32 1.38 0.00
ASTORIA_EAST_ENERGY_CC2 323582	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.63 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.20 0.44 -14.73	18.00 1.23 -0.93	25.99 1.22 -9.24	21.63 1.46 -2.24	29.64 2.15 -0.09	43.18 2.92 0.00	60.65 4.05 0.00	38.36 2.33 0.00	31.70 1.78 0.00	33.56 1.94 0.00	35.59 2.08 0.00	32.64 1.81 0.00	29.32 1.38 0.00
ASTORIA_GT2_1 24094	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.63 0.34 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.20 0.44 -14.73	18.00 1.23 -0.93	25.99 1.22 -9.24	21.63 1.47 -2.24	29.64 2.15 -0.09	43.18 2.92 0.00	60.65 4.05 0.00	38.36 2.33 0.00	31.70 1.79 0.00	33.58 1.95 0.00	35.60 2.10 0.00	32.66 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT2_2 24095	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.63 0.34 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.20 0.44 -14.73	18.00 1.23 -0.93	25.99 1.22 -9.24	21.63 1.47 -2.24	29.64 2.15 -0.09	43.18 2.92 0.00	60.65 4.05 0.00	38.36 2.33 0.00	31.70 1.79 0.00	33.58 1.95 0.00	35.60 2.10 0.00	32.66 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT2_3 24096	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.63 0.34 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.20 0.44 -14.73	18.00 1.23 -0.93	25.99 1.22 -9.24	21.63 1.47 -2.24	29.64 2.15 -0.09	43.18 2.92 0.00	60.65 4.05 0.00	38.36 2.33 0.00	31.70 1.79 0.00	33.58 1.95 0.00	35.60 2.10 0.00	32.66 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT2_4 24097	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.63 0.34 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.20 0.44 -14.73	18.00 1.23 -0.93	25.99 1.22 -9.24	21.63 1.47 -2.24	29.64 2.15 -0.09	43.18 2.92 0.00	60.65 4.05 0.00	38.36 2.33 0.00	31.70 1.79 0.00	33.58 1.95 0.00	35.60 2.10 0.00	32.66 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT3_1 24098	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.63 0.34 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.20 0.44 -14.73	18.00 1.23 -0.93	25.99 1.22 -9.24	21.63 1.47 -2.24	29.64 2.15 -0.09	43.18 2.92 0.00	60.65 4.05 0.00	38.36 2.33 0.00	31.70 1.79 0.00	33.58 1.95 0.00	35.60 2.10 0.00	32.66 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT3_2 24099	15.86 -0.09 -17.40	16																						

ASTORIA_GT_10 24110	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT_11 24225	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT_12 24226	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT_13 24227	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.40 0.00
ASTORIA_GT_5 24106	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.64 0.35 -8.85	15.66 0.20 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.69 0.31 -7.89	16.79 0.62 -5.42	17.58 0.43 -10.42	21.21 0.45 -14.73	18.03 1.26 -0.93	26.02 1.25 -9.24	21.67 1.51 -2.24	29.71 2.21 -0.09	43.27 3.01 0.00	60.78 4.18 0.00	38.45 2.42 0.00	31.78 1.86 0.00	33.66 2.03 0.00	35.69 2.18 0.00	32.72 1.90 0.00	29.39 1.46 0.00
ASTORIA_GT_7 24107	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.64 0.35 -8.85	15.66 0.20 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.69 0.31 -7.89	16.79 0.62 -5.42	17.58 0.43 -10.42	21.21 0.45 -14.73	18.03 1.26 -0.93	26.02 1.25 -9.24	21.67 1.51 -2.24	29.71 2.21 -0.09	43.27 3.01 0.00	60.78 4.18 0.00	38.45 2.42 0.00	31.78 1.86 0.00	33.66 2.03 0.00	35.69 2.18 0.00	32.72 1.90 0.00	29.39 1.46 0.00
ASTORIA_GT_8 24108	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.64 0.35 -8.85	15.66 0.20 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.11 -11.53	13.69 0.31 -7.89	16.79 0.62 -5.42	17.58 0.43 -10.42	21.21 0.45 -14.73	18.04 1.27 -0.93	26.02 1.25 -9.24	21.68 1.51 -2.24	29.71 2.21 -0.09	43.27 3.01 0.00	60.78 4.18 0.00	38.45 2.42 0.00	31.77 1.86 0.00	33.66 2.03 0.00	35.69 2.18 0.00	32.72 1.90 0.00	29.40 1.46 0.00
ASTORIA___2 24149	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.63 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.20 0.44 -14.73	18.00 1.23 -0.93	25.99 1.22 -9.24	21.63 1.46 -2.24	29.64 2.15 -0.09	43.18 2.92 0.00	60.65 4.05 0.00	38.36 2.33 0.00	31.70 1.79 0.00	33.58 1.96 0.00	35.61 2.10 0.00	32.66 1.83 0.00	29.34 1.40 0.00
ASTORIA___3 23516	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.33 1.39 0.00
ASTORIA___4 23517	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.09 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.40 0.00
ASTORIA___5 23518	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.39 0.00
AST_ENERGY_2_CC3 323677	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.58 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.09 -11.53	13.64 0.26 -7.89	16.69 0.53 -5.42	17.52 0.37 -10.42	21.15 0.40 -14.73	17.87 1.10 -0.93	25.89 1.12 -9.25	21.54 1.37 -2.24	29.48 1.99 -0.09	42.97 2.72 0.00	60.33 3.73 0.00	38.14 2.11 0.00	31.59 1.68 0.00	33.42 1.79 0.00	35.42 1.91 0.00	32.50 1.67 0.00	29.19 1.25 0.00
AST_ENERGY_2_CC4 323678	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.58 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.09 -11.53	13.64 0.26 -7.89	16.69 0.53 -5.42	17.52 0.37 -10.42	21.15 0.40 -14.73	17.87 1.10 -0.93	25.89 1.12 -9.25	21.54 1.37 -2.24	29.48 1.99 -0.09	42.97 2.72 0.00	60.33 3.73 0.00	38.14 2.11 0.00	31.59 1.68 0.00	33.42 1.79 0.00	35.42 1.91 0.00	32.50 1.67 0.00	29.19 1.25 0.00
ATHENS_STG_1 23668	17.59 -0.04 -19.08	17.77 -0.03 -18.67	16.31 0.17 -9.70	16.67 0.11 -12.44	18.10 -0.02 -18.94	16.92 0.01 -16.63	12.40 0.05 -10.37	13.74 0.05 -11.73	12.97 0.14 -7.34	15.66 0.29 -4.62	18.36 0.20 -11.43	22.38 0.21 -16.15	16.65 0.58 -0.22	19.39 0.59 -3.28	19.18 0.71 -0.54	28.47 1.03 -0.03	41.74 1.48 0.00	58.70 2.10 0.00	37.23 1.19 0.00	30.91 1.00 0.00	32.76 1.14 0.00	34.68 1.17 0.00	31.81 0.99 0.00	28.65 0.71 0.00
ATHENS_STG_2 23670	17.59 -0.04 -19.08	17.77 -0.03 -18.67	16.31 0.17 -9.70	16.67 0.11 -12.44	18.10 -0.02 -18.94	16.92 0.01 -16.63	12.40 0.05 -10.37	13.74 0.05 -11.73	12.97 0.14 -7.34	15.66 0.29 -4.62	18.36 0.20 -11.43	22.38 0.21 -16.15	16.65 0.58 -0.22	19.39 0.59 -3.28	19.18 0.71 -0.54	28.47 1.03 -0.03	41.74 1.48 0.00	58.70 2.10 0.00	37.23 1.19 0.00	30.91 1.00 0.00	32.76 1.14 0.00	34.68 1.17 0.00	31.81 0.99 0.00	28.65 0.71 0.00

ATHENS_STG_3 23677	17.59 -0.04 -19.08	17.77 -0.03 -18.67	16.31 0.17 -9.70	16.67 0.11 -12.44	18.10 -0.02 -18.94	16.92 0.01 -16.63	12.40 0.05 -10.37	13.74 0.05 -11.73	12.97 0.14 -7.34	15.66 0.29 -4.62	18.36 0.20 -11.43	22.38 0.21 -16.15	16.65 0.58 -0.22	19.39 0.59 -3.28	19.18 0.71 -0.54	28.47 1.03 -0.03	41.74 1.48 0.00	58.70 2.10 0.00	37.23 1.19 0.00	30.91 1.00 0.00	32.76 1.14 0.00	34.68 1.17 0.00	31.81 0.99 0.00	28.65 0.71 0.00
AUBURN___LFGE 323710	0.80 -0.02 -2.27	1.33 -0.02 -2.22	7.73 0.13 -1.15	5.69 0.09 -1.48	1.43 -0.02 -2.25	2.27 0.01 -1.98	3.25 0.03 -1.23	3.38 0.05 -1.37	6.44 0.12 -0.83	11.48 0.22 -0.51	8.20 0.12 -1.36	8.04 0.10 -1.92	16.07 0.22 0.00	15.94 0.26 -0.16	18.19 0.26 0.00	27.92 0.51 0.00	40.89 0.64 0.00	57.70 1.10 0.00	36.94 0.90 0.00	30.59 0.67 0.00	32.26 0.63 0.00	34.36 0.85 0.00	31.58 0.76 0.00	28.77 0.83 0.00
BABYLON_RES_REC 323704	16.11 -0.11 -17.67	18.65 -0.07 -19.60	15.72 0.43 -8.85	15.72 0.25 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.61 0.13 -11.52	13.74 0.37 -7.88	18.05 0.74 -6.56	30.99 0.49 -23.77	27.01 0.51 -20.49	29.74 1.37 -12.52	36.11 1.37 -19.22	52.99 1.62 -33.44	37.46 2.48 -7.57	43.77 3.51 0.00	61.56 4.96 0.00	39.24 3.06 -0.15	32.29 2.37 0.00	34.18 2.55 0.00	36.23 2.72 0.00	33.34 2.52 0.00	29.97 2.03 0.00
BABYLON__69_KV_BK2 356345	16.09 -0.13 -17.67	18.63 -0.08 -19.59	15.81 0.51 -8.85	15.77 0.31 -11.35	16.41 -0.06 -17.27	15.49 0.03 -15.16	11.58 0.14 -9.46	13.64 0.16 -11.52	13.81 0.44 -7.88	18.20 0.90 -6.56	31.09 0.60 -23.77	27.12 0.61 -20.49	30.01 1.64 -12.52	36.38 1.63 -19.22	53.31 1.94 -33.44	37.92 2.94 -7.56	44.40 4.14 0.00	62.46 5.86 0.00	39.82 3.63 -0.15	32.74 2.83 0.00	34.72 3.09 0.00	36.77 3.27 0.00	33.83 3.01 0.00	30.39 2.45 0.00
BARON_WINDS___WT_PWR 323822	2.40 -0.01 -3.85	2.88 -0.01 -3.77	8.46 0.06 -1.96	6.68 0.06 -2.51	3.00 -0.01 -3.82	3.64 0.00 -3.36	4.07 0.00 -2.09	4.33 0.06 -2.32	6.97 0.08 -1.41	11.84 0.23 -0.86	9.14 0.11 -2.31	9.38 0.10 -3.26	16.16 0.31 0.00	16.08 0.29 -0.27	18.23 0.31 0.00	28.15 0.74 0.00	41.30 1.05 0.00	57.60 0.99 0.00	36.76 0.72 0.00	30.42 0.50 0.00	32.15 0.52 0.00	34.43 0.93 0.00	31.73 0.91 0.00	28.82 0.88 0.00
BARRETT_IC_1 23704	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_10 23701	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_11 23702	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_12 23703	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_2 23705	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_3 23706	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_4 23707	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_5 23708	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_6 23709	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.56	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_7 23710	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.68 1.31 -33.44	36.94 1.97 -7.56	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.56 2.05 0.00	32.89 2.06 0.00	29.58 1.64 0.00

BARRETT_IC_8 23711	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT_IC_9 23700	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT___1 23545	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BARRETT___2 23546	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.65 0.28 -7.88	17.88 0.58 -6.56	30.89 0.39 -23.77	26.90 0.40 -20.49	29.45 1.08 -12.52	35.83 1.08 -19.22	52.67 1.31 -33.44	36.94 1.97 -7.57	43.02 2.76 0.00	60.44 3.84 0.00	38.43 2.25 -0.15	31.64 1.73 0.00	33.48 1.85 0.00	35.57 2.06 0.00	32.89 2.06 0.00	29.58 1.64 0.00
BATAVIA___115KV_TB1 55881	1.01 -0.07 -2.52	1.55 -0.04 -2.47	8.07 0.35 -1.28	6.02 0.26 -1.64	1.62 -0.07 -2.50	2.47 -0.01 -2.19	3.45 0.10 -1.37	3.62 0.14 -1.51	6.58 0.17 -0.92	11.57 0.25 -0.56	8.33 0.10 -1.51	8.25 0.09 -2.13	16.34 0.49 0.00	16.03 0.32 -0.18	18.16 0.24 0.00	28.14 0.73 0.00	41.32 1.07 0.00	57.66 1.06 0.00	37.23 1.20 0.00	30.73 0.82 0.00	32.41 0.78 0.00	34.88 1.38 0.00	32.14 1.32 0.00	29.61 1.67 0.00
BAYONEEC___CTG1 323682	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG10 323750	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG2 323683	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG3 323684	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG4 323685	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG5 323686	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG6 323687	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG7 323688	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG8 323689	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00
BAYONEEC___CTG9 323749	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.53 -5.42	17.52 0.37 -10.42	21.16 0.40 -14.73	17.89 1.12 -0.93	25.91 1.13 -9.25	21.56 1.39 -2.24	29.52 2.02 -0.09	42.99 2.74 0.00	60.35 3.75 0.00	38.16 2.13 0.00	31.61 1.70 0.00	33.44 1.81 0.00	35.44 1.93 0.00	32.52 1.70 0.00	29.22 1.28 0.00

BEACON___LESR 323632	19.79 -0.02 -21.26	19.92 -0.01 -20.81	17.35 0.09 -10.81	18.05 0.07 -13.87	20.28 -0.01 -21.10	18.82 0.01 -18.53	13.58 0.05 -11.56	15.00 0.03 -13.01	13.68 0.11 -8.08	15.99 0.19 -5.06	19.59 0.13 -12.73	24.15 0.13 -18.00	16.45 0.42 -0.19	19.15 0.47 -3.16	18.92 0.53 -0.46	28.11 0.78 0.08	41.45 1.19 0.00	58.40 1.80 0.00	37.10 1.06 0.00	30.86 0.95 0.00	32.70 1.07 -0.01	34.51 1.00 0.00	31.63 0.81 0.00	28.40 0.46 0.00
BEAVER RIVER___HYD 24048	-27.12 0.12 25.79	-10.97 0.08 10.17	6.38 -0.46 -0.40	-3.72 -0.33 7.51	-11.55 0.07 10.81	0.96 -0.01 -0.69	2.27 -0.14 -0.43	2.29 -0.14 -0.47	5.52 -0.25 -0.29	10.44 -0.48 -0.17	6.92 -0.28 -0.47	6.38 -0.30 -0.66	14.81 -1.04 0.00	14.36 -1.22 -0.06	16.53 -1.39 0.00	25.30 -2.10 0.00	33.85 -2.73 3.68	52.25 -2.86 1.50	34.69 -1.34 0.00	28.98 -0.93 0.00	30.27 -1.35 0.00	28.86 -2.10 2.55	28.77 -2.05 0.00	26.01 -1.93 0.00
BEEBEE_GT_13 23619	0.69 -0.04 -2.17	1.23 -0.02 -2.13	7.74 0.19 -1.11	5.67 0.14 -1.42	1.31 -0.03 -2.16	2.17 -0.01 -1.89	3.21 0.04 -1.18	3.33 0.07 -1.31	6.36 0.08 -0.79	11.35 0.11 -0.48	8.07 0.04 -1.30	7.89 0.03 -1.84	15.94 0.10 0.00	15.77 0.10 -0.15	18.04 0.12 0.00	27.83 0.42 0.00	40.88 0.62 0.00	57.13 0.53 0.00	36.66 0.62 0.00	30.29 0.37 0.00	31.92 0.30 0.00	34.17 0.66 0.00	31.48 0.66 0.00	28.84 0.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.85 -0.09 -17.40	16.09 -0.06 -17.03	15.66 0.36 -8.85	15.68 0.21 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.60 0.11 -11.53	13.70 0.32 -7.89	16.83 0.66 -5.42	17.62 0.46 -10.42	21.24 0.49 -14.73	18.12 1.35 -0.93	26.13 1.36 -9.24	21.82 1.65 -2.24	29.93 2.43 -0.09	43.60 3.34 0.00	61.20 4.59 0.00	38.72 2.69 0.00	32.07 2.16 0.00	33.99 2.37 0.00	36.08 2.57 0.00	33.08 2.26 0.00	29.73 1.79 0.00
BETHLEHEM___GRP 23843	19.83 0.00 -21.28	19.95 0.00 -20.83	17.28 0.01 -10.82	18.01 0.01 -13.88	20.31 0.00 -21.12	18.83 0.00 -18.55	13.56 0.01 -11.57	14.98 0.00 -13.02	13.60 0.03 -8.09	15.84 0.03 -5.06	19.50 0.03 -12.75	24.09 0.05 -18.02	16.19 0.15 -0.19	18.84 0.16 -3.16	18.58 0.20 -0.46	27.57 0.23 0.08	40.65 0.39 0.00	57.29 0.69 0.00	36.37 0.34 0.00	30.23 0.32 0.00	32.08 0.46 -0.01	33.90 0.39 0.00	31.08 0.26 0.00	27.97 0.03 0.00
BETHLEHEM___GS1 323560	19.83 0.00 -21.28	19.95 0.00 -20.83	17.28 0.01 -10.82	18.01 0.01 -13.88	20.31 0.00 -21.12	18.83 0.00 -18.55	13.56 0.01 -11.57	14.98 0.00 -13.02	13.60 0.03 -8.09	15.84 0.03 -5.06	19.50 0.03 -12.75	24.09 0.05 -18.02	16.19 0.15 -0.19	18.84 0.16 -3.16	18.58 0.20 -0.46	27.57 0.23 0.08	40.65 0.39 0.00	57.29 0.69 0.00	36.37 0.34 0.00	30.23 0.32 0.00	32.09 0.46 -0.01	33.90 0.39 0.00	31.08 0.26 0.00	27.97 0.03 0.00
BETHLEHEM___GS2 323561	19.83 0.00 -21.28	19.95 0.00 -20.83	17.28 0.01 -10.82	18.01 0.01 -13.88	20.31 0.00 -21.12	18.83 0.00 -18.55	13.56 0.01 -11.57	14.98 0.00 -13.02	13.60 0.03 -8.09	15.84 0.03 -5.06	19.50 0.03 -12.75	24.09 0.05 -18.02	16.19 0.15 -0.19	18.84 0.16 -3.16	18.58 0.20 -0.46	27.57 0.23 0.08	40.65 0.39 0.00	57.29 0.69 0.00	36.37 0.34 0.00	30.23 0.32 0.00	32.09 0.46 -0.01	33.90 0.39 0.00	31.08 0.26 0.00	27.97 0.03 0.00
BETHLEHEM___GS3 323562	19.83 0.00 -21.28	19.95 0.00 -20.83	17.28 0.01 -10.82	18.01 0.01 -13.88	20.31 0.00 -21.12	18.83 0.00 -18.55	13.56 0.01 -11.57	14.98 0.00 -13.02	13.60 0.03 -8.09	15.84 0.03 -5.06	19.50 0.03 -12.75	24.09 0.05 -18.02	16.19 0.15 -0.19	18.84 0.16 -3.16	18.58 0.20 -0.46	27.57 0.23 0.08	40.65 0.39 0.00	57.29 0.69 0.00	36.37 0.34 0.00	30.23 0.32 0.00	32.09 0.46 -0.01	33.90 0.39 0.00	31.08 0.26 0.00	27.97 0.03 0.00
BETHLEHEM___STEEL 23779	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.21 0.27 -1.50	6.24 0.21 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.56	3.65 0.07 -1.60	3.84 0.12 -1.77	6.70 0.14 -1.08	11.66 0.26 -0.65	8.60 0.11 -1.76	8.61 0.10 -2.49	16.17 0.32 0.00	15.98 0.25 -0.21	18.15 0.22 0.00	28.08 0.67 0.00	41.17 0.91 0.00	57.13 0.53 0.00	36.56 0.52 0.00	30.16 0.24 0.00	31.78 0.16 0.00	34.28 0.77 0.00	31.66 0.84 0.00	29.15 1.21 0.00
BETHLHEM_115KV_TB1 79974	19.81 -0.01 -21.26	19.93 -0.01 -20.81	17.30 0.04 -10.81	18.01 0.03 -13.87	20.29 0.00 -21.11	18.82 0.00 -18.53	13.56 0.02 -11.56	14.98 0.01 -13.01	13.61 0.04 -8.08	15.88 0.07 -5.06	19.52 0.05 -12.74	24.09 0.07 -18.01	16.24 0.21 -0.19	18.89 0.21 -3.15	18.65 0.27 -0.46	27.66 0.33 0.07	40.79 0.53 0.00	57.47 0.87 0.00	36.48 0.45 0.00	30.33 0.42 0.00	32.18 0.55 -0.01	34.01 0.50 0.00	31.18 0.36 0.00	28.07 0.13 0.00
BETHPAGE_CC_5 323564	16.12 -0.10 -17.67	18.65 -0.07 -19.60	15.69 0.40 -8.85	15.70 0.24 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.60 0.12 -11.52	13.72 0.35 -7.88	18.02 0.71 -6.56	30.98 0.48 -23.77	27.01 0.50 -20.49	29.72 1.35 -12.52	36.08 1.33 -19.22	52.95 1.58 -33.44	37.38 2.41 -7.57	43.63 3.37 0.00	61.31 4.71 0.00	39.04 2.86 -0.15	32.12 2.21 0.00	34.00 2.37 0.00	36.04 2.54 0.00	33.17 2.35 0.00	29.85 1.91 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	1.48 -0.05 -2.98	2.00 -0.03 -2.92	8.25 0.29 -1.52	6.27 0.22 -1.94	2.09 -0.05 -2.96	2.87 -0.01 -2.59	3.67 0.07 -1.62	3.87 0.12 -1.79	6.74 0.16 -1.09	11.71 0.30 -0.67	8.65 0.14 -1.78	8.67 0.13 -2.52	16.24 0.39 0.00	16.05 0.32 -0.21	18.24 0.31 0.00	28.23 0.82 0.00	41.38 1.13 0.00	57.43 0.83 0.00	36.74 0.70 0.00	30.30 0.39 0.00	31.94 0.31 0.00	34.42 0.92 0.00	31.79 0.96 0.00	29.26 1.32 0.00
BINGHAMTON___COGEN 23790	4.08 -0.02 -5.55	4.54 -0.02 -5.43	9.38 0.11 -2.82	7.81 0.08 -3.62	4.69 -0.01 -5.51	5.13 0.01 -4.84	5.03 0.03 -3.02	5.35 0.05 -3.34	7.62 0.10 -2.03	12.20 0.21 -1.24	10.18 0.12 -3.33	10.84 0.12 -4.70	16.17 0.33 0.00	16.25 0.34 -0.39	18.33 0.40 0.00	28.14 0.73 0.00	41.30 1.05 0.00	57.82 1.22 0.00	36.81 0.78 0.00	30.50 0.59 0.00	32.21 0.59 0.00	34.28 0.78 0.00	31.52 0.70 0.00	28.59 0.65 0.00
BIXINCNT_115KV_LOAD 355685	1.67 -0.04 -3.15	2.19 -0.02 -3.09	8.29 0.24 -1.61	6.37 0.19 -2.06	2.28 -0.04 -3.13	3.03 -0.01 -2.75	3.75 0.05 -1.71	3.98 0.12 -1.90	6.84 0.20 -1.15	11.87 0.41 -0.70	8.81 0.20 -1.89	8.87 0.18 -2.67	16.36 0.51 0.00	16.17 0.42 -0.22	18.37 0.44 0.00	28.50 1.10 0.00	41.75 1.49 0.00	58.03 1.42 0.00	37.04 1.00 0.00	30.59 0.68 0.00	32.22 0.60 0.00	34.58 1.07 0.00	31.87 1.05 0.00	29.22 1.28 0.00
BLACK RIVER___HYD 24047	-18.59 0.09 17.24	-7.34 0.06 6.52	6.60 -0.36 -0.52	-0.98 -0.25 4.84	-7.71 0.05 6.95	1.17 0.00 -0.89	2.42 -0.11 -0.55	2.48 -0.09 -0.61	5.71 -0.15 -0.37	10.72 -0.26 -0.23	7.21 -0.13 -0.61	6.69 -0.19 -0.86	15.02 -0.83 0.00	14.56 -1.03 -0.07	16.73 -1.19 0.00	25.61 -1.80 0.00	35.66 -2.04 2.56	53.97 -1.59 1.04	35.50 -0.54 0.00	29.78 -0.13 0.00	31.17 -0.45 0.00	30.54 -1.19 1.78	29.55 -1.27 0.00	26.67 -1.27 0.00

BLACKRVR_115KV_TB2 79977	-18.59 0.09 17.24	-7.34 0.06 6.52	6.60 -0.36 -0.52	-0.98 -0.25 4.84	-7.71 0.05 6.95	1.17 0.00 -0.89	2.42 -0.11 -0.55	2.48 -0.09 -0.61	5.71 -0.15 -0.37	10.72 -0.26 -0.23	7.21 -0.13 -0.61	6.69 -0.19 -0.86	15.02 -0.83 0.00	14.56 -1.03 -0.07	16.73 -1.20 0.00	25.61 -1.80 0.00	35.66 -2.04 2.56	53.97 -1.59 1.04	35.50 -0.54 0.00	29.78 -0.13 0.00	31.17 -0.46 0.00	30.54 -1.19 1.78	29.55 -1.27 0.00	26.67 -1.27 0.00
BLISS_WT_PWR 323608	1.68 -0.03 -3.15	2.20 -0.01 -3.09	8.27 0.22 -1.61	6.35 0.18 -2.06	2.28 -0.04 -3.13	3.03 -0.01 -2.75	3.74 0.05 -1.71	3.98 0.12 -1.90	6.84 0.19 -1.15	11.86 0.40 -0.70	8.81 0.19 -1.89	8.86 0.17 -2.67	16.34 0.49 0.00	16.15 0.40 -0.22	18.34 0.41 0.00	28.47 1.06 0.00	41.70 1.45 0.00	57.98 1.38 0.00	37.00 0.97 0.00	30.56 0.65 0.00	32.20 0.58 0.00	34.53 1.02 0.00	31.81 0.99 0.00	29.16 1.22 0.00
BLUE_CIRC_CHEM_DRP 24182	19.45 -0.03 -20.92	19.59 -0.02 -20.48	17.21 0.13 -10.64	17.85 0.08 -13.65	19.94 -0.02 -20.77	18.53 0.00 -18.23	13.40 0.05 -11.37	14.79 0.04 -12.79	13.53 0.12 -7.93	15.92 0.22 -4.95	19.40 0.14 -12.54	23.88 0.14 -17.72	16.41 0.39 -0.17	18.90 0.41 -2.97	18.83 0.48 -0.42	28.01 0.66 0.05	41.28 1.02 0.00	58.11 1.51 0.00	36.92 0.88 0.00	30.71 0.79 0.00	32.58 0.95 -0.01	34.44 0.93 0.00	31.57 0.75 0.00	28.46 0.52 0.00
BOC_GAS_DRP 24189	19.71 -0.02 -21.18	19.84 -0.02 -20.73	17.31 0.10 -10.77	17.99 0.06 -13.82	20.20 -0.01 -21.02	18.75 0.00 -18.46	13.53 0.04 -11.51	14.94 0.03 -12.96	13.62 0.09 -8.04	15.95 0.17 -5.03	19.53 0.12 -12.69	24.08 0.12 -17.94	16.38 0.35 -0.19	18.99 0.36 -3.11	18.81 0.43 -0.45	27.95 0.60 0.05	41.15 0.89 0.00	57.91 1.30 0.00	36.74 0.71 0.00	30.55 0.64 0.00	32.40 0.77 -0.01	34.26 0.75 0.00	31.43 0.61 0.00	28.32 0.38 0.00
BOONVILLE_115KV_TB1 79983	10.20 0.03 -11.62	4.30 0.02 -5.16	6.66 -0.12 -0.34	7.76 -0.09 -3.73	4.64 0.02 -5.43	0.86 0.00 -0.57	2.30 -0.04 -0.36	2.33 -0.03 -0.40	5.70 -0.02 -0.24	10.87 -0.03 -0.15	7.11 -0.01 -0.39	6.56 -0.02 -0.56	15.66 -0.18 0.00	15.29 -0.28 -0.05	17.62 -0.31 0.00	26.99 -0.42 0.00	38.56 -0.41 1.28	55.93 -0.15 0.52	36.24 0.20 0.00	30.16 0.24 0.00	31.73 0.11 0.00	32.40 -0.22 0.88	30.51 -0.31 0.00	27.60 -0.34 0.00
BORALEX_4TH_BRANCH 23824	19.72 -0.04 -21.21	19.86 -0.02 -20.76	17.43 0.20 -10.79	18.08 0.13 -13.83	20.21 -0.03 -21.06	18.77 0.00 -18.48	13.58 0.07 -11.53	15.04 0.07 -13.01	13.78 0.19 -8.10	16.18 0.35 -5.08	19.64 0.21 -12.70	24.13 0.14 -17.96	16.45 0.39 -0.21	19.25 0.37 -3.35	18.86 0.42 -0.52	27.88 0.66 0.19	41.30 1.05 0.00	58.26 1.66 0.00	37.09 1.06 0.00	30.87 0.95 0.00	32.88 1.25 -0.01	34.80 1.29 0.00	31.89 1.07 0.00	28.66 0.72 0.00
BOWLINE___1 23526	15.37 -0.06 -16.88	15.61 -0.04 -16.52	15.25 0.22 -8.58	15.26 0.13 -11.01	15.92 -0.02 -16.76	15.01 0.01 -14.71	11.21 0.05 -9.18	10.49 0.06 -8.47	9.40 0.19 -3.72	12.46 0.39 -1.31	17.13 0.29 -10.11	20.63 0.32 -14.29	15.24 0.86 1.47	4.86 0.87 11.53	15.44 1.07 3.56	29.05 1.56 -0.08	42.42 2.17 0.00	59.61 3.01 0.00	37.75 1.72 0.00	31.27 1.36 0.00	33.06 1.44 0.00	35.05 1.54 0.00	32.14 1.32 0.00	28.84 0.90 0.00
BOWLINE___2 23595	15.37 -0.06 -16.88	15.61 -0.04 -16.52	15.25 0.22 -8.58	15.26 0.13 -11.01	15.92 -0.02 -16.76	15.01 0.01 -14.71	11.21 0.05 -9.18	10.49 0.06 -8.47	9.40 0.19 -3.72	12.46 0.40 -1.31	17.13 0.29 -10.11	20.63 0.32 -14.29	15.24 0.86 1.47	4.85 0.87 11.55	15.43 1.07 3.56	29.04 1.55 -0.08	42.38 2.13 0.00	59.56 2.96 0.00	37.73 1.69 0.00	31.25 1.34 0.00	33.04 1.41 0.00	35.06 1.56 0.00	32.18 1.36 0.00	28.90 0.96 0.00
BRADY___115KV_TB2 356060	-11.33 0.14 10.02	-4.67 0.09 3.89	6.15 -0.51 -0.21	0.85 -0.39 2.88	-4.87 0.08 4.14	0.63 -0.02 -0.36	2.11 -0.10 -0.23	1.93 -0.28 -0.25	5.16 -0.48 -0.15	9.76 -1.08 -0.09	6.30 -0.68 -0.25	5.67 -0.71 -0.35	13.92 -1.92 0.00	13.55 -2.01 -0.03	15.66 -2.27 0.00	23.99 -3.42 0.00	23.55 -5.40 11.31	45.07 -6.93 4.60	32.08 -3.95 0.00	26.63 -3.28 0.00	27.43 -4.18 0.00	20.86 -4.80 7.84	26.67 -4.15 0.00	24.30 -3.64 0.00
BRANSCOMB___SOLAR 323811	20.35 -0.06 -21.86	20.48 -0.03 -21.40	17.80 0.25 -11.12	18.54 0.16 -14.26	20.86 -0.03 -21.70	19.34 0.01 -19.05	13.94 0.08 -11.88	15.40 0.07 -13.37	13.98 0.19 -8.30	16.30 0.36 -5.18	20.03 0.21 -13.09	24.72 0.19 -18.51	16.61 0.58 -0.19	19.24 0.54 -3.18	19.02 0.64 -0.46	28.34 1.04 0.10	42.14 1.88 0.00	59.52 2.92 0.00	38.00 1.97 0.00	31.60 1.69 0.00	33.47 1.84 -0.01	35.28 1.78 0.00	32.30 1.48 0.00	29.03 1.09 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	16.10 -0.12 -17.67	18.64 -0.08 -19.59	15.78 0.48 -8.85	15.75 0.29 -11.35	16.41 -0.06 -17.27	15.49 0.03 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.79 0.42 -7.88	18.15 0.85 -6.56	31.05 0.56 -23.77	27.07 0.57 -20.49	29.89 1.52 -12.52	36.25 1.50 -19.22	53.14 1.77 -33.44	37.57 2.60 -7.56	43.79 3.53 0.00	61.58 4.97 0.00	39.27 3.08 -0.15	32.33 2.41 0.00	34.38 2.75 0.00	36.44 2.94 0.00	33.54 2.72 0.00	30.16 2.22 0.00
BRISTLHL_115KV_TB1 79998	-1.45 0.01 0.02	-0.04 0.01 -0.84	7.15 -0.05 -0.75	4.60 -0.03 -0.51	0.01 0.00 -0.82	1.58 0.00 -1.29	2.77 -0.01 -0.80	2.85 0.00 -0.89	5.99 -0.04 -0.54	11.00 -0.08 -0.33	7.55 -0.06 -0.89	7.19 -0.09 -1.26	15.60 -0.25 0.00	15.37 -0.26 -0.10	17.64 -0.28 0.00	27.00 -0.40 0.00	39.34 -0.61 0.31	55.74 -0.74 0.13	35.65 -0.38 0.00	29.62 -0.29 0.00	31.30 -0.32 0.00	32.98 -0.31 0.22	30.58 -0.24 0.00	27.87 -0.07 0.00
BROOKHAVEN___DRP 24191	16.09 -0.13 -17.67	18.63 -0.08 -19.59	15.79 0.50 -8.85	15.77 0.30 -11.35	16.41 -0.06 -17.27	15.48 0.04 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.44 -7.88	18.19 0.88 -6.56	31.07 0.57 -23.77	27.09 0.58 -20.49	29.92 1.55 -12.52	36.29 1.54 -19.22	53.21 1.84 -33.44	37.76 2.79 -7.56	44.17 3.92 0.00	62.15 5.55 0.00	39.65 3.46 -0.15	32.59 2.68 0.00	34.46 2.83 0.00	36.50 2.99 0.00	33.64 2.82 0.00	30.25 2.31 0.00
BROOKLYN_NAVY_YARD 23515	15.87 -0.07 -17.40	16.10 -0.05 -17.03	15.58 0.28 -8.85	15.63 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.09 -11.53	13.64 0.26 -7.89	16.69 0.52 -5.42	17.51 0.37 -10.42	21.15 0.40 -14.73	17.87 1.10 -0.93	25.89 1.12 -9.25	21.53 1.36 -2.24	29.46 1.97 -0.09	42.96 2.71 0.00	60.34 3.74 0.00	38.16 2.12 0.00	31.59 1.68 0.00	33.42 1.79 0.00	35.43 1.92 0.00	32.52 1.70 0.00	29.21 1.27 0.00
BROOKLYN___ARMY_DRP 323595	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00

BROOKVLE_69_KV_TB1 55790	16.12 -0.10 -17.67	18.65 -0.06 -19.59	15.67 0.38 -8.85	15.69 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.02 -15.16	11.54 0.10 -9.46	13.60 0.11 -11.52	13.70 0.34 -7.88	17.99 0.68 -6.56	30.97 0.47 -23.77	27.00 0.49 -20.49	29.70 1.33 -12.52	36.10 1.36 -19.22	53.00 1.63 -33.44	37.35 2.37 -7.56	43.61 3.35 0.00	61.30 4.69 0.00	38.96 2.78 -0.15	32.08 2.17 0.00	33.95 2.33 0.00	36.06 2.55 0.00	33.10 2.28 0.00	29.75 1.81 0.00
BROOME_2_LFGE 323671	4.08 -0.02 -5.55	4.54 -0.02 -5.43	9.38 0.11 -2.82	7.81 0.08 -3.62	4.69 -0.01 -5.51	5.13 0.01 -4.84	5.03 0.03 -3.02	5.35 0.05 -3.34	7.62 0.10 -2.03	12.20 0.21 -1.24	10.17 0.12 -3.33	10.84 0.12 -4.70	16.17 0.33 0.00	16.25 0.34 -0.39	18.32 0.40 0.00	28.14 0.73 0.00	41.30 1.04 0.00	57.82 1.22 0.00	36.81 0.78 0.00	30.50 0.59 0.00	32.21 0.59 0.00	34.27 0.77 0.00	31.52 0.70 0.00	28.58 0.65 0.00
BROOME___LFGE 323600	4.08 -0.02 -5.55	4.54 -0.02 -5.43	9.38 0.11 -2.82	7.81 0.08 -3.62	4.69 -0.01 -5.51	5.13 0.01 -4.84	5.03 0.03 -3.02	5.35 0.05 -3.34	7.62 0.10 -2.03	12.20 0.21 -1.24	10.17 0.12 -3.33	10.84 0.12 -4.70	16.17 0.33 0.00	16.25 0.34 -0.39	18.32 0.40 0.00	28.14 0.73 0.00	41.30 1.04 0.00	57.82 1.22 0.00	36.81 0.78 0.00	30.50 0.59 0.00	32.21 0.59 0.00	34.27 0.77 0.00	31.52 0.70 0.00	28.58 0.65 0.00
BROWNFLS_115KV_TB_3_5 80003	-20.83 0.15 19.54	-8.45 0.11 7.68	6.18 -0.59 -0.32	-2.00 -0.44 5.67	-8.88 0.09 8.17	0.82 -0.02 -0.56	2.17 -0.17 -0.35	2.11 -0.24 -0.38	5.27 -0.45 -0.23	9.98 -0.91 -0.38	6.55 -0.56 -0.54	6.00 -0.57 0.00	14.18 -1.66 0.00	13.78 -1.80 -0.05	15.88 -2.05 0.00	24.30 -3.10 0.00	29.06 -4.49 6.70	48.41 -5.46 2.73	33.03 -3.00 0.00	27.51 -2.40 0.00	28.57 -3.05 0.01	25.06 -3.80 4.65	27.37 -3.46 0.00	24.81 -3.13 0.00
BROWNSV1_27_KV_LOAD 356125	15.85 -0.09 -17.40	16.09 -0.06 -17.03	15.66 0.37 -8.85	15.68 0.22 -11.35	16.42 -0.03 -17.27	15.47 0.02 -15.16	11.53 0.10 -9.46	13.60 0.11 -11.53	13.70 0.32 -7.89	16.83 0.66 -5.42	17.61 0.46 -10.42	21.24 0.48 -14.73	18.10 1.33 -0.93	26.11 1.34 -9.25	21.80 1.63 -2.24	29.90 2.41 -0.09	43.59 3.34 0.00	61.22 4.62 0.00	38.71 2.68 0.00	32.05 2.14 0.00	33.92 2.29 0.00	35.97 2.46 0.00	32.99 2.17 0.00	29.63 1.69 0.00
BURROWS___LYONSDAL 23803	-1.88 0.05 0.48	-0.66 0.04 -0.19	6.58 -0.21 -0.35	4.05 -0.16 -0.09	-0.61 0.03 -0.17	0.88 0.00 -0.59	2.29 -0.06 -0.37	2.32 -0.06 -0.41	5.66 -0.08 -0.25	10.77 -0.13 -0.15	7.07 -0.07 -0.41	6.52 -0.08 -0.58	15.48 -0.37 0.00	15.08 -0.49 -0.05	17.37 -0.56 0.00	26.60 -0.80 0.00	37.57 -0.94 1.75	55.14 -0.75 0.71	35.90 -0.13 0.00	29.90 -0.01 0.00	31.42 -0.21 0.00	31.63 -0.67 1.21	30.09 -0.73 0.00	27.21 -0.73 0.00
CAITHNESS_CC_1 323624	16.10 -0.13 -17.67	18.64 -0.08 -19.60	15.77 0.48 -8.85	15.75 0.28 -11.35	16.41 -0.05 -17.27	15.49 0.03 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.78 0.42 -7.88	18.15 0.84 -6.56	31.04 0.55 -23.77	27.06 0.55 -20.49	29.85 1.48 -12.52	36.22 1.47 -19.22	53.11 1.74 -33.44	37.62 2.65 -7.57	43.93 3.67 0.00	61.80 5.20 0.00	39.42 3.23 -0.15	32.41 2.50 0.00	34.28 2.65 0.00	36.33 2.82 0.00	33.48 2.66 0.00	30.11 2.17 0.00
CALPINE BETH_PAGE_GT4 24209	16.12 -0.10 -17.67	18.65 -0.06 -19.59	15.68 0.39 -8.85	15.70 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.54 0.10 -9.46	13.60 0.12 -11.52	13.71 0.34 -7.88	18.00 0.69 -6.56	30.97 0.47 -23.77	27.00 0.49 -20.49	29.69 1.32 -12.52	36.03 1.28 -19.22	52.90 1.53 -33.44	37.28 2.31 -7.56	43.50 3.25 0.00	61.13 4.53 0.00	38.92 2.73 -0.15	32.02 2.11 0.00	33.90 2.28 0.00	35.94 2.43 0.00	33.08 2.26 0.00	29.81 1.87 0.00
CALPINE_BETH_PAGE_GT_4 323586	16.12 -0.10 -17.67	18.65 -0.06 -19.60	15.68 0.39 -8.85	15.69 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.54 0.10 -9.46	13.60 0.12 -11.52	13.71 0.34 -7.88	18.00 0.69 -6.56	30.97 0.47 -23.77	27.00 0.49 -20.49	29.69 1.32 -12.52	36.03 1.28 -19.22	52.89 1.52 -33.44	37.28 2.31 -7.57	43.50 3.24 0.00	61.14 4.54 0.00	38.92 2.73 -0.15	32.02 2.11 0.00	33.90 2.27 0.00	35.94 2.44 0.00	33.08 2.26 0.00	29.81 1.87 0.00
CALPINE_BP_GT1 23823	16.12 -0.10 -17.67	18.65 -0.06 -19.60	15.68 0.39 -8.85	15.69 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.54 0.10 -9.46	13.60 0.12 -11.52	13.71 0.34 -7.88	18.00 0.69 -6.56	30.97 0.47 -23.77	27.00 0.49 -20.49	29.69 1.32 -12.52	36.03 1.28 -19.22	52.89 1.52 -33.44	37.28 2.31 -7.57	43.50 3.24 0.00	61.14 4.54 0.00	38.92 2.73 -0.15	32.02 2.11 0.00	33.90 2.27 0.00	35.94 2.44 0.00	33.08 2.26 0.00	29.81 1.87 0.00
CALSPAN___DRP 24200	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.21 0.27 -1.50	6.24 0.21 -1.92	2.06 -0.05 -2.92	2.84 0.00 -2.56	3.65 0.07 -1.60	3.84 0.12 -1.77	6.70 0.14 -1.08	11.66 0.26 -0.65	8.60 0.11 -1.76	8.61 0.10 -2.49	16.17 0.32 0.00	15.98 0.25 -0.21	18.15 0.22 0.00	28.08 0.67 0.00	41.17 0.91 0.00	57.13 0.53 0.00	36.56 0.52 0.00	30.16 0.24 0.00	31.78 0.16 0.00	34.28 0.77 0.00	31.66 0.84 0.00	29.15 1.21 0.00
CALVERTON___SOLAR 323806	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.82 0.53 -8.85	15.78 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.14 -9.46	13.64 0.16 -11.52	13.83 0.46 -7.88	18.24 0.94 -6.56	31.10 0.61 -23.77	27.12 0.62 -20.49	30.01 1.64 -12.52	36.39 1.64 -19.22	53.33 1.96 -33.44	37.96 2.99 -7.57	44.48 4.23 0.00	62.61 6.00 0.00	39.93 3.75 -0.15	32.82 2.91 0.00	34.70 3.07 0.00	36.75 3.24 0.00	33.85 3.03 0.00	30.42 2.48 0.00
CANDIGU_WT_PWR 323617	2.40 -0.01 -3.85	2.88 -0.01 -3.77	8.46 0.06 -1.96	6.68 0.06 -2.51	3.00 -0.01 -3.82	3.64 0.00 -3.36	4.07 0.00 -2.09	4.33 0.06 -2.32	6.97 0.08 -1.41	11.84 0.23 -0.86	9.14 0.11 -2.31	9.38 0.10 -3.26	16.16 0.31 0.00	16.08 0.29 -0.27	18.23 0.31 0.00	28.15 0.74 0.00	41.30 1.05 0.00	57.60 0.99 0.00	36.76 0.72 0.00	30.42 0.50 0.00	32.15 0.52 0.00	34.43 0.93 0.00	31.73 0.91 0.00	28.82 0.88 0.00
CARR STREET_E__SYR 24060	0.20 0.00 -1.65	0.73 0.00 -1.62	7.29 0.00 -0.84	5.20 0.01 -1.08	0.82 0.00 -1.64	1.72 0.00 -1.44	2.88 0.00 -0.90	2.96 0.01 -0.99	6.09 0.00 -0.60	11.12 0.00 -0.37	7.71 -0.01 -0.99	7.40 -0.02 -1.40	15.78 -0.07 0.00	15.57 -0.07 -0.12	17.82 -0.11 0.00	27.24 -0.17 0.00	39.72 -0.30 0.24	56.02 -0.48 0.10	35.80 -0.23 0.00	29.70 -0.21 0.00	31.38 -0.24 0.00	33.19 -0.16 0.16	30.84 0.02 0.00	28.09 0.15 0.00
CARTHAGE___PAPER 23857	-21.89 0.10 20.55	-8.74 0.07 7.93	6.53 -0.39 -0.47	-2.04 -0.28 5.87	-9.20 0.06 8.44	1.09 0.00 -0.81	2.37 -0.12 -0.50	2.41 -0.11 -0.56	5.64 -0.18 -0.34	10.61 -0.34 -0.21	7.10 -0.19 -0.56	6.58 -0.23 -0.78	14.94 -0.91 0.00	14.49 -1.10 -0.07	16.67 -1.26 0.00	25.51 -1.90 0.00	34.96 -2.30 2.99	53.30 -2.08 1.22	35.22 -0.82 0.00	29.50 -0.42 0.00	30.84 -0.79 0.00	29.89 -1.54 2.07	29.26 -1.56 0.00	26.41 -1.53 0.00

CASSADAGA_WT_PWR 323784	1.58 -0.06 -3.08	2.10 -0.04 -3.01	8.10 0.09 -1.56	6.21 0.08 -2.01	2.22 -0.03 -3.06	2.95 -0.02 -2.68	3.66 0.01 -1.67	3.91 0.10 -1.85	6.78 0.17 -1.12	11.84 0.40 -0.69	8.80 0.22 -1.84	8.84 0.21 -2.61	16.41 0.57 0.00	16.19 0.45 -0.22	18.41 0.49 0.00	28.57 1.16 0.00	42.12 1.86 0.00	58.46 1.86 0.00	37.35 1.31 0.00	30.70 0.79 0.00	31.99 0.36 0.00	34.18 0.67 0.00	31.63 0.81 0.00	29.16 1.23 0.00
CE_DUNWOOD___DRP 24194	15.84 -0.07 -17.36	16.07 -0.05 -16.99	15.54 0.27 -8.83	15.60 0.16 -11.33	16.39 -0.03 -17.23	15.43 0.02 -15.13	11.49 0.07 -9.44	13.61 0.08 -11.58	13.70 0.24 -7.98	16.75 0.48 -5.51	17.47 0.34 -10.40	21.09 0.37 -14.70	17.84 1.00 -0.99	26.32 1.02 -9.78	21.56 1.24 -2.39	29.32 1.82 -0.09	42.79 2.53 0.00	60.12 3.53 0.00	38.05 2.02 0.00	31.52 1.61 0.00	33.36 1.73 0.00	35.35 1.84 0.00	32.42 1.60 0.00	29.12 1.18 0.00
CE_MILLWOOD___DRP 24193	15.78 -0.07 -17.29	16.00 -0.04 -16.93	15.49 0.26 -8.79	15.55 0.15 -11.28	16.33 -0.03 -17.17	15.37 0.02 -15.07	11.45 0.06 -9.40	13.62 0.07 -11.59	13.74 0.22 -8.03	16.78 0.45 -5.57	17.41 0.33 -10.36	21.01 0.35 -14.64	17.84 0.96 -1.03	26.67 0.98 -10.17	21.61 1.19 -2.50	29.23 1.74 -0.08	42.68 2.42 0.00	59.98 3.38 0.00	37.98 1.94 0.00	31.46 1.54 0.00	33.28 1.65 0.00	35.26 1.75 0.00	32.34 1.52 0.00	29.05 1.12 0.00
CE_NYC2_DRP 24202	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.75 0.58 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.96 1.19 -9.24	21.61 1.45 -2.24	29.61 2.12 -0.09	43.12 2.86 0.00	60.47 3.87 0.00	38.25 2.22 0.00	31.71 1.80 0.00	33.60 1.97 0.00	35.61 2.10 0.00	32.67 1.84 0.00	29.35 1.41 0.00
CE_NYC_DRP 24195	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.92 1.15 -0.93	25.93 1.16 -9.25	21.59 1.43 -2.24	29.58 2.08 -0.09	43.11 2.85 0.00	60.51 3.91 0.00	38.26 2.22 0.00	31.69 1.77 0.00	33.51 1.89 0.00	35.52 2.01 0.00	32.59 1.77 0.00	29.27 1.34 0.00
CHAFFEE___LFGE 323603	1.55 -0.05 -3.05	2.07 -0.03 -2.98	8.27 0.28 -1.55	6.31 0.21 -1.99	2.16 -0.05 -3.03	2.93 -0.01 -2.66	3.70 0.07 -1.66	3.91 0.12 -1.84	6.75 0.14 -1.11	11.70 0.27 -0.68	8.67 0.12 -1.83	8.71 0.11 -2.58	16.21 0.36 0.00	16.03 0.29 -0.21	18.21 0.29 0.00	28.17 0.76 0.00	41.32 1.06 0.00	57.33 0.73 0.00	36.73 0.69 0.00	30.29 0.38 0.00	31.93 0.31 0.00	34.42 0.92 0.00	31.78 0.96 0.00	29.22 1.28 0.00
CHATEAUG_35_KV_LOAD 355732	-9.79 0.17 8.51	-4.06 0.11 3.29	6.00 -0.63 -0.19	1.22 -0.46 2.43	-4.21 0.10 3.50	0.58 -0.04 -0.33	2.05 -0.14 -0.21	1.87 -0.32 -0.23	5.10 -0.53 -0.14	9.76 -1.08 -0.09	6.26 -0.70 -0.23	5.63 -0.71 -0.32	13.98 -1.87 0.00	13.59 -1.96 -0.03	15.74 -2.19 0.00	24.18 -3.22 0.00	22.70 -5.52 12.04	44.40 -7.30 4.90	31.77 -4.26 0.00	26.30 -3.61 0.00	26.69 -4.92 0.00	19.55 -5.61 8.35	25.89 -4.94 0.00	23.62 -4.32 0.00
CHATEAUG_WT_PWR 323614	-9.33 0.17 8.05	-3.88 0.10 3.10	6.02 -0.61 -0.19	1.37 -0.44 2.30	-4.02 0.10 3.30	0.58 -0.03 -0.32	2.05 -0.14 -0.20	1.87 -0.31 -0.22	5.11 -0.51 -0.14	9.78 -1.05 -0.08	6.28 -0.67 -0.22	5.65 -0.69 -0.31	14.04 -1.81 0.00	13.66 -1.89 -0.03	15.81 -2.12 0.00	24.26 -3.15 0.00	22.58 -5.42 12.26	44.40 -7.21 4.99	31.81 -4.22 0.00	26.31 -3.61 0.00	26.66 -4.96 0.00	19.37 -5.64 8.50	25.84 -4.98 0.00	23.60 -4.34 0.00
CHAT_HIGH_FALL_HYD 323578	-9.79 0.17 8.51	-4.06 0.11 3.29	6.00 -0.63 -0.19	1.23 -0.46 2.43	-4.21 0.10 3.50	0.58 -0.04 -0.33	2.05 -0.14 -0.21	1.87 -0.32 -0.23	5.10 -0.53 -0.14	9.76 -1.08 -0.09	6.26 -0.70 -0.23	5.63 -0.71 -0.32	13.98 -1.87 0.00	13.58 -1.97 -0.03	15.74 -2.19 0.00	24.18 -3.23 0.00	22.70 -5.52 12.04	44.40 -7.30 4.90	31.77 -4.26 0.00	26.30 -3.61 0.00	26.68 -4.93 0.00	19.55 -5.61 8.35	25.89 -4.93 0.00	23.62 -4.32 0.00
CHAUTAUQUA___LFGE 323629	1.53 -0.06 -3.03	2.05 -0.04 -2.97	8.19 0.20 -1.54	6.25 0.16 -1.98	2.16 -0.03 -3.01	2.93 0.00 -2.64	3.67 0.04 -1.65	3.90 0.11 -1.82	6.77 0.17 -1.11	11.79 0.36 -0.67	8.74 0.19 -1.81	8.78 0.19 -2.57	16.37 0.52 0.00	16.18 0.44 -0.21	18.40 0.48 0.00	28.53 1.13 0.00	41.93 1.67 0.00	58.10 1.50 0.00	37.11 1.07 0.00	30.54 0.62 0.00	32.01 0.39 0.00	34.36 0.85 0.00	31.78 0.96 0.00	29.21 1.27 0.00
CHERRYST_13_KV_LD 356241	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.56 0.41 -10.42	21.19 0.44 -14.73	17.98 1.20 -0.93	25.99 1.22 -9.25	21.67 1.50 -2.24	29.68 2.19 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.39 2.36 0.00	31.79 1.88 0.00	33.63 2.00 0.00	35.64 2.13 0.00	32.70 1.88 0.00	29.37 1.43 0.00
CHESTROR_138KV_BK263 355645	14.67 -0.05 -16.17	14.92 -0.03 -15.83	14.87 0.20 -8.23	14.79 0.12 -10.55	15.23 -0.02 -16.06	14.39 0.01 -14.10	10.82 0.05 -8.79	10.70 0.06 -8.68	10.05 0.17 -4.38	13.18 0.35 -2.08	16.67 0.25 -9.69	20.00 0.28 -13.70	15.69 0.76 0.92	9.50 0.78 6.80	16.66 0.95 2.22	28.89 1.41 -0.07	42.26 2.00 0.00	59.43 2.83 0.00	37.68 1.64 0.00	31.22 1.31 0.00	33.02 1.40 0.00	34.97 1.47 0.00	32.08 1.26 0.00	28.83 0.90 0.00
CH_MIDHUDSON___DRP 24192	16.20 -0.07 -17.71	16.42 -0.04 -17.34	15.71 0.26 -9.01	15.83 0.16 -11.55	16.74 -0.03 -17.58	15.74 0.01 -15.43	11.67 0.06 -9.63	12.88 0.07 -10.84	12.45 0.22 -6.73	15.41 0.45 -4.21	17.65 0.32 -10.61	21.35 0.33 -15.00	16.91 0.91 -0.16	19.11 0.94 -2.64	19.46 1.14 -0.39	29.14 1.67 -0.06	42.66 2.40 0.00	60.03 3.43 0.00	38.05 2.02 0.00	31.55 1.63 0.00	33.39 1.77 0.00	35.34 1.83 0.00	32.37 1.55 0.00	29.09 1.15 0.00
CH_MISC_IPPS 23765	15.88 -0.07 -17.40	16.11 -0.05 -17.04	15.58 0.29 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.28	15.47 0.02 -15.17	11.52 0.07 -9.46	12.52 0.09 -10.47	12.09 0.25 -6.36	15.14 0.51 -3.88	17.51 0.36 -10.43	21.13 0.37 -14.74	16.87 1.02 0.00	17.81 1.05 -1.23	19.21 1.29 0.00	29.38 1.91 -0.07	43.04 2.78 0.00	60.59 3.99 0.00	38.39 2.36 0.00	31.83 1.91 0.00	33.67 2.04 0.00	35.63 2.12 0.00	32.63 1.80 0.00	29.31 1.37 0.00
CH_RES_BVR_FALLS 23983	-4.67 0.09 3.31	-2.19 0.06 1.36	6.10 -0.35 0.00	2.87 -0.25 1.00	-2.21 0.05 1.44	0.27 -0.01 0.00	1.91 -0.07 0.00	1.80 -0.16 0.00	5.20 -0.29 0.00	10.14 -0.61 0.00	6.34 -0.39 0.00	5.63 -0.40 0.00	14.78 -1.07 0.00	14.39 -1.14 0.00	16.65 -1.28 0.00	25.48 -1.93 0.00	39.16 -3.01 -1.91	53.43 -3.95 -0.78	33.77 -2.26 0.00	27.95 -1.96 0.00	29.16 -2.46 0.00	31.99 -2.85 -1.33	28.36 -2.46 0.00	25.76 -2.18 0.00

CH_RES_NIAGARA 23895	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.06 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.30 -0.19	17.47 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.70 -1.90 0.00	35.13 -0.90 0.00	29.02 -0.89 0.00	30.58 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
CH_RES_SYRACUSE 23985	0.39 -0.01 -1.84	0.92 -0.01 -1.80	7.42 0.03 -0.94	5.34 0.03 -1.20	1.01 0.00 -1.83	1.89 0.00 -1.61	2.99 0.01 -1.00	3.08 0.02 -1.11	6.19 0.03 -0.67	11.22 0.06 -0.41	7.86 0.03 -1.10	7.59 0.01 -1.56	15.86 0.02 0.00	15.68 0.02 -0.13	17.94 0.02 0.00	27.48 0.07 0.00	40.17 0.13 0.21	56.70 0.18 0.09	36.23 0.19 0.00	30.05 0.14 0.00	31.73 0.11 0.00	33.55 0.19 0.15	31.03 0.21 0.00	28.26 0.33 0.00
CLINTON_WT_PWR 323605	-9.33 0.17 8.05	-3.88 0.10 3.10	6.02 -0.61 -0.19	1.37 -0.44 2.30	-4.02 0.10 3.30	0.58 -0.03 -0.32	2.05 -0.14 -0.20	1.87 -0.31 -0.22	5.11 -0.51 -0.14	9.78 -1.05 -0.08	6.28 -0.67 -0.22	5.65 -0.69 -0.31	14.04 -1.81 0.00	13.66 -1.89 -0.03	15.81 -2.12 0.00	24.26 -3.15 0.00	22.58 -5.42 12.26	44.40 -7.21 4.99	31.81 -4.22 0.00	26.31 -3.61 0.00	26.66 -4.96 0.00	19.37 -5.64 8.50	25.84 -4.98 0.00	23.60 -4.34 0.00
CLINTON___LFGE 323618	-9.46 0.16 8.17	-3.93 0.10 3.15	6.06 -0.58 -0.19	1.36 -0.42 2.33	-4.07 0.10 3.35	0.58 -0.03 -0.33	2.06 -0.13 -0.20	1.88 -0.30 -0.23	5.14 -0.48 -0.14	9.85 -0.98 -0.08	6.33 -0.62 -0.23	5.69 -0.65 -0.32	14.15 -1.70 0.00	13.78 -1.78 -0.03	15.95 -1.97 0.00	24.56 -2.84 0.00	23.14 -4.91 12.20	44.99 -6.65 4.97	32.28 -3.75 0.00	26.73 -3.18 0.00	27.09 -4.53 0.00	19.79 -5.26 8.46	26.14 -4.68 0.00	23.84 -4.10 0.00
COBBLENY_34_KV_TB1 80064	1.55 -0.05 -3.05	2.07 -0.03 -2.98	8.27 0.28 -1.55	6.31 0.21 -1.99	2.16 -0.05 -3.03	2.93 -0.01 -2.66	3.71 0.07 -1.66	3.91 0.12 -1.84	6.75 0.15 -1.11	11.70 0.27 -0.68	8.67 0.12 -1.83	8.71 0.11 -2.58	16.21 0.36 0.00	16.03 0.28 -0.21	18.21 0.29 0.00	28.17 0.76 0.00	41.32 1.06 0.00	57.35 0.75 0.00	36.72 0.69 0.00	30.29 0.37 0.00	31.93 0.30 0.00	34.42 0.92 0.00	31.78 0.95 0.00	29.22 1.28 0.00
COFFEEN___115KV_TB3 355620	-18.02 0.08 16.65	-7.09 0.05 6.27	6.67 -0.30 -0.53	-0.76 -0.21 4.66	-7.45 0.05 6.69	1.19 0.00 -0.90	2.45 -0.10 -0.56	2.51 -0.07 -0.62	5.77 -0.10 -0.38	10.81 -0.17 -0.23	7.28 -0.06 -0.62	6.75 -0.15 -0.87	15.08 -0.76 0.00	14.64 -0.96 -0.07	16.82 -1.11 0.00	25.74 -1.67 0.00	36.00 -1.77 2.49	54.54 -1.05 1.01	35.82 -0.21 0.00	30.12 0.20 0.00	31.56 -0.07 0.00	31.02 -0.77 1.72	29.93 -0.89 0.00	27.00 -0.94 0.00
COLDSPRG_115KV_BK1 355956	1.67 -0.07 -3.18	2.19 -0.04 -3.12	8.31 0.25 -1.62	6.38 0.19 -2.08	2.31 -0.04 -3.16	3.05 -0.01 -2.78	3.77 0.06 -1.73	4.01 0.14 -1.92	6.90 0.25 -1.16	11.99 0.53 -0.71	8.91 0.28 -1.91	8.98 0.26 -2.70	16.58 0.73 0.00	16.41 0.66 -0.22	18.66 0.74 0.00	28.93 1.53 0.00	42.49 2.24 0.00	58.97 2.37 0.00	37.67 1.64 0.00	31.00 1.09 0.00	32.49 0.87 0.00	34.89 1.38 0.00	32.21 1.39 0.00	29.55 1.61 0.00
COLONIE_LFGE___ 323577	20.09 -0.04 -21.57	20.22 -0.02 -21.12	17.57 0.16 -10.97	18.29 0.11 -14.07	20.58 -0.02 -21.42	19.09 0.00 -18.80	13.76 0.05 -11.73	15.22 0.05 -13.21	13.83 0.14 -8.20	16.15 0.26 -5.13	19.81 0.16 -12.92	24.43 0.15 -18.27	16.47 0.43 -0.20	19.16 0.41 -3.22	18.88 0.48 -0.47	28.01 0.72 0.12	41.45 1.19 0.00	58.47 1.86 0.00	37.19 1.16 0.00	30.92 1.01 0.00	32.82 1.20 -0.01	34.66 1.16 0.00	31.77 0.95 0.00	28.58 0.64 0.00
COOPERNY_115KV_TB1 80082	11.65 -0.04 -13.14	11.96 -0.03 -12.86	13.28 0.15 -6.68	12.78 0.10 -8.57	12.22 -0.02 -13.04	11.74 0.01 -11.45	9.16 0.04 -7.14	9.44 0.04 -7.43	9.73 0.13 -4.11	13.27 0.28 -2.24	14.80 0.20 -7.87	17.36 0.21 -11.13	16.02 0.59 0.41	13.47 0.60 2.65	17.65 0.73 1.00	28.55 1.09 -0.05	41.81 1.56 0.00	58.77 2.16 0.00	37.29 1.26 0.00	30.92 1.01 0.00	32.68 1.06 0.00	34.63 1.12 0.00	31.78 0.96 0.00	28.63 0.69 0.00
COPENHAGEN_WT_PWR 323753	-16.95 0.10 15.61	-6.64 0.07 5.82	6.58 -0.40 -0.54	-0.50 -0.28 4.34	-6.97 0.06 6.21	1.21 0.00 -0.93	2.43 -0.13 -0.58	2.50 -0.09 -0.64	5.71 -0.16 -0.39	10.71 -0.27 -0.24	7.22 -0.14 -0.63	6.73 -0.19 -0.90	15.04 -0.81 0.00	14.55 -1.05 -0.07	16.71 -1.22 0.00	25.55 -1.86 2.35	35.79 -2.12 0.96	53.91 -1.74 0.00	35.44 -0.60 0.00	29.69 -0.23 0.00	31.04 -0.58 0.00	30.48 -1.40 1.63	29.38 -1.45 0.00	26.50 -1.44 0.00
CORNELL___ 23752	2.40 -0.03 -3.88	2.90 -0.02 -3.80	8.57 0.15 -1.97	6.75 0.10 -2.53	3.03 -0.02 -3.86	3.68 0.01 -3.38	4.14 0.05 -2.11	4.35 0.06 -2.34	7.04 0.14 -1.42	11.87 0.25 -0.87	9.18 0.13 -2.33	9.43 0.12 -3.29	16.12 0.27 0.00	16.09 0.29 -0.27	18.28 0.36 0.00	28.08 0.67 0.00	41.28 1.02 0.00	58.11 1.51 0.00	37.21 1.18 0.00	30.92 1.01 0.00	32.67 1.05 0.00	34.69 1.19 0.00	31.85 1.03 0.00	28.92 0.98 0.00
CORONA_AAV_69_KV_TB1 355595	16.12 -0.10 -17.67	18.65 -0.06 -19.59	15.67 0.38 -8.85	15.69 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.54 0.10 -9.46	13.60 0.11 -11.52	13.70 0.33 -7.88	17.98 0.67 -6.56	30.95 0.46 -23.77	26.98 0.47 -20.49	29.65 1.28 -12.52	36.02 1.27 -19.22	52.90 1.54 -33.44	37.31 2.34 -7.56	43.57 3.32 0.00	61.24 4.64 0.00	38.95 2.76 -0.15	32.07 2.16 0.00	33.92 2.29 0.00	35.98 2.48 0.00	33.12 2.30 0.00	29.77 1.83 0.00
CORTLAND_115KV_TB3 80093	1.70 -0.02 -3.17	2.21 -0.01 -3.10	8.15 0.09 -1.61	6.25 0.06 -2.07	2.33 -0.01 -3.15	3.05 0.01 -2.77	3.73 0.03 -1.72	3.91 0.04 -1.91	6.73 0.09 -1.16	11.62 0.16 -0.71	8.71 0.09 -1.90	8.79 0.08 -2.69	16.03 0.18 0.00	15.94 0.19 -0.22	18.16 0.23 0.00	27.84 0.43 0.00	40.95 0.70 0.00	57.54 0.94 0.00	36.75 0.71 0.00	30.53 0.61 0.00	32.26 0.63 0.00	34.23 0.72 0.00	31.46 0.64 0.00	28.56 0.62 0.00
COXSACKIE___GT 23611	18.65 -0.07 -20.16	18.82 -0.04 -19.74	16.98 0.29 -10.26	17.46 0.19 -13.15	19.17 -0.04 -20.02	17.87 0.01 -17.57	13.04 0.10 -10.96	14.34 0.10 -12.28	13.31 0.25 -7.58	15.84 0.38 -4.71	19.01 0.21 -12.08	23.36 0.27 -17.08	16.65 0.67 -0.13	18.87 0.80 -2.54	19.34 1.10 -0.31	28.69 1.32 0.04	42.37 2.12 0.00	59.74 3.14 0.00	38.13 2.10 0.00	32.02 2.11 0.00	34.12 2.49 0.00	35.98 2.47 0.00	32.81 1.99 0.00	29.45 1.51 0.00
CPV_VALLEY___CC1 323721	13.60 -0.04 -15.09	13.87 -0.03 -14.78	14.28 0.16 -7.68	14.05 0.10 -9.85	14.16 -0.02 -14.99	13.45 0.01 -13.15	10.22 0.04 -8.20	10.41 0.04 -8.41	10.16 0.14 -4.54	13.42 0.29 -2.38	15.98 0.21 -9.04	19.04 0.24 -12.78	15.90 0.65 0.59	12.15 0.65 4.03	17.30 0.80 1.42	28.65 1.18 -0.06	41.92 1.66 0.00	58.92 2.32 0.00	37.35 1.32 0.00	30.96 1.05 0.00	32.74 1.11 0.00	34.68 1.18 0.00	31.81 0.99 0.00	28.62 0.68 0.00

CPV_VALLEY___CC2 323722	13.60 -0.04 -15.09	13.87 -0.03 -14.78	14.28 0.16 -7.68	14.05 0.10 -9.85	14.16 -0.02 -14.99	13.45 0.01 -13.15	10.22 0.04 -8.20	10.41 0.04 -8.41	10.16 0.14 -4.54	13.42 0.29 -2.38	15.98 0.21 -9.04	19.04 0.24 -12.78	15.90 0.65 0.59	12.15 0.65 4.03	17.30 0.80 1.42	28.65 1.18 -0.06	41.92 1.66 0.00	58.92 2.32 0.00	37.35 1.32 0.00	30.96 1.05 0.00	32.74 1.11 0.00	34.68 1.18 0.00	31.81 0.99 0.00	28.62 0.68 0.00
CRESCENT___HYD 24018	20.09 -0.04 -21.57	20.22 -0.02 -21.12	17.57 0.16 -10.97	18.29 0.11 -14.07	20.58 -0.02 -21.42	19.09 0.00 -18.80	13.76 0.05 -11.73	15.22 0.05 -13.21	13.83 0.14 -8.20	16.15 0.26 -5.13	19.81 0.16 -12.92	24.43 0.15 -18.27	16.47 0.43 -0.20	19.16 0.41 -3.22	18.88 0.48 -0.47	28.01 0.72 0.12	41.45 1.19 0.00	58.47 1.86 0.00	37.19 1.16 0.00	30.92 1.01 0.00	32.82 1.20 -0.01	34.66 1.16 0.00	31.77 0.95 0.00	28.58 0.64 0.00
CRICKET___VALLEY_CC1 323756	16.79 -0.04 -18.28	16.99 -0.03 -17.90	15.93 0.19 -9.30	16.16 0.12 -11.93	17.32 -0.02 -18.15	16.23 0.01 -15.93	11.96 0.04 -9.94	13.46 0.05 -11.45	12.97 0.15 -7.33	15.79 0.31 -4.73	17.91 0.23 -10.95	21.74 0.24 -15.48	16.89 0.65 -0.39	20.90 0.69 -4.68	19.68 0.81 -0.95	27.32 1.12 1.21	41.85 1.59 0.00	58.99 2.39 0.00	37.38 1.34 0.00	31.02 1.10 0.00	32.87 1.25 0.00	34.76 1.26 0.00	31.83 1.01 0.00	28.63 0.70 0.00
CRICKET___VALLEY_CC2 323757	16.79 -0.04 -18.28	16.99 -0.03 -17.90	15.93 0.19 -9.30	16.16 0.12 -11.93	17.32 -0.02 -18.15	16.23 0.01 -15.93	11.96 0.04 -9.94	13.46 0.05 -11.45	12.97 0.15 -7.33	15.79 0.31 -4.73	17.91 0.23 -10.95	21.74 0.24 -15.48	16.89 0.65 -0.39	20.90 0.69 -4.68	19.68 0.81 -0.95	27.32 1.12 1.21	41.85 1.59 0.00	58.99 2.39 0.00	37.38 1.34 0.00	31.02 1.10 0.00	32.87 1.25 0.00	34.76 1.26 0.00	31.83 1.01 0.00	28.63 0.70 0.00
CRICKET___VALLEY_CC3 323758	16.79 -0.04 -18.28	16.99 -0.03 -17.90	15.93 0.19 -9.30	16.16 0.12 -11.93	17.32 -0.02 -18.15	16.23 0.01 -15.93	11.96 0.04 -9.94	13.46 0.05 -11.45	12.97 0.15 -7.33	15.79 0.31 -4.73	17.91 0.23 -10.95	21.74 0.24 -15.48	16.89 0.65 -0.39	20.90 0.69 -4.68	19.68 0.81 -0.95	27.32 1.12 1.21	41.85 1.59 0.00	58.99 2.39 0.00	37.38 1.34 0.00	31.02 1.10 0.00	32.87 1.25 0.00	34.76 1.26 0.00	31.83 1.01 0.00	28.63 0.70 0.00
CRUCIBLE_METL_DRP 24180	0.39 -0.01 -1.84	0.92 -0.01 -1.80	7.42 0.03 -0.94	5.34 0.03 -1.20	1.01 0.00 -1.83	1.89 0.00 -1.61	2.99 0.01 -1.00	3.08 0.02 -1.11	6.19 0.03 -0.67	11.22 0.06 -0.41	7.86 0.03 -1.10	7.59 0.01 -1.56	15.86 0.02 0.00	15.68 0.03 -0.13	17.94 0.02 0.00	27.48 0.07 0.00	40.17 0.13 0.21	56.70 0.18 0.09	36.22 0.19 0.00	30.05 0.14 0.00	31.73 0.11 0.00	33.55 0.19 0.15	31.03 0.21 0.00	28.26 0.33 0.00
DAHOWA___HYDRO 323763	20.40 -0.06 -21.91	20.53 -0.03 -21.45	17.85 0.26 -11.14	18.58 0.18 -14.29	20.91 -0.03 -21.75	19.39 0.01 -19.09	13.97 0.08 -11.91	15.44 0.08 -13.40	14.01 0.21 -8.31	16.34 0.40 -5.19	20.07 0.22 -13.12	24.78 0.20 -18.55	16.65 0.61 -0.19	19.26 0.57 -3.17	19.06 0.68 -0.45	28.44 1.13 0.10	42.34 2.09 0.00	59.81 3.21 0.00	38.22 2.19 0.00	31.80 1.88 0.00	33.63 2.00 -0.01	35.44 1.93 0.00	32.42 1.60 0.00	29.12 1.18 0.00
DANC___LFGE 323619	-11.28 0.07 9.91	-4.22 0.04 3.39	6.80 -0.26 -0.62	1.37 -0.18 2.56	-4.42 0.04 3.64	1.34 0.00 -1.06	2.56 -0.09 -0.66	2.63 -0.06 -0.73	5.81 -0.12 -0.44	10.82 -0.20 -0.27	7.34 -0.11 -0.73	6.90 -0.15 -1.03	15.24 -0.60 0.00	14.87 -0.75 -0.09	17.06 -0.87 0.00	26.11 -1.30 0.00	37.10 -1.55 1.61	54.53 -1.42 0.65	35.46 -0.58 0.00	29.62 -0.29 0.00	31.10 -0.52 0.00	31.39 -1.01 1.11	29.81 -1.01 0.00	27.00 -0.94 0.00
DANSKAMMER___1 23586	15.88 -0.07 -17.40	16.11 -0.05 -17.04	15.58 0.29 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.28	15.47 0.02 -15.17	11.52 0.07 -9.46	12.52 0.09 -10.47	12.09 0.25 -6.36	15.14 0.51 -3.88	17.51 0.36 -10.43	21.13 0.37 -14.74	16.87 1.02 0.00	17.81 1.05 -1.23	19.21 1.29 0.00	29.38 1.91 -0.07	43.04 2.78 0.00	60.59 3.99 0.00	38.39 2.36 0.00	31.83 1.91 0.00	33.67 2.04 0.00	35.63 2.12 0.00	32.63 1.80 0.00	29.31 1.37 0.00
DANSKAMMER___2 23589	15.88 -0.07 -17.40	16.11 -0.05 -17.04	15.58 0.29 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.28	15.47 0.02 -15.17	11.52 0.07 -9.46	12.52 0.09 -10.47	12.09 0.25 -6.36	15.14 0.51 -3.88	17.51 0.36 -10.43	21.13 0.37 -14.74	16.87 1.02 0.00	17.81 1.05 -1.23	19.21 1.29 0.00	29.38 1.91 -0.07	43.04 2.78 0.00	60.59 3.99 0.00	38.39 2.36 0.00	31.83 1.91 0.00	33.67 2.04 0.00	35.63 2.12 0.00	32.63 1.80 0.00	29.31 1.37 0.00
DANSKAMMER___3 23590	15.88 -0.07 -17.40	16.11 -0.05 -17.04	15.58 0.29 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.28	15.47 0.02 -15.17	11.52 0.07 -9.46	12.52 0.09 -10.47	12.09 0.25 -6.36	15.14 0.51 -3.88	17.51 0.36 -10.43	21.13 0.37 -14.74	16.87 1.02 0.00	17.81 1.05 -1.23	19.21 1.29 0.00	29.38 1.91 -0.07	43.04 2.78 0.00	60.59 3.99 0.00	38.39 2.36 0.00	31.83 1.91 0.00	33.67 2.04 0.00	35.63 2.12 0.00	32.63 1.80 0.00	29.31 1.37 0.00
DANSKAMMER___4 23591	15.88 -0.07 -17.40	16.11 -0.05 -17.04	15.58 0.29 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.28	15.47 0.02 -15.17	11.52 0.07 -9.46	12.52 0.09 -10.47	12.09 0.25 -6.36	15.14 0.51 -3.88	17.51 0.36 -10.43	21.13 0.37 -14.74	16.87 1.02 0.00	17.81 1.05 -1.23	19.21 1.29 0.00	29.38 1.91 -0.07	43.04 2.78 0.00	60.59 3.99 0.00	38.39 2.36 0.00	31.83 1.91 0.00	33.67 2.04 0.00	35.63 2.12 0.00	32.63 1.80 0.00	29.31 1.37 0.00
DANSKAMMER___DIESEL 23592	15.88 -0.07 -17.40	16.11 -0.05 -17.04	15.58 0.29 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.28	15.47 0.02 -15.17	11.52 0.07 -9.46	12.52 0.09 -10.47	12.09 0.25 -6.36	15.14 0.51 -3.88	17.51 0.36 -10.43	21.13 0.37 -14.74	16.87 1.02 0.00	17.81 1.05 -1.23	19.21 1.29 0.00	29.38 1.91 -0.07	43.04 2.79 0.00	60.58 3.98 0.00	38.39 2.36 0.00	31.83 1.91 0.00	33.67 2.04 0.00	35.62 2.12 0.00	32.63 1.80 0.00	29.31 1.37 0.00
DARBY___SOLAR 323810	20.36 -0.06 -21.86	20.49 -0.03 -21.40	17.81 0.25 -11.12	18.54 0.17 -14.26	20.86 -0.03 -21.70	19.35 0.01 -19.05	13.94 0.08 -11.88	15.41 0.07 -13.37	13.99 0.20 -8.30	16.32 0.38 -5.18	20.04 0.21 -13.10	24.73 0.19 -18.51	16.63 0.60 -0.19	19.26 0.55 -3.18	19.04 0.66 -0.46	28.38 1.07 0.10	42.22 1.97 0.00	59.63 3.03 0.00	38.07 2.04 0.00	31.66 1.74 0.00	33.51 1.88 -0.01	35.32 1.82 0.00	32.34 1.52 0.00	29.06 1.12 0.00
DASHVILLE___HYD 23610	16.39 -0.05 -17.89	16.60 -0.03 -17.51	15.74 0.20 -9.10	15.90 0.12 -11.67	16.93 -0.02 -17.76	15.89 0.01 -15.59	11.76 0.05 -9.72	12.79 0.07 -10.76	12.20 0.18 -6.53	15.11 0.37 -3.99	17.71 0.27 -10.72	21.49 0.32 -15.15	16.69 0.85 0.00	17.67 0.88 -1.27	19.03 1.10 0.00	29.07 1.63 -0.03	42.57 2.31 0.00	59.83 3.23 0.00	37.87 1.84 0.00	31.38 1.46 0.00	33.19 1.57 0.00	35.14 1.63 0.00	32.22 1.39 0.00	28.94 1.00 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	16.05 -0.18 -17.67	18.61 -0.11 -19.59	15.98 0.69 -8.85	15.89 0.42 -11.35	16.39 -0.08 -17.27	15.49 0.04 -15.16	11.63 0.19 -9.46	13.69 0.21 -11.52	13.98 0.61 -7.88	18.59 1.29 -6.56	31.33 0.84 -23.77	27.35 0.85 -20.49	30.62 2.25 -12.52	36.97 2.22 -19.22	54.02 2.65 -33.44	39.08 4.11 -7.56	46.14 5.88 0.00	64.93 8.33 0.00	41.39 5.20 -0.15	33.96 4.05 0.00	35.82 4.20 0.00	37.90 4.39 0.00	34.87 4.05 0.00	31.27 3.33 0.00
DELAWARE___LFGE 323621	5.57 -0.04 -7.06	6.01 -0.03 -6.91	10.20 0.17 -3.59	8.83 0.11 -4.61	6.18 -0.02 -7.01	6.45 0.01 -6.16	5.88 0.05 -3.84	6.27 0.06 -4.25	8.22 0.15 -2.58	12.64 0.31 -1.57	11.16 0.21 -4.23	12.20 0.20 -5.98	16.39 0.54 0.00	16.57 0.54 -0.50	18.57 0.65 0.00	28.42 1.01 0.00	41.72 1.46 0.00	58.59 1.99 0.00	37.26 1.23 0.00	30.94 1.03 0.00	32.73 1.10 0.00	34.68 1.17 0.00	31.83 1.01 0.00	28.77 0.83 0.00
DERFIELD_115KV_TB7 355931	-0.07 0.01 -1.36	-0.31 0.01 -0.56	6.41 -0.04 0.00	4.50 -0.03 -0.41	-0.21 0.00 -0.60	0.29 0.00 0.00	1.97 -0.01 0.00	1.95 -0.01 0.00	5.46 -0.03 0.00	10.70 -0.05 0.00	6.69 -0.03 0.00	5.99 -0.03 0.00	15.77 -0.08 0.00	15.44 -0.09 0.00	17.82 -0.10 0.00	27.26 -0.15 0.00	40.04 -0.22 0.00	56.32 -0.28 0.00	35.88 -0.15 0.00	29.79 -0.12 0.00	31.47 -0.15 0.00	33.33 -0.18 0.00	30.64 -0.18 0.00	27.77 -0.17 0.00
DOGLEVILLE___HYD 23807	-0.04 0.04 -1.36	-0.29 0.03 -0.56	6.25 -0.20 0.00	4.40 -0.12 -0.41	-0.20 0.02 -0.60	0.27 -0.01 0.00	1.92 -0.06 0.00	1.91 -0.05 0.00	5.37 -0.12 0.00	10.58 -0.17 0.00	6.56 -0.17 0.00	5.91 -0.11 0.00	15.62 -0.22 0.00	15.45 -0.08 0.00	17.78 -0.15 0.00	27.10 -0.30 0.00	40.08 -0.18 0.00	56.54 -0.06 0.00	36.19 0.16 0.00	30.13 0.22 0.00	32.08 0.45 0.00	34.05 0.55 0.00	31.09 0.27 0.00	27.77 -0.16 0.00
DUNKIRK___115KV_TB_200 55889	1.52 -0.06 -3.03	2.04 -0.04 -2.96	8.20 0.21 -1.54	6.25 0.16 -1.97	2.16 -0.03 -3.00	2.93 0.00 -2.64	3.67 0.04 -1.64	3.90 0.11 -1.82	6.76 0.17 -1.11	11.78 0.35 -0.67	8.73 0.19 -1.81	8.76 0.18 -2.56	16.35 0.51 0.00	16.17 0.43 -0.21	18.38 0.46 0.00	28.50 1.10 0.00	41.88 1.62 0.00	58.01 1.41 0.00	37.04 1.01 0.00	30.50 0.59 0.00	31.99 0.37 0.00	34.38 0.87 0.00	31.77 0.95 0.00	29.19 1.25 0.00
DUNKIRK___1 23563	1.52 -0.06 -3.03	2.04 -0.04 -2.96	8.20 0.21 -1.54	6.25 0.16 -1.97	2.16 -0.03 -3.00	2.93 0.00 -2.64	3.67 0.04 -1.64	3.90 0.11 -1.82	6.76 0.17 -1.11	11.78 0.35 -0.67	8.73 0.19 -1.81	8.76 0.18 -2.56	16.35 0.51 0.00	16.17 0.43 -0.21	18.38 0.46 0.00	28.50 1.10 0.00	41.88 1.62 0.00	58.01 1.41 0.00	37.04 1.01 0.00	30.50 0.59 0.00	31.99 0.37 0.00	34.38 0.87 0.00	31.77 0.95 0.00	29.19 1.25 0.00
DUNKIRK___2 23564	1.52 -0.06 -3.03	2.04 -0.04 -2.96	8.20 0.21 -1.54	6.25 0.16 -1.97	2.16 -0.03 -3.00	2.93 0.00 -2.64	3.67 0.04 -1.64	3.90 0.11 -1.82	6.76 0.17 -1.11	11.78 0.35 -0.67	8.73 0.19 -1.81	8.76 0.18 -2.56	16.35 0.51 0.00	16.17 0.43 -0.21	18.38 0.46 0.00	28.50 1.10 0.00	41.88 1.62 0.00	58.01 1.41 0.00	37.04 1.01 0.00	30.50 0.59 0.00	31.99 0.37 0.00	34.38 0.87 0.00	31.77 0.95 0.00	29.19 1.25 0.00
DUNKIRK___3 23565	1.52 -0.05 -3.02	2.04 -0.03 -2.96	8.20 0.22 -1.54	6.26 0.17 -1.97	2.15 -0.04 -3.00	2.92 0.00 -2.63	3.68 0.05 -1.64	3.89 0.11 -1.82	6.75 0.16 -1.10	11.74 0.31 -0.67	8.69 0.16 -1.81	8.73 0.15 -2.56	16.28 0.44 0.00	16.11 0.37 -0.21	18.31 0.39 0.00	28.36 0.95 0.00	41.61 1.36 0.00	57.68 1.08 0.00	36.85 0.82 0.00	30.35 0.44 0.00	31.89 0.27 0.00	34.32 0.81 0.00	31.70 0.88 0.00	29.13 1.19 0.00
DUNKIRK___4 23566	1.52 -0.05 -3.02	2.04 -0.03 -2.96	8.20 0.22 -1.54	6.26 0.17 -1.97	2.15 -0.04 -3.00	2.92 0.00 -2.63	3.68 0.05 -1.64	3.89 0.11 -1.82	6.75 0.16 -1.10	11.74 0.31 -0.67	8.69 0.16 -1.81	8.73 0.15 -2.56	16.28 0.44 0.00	16.11 0.37 -0.21	18.31 0.39 0.00	28.36 0.95 0.00	41.61 1.36 0.00	57.68 1.08 0.00	36.85 0.82 0.00	30.35 0.44 0.00	31.89 0.27 0.00	34.32 0.81 0.00	31.70 0.88 0.00	29.13 1.19 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.88 -0.07 -17.40	16.10 -0.05 -17.03	15.58 0.28 -8.85	15.63 0.17 -11.35	16.43 -0.03 -17.27	15.46 0.02 -15.16	11.51 0.07 -9.46	13.57 0.08 -11.53	13.63 0.25 -7.89	16.68 0.51 -5.41	17.51 0.36 -10.42	21.14 0.39 -14.73	17.83 1.06 -0.92	25.83 1.07 -9.24	21.48 1.31 -2.24	29.41 1.91 -0.09	42.91 2.66 0.00	60.28 3.68 0.00	38.14 2.11 0.00	31.59 1.68 0.00	33.43 1.81 0.00	35.42 1.91 0.00	32.49 1.67 0.00	29.19 1.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.38 -0.06 -16.89	15.61 -0.04 -16.53	15.27 0.24 -8.59	15.27 0.14 -11.02	15.93 -0.02 -16.76	15.02 0.02 -14.72	11.22 0.06 -9.18	11.86 0.07 -9.83	11.39 0.21 -5.69	14.45 0.42 -3.28	17.14 0.30 -10.12	20.64 0.32 -14.30	16.43 0.87 0.29	15.12 0.89 1.30	18.33 1.10 0.70	29.10 1.62 -0.07	42.60 2.34 0.00	59.95 3.35 0.00	38.00 1.96 0.00	31.49 1.58 0.00	33.31 1.68 0.00	35.27 1.76 0.00	32.32 1.50 0.00	29.04 1.10 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.76 0.59 -5.42	17.56 0.41 -10.42	21.19 0.44 -14.73	17.97 1.20 -0.93	25.97 1.20 -9.24	21.60 1.44 -2.24	29.60 2.10 -0.09	43.14 2.88 0.00	60.62 4.02 0.00	38.38 2.35 0.00	31.77 1.86 0.00	33.65 2.02 0.00	35.68 2.18 0.00	32.71 1.88 0.00	29.39 1.45 0.00
E179THST_13_KV_LOAD 356214	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.66 0.36 -8.85	15.68 0.22 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.54 0.10 -9.46	13.60 0.11 -11.53	13.70 0.32 -7.89	16.81 0.65 -5.42	17.60 0.45 -10.42	21.22 0.47 -14.73	18.06 1.29 -0.93	26.05 1.28 -9.24	21.71 1.54 -2.24	29.76 2.26 -0.09	43.38 3.12 0.00	60.96 4.35 0.00	38.59 2.56 0.00	31.94 2.03 0.00	33.83 2.21 0.00	35.88 2.37 0.00	32.88 2.06 0.00	29.56 1.62 0.00
EAST HAMPTON___GT 23717	16.02 -0.21 -17.67	18.59 -0.13 -19.60	16.09 0.80 -8.85	15.95 0.49 -11.35	16.37 -0.09 -17.27	15.50 0.05 -15.16	11.66 0.22 -9.46	13.72 0.24 -11.52	14.07 0.71 -7.88	18.81 1.51 -6.56	31.49 0.99 -23.77	27.50 0.99 -20.49	30.98 2.61 -12.52	37.29 2.54 -19.22	54.40 3.03 -33.44	39.70 4.72 -7.57	47.06 6.81 0.00	66.23 9.62 0.00	42.20 6.01 -0.15	34.62 4.70 0.00	36.47 4.84 0.00	38.59 5.09 0.00	35.53 4.71 0.00	31.82 3.88 0.00
EAST RIVER___6 23660	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.66 0.28 -7.89	16.75 0.59 -5.42	17.55 0.41 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.97 1.20 -9.25	21.67 1.51 -2.24	29.71 2.22 -0.09	43.29 3.03 0.00	60.75 4.15 0.00	38.35 2.32 0.00	31.75 1.84 0.00	33.57 1.95 0.00	35.58 2.08 0.00	32.64 1.82 0.00	29.32 1.38 0.00

EAST_RIVER___7 23524	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.66 0.28 -7.89	16.75 0.59 -5.42	17.55 0.41 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.97 1.20 -9.25	21.67 1.51 -2.24	29.71 2.22 -0.09	43.29 3.03 0.00	60.75 4.15 0.00	38.35 2.32 0.00	31.75 1.84 0.00	33.57 1.95 0.00	35.58 2.08 0.00	32.64 1.82 0.00	29.32 1.38 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.84 -0.07 -17.36	16.07 -0.05 -16.99	15.54 0.27 -8.83	15.60 0.16 -11.33	16.39 -0.03 -17.23	15.43 0.02 -15.13	11.49 0.07 -9.44	13.61 0.08 -11.58	13.70 0.24 -7.98	16.75 0.48 -5.51	17.47 0.34 -10.40	21.09 0.37 -14.70	17.84 1.00 -0.99	26.32 1.02 -9.78	21.56 1.24 -2.39	29.32 1.82 -0.09	42.79 2.53 0.00	60.12 3.53 0.00	38.05 2.02 0.00	31.52 1.61 0.00	33.36 1.73 0.00	35.35 1.84 0.00	32.42 1.60 0.00	29.12 1.18 0.00
EAST_HAMPTON___DIESEL 23722	16.02 -0.21 -17.67	18.59 -0.13 -19.60	16.09 0.80 -8.85	15.95 0.49 -11.35	16.37 -0.09 -17.27	15.50 0.05 -15.16	11.66 0.22 -9.46	13.72 0.24 -11.52	14.08 0.71 -7.88	18.81 1.51 -6.56	31.49 0.99 -23.77	27.50 0.99 -20.49	30.98 2.61 -12.52	37.30 2.55 -19.22	54.41 3.04 -33.44	39.72 4.74 -7.57	47.09 6.83 0.00	66.26 9.66 0.00	42.22 6.03 -0.15	34.63 4.72 0.00	36.48 4.86 0.00	38.60 5.10 0.00	35.54 4.72 0.00	31.82 3.89 0.00
EAST_PULASKI___ESR 323781	-5.62 0.03 4.21	-1.82 0.02 0.95	7.02 -0.12 -0.70	3.24 -0.08 0.79	-1.87 0.02 1.07	1.48 0.00 -1.19	2.69 -0.04 -0.75	2.76 -0.03 -0.82	5.92 -0.07 -0.50	10.94 -0.12 -0.30	7.48 -0.07 -0.82	7.07 -0.10 -1.16	15.47 -0.37 0.00	15.20 -0.42 -0.10	17.44 -0.49 0.00	26.67 -0.74 0.00	38.46 -0.94 0.86	55.26 -0.99 0.35	35.57 -0.46 0.00	29.63 -0.28 0.00	31.24 -0.38 0.00	32.35 -0.56 0.59	30.31 -0.51 0.00	27.54 -0.39 0.00
EAST_RIVER___1 323558	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.92 1.15 -0.93	25.93 1.16 -9.25	21.59 1.43 -2.24	29.58 2.08 -0.09	43.11 2.86 0.00	60.52 3.91 0.00	38.26 2.22 0.00	31.68 1.77 0.00	33.51 1.89 0.00	35.52 2.01 0.00	32.59 1.77 0.00	29.27 1.34 0.00
EAST_RIVER___2 323559	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.66 0.28 -7.89	16.75 0.59 -5.42	17.55 0.41 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.97 1.20 -9.25	21.67 1.51 -2.24	29.71 2.22 -0.09	43.29 3.03 0.00	60.75 4.15 0.00	38.35 2.32 0.00	31.75 1.84 0.00	33.57 1.95 0.00	35.58 2.08 0.00	32.64 1.82 0.00	29.32 1.38 0.00
EAST___DELAWARE_HYD 23607	14.15 -0.06 -15.66	14.41 -0.03 -15.33	14.60 0.19 -7.96	14.44 0.11 -10.21	14.71 -0.02 -15.54	13.94 0.01 -13.64	10.54 0.04 -8.51	11.19 0.06 -9.17	11.01 0.17 -5.36	14.23 0.34 -3.13	16.34 0.24 -9.38	19.53 0.25 -13.26	16.35 0.71 0.21	15.53 0.76 0.75	18.32 0.91 0.52	28.87 1.42 -0.05	42.44 2.19 0.00	59.90 3.30 0.00	38.04 2.00 0.00	31.55 1.64 0.00	33.36 1.73 0.00	35.29 1.78 0.00	32.29 1.47 0.00	28.96 1.02 0.00
EIGHT_POINT___WT_PWR 323820	2.16 0.00 -3.60	2.64 -0.01 -3.53	8.24 -0.04 -1.83	6.46 -0.01 -2.35	2.77 0.00 -3.57	3.41 -0.01 -3.14	3.90 -0.04 -1.96	4.17 0.04 -2.17	6.85 0.04 -1.32	11.81 0.26 -0.80	9.02 0.14 -2.16	9.20 0.12 -3.05	16.23 0.39 0.00	16.12 0.34 -0.25	18.28 0.36 0.00	28.31 0.90 0.00	41.57 1.31 0.00	58.00 1.40 0.00	37.12 1.09 0.00	30.72 0.80 0.00	32.49 0.87 0.00	34.80 1.30 0.00	32.07 1.25 0.00	29.19 1.25 0.00
ELBRIDGE_115KV_TB2 80188	0.50 0.00 -1.95	1.02 0.00 -1.91	7.46 0.03 -0.99	5.40 0.02 -1.27	1.12 0.00 -1.93	1.98 0.00 -1.70	3.04 0.00 -1.06	3.15 0.02 -1.17	6.22 0.02 -0.71	11.22 0.04 -0.43	7.90 0.01 -1.16	7.67 0.00 -1.65	15.82 -0.03 0.00	15.65 -0.01 -0.14	17.89 -0.03 0.00	27.42 0.01 0.00	40.24 -0.01 0.00	56.59 -0.01 0.00	36.12 0.09 0.00	29.95 0.04 0.00	31.62 0.00 0.00	33.62 0.11 0.00	30.96 0.14 0.00	28.20 0.26 0.00
ELEC_TRO_TEK 24086	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.64 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.67 0.30 -7.88	17.92 0.62 -6.56	30.92 0.42 -23.77	26.95 0.44 -20.49	29.56 1.19 -12.52	35.93 1.19 -19.22	52.79 1.42 -33.44	37.13 2.15 -7.56	43.27 3.01 0.00	60.81 4.21 0.00	38.69 2.50 -0.15	31.85 1.94 0.00	33.71 2.08 0.00	35.74 2.23 0.00	32.88 2.06 0.00	29.56 1.62 0.00
ELLENBURG_WT_PWR 323604	-9.33 0.17 8.05	-3.88 0.10 3.10	6.02 -0.61 -0.19	1.37 -0.44 2.30	-4.02 0.10 3.30	0.58 -0.03 -0.32	2.05 -0.14 -0.20	1.87 -0.31 -0.22	5.11 -0.51 -0.14	9.78 -1.05 -0.08	6.28 -0.67 -0.22	5.65 -0.69 -0.31	14.04 -1.81 0.00	13.66 -1.89 -0.03	15.81 -2.12 0.00	24.26 -3.15 0.00	22.58 -5.42 12.26	44.40 -7.21 4.99	31.81 -4.22 0.00	26.31 -3.61 0.00	26.66 -4.96 0.00	19.37 -5.64 8.50	25.84 -4.98 0.00	23.60 -4.34 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	1.38 -0.05 -2.87	1.90 -0.03 -2.81	8.16 0.25 -1.46	6.18 0.20 -1.87	1.99 -0.05 -2.85	2.77 -0.02 -2.50	3.61 0.06 -1.56	3.80 0.11 -1.73	6.65 0.11 -1.05	11.59 0.20 -0.64	8.52 0.07 -1.72	8.51 0.06 -2.43	16.07 0.22 0.00	15.87 0.14 -0.20	18.01 0.09 0.00	27.86 0.45 0.00	40.83 0.57 0.00	56.65 0.05 0.00	36.28 0.24 0.00	29.93 0.02 0.00	31.54 -0.09 0.00	34.02 0.52 0.00	31.44 0.61 0.00	28.98 1.04 0.00
EMPIRE_CC_1 323656	19.04 -0.01 -20.50	19.18 0.00 -20.07	16.96 0.09 -10.43	17.55 0.06 -13.38	19.53 -0.01 -20.35	18.16 0.01 -17.87	13.15 0.03 -11.14	14.58 0.02 -12.60	13.42 0.06 -7.88	15.83 0.12 -4.96	19.09 0.08 -12.28	23.46 0.08 -17.36	16.33 0.25 -0.23	19.21 0.22 -3.47	18.74 0.25 -0.57	27.57 0.31 0.15	40.73 0.47 0.00	57.43 0.82 0.00	36.47 0.44 0.00	30.33 0.42 0.00	32.22 0.59 -0.01	34.03 0.53 0.00	31.22 0.40 0.00	28.12 0.18 0.00
EMPIRE_CC_2 323658	19.04 -0.01 -20.50	19.18 0.00 -20.07	16.96 0.09 -10.43	17.55 0.06 -13.38	19.53 -0.01 -20.35	18.16 0.01 -17.87	13.15 0.03 -11.14	14.58 0.02 -12.60	13.42 0.06 -7.88	15.83 0.12 -4.96	19.09 0.08 -12.28	23.46 0.08 -17.36	16.33 0.25 -0.23	19.21 0.22 -3.47	18.74 0.25 -0.57	27.57 0.31 0.15	40.73 0.47 0.00	57.43 0.82 0.00	36.47 0.44 0.00	30.33 0.42 0.00	32.22 0.59 -0.01	34.03 0.53 0.00	31.22 0.40 0.00	28.12 0.18 0.00
ENORWICH_115KV_TB1 80156	3.71 -0.08 -5.24	4.20 -0.05 -5.13	9.48 0.37 -2.66	7.78 0.25 -3.42	4.35 -0.05 -5.20	4.87 0.02 -4.57	4.94 0.11 -2.85	5.25 0.14 -3.15	7.75 0.35 -1.91	12.56 0.64 -1.17	10.23 0.36 -3.14	10.78 0.32 -4.44	16.71 0.86 0.00	16.76 0.86 -0.37	18.97 1.04 0.00	29.26 1.85 0.00	43.17 2.92 0.00	60.85 4.25 0.00	39.18 3.15 0.00	32.63 2.72 0.00	34.55 2.92 0.00	36.57 3.06 0.00	33.31 2.49 0.00	30.12 2.18 0.00

ERIE_ST__34_KV_TB1-2 80199	1.47 -0.06 -2.98	2.00 -0.04 -2.92	8.26 0.30 -1.52	6.28 0.23 -1.94	2.09 -0.05 -2.96	2.87 -0.01 -2.60	3.68 0.08 -1.62	3.88 0.13 -1.79	6.75 0.18 -1.09	11.75 0.33 -0.67	8.67 0.15 -1.78	8.69 0.15 -2.52	16.32 0.48 0.00	16.15 0.42 -0.21	18.36 0.44 0.00	28.43 1.02 0.00	41.69 1.44 0.00	57.86 1.26 0.00	36.99 0.95 0.00	30.49 0.58 0.00	32.13 0.50 0.00	34.65 1.14 0.00	31.98 1.16 0.00	29.41 1.47 0.00
ERIE_WT_PWR 323693	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.21 0.27 -1.50	6.24 0.21 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.56	3.65 0.07 -1.60	3.85 0.12 -1.77	6.71 0.14 -1.08	11.67 0.26 -0.65	8.60 0.11 -1.76	8.61 0.10 -2.49	16.17 0.32 0.00	15.98 0.25 -0.21	18.16 0.23 0.00	28.08 0.68 0.00	41.18 0.93 0.00	57.14 0.54 0.00	36.58 0.55 0.00	30.18 0.26 0.00	31.81 0.19 0.00	34.29 0.78 0.00	31.69 0.87 0.00	29.17 1.23 0.00
ESPRGFLD_115KV_TB1 80157	-4.61 -0.07 3.09	-3.95 -0.05 3.03	5.18 0.31 1.57	2.30 0.20 2.02	-3.92 -0.03 3.07	-2.39 0.02 2.69	0.40 0.10 1.68	0.21 0.10 1.86	4.64 0.28 1.13	10.62 0.56 0.69	5.23 0.35 1.85	3.73 0.33 2.62	16.67 0.82 0.00	16.10 0.79 0.22	18.83 0.91 0.00	28.84 1.48 0.04	42.36 2.10 0.00	59.67 3.07 0.00	38.18 2.15 0.00	31.76 1.85 0.00	33.47 1.85 0.00	35.46 1.95 0.00	32.57 1.75 0.00	29.61 1.67 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	2.39 -0.03 -3.87	2.89 -0.02 -3.79	8.55 0.14 -1.97	6.73 0.10 -2.52	3.02 -0.02 -3.84	3.67 0.01 -3.37	4.13 0.04 -2.10	4.34 0.05 -2.33	7.03 0.13 -1.41	11.85 0.24 -0.86	9.17 0.12 -2.32	9.41 0.11 -3.28	16.11 0.26 0.00	16.07 0.27 -0.27	18.26 0.33 0.00	28.05 0.64 0.00	41.20 0.95 0.00	58.01 1.40 0.00	37.14 1.11 0.00	30.86 0.94 0.00	32.61 0.99 0.00	34.63 1.12 0.00	31.80 0.98 0.00	28.87 0.93 0.00
ETNA____115KV_TB2 80207	2.39 -0.03 -3.87	2.89 -0.02 -3.79	8.55 0.14 -1.97	6.73 0.10 -2.52	3.02 -0.02 -3.84	3.67 0.01 -3.37	4.13 0.04 -2.10	4.34 0.05 -2.33	7.03 0.13 -1.41	11.85 0.24 -0.86	9.17 0.12 -2.32	9.41 0.11 -3.28	16.11 0.26 0.00	16.07 0.27 -0.27	18.26 0.33 0.00	28.05 0.64 0.00	41.20 0.95 0.00	58.01 1.40 0.00	37.14 1.11 0.00	30.86 0.94 0.00	32.61 0.99 0.00	34.63 1.12 0.00	31.80 0.98 0.00	28.87 0.93 0.00
EUCLID____115KV_TB2 356179	-0.60 0.01 -0.84	0.35 0.00 -1.22	7.20 -0.03 -0.79	4.90 -0.02 -0.80	0.42 0.00 -1.23	1.63 0.00 -1.35	2.81 -0.01 -0.84	2.89 0.00 -0.93	6.02 -0.03 -0.56	11.04 -0.06 -0.34	7.61 -0.05 -0.93	7.27 -0.06 -1.31	15.68 -0.17 0.00	15.47 -0.16 -0.11	17.72 -0.21 0.00	27.11 -0.29 0.00	39.60 -0.42 0.24	55.85 -0.65 0.10	35.69 -0.35 0.00	29.61 -0.30 0.00	31.28 -0.34 0.00	33.05 -0.29 0.17	30.62 -0.20 0.00	27.91 -0.03 0.00
E_CANADA_CAP_HY 24051	25.01 -0.08 -26.54	25.05 -0.05 -25.98	20.27 0.33 -13.50	21.64 0.21 -17.31	25.50 -0.04 -26.35	23.44 0.02 -23.13	16.52 0.11 -14.43	18.18 0.11 -16.12	15.67 0.28 -9.90	17.44 0.57 -6.12	22.97 0.34 -15.90	28.81 0.31 -22.48	16.75 0.78 -0.13	19.27 0.77 -2.97	19.07 0.84 -0.31	28.71 1.36 0.05	42.21 1.96 0.00	59.67 3.08 0.00	38.29 2.25 0.00	31.95 2.04 0.00	33.67 2.04 -0.01	35.66 2.15 0.00	32.78 1.96 0.00	29.84 1.90 0.00
E_CANADA_MHWK_HY 24050	-0.04 0.04 -1.36	-0.29 0.03 -0.56	6.25 -0.20 0.00	4.40 -0.12 -0.41	-0.20 0.02 -0.60	0.27 -0.01 0.00	1.92 -0.06 0.00	1.91 -0.05 0.00	5.37 -0.12 0.00	10.58 -0.17 0.00	6.56 -0.17 0.00	5.91 -0.11 0.00	15.62 -0.22 0.00	15.45 -0.08 0.00	17.78 -0.15 0.00	27.10 -0.30 0.00	40.08 -0.18 0.00	56.54 -0.06 0.00	36.19 0.16 0.00	30.13 0.22 0.00	32.08 0.45 0.00	34.05 0.55 0.00	31.09 0.27 0.00	27.77 -0.16 0.00
E_FISHKILL____LBMP 23776	16.25 -0.06 -17.76	16.47 -0.04 -17.38	15.71 0.23 -9.03	15.84 0.14 -11.58	16.79 -0.02 -17.63	15.78 0.01 -15.48	11.69 0.06 -9.65	13.09 0.07 -11.06	12.71 0.20 -7.03	15.65 0.40 -4.50	17.65 0.29 -10.64	21.37 0.31 -15.04	17.01 0.84 -0.33	20.47 0.86 -4.09	19.76 1.04 -0.79	29.01 1.51 -0.09	42.37 2.12 0.00	59.60 3.00 0.00	37.74 1.71 0.00	31.29 1.38 0.00	33.13 1.50 0.00	35.08 1.57 0.00	32.17 1.34 0.00	28.92 0.98 0.00
FALCON____SEABRD_CC1 323796	-9.40 0.15 8.11	-3.91 0.10 3.13	6.07 -0.56 -0.19	1.39 -0.41 2.31	-4.05 0.09 3.33	0.58 -0.03 -0.32	2.06 -0.12 -0.20	1.88 -0.30 -0.22	5.15 -0.47 -0.14	9.87 -0.96 -0.08	6.34 -0.61 -0.23	5.70 -0.63 -0.32	14.19 -1.66 0.00	13.82 -1.73 -0.03	16.00 -1.93 0.00	24.59 -2.81 0.00	23.11 -4.91 12.23	44.99 -6.63 4.98	32.27 -3.77 0.00	26.71 -3.21 0.00	27.05 -4.57 0.00	19.71 -5.31 8.48	26.11 -4.71 0.00	23.84 -4.10 0.00
FALCON____SEABRD_CC2 323797	-9.40 0.15 8.11	-3.91 0.10 3.13	6.07 -0.56 -0.19	1.39 -0.41 2.31	-4.05 0.09 3.33	0.58 -0.03 -0.32	2.06 -0.12 -0.20	1.88 -0.30 -0.22	5.15 -0.47 -0.14	9.87 -0.96 -0.08	6.34 -0.61 -0.23	5.70 -0.63 -0.32	14.19 -1.66 0.00	13.82 -1.73 -0.03	16.00 -1.93 0.00	24.59 -2.81 0.00	23.11 -4.91 12.23	44.99 -6.63 4.98	32.27 -3.77 0.00	26.71 -3.21 0.00	27.05 -4.57 0.00	19.71 -5.31 8.48	26.11 -4.71 0.00	23.84 -4.10 0.00
FAR ROCKAWAY____4 23548	16.11 -0.11 -17.67	18.64 -0.07 -19.59	15.73 0.43 -8.85	15.73 0.26 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.56 0.11 -9.46	13.62 0.13 -11.52	13.75 0.38 -7.88	18.08 0.77 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.82 1.45 -12.52	36.14 1.39 -19.22	53.05 1.68 -33.44	37.55 2.58 -7.56	43.96 3.70 0.00	61.78 5.18 0.00	39.29 3.10 -0.15	32.33 2.42 0.00	34.18 2.56 0.00	36.26 2.76 0.00	33.36 2.54 0.00	30.00 2.06 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.28 -7.89	16.73 0.56 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.93 1.16 -0.93	25.94 1.17 -9.25	21.60 1.43 -2.24	29.58 2.09 -0.09	43.12 2.86 0.00	60.52 3.92 0.00	38.27 2.24 0.00	31.70 1.78 0.00	33.53 1.91 0.00	35.54 2.04 0.00	32.61 1.79 0.00	29.29 1.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.66 0.28 -7.89	16.73 0.57 -5.42	17.54 0.40 -10.42	21.18 0.42 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.25	21.61 1.45 -2.24	29.61 2.11 -0.09	43.14 2.88 0.00	60.57 3.97 0.00	38.31 2.27 0.00	31.72 1.81 0.00	33.57 1.94 0.00	35.57 2.07 0.00	32.64 1.81 0.00	29.32 1.38 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.91 1.14 -0.93	25.93 1.16 -9.25	21.58 1.42 -2.24	29.56 2.07 -0.09	43.09 2.83 0.00	60.49 3.89 0.00	38.24 2.21 0.00	31.67 1.76 0.00	33.51 1.89 0.00	35.52 2.00 0.00	32.59 1.77 0.00	29.27 1.34 0.00

FARRAGUT___LBMP 323566	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.54 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.25	21.57 1.40 -2.24	29.53 2.04 -0.09	43.05 2.79 0.00	60.43 3.83 0.00	38.21 2.18 0.00	31.65 1.73 0.00	33.48 1.85 0.00	35.48 1.98 0.00	32.56 1.74 0.00	29.25 1.31 0.00
FENNER___WINDPWR 24204	2.40 -0.01 -3.85	1.92 -0.01 -2.80	7.58 0.05 -1.09	6.06 0.03 -1.91	2.05 0.00 -2.87	2.15 0.00 -1.87	3.16 0.01 -1.16	3.27 0.02 -1.29	6.34 0.07 -0.78	11.36 0.14 -0.48	8.09 0.08 -1.28	7.90 0.07 -1.81	15.98 0.13 0.00	15.79 0.11 -0.15	18.07 0.14 0.00	27.70 0.29 0.00	40.47 0.53 0.32	57.29 0.82 0.13	36.74 0.70 0.00	30.56 0.65 0.00	32.26 0.63 0.00	33.90 0.62 0.22	31.32 0.50 0.00	28.41 0.47 0.00
FIBERTEK___ENERGY 23856	0.39 -0.01 -1.84	0.92 -0.01 -1.80	7.42 0.03 -0.94	5.34 0.03 -1.20	1.01 0.00 -1.83	1.89 0.00 -1.61	2.99 0.01 -1.00	3.08 0.02 -1.11	6.19 0.03 -0.67	11.22 0.06 -0.41	7.86 0.03 -1.10	7.59 0.01 -1.56	15.86 0.02 0.00	15.68 0.03 -0.13	17.94 0.02 0.00	27.48 0.07 0.00	40.17 0.13 0.21	56.70 0.18 0.09	36.22 0.19 0.00	30.05 0.14 0.00	31.73 0.11 0.00	33.55 0.19 0.15	31.03 0.21 0.00	28.26 0.33 0.00
FITZPATRICK____ 23598	-0.33 0.03 -1.08	0.20 0.02 -1.06	6.87 -0.12 -0.55	4.74 -0.08 -0.71	0.28 0.02 -1.07	1.22 -0.01 -0.94	2.53 -0.04 -0.59	2.58 -0.03 -0.65	5.77 -0.11 -0.39	10.77 -0.22 -0.24	7.22 -0.15 -0.65	6.78 -0.16 -0.92	15.41 -0.44 0.00	15.17 -0.44 -0.08	17.39 -0.53 0.00	26.61 -0.80 0.00	39.08 -1.18 0.00	54.90 -1.70 0.00	35.01 -1.02 0.00	29.06 -0.86 0.00	30.70 -0.92 0.00	32.58 -0.92 0.00	30.05 -0.77 0.00	27.41 -0.52 0.00
FLOWRFLD_69_KV_BK1 356044	16.10 -0.12 -17.67	18.63 -0.08 -19.59	15.76 0.47 -8.85	15.75 0.28 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.13 -9.46	13.63 0.14 -11.52	13.78 0.41 -7.88	18.15 0.84 -6.56	31.05 0.55 -23.77	27.08 0.57 -20.49	29.91 1.54 -12.52	36.30 1.55 -19.22	53.21 1.84 -33.44	37.66 2.68 -7.56	43.99 3.73 0.00	61.85 5.24 0.00	39.43 3.24 -0.15	32.38 2.46 0.00	34.22 2.59 0.00	36.30 2.79 0.00	33.50 2.68 0.00	30.12 2.19 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.94 -0.07 -17.46	16.16 -0.05 -17.09	15.62 0.30 -8.88	15.69 0.19 -11.39	16.49 -0.03 -17.33	15.52 0.02 -15.22	11.55 0.08 -9.49	12.56 0.09 -10.51	12.13 0.26 -6.38	15.17 0.53 -3.89	17.56 0.37 -10.46	21.19 0.39 -14.79	16.91 1.06 0.00	17.85 1.09 -1.23	19.26 1.34 0.00	29.45 1.98 -0.07	43.16 2.90 0.00	60.74 4.13 0.00	38.49 2.46 0.00	31.90 1.99 0.00	33.75 2.12 0.00	35.70 2.19 0.00	32.69 1.87 0.00	29.37 1.43 0.00
FORT ORANGE____ 23900	19.69 -0.02 -21.16	19.82 -0.01 -20.71	17.28 0.08 -10.76	17.97 0.05 -13.80	20.18 -0.01 -21.00	18.73 0.01 -18.44	13.51 0.03 -11.50	14.92 0.02 -12.94	13.60 0.07 -8.03	15.90 0.12 -5.02	19.48 0.08 -12.67	24.04 0.10 -17.92	16.32 0.28 -0.18	18.93 0.31 -3.10	18.76 0.39 -0.45	27.82 0.49 0.08	41.03 0.78 0.00	57.86 1.26 0.00	36.75 0.72 0.00	30.59 0.68 0.00	32.48 0.85 -0.01	34.31 0.80 0.00	31.43 0.61 0.00	28.28 0.34 0.00
FORT_DRUM_COGEN 23780	-19.21 0.09 17.85	-7.60 0.06 6.78	6.59 -0.37 -0.51	-1.18 -0.26 5.04	-7.99 0.06 7.23	1.16 0.00 -0.87	2.41 -0.11 -0.54	2.47 -0.09 -0.60	5.70 -0.15 -0.37	10.70 -0.27 -0.22	7.19 -0.14 -0.60	6.67 -0.20 -0.85	15.01 -0.84 0.00	14.55 -1.05 -0.07	16.72 -1.21 0.00	25.59 -1.82 0.00	35.52 -2.09 2.64	53.86 -1.67 1.08	35.45 -0.58 0.00	29.73 -0.19 0.00	31.11 -0.52 0.00	30.42 -1.26 1.83	29.50 -1.32 0.00	26.63 -1.31 0.00
FPL_FAR_ROCK_GT1 24212	16.11 -0.11 -17.67	18.65 -0.07 -19.60	15.73 0.43 -8.85	15.73 0.26 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.56 0.11 -9.46	13.62 0.13 -11.52	13.75 0.38 -7.88	18.08 0.77 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.82 1.45 -12.52	36.14 1.40 -19.22	53.05 1.68 -33.44	37.56 2.59 -7.57	43.96 3.70 0.00	61.79 5.19 0.00	39.28 3.10 -0.15	32.33 2.42 0.00	34.18 2.55 0.00	36.27 2.76 0.00	33.36 2.54 0.00	30.00 2.06 0.00
FPL_FAR_ROCK_GT2 23815	16.11 -0.11 -17.67	18.65 -0.07 -19.60	15.73 0.43 -8.85	15.73 0.26 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.56 0.11 -9.46	13.62 0.13 -11.52	13.75 0.38 -7.88	18.08 0.77 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.82 1.45 -12.52	36.14 1.40 -19.22	53.05 1.68 -33.44	37.56 2.59 -7.57	43.96 3.70 0.00	61.79 5.19 0.00	39.28 3.10 -0.15	32.33 2.42 0.00	34.18 2.55 0.00	36.27 2.76 0.00	33.36 2.54 0.00	30.00 2.06 0.00
FRANKLIN_FALL_HYD 24054	-10.90 0.16 9.61	-4.50 0.11 3.73	6.05 -0.60 -0.21	0.91 -0.45 2.76	-4.68 0.10 3.96	0.61 -0.03 -0.35	2.07 -0.14 -0.22	1.90 -0.31 -0.25	5.13 -0.51 -0.15	9.81 -1.03 -0.09	6.31 -0.66 -0.24	5.68 -0.69 -0.34	14.02 -1.82 0.00	17.24 -1.92 -3.64	15.81 -2.12 0.00	24.23 -3.18 0.00	23.40 -5.35 11.51	44.95 -6.96 4.68	32.03 -4.00 0.00	26.55 -3.37 0.00	27.05 -4.57 0.00	20.27 -5.26 7.98	26.19 -4.63 0.00	23.86 -4.08 0.00
FREEPORT_EQUS_GT1 23764	16.12 -0.10 -17.67	18.65 -0.07 -19.60	15.69 0.39 -8.85	15.70 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.60 0.12 -11.52	13.72 0.35 -7.88	18.01 0.70 -6.56	30.98 0.48 -23.77	27.01 0.50 -20.49	29.72 1.35 -12.52	36.10 1.35 -19.22	52.99 1.62 -33.44	37.44 2.46 -7.57	43.71 3.46 0.00	61.29 4.69 0.00	39.01 2.82 -0.15	32.08 2.17 0.00	34.05 2.43 0.00	36.11 2.61 0.00	33.23 2.41 0.00	29.87 1.93 0.00
FREEPORT___CT2 23818	16.12 -0.10 -17.67	18.65 -0.07 -19.60	15.69 0.39 -8.85	15.70 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.60 0.12 -11.52	13.72 0.35 -7.88	18.01 0.70 -6.56	30.98 0.48 -23.77	27.01 0.50 -20.49	29.72 1.35 -12.52	36.10 1.35 -19.22	52.99 1.62 -33.44	37.44 2.46 -7.57	43.71 3.46 0.00	61.29 4.69 0.00	39.01 2.82 -0.15	32.08 2.17 0.00	34.05 2.43 0.00	36.11 2.61 0.00	33.23 2.41 0.00	29.87 1.93 0.00
FRESHKLS_33_KV_LOAD 356253	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.58 0.29 -8.85	15.63 0.16 -11.35	16.43 -0.02 -17.27	15.47 0.03 -15.16	11.51 0.07 -9.46	13.57 0.09 -11.53	13.62 0.24 -7.89	16.68 0.51 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.91 1.14 -0.93	20.30 1.15 -3.63	21.58 1.42 -2.24	29.54 2.04 -0.09	41.57 2.73 1.41	60.41 3.81 0.00	38.26 2.23 0.00	31.71 1.80 0.00	33.61 1.99 0.00	35.69 2.18 0.00	32.73 1.90 0.00	29.46 1.52 0.00
FULTON COGEN____ 23766	-1.45 0.01 0.02	-0.04 0.01 -0.84	7.15 -0.05 -0.75	4.60 -0.03 -0.51	0.01 0.00 -0.82	1.58 0.00 -1.29	2.77 -0.01 -0.80	2.85 0.00 -0.89	5.99 -0.04 -0.54	11.00 -0.08 -0.33	7.55 -0.06 -0.89	7.19 -0.09 -1.26	15.60 -0.25 0.00	15.37 -0.26 -0.10	17.64 -0.28 0.00	27.00 -0.40 0.00	39.34 -0.61 0.31	55.74 -0.74 0.13	35.65 -0.38 0.00	29.62 -0.29 0.00	31.30 -0.32 0.00	32.98 -0.31 0.22	30.58 -0.24 0.00	27.87 -0.07 0.00

FULTON___LFGE 323630	23.38 -0.13 -24.96	23.47 -0.08 -24.43	19.67 0.53 -12.69	20.73 0.34 -16.28	23.90 -0.06 -24.77	22.06 0.03 -21.75	15.73 0.18 -13.57	17.28 0.14 -15.18	15.09 0.25 -9.36	17.39 0.83 -5.80	21.77 0.09 -14.95	27.59 0.44 -21.13	16.29 0.30 -0.15	19.62 1.07 -3.03	19.01 0.73 -0.35	27.78 0.43 0.06	41.32 1.06 0.00	59.98 3.37 0.00	39.96 3.93 0.00	33.58 3.67 0.00	35.42 3.79 -0.01	37.39 3.88 0.00	34.13 3.31 0.00	30.84 2.90 0.00
G.F.CEMENT___DRP 24184	20.47 -0.07 -21.99	20.60 -0.04 -21.53	17.94 0.32 -11.18	18.67 0.21 -14.34	20.99 -0.03 -21.83	19.46 0.01 -19.17	14.03 0.09 -11.95	15.50 0.09 -13.44	14.08 0.25 -8.34	16.45 0.49 -5.21	20.17 0.27 -13.17	24.89 0.25 -18.62	16.79 0.76 -0.18	19.38 0.70 -3.16	19.20 0.83 -0.45	28.68 1.36 0.09	42.92 2.66 0.00	60.63 4.03 0.00	38.79 2.76 0.00	32.25 2.34 0.00	34.02 2.39 -0.01	35.78 2.28 0.00	32.72 1.89 0.00	29.36 1.42 0.00
GARDENVILLE___LBMP 24039	1.44 -0.05 -2.93	1.96 -0.03 -2.87	8.19 0.25 -1.49	6.22 0.19 -1.91	2.05 -0.05 -2.91	2.82 -0.01 -2.55	3.64 0.06 -1.59	3.83 0.11 -1.76	6.68 0.13 -1.07	11.63 0.23 -0.65	8.57 0.09 -1.75	8.58 0.08 -2.48	16.13 0.28 0.00	15.93 0.20 -0.21	18.09 0.17 0.00	28.00 0.59 0.00	41.03 0.77 0.00	56.94 0.34 0.00	36.45 0.41 0.00	30.06 0.15 0.00	31.67 0.05 0.00	34.16 0.65 0.00	31.56 0.74 0.00	29.06 1.12 0.00
GARDNVLA_35_KV_LD 355827	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.23 0.29 -1.50	6.25 0.22 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.57	3.65 0.07 -1.60	3.85 0.12 -1.77	6.71 0.15 -1.08	11.68 0.27 -0.66	8.62 0.13 -1.76	8.62 0.11 -2.49	16.21 0.36 0.00	16.02 0.28 -0.21	18.19 0.27 0.00	28.15 0.74 0.00	41.27 1.01 0.00	57.27 0.67 0.00	36.66 0.62 0.00	30.24 0.32 0.00	31.86 0.24 0.00	34.36 0.85 0.00	31.74 0.92 0.00	29.22 1.28 0.00
GELCKHM___115KV_LOAD 80723	-0.55 0.00 -0.90	0.43 0.00 -1.31	7.28 -0.01 -0.84	4.96 0.00 -0.85	0.50 0.00 -1.31	1.73 0.00 -1.44	2.88 -0.01 -0.90	2.96 0.00 -1.00	6.08 -0.01 -0.61	11.10 -0.02 -0.37	7.70 -0.02 -0.99	7.39 -0.03 -1.40	15.74 -0.10 0.00	15.54 -0.10 -0.12	17.79 -0.13 0.00	27.25 -0.16 0.00	39.81 -0.22 0.23	56.18 -0.33 0.09	35.90 -0.14 0.00	29.78 -0.13 0.00	31.45 -0.18 0.00	33.23 -0.12 0.16	30.76 -0.06 0.00	28.03 0.09 0.00
GENERAL___MILLS 23808	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.21 0.27 -1.50	6.24 0.21 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.56	3.65 0.07 -1.60	3.84 0.12 -1.77	6.70 0.14 -1.08	11.66 0.26 -0.65	8.60 0.11 -1.76	8.61 0.10 -2.49	16.17 0.32 0.00	15.98 0.25 -0.21	18.15 0.22 0.00	28.08 0.67 0.00	41.17 0.91 0.00	57.13 0.53 0.00	36.56 0.52 0.00	30.16 0.24 0.00	31.78 0.16 0.00	34.28 0.77 0.00	31.66 0.84 0.00	29.15 1.21 0.00
GE_PLASTICS___DRP 24183	19.69 -0.02 -21.16	19.82 -0.01 -20.71	17.29 0.09 -10.76	17.98 0.06 -13.80	20.18 -0.01 -21.00	18.73 0.00 -18.44	13.52 0.03 -11.50	14.93 0.03 -12.94	13.61 0.08 -8.04	15.93 0.15 -5.02	19.50 0.10 -12.68	24.05 0.11 -17.92	16.35 0.32 -0.18	18.96 0.33 -3.10	18.78 0.40 -0.45	27.89 0.54 0.06	41.08 0.83 0.00	57.85 1.25 0.00	36.73 0.69 0.00	30.54 0.62 0.00	32.40 0.77 -0.01	34.26 0.75 0.00	31.41 0.59 0.00	28.29 0.35 0.00
GILBOA___1 23756	15.27 -0.04 -16.76	15.50 -0.02 -16.40	15.10 0.14 -8.52	15.13 0.09 -10.93	15.80 -0.02 -16.63	14.90 0.01 -14.60	11.15 0.06 -9.11	12.08 0.04 -10.08	11.73 0.12 -6.12	14.72 0.24 -3.73	16.93 0.16 -10.04	20.38 0.17 -14.19	16.31 0.46 0.00	17.18 0.46 -1.18	18.49 0.56 0.00	28.23 0.82 0.00	41.46 1.20 0.00	58.19 1.59 0.00	36.88 0.85 0.00	30.69 0.78 0.00	32.55 0.93 0.00	34.47 0.96 0.00	31.63 0.81 0.00	28.53 0.59 0.00
GILBOA___2 23757	15.27 -0.04 -16.76	15.50 -0.02 -16.40	15.10 0.14 -8.52	15.13 0.09 -10.93	15.80 -0.02 -16.63	14.90 0.01 -14.60	11.15 0.06 -9.11	12.08 0.04 -10.08	11.73 0.12 -6.12	14.72 0.24 -3.73	16.93 0.16 -10.04	20.38 0.17 -14.19	16.31 0.46 0.00	17.18 0.46 -1.18	18.49 0.56 0.00	28.23 0.82 0.00	41.46 1.20 0.00	58.19 1.59 0.00	36.88 0.85 0.00	30.69 0.78 0.00	32.55 0.93 0.00	34.47 0.96 0.00	31.63 0.81 0.00	28.53 0.59 0.00
GILBOA___3 23758	15.27 -0.04 -16.76	15.50 -0.02 -16.40	15.10 0.14 -8.52	15.13 0.09 -10.93	15.80 -0.02 -16.63	14.90 0.01 -14.60	11.15 0.06 -9.11	12.08 0.04 -10.08	11.73 0.12 -6.12	14.72 0.24 -3.73	16.93 0.16 -10.04	20.38 0.17 -14.19	16.31 0.46 0.00	17.18 0.46 -1.18	18.49 0.56 0.00	28.23 0.82 0.00	41.46 1.20 0.00	58.19 1.59 0.00	36.88 0.85 0.00	30.69 0.78 0.00	32.55 0.93 0.00	34.47 0.96 0.00	31.63 0.81 0.00	28.53 0.59 0.00
GILBOA___4 23759	15.27 -0.04 -16.76	15.50 -0.02 -16.40	15.10 0.14 -8.52	15.13 0.09 -10.93	15.80 -0.02 -16.63	14.90 0.01 -14.60	11.15 0.06 -9.11	12.08 0.04 -10.08	11.73 0.12 -6.12	14.72 0.24 -3.73	16.93 0.16 -10.04	20.38 0.17 -14.19	16.31 0.46 0.00	17.18 0.46 -1.18	18.49 0.56 0.00	28.23 0.82 0.00	41.46 1.20 0.00	58.19 1.59 0.00	36.88 0.85 0.00	30.69 0.78 0.00	32.55 0.93 0.00	34.47 0.96 0.00	31.63 0.81 0.00	28.53 0.59 0.00
GILBOA___ 23599	15.27 -0.04 -16.76	15.50 -0.02 -16.40	15.10 0.14 -8.52	15.13 0.09 -10.93	15.80 -0.02 -16.63	14.90 0.01 -14.60	11.15 0.06 -9.11	12.08 0.04 -10.08	11.73 0.12 -6.12	14.72 0.24 -3.73	16.93 0.16 -10.04	20.38 0.17 -14.19	16.31 0.46 0.00	17.18 0.46 -1.18	18.49 0.56 0.00	28.23 0.82 0.00	41.46 1.20 0.00	58.18 1.58 0.00	36.88 0.85 0.00	30.69 0.78 0.00	32.55 0.92 0.00	34.47 0.96 0.00	31.63 0.81 0.00	28.53 0.59 0.00
GINNA___ 23603	0.69 0.04 -2.10	1.20 0.02 -2.06	7.36 -0.16 -1.07	5.40 -0.09 -1.37	1.29 0.01 -2.08	2.09 -0.02 -1.83	3.07 -0.06 -1.14	3.18 -0.04 -1.26	6.06 -0.20 -0.77	10.81 -0.41 -0.47	7.71 -0.28 -1.26	7.54 -0.26 -1.78	15.14 -0.71 0.00	15.01 -0.66 -0.15	17.19 -0.73 0.00	26.48 -0.92 0.00	38.94 -1.32 0.00	54.58 -2.02 0.00	34.96 -1.08 0.00	28.91 -1.00 0.00	30.49 -1.14 0.00	32.53 -0.97 0.00	29.95 -0.87 0.00	27.39 -0.55 0.00
GLEN PARK___ 23778	-18.17 0.08 16.80	-7.16 0.05 6.33	6.66 -0.31 -0.52	-0.82 -0.23 4.71	-7.52 0.05 6.75	1.18 0.00 -0.90	2.44 -0.10 -0.56	2.50 -0.08 -0.62	5.75 -0.11 -0.37	10.79 -0.19 -0.23	7.26 -0.08 -0.62	6.73 -0.16 -0.87	15.07 -0.78 0.00	14.62 -0.98 -0.07	16.79 -1.13 0.00	25.70 -1.71 0.00	35.91 -1.85 2.50	54.38 -1.20 1.02	35.74 -0.29 0.00	30.03 0.12 0.00	31.45 -0.17 0.00	30.89 -0.88 1.74	29.83 -0.99 0.00	26.91 -1.03 0.00
GLENDALE_27_KV_LOAD 356172	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.65 0.35 -8.85	15.67 0.21 -11.35	16.42 -0.04 -17.27	15.47 0.03 -15.16	11.53 0.09 -9.46	13.60 0.11 -11.53	13.69 0.31 -7.89	16.80 0.63 -5.42	17.59 0.44 -10.42	21.21 0.46 -14.73	18.04 1.27 -0.93	26.05 1.27 -9.24	21.72 1.55 -2.24	29.77 2.28 -0.09	43.36 3.11 0.00	60.82 4.22 0.00	38.47 2.44 0.00	31.89 1.98 0.00	33.79 2.17 0.00	35.83 2.32 0.00	32.86 2.03 0.00	29.52 1.58 0.00

GLENWOOD_IC_1_G5 23712	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.64 0.35 -8.85	15.67 0.21 -11.35	16.43 -0.04 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.68 0.31 -7.88	17.94 0.63 -6.56	30.93 0.44 -23.77	26.97 0.46 -20.49	29.62 1.25 -12.52	36.02 1.27 -19.22	52.89 1.52 -33.44	37.08 2.11 -7.56	43.21 2.95 0.00	60.74 4.14 0.00	38.59 2.41 -0.15	31.80 1.88 0.00	33.66 2.03 0.00	35.86 2.35 0.00	32.91 2.09 0.00	29.57 1.63 0.00
GLENWOOD_IC_2_G1 23688	16.14 -0.08 -17.67	18.67 -0.05 -19.60	15.61 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.53 0.08 -9.46	13.58 0.09 -11.52	13.65 0.28 -7.88	17.88 0.57 -6.56	30.89 0.40 -23.77	26.93 0.42 -20.49	29.52 1.15 -12.52	35.91 1.16 -19.22	52.77 1.40 -33.44	37.05 2.08 -7.57	43.15 2.90 0.00	60.64 4.04 0.00	38.54 2.36 -0.15	31.77 1.86 0.00	33.62 1.99 0.00	35.65 2.14 0.00	32.72 1.89 0.00	29.39 1.45 0.00
GLENWOOD_IC_3_G1 23689	16.14 -0.08 -17.67	18.67 -0.05 -19.60	15.61 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.53 0.08 -9.46	13.58 0.09 -11.52	13.65 0.28 -7.88	17.88 0.57 -6.56	30.89 0.40 -23.77	26.93 0.42 -20.49	29.52 1.15 -12.52	35.91 1.16 -19.22	52.77 1.40 -33.44	37.05 2.08 -7.57	43.15 2.90 0.00	60.64 4.04 0.00	38.54 2.36 -0.15	31.77 1.86 0.00	33.62 1.99 0.00	35.65 2.14 0.00	32.72 1.89 0.00	29.39 1.45 0.00
GLENWOOD___4 23550	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.64 0.35 -8.85	15.67 0.21 -11.35	16.43 -0.04 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.68 0.31 -7.88	17.94 0.63 -6.56	30.93 0.44 -23.77	26.97 0.46 -20.49	29.62 1.25 -12.52	36.02 1.27 -19.22	52.89 1.52 -33.44	37.15 2.18 -7.56	43.32 3.06 0.00	60.87 4.27 0.00	38.70 2.51 -0.15	31.87 1.96 0.00	33.73 2.11 0.00	35.86 2.35 0.00	32.91 2.09 0.00	29.57 1.63 0.00
GLENWOOD___5 23614	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.64 0.35 -8.85	15.67 0.21 -11.35	16.43 -0.04 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.68 0.31 -7.88	17.94 0.63 -6.56	30.93 0.44 -23.77	26.97 0.46 -20.49	29.62 1.25 -12.52	36.02 1.27 -19.22	52.89 1.52 -33.44	37.15 2.18 -7.56	43.32 3.06 0.00	60.87 4.27 0.00	38.70 2.51 -0.15	31.87 1.96 0.00	33.73 2.11 0.00	35.86 2.35 0.00	32.91 2.09 0.00	29.57 1.63 0.00
GLOBAL GREEN_PORT_GT1 23814	16.03 -0.20 -17.67	18.60 -0.12 -19.60	16.06 0.77 -8.85	15.93 0.47 -11.35	16.37 -0.09 -17.27	15.50 0.05 -15.16	11.66 0.22 -9.46	13.71 0.23 -11.52	14.05 0.69 -7.88	18.76 1.45 -6.56	31.44 0.95 -23.77	27.46 0.95 -20.49	30.89 2.51 -12.52	37.21 2.47 -19.22	54.31 2.94 -33.44	39.57 4.59 -7.57	46.84 6.59 0.00	65.93 9.33 0.00	42.02 5.84 -0.15	34.48 4.57 0.00	36.34 4.71 0.00	38.45 4.94 0.00	35.38 4.56 0.00	31.69 3.75 0.00
GLOBE___DSASP 323697	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.02 0.20 -1.38	6.04 0.16 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.67 0.08 -1.63	6.47 0.00 -0.99	11.27 -0.08 -0.60	8.23 -0.12 -1.62	8.21 -0.11 -2.29	15.60 -0.25 0.00	15.37 -0.35 -0.19	17.41 -0.51 0.00	26.92 -0.49 0.00	39.41 -0.85 0.00	54.59 -2.01 0.00	35.03 -1.01 0.00	28.94 -0.97 0.00	30.51 -1.12 0.00	33.03 -0.48 0.00	30.55 -0.27 0.00	28.25 0.31 0.00
GOETHSLN___LBMP 323567	15.88 -0.07 -17.40	16.10 -0.04 -17.03	15.55 0.26 -8.85	15.62 0.15 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.08 -11.53	13.62 0.24 -7.89	16.65 0.48 -5.42	17.49 0.34 -10.42	21.13 0.38 -14.73	17.82 1.05 -0.93	20.18 1.07 -3.59	21.48 1.32 -2.24	29.40 1.91 -0.09	42.83 2.57 0.00	60.12 3.52 0.00	38.02 1.98 0.00	31.49 1.58 0.00	33.29 1.67 0.00	35.27 1.76 0.00	32.36 1.54 0.00	29.08 1.14 0.00
GOLAH___69_KV_TB 1_2 80279	0.70 -0.06 -2.20	1.24 -0.03 -2.16	7.85 0.28 -1.12	5.77 0.22 -1.44	1.32 -0.05 -2.19	2.20 -0.01 -1.92	3.27 0.09 -1.20	3.39 0.11 -1.33	6.45 0.15 -0.81	11.43 0.19 -0.49	8.12 0.07 -1.32	7.94 0.05 -1.87	16.05 0.20 0.00	15.84 0.16 -0.16	18.09 0.16 0.00	27.98 0.57 0.00	41.10 0.85 0.00	57.40 0.80 0.00	36.91 0.88 0.00	30.50 0.59 0.00	32.15 0.53 0.00	34.46 0.95 0.00	31.82 1.00 0.00	29.22 1.28 0.00
GOODYEAR_LAKE_HYD 323669	2.61 -0.06 -4.12	3.11 -0.03 -4.03	8.77 0.23 -2.09	6.95 0.15 -2.68	3.25 -0.03 -4.09	3.89 0.01 -3.59	4.29 0.07 -2.24	4.51 0.08 -2.48	7.21 0.21 -1.50	12.10 0.43 -0.92	9.47 0.28 -2.46	9.77 0.26 -3.49	16.55 0.70 0.00	16.51 0.69 -0.29	18.74 0.82 0.00	28.71 1.30 0.00	42.15 1.89 0.00	59.25 2.65 0.00	37.76 1.73 0.00	31.36 1.45 0.00	33.12 1.49 0.00	35.09 1.58 0.00	32.19 1.37 0.00	29.14 1.20 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	4.04 -0.03 -5.51	4.50 -0.02 -5.40	9.37 0.12 -2.80	7.80 0.09 -3.60	4.65 -0.01 -5.47	5.10 0.02 -4.81	5.02 0.04 -3.00	5.33 0.05 -3.32	7.61 0.11 -2.01	12.21 0.23 -1.23	10.16 0.13 -3.30	10.82 0.13 -4.67	16.19 0.35 0.00	16.27 0.35 -0.39	18.35 0.42 0.00	28.18 0.77 0.00	41.35 1.10 0.00	57.86 1.26 0.00	36.84 0.80 0.00	30.52 0.60 0.00	32.23 0.61 0.00	34.32 0.81 0.00	31.55 0.73 0.00	28.61 0.67 0.00
GOUDEY___7 23579	4.04 -0.03 -5.51	4.50 -0.02 -5.40	9.37 0.12 -2.80	7.80 0.09 -3.60	4.65 -0.01 -5.47	5.10 0.02 -4.81	5.02 0.04 -3.00	5.33 0.06 -3.32	7.62 0.12 -2.01	12.21 0.23 -1.23	10.17 0.14 -3.30	10.82 0.13 -4.67	16.21 0.36 0.00	16.28 0.37 -0.39	18.36 0.44 0.00	28.21 0.80 0.00	41.41 1.15 0.00	57.94 1.33 0.00	36.88 0.85 0.00	30.56 0.64 0.00	32.27 0.64 0.00	34.35 0.85 0.00	31.58 0.76 0.00	28.64 0.70 0.00
GOUDEY___8 23580	4.04 -0.03 -5.51	4.50 -0.02 -5.40	9.37 0.12 -2.80	7.80 0.09 -3.60	4.65 -0.01 -5.47	5.10 0.02 -4.81	5.02 0.04 -3.00	5.33 0.05 -3.32	7.61 0.11 -2.01	12.21 0.23 -1.23	10.16 0.13 -3.30	10.82 0.13 -4.67	16.19 0.35 0.00	16.27 0.35 -0.39	18.35 0.42 0.00	28.18 0.77 0.00	41.35 1.10 0.00	57.86 1.26 0.00	36.84 0.80 0.00	30.52 0.60 0.00	32.23 0.61 0.00	34.32 0.81 0.00	31.55 0.73 0.00	28.61 0.67 0.00
GOWANUS_GT1_1 24077	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT1_2 24078	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00

GOWANUS_GT1_3 24079	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT1_4 24080	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT1_5 24084	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT1_6 24111	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT1_7 24112	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT1_8 24113	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT2_1 24114	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT2_2 24115	15.86 -0.09 -17.40																							

GOWANUS_GT3_2 24123	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT3_3 24124	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT3_4 24125	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT3_5 24126	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT3_6 24127	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT3_7 24128	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT3_8 24129	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GOWANUS_GT4_1 24130	15.86 -0.09 -17.40																							

GREENBSH_115KV_TB3 55895	19.80 -0.01 -21.26	19.93 0.00 -20.81	17.30 0.05 -10.81	18.01 0.03 -13.87	20.28 -0.01 -21.10	18.82 0.00 -18.53	13.56 0.02 -11.56	14.98 0.01 -13.01	13.62 0.05 -8.08	15.89 0.08 -5.06	19.52 0.06 -12.73	24.09 0.07 -18.00	16.26 0.22 -0.19	18.92 0.23 -3.16	18.67 0.28 -0.46	27.68 0.36 0.08	40.83 0.58 0.00	57.54 0.94 0.00	36.54 0.51 0.00	30.38 0.47 0.00	32.24 0.61 -0.01	34.06 0.56 0.00	31.23 0.40 0.00	28.11 0.17 0.00
GREENDGE_115KV_TB5 80291	1.96 -0.03 -3.43	2.46 -0.02 -3.36	8.32 0.13 -1.74	6.45 0.09 -2.24	2.58 -0.01 -3.41	3.29 0.01 -2.99	3.88 0.03 -1.87	4.09 0.06 -2.07	6.86 0.12 -1.25	11.76 0.25 -0.76	8.90 0.12 -2.06	9.03 0.10 -2.91	16.12 0.27 0.00	16.06 0.29 -0.24	18.28 0.36 0.00	28.13 0.72 0.00	41.19 0.93 0.00	57.70 1.10 0.00	36.98 0.94 0.00	30.71 0.79 0.00	32.36 0.74 0.00	34.50 0.99 0.00	31.71 0.89 0.00	28.91 0.97 0.00
GREENIDGE___3 23582	1.96 -0.03 -3.43	2.46 -0.02 -3.36	8.32 0.13 -1.74	6.45 0.09 -2.24	2.58 -0.01 -3.41	3.29 0.01 -2.99	3.88 0.03 -1.87	4.09 0.06 -2.07	6.86 0.12 -1.25	11.76 0.25 -0.76	8.90 0.12 -2.06	9.03 0.10 -2.91	16.12 0.27 0.00	16.06 0.29 -0.24	18.28 0.36 0.00	28.13 0.72 0.00	41.19 0.93 0.00	57.70 1.10 0.00	36.98 0.94 0.00	30.71 0.79 0.00	32.36 0.74 0.00	34.50 0.99 0.00	31.71 0.89 0.00	28.91 0.97 0.00
GREENIDGE___4 23583	1.96 -0.03 -3.43	2.46 -0.02 -3.36	8.32 0.13 -1.74	6.45 0.09 -2.24	2.58 -0.01 -3.41	3.28 0.01 -2.99	3.88 0.03 -1.87	4.09 0.06 -2.07	6.86 0.12 -1.25	11.76 0.25 -0.76	8.90 0.12 -2.06	9.03 0.10 -2.91	16.12 0.27 0.00	16.06 0.29 -0.24	18.28 0.36 0.00	28.13 0.72 0.00	41.18 0.92 0.00	57.69 1.09 0.00	36.98 0.94 0.00	30.71 0.79 0.00	32.36 0.74 0.00	34.50 0.99 0.00	31.71 0.89 0.00	28.92 0.97 0.00
GREENLWN_69_KV_BK 3 55738	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.64 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.11 -11.52	13.68 0.31 -7.88	17.93 0.62 -6.56	30.92 0.42 -23.77	26.95 0.44 -20.49	29.57 1.20 -12.52	35.94 1.20 -19.22	52.74 1.37 -33.44	37.04 2.07 -7.56	43.12 2.86 0.00	60.61 4.01 0.00	38.62 2.44 -0.15	31.76 1.85 0.00	33.58 1.96 0.00	35.57 2.06 0.00	32.80 1.98 0.00	29.53 1.59 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
GRISSOM___SOLAR 323813	23.38 -0.13 -24.96	23.47 -0.08 -24.43	19.67 0.53 -12.69	20.73 0.34 -16.28	23.90 -0.06 -24.77	22.06 0.03 -21.75	15.73 0.18 -13.57	17.28 0.14 -15.18	15.09 0.25 -9.36	17.39 0.83 -5.80	21.77 0.09 -14.95	27.59 0.44 -21.13	16.29 0.30 -0.15	19.62 1.07 -3.03	19.01 0.73 -0.35	27.78 0.43 0.06	41.32 1.06 0.00	59.98 3.37 0.00	39.96 3.93 0.00	33.58 3.67 0.00	35.42 3.79 -0.01	37.39 3.88 0.00	34.13 3.31 0.00	30.84 2.90 0.00
GROVEVILLE___HYD 323602	15.94 -0.07 -17.46	16.16 -0.05 -17.09	15.62 0.30 -8.88	15.69 0.19 -11.39	16.49 -0.03 -17.33	15.52 0.02 -15.22	11.55 0.08 -9.49	12.56 0.09 -10.51	12.13 0.26 -6.38	15.17 0.53 -3.89	17.56 0.37 -10.46	21.19 0.39 -14.79	16.91 1.06 0.00	17.85 1.09 -1.23	19.26 1.34 0.00	29.45 1.98 -0.07	43.16 2.90 0.00	60.74 4.13 0.00	38.49 2.46 0.00	31.90 1.99 0.00	33.75 2.12 0.00	35.70 2.19 0.00	32.69 1.87 0.00	29.37 1.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	0.39 -0.01 -1.84	0.92 -0.01 -1.80	7.42 0.03 -0.94	5.34 0.03 -1.20	1.01 0.00 -1.83	1.89 0.00 -1.61	2.99 0.01 -1.00	3.08 0.02 -1.11	6.19 0.03 -0.67	11.22 0.06 -0.41	7.86 0.03 -1.10	7.59 0.01 -1.56	15.86 0.02 0.00	15.68 0.03 -0.13	17.94 0.02 0.00	27.48 0.07 0.00	40.17 0.13 0.21	56.70 0.18 0.09	36.22 0.19 0.00	30.05 0.14 0.00	31.73 0.11 0.00	33.55 0.19 0.15	31.03 0.21 0.00	28.26 0.33 0.00
HAMLTNNY_34_KV_TB 80303	0.50 -0.01 -1.96	1.03 -0.01 -1.91	7.50 0.06 -0.99	5.44 0.05 -1.28	1.12 -0.01 -1.94	1.99 0.00 -1.70	3.06 0.01 -1.06	3.16 0.03 -1.18	6.26 0.05 -0.71	11.29 0.10 -0.44	7.95 0.05 -1.17	7.72 0.04 -1.66	15.92 0.08 0.00	15.77 0.10 -0.14	18.03 0.10 0.00	27.64 0.23 0.00	40.60 0.34 0.00	57.07 0.47 0.00	36.44 0.41 0.00	30.21 0.29 0.00	31.89 0.26 0.00	33.90 0.39 0.00	31.20 0.37 0.00	28.41 0.47 0.00
HAMPSHIRE___PAPER_HYD 323593	-20.83 0.15 19.54	-8.45 0.11 7.68	6.18 -0.59 -0.32	-2.00 -0.44 5.67	-8.88 0.09 8.17	0.82 -0.02 -0.56	2.17 -0.17 -0.35	2.11 -0.24 -0.38	5.27 -0.45 -0.23	9.98 -0.91 -0.14	6.55 -0.56 -0.38	6.00 -0.57 -0.54	14.18 -1.66 0.00	13.77 -1.80 -0.05	15.88 -2.05 0.00	24.30 -3.10 0.00	29.06 -4.50 6.70	48.42 -5.46 2.73	33.03 -3.00 0.00	27.51 -2.40 0.00	28.56 -3.05 0.01	25.06 -3.80 4.65	27.37 -3.46 0.00	24.81 -3.13 0.00
HARDSCRABBLE_WT_PWR 323673	-0.04 0.04 -1.36	-0.29 0.03 -0.56	6.24 -0.20 0.00	4.40 -0.12 -0.41	-0.20 0.02 -0.60	0.27 -0.01 0.00	1.92 -0.06 0.00	1.91 -0.04 0.00	5.39 -0.10 0.00	10.62 -0.13 0.00	6.59 -0.14 0.00	5.94 -0.08 0.00	15.68 -0.16 0.00	15.47 -0.05 0.00	17.82 -0.11 0.00	27.19 -0.22 0.00	40.16 -0.09 0.00	56.63 0.03 0.00	36.21 0.18 0.00	30.13 0.22 0.00	32.01 0.39 0.00	33.97 0.46 0.00	31.06 0.24 0.00	27.83 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	14.84 -0.07 -16.35	15.09 -0.04 -16.01	15.02 0.25 -8.32	14.94 0.15 -10.67	15.40 -0.03 -16.24	14.55 0.01 -14.25	10.94 0.06 -8.89	10.68 0.07 -8.64	9.95 0.22 -4.24	13.11 0.45 -1.91	16.85 0.33 -9.80	20.23 0.36 -13.85	15.78 0.98 1.04	8.64 1.00 7.89	16.63 1.23 2.53	29.34 1.85 -0.07	42.93 2.68 0.00	60.36 3.76 0.00	38.24 2.20 0.00	31.66 1.74 0.00	33.45 1.82 0.00	35.41 1.90 0.00	32.44 1.62 0.00	29.12 1.18 0.00
HARSNRAD_115KV_TB1 81005	1.18 -0.04 -2.66	1.71 -0.02 -2.61	8.03 0.24 -1.36	6.05 0.20 -1.74	1.77 -0.06 -2.64	2.59 -0.02 -2.32	3.50 0.06 -1.45	3.67 0.11 -1.60	6.53 0.07 -0.97	11.42 0.08 -0.59	8.31 -0.01 -1.60	8.26 -0.01 -2.26	15.92 0.07 0.00	15.67 -0.05 -0.19	17.75 -0.17 0.00	27.44 0.04 0.00	40.22 -0.04 0.00	55.80 -0.80 0.00	35.81 -0.22 0.00	29.57 -0.34 0.00	31.17 -0.45 0.00	33.70 0.20 0.00	31.15 0.33 0.00	28.81 0.87 0.00
HARZA MOOSE___RIVER 24016	-1.88 0.05 0.48	-0.66 0.04 -0.19	6.58 -0.21 -0.35	4.05 -0.16 -0.09	-0.61 0.03 -0.17	0.88 0.00 -0.59	2.29 -0.06 -0.37	2.32 -0.06 -0.41	5.66 -0.08 -0.25	10.77 -0.13 -0.15	7.07 -0.07 -0.41	6.52 -0.08 -0.58	15.48 -0.37 0.00	15.08 -0.49 -0.05	17.37 -0.56 0.00	26.60 -0.80 0.00	37.57 -0.94 1.75	55.14 -0.75 0.71	35.90 -0.13 0.00	29.90 -0.01 0.00	31.42 -0.21 0.00	31.63 -0.67 1.21	30.09 -0.73 0.00	27.21 -0.73 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	0.22 0.00 -1.67	0.75 0.00 -1.63	7.29 0.00 -0.85	5.21 0.01 -1.09	0.84 0.00 -1.66	1.74 0.00 -1.45	2.89 0.00 -0.91	2.97 0.01 -1.00	6.10 0.00 -0.61	11.12 -0.01 -0.37	7.72 -0.01 -1.00	7.41 -0.02 -1.41	15.77 -0.08 0.00	15.57 -0.07 -0.12	17.83 -0.10 0.00	27.27 -0.13 0.00	39.84 -0.19 0.23	56.19 -0.32 0.09	35.90 -0.14 0.00	29.78 -0.13 0.00	31.47 -0.16 0.00	33.25 -0.09 0.16	30.82 0.00 0.00	28.08 0.14 0.00
HELLGATE_13_KV_LD 55870	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.75 0.58 -5.42	17.56 0.41 -10.42	21.18 0.43 -14.73	17.96 1.19 -0.93	25.96 1.19 -9.24	21.61 1.45 -2.24	29.61 2.12 -0.09	43.12 2.87 0.00	60.48 3.88 0.00	38.26 2.22 0.00	31.72 1.81 0.00	33.60 1.97 0.00	35.62 2.12 0.00	32.67 1.85 0.00	29.36 1.42 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.75 0.58 -5.42	17.56 0.41 -10.42	21.18 0.43 -14.73	17.96 1.19 -0.93	25.96 1.19 -9.24	21.61 1.45 -2.24	29.61 2.12 -0.09	43.12 2.87 0.00	60.48 3.88 0.00	38.26 2.22 0.00	31.72 1.81 0.00	33.60 1.97 0.00	35.62 2.12 0.00	32.67 1.85 0.00	29.36 1.42 0.00
HEMPSTEAD____ 23647	16.13 -0.09 -17.67	18.66 -0.06 -19.60	15.63 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.67 0.30 -7.88	17.92 0.62 -6.56	30.92 0.43 -23.77	26.96 0.45 -20.49	29.58 1.21 -12.52	35.96 1.22 -19.22	52.83 1.46 -33.44	37.14 2.17 -7.57	43.29 3.03 0.00	60.83 4.23 0.00	38.69 2.51 -0.15	31.85 1.94 0.00	33.73 2.10 0.00	35.79 2.28 0.00	32.90 2.08 0.00	29.58 1.64 0.00
HEWLETT__69_KV_BK3 55828	16.12 -0.10 -17.67	18.65 -0.07 -19.59	15.69 0.40 -8.85	15.71 0.24 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.60 0.12 -11.52	13.72 0.35 -7.88	18.02 0.72 -6.56	30.98 0.49 -23.77	27.01 0.49 -20.49	29.72 1.35 -12.52	36.07 1.33 -19.22	52.97 1.60 -33.44	37.42 2.45 -7.56	43.74 3.49 0.00	61.47 4.87 0.00	39.09 2.91 -0.15	32.18 2.27 0.00	34.03 2.40 0.00	36.10 2.59 0.00	33.24 2.42 0.00	29.87 1.93 0.00
HICKLING___1 23621	2.88 -0.03 -4.36	3.36 -0.02 -4.27	8.81 0.15 -2.22	7.07 0.11 -2.84	3.50 -0.01 -4.32	4.10 0.02 -3.80	4.39 0.04 -2.37	4.66 0.08 -2.62	7.24 0.16 -1.59	12.05 0.33 -0.97	9.52 0.18 -2.61	9.89 0.18 -3.69	16.34 0.49 0.00	16.33 0.49 -0.31	18.50 0.58 0.00	28.55 1.14 0.00	41.91 1.65 0.00	58.47 1.87 0.00	37.27 1.24 0.00	30.84 0.93 0.00	32.55 0.92 0.00	34.78 1.28 0.00	32.00 1.18 0.00	29.02 1.08 0.00
HICKLING___2 23622	2.88 -0.03 -4.36	3.36 -0.02 -4.27	8.81 0.15 -2.22	7.07 0.11 -2.84	3.50 -0.01 -4.32	4.10 0.02 -3.80	4.39 0.04 -2.37	4.66 0.08 -2.62	7.24 0.16 -1.59	12.05 0.33 -0.97	9.52 0.18 -2.61	9.89 0.18 -3.69	16.34 0.49 0.00	16.33 0.49 -0.31	18.50 0.58 0.00	28.55 1.14 0.00	41.91 1.65 0.00	58.47 1.87 0.00	37.27 1.24 0.00	30.84 0.93 0.00	32.55 0.92 0.00	34.78 1.28 0.00	32.00 1.18 0.00	29.02 1.08 0.00
HIGH FALLS___HY 23754	15.73 -0.08 -17.26	15.96 -0.05 -16.89	15.52 0.30 -8.78	15.55 0.18 -11.26	16.29 -0.03 -17.13	15.34 0.02 -15.04	11.44 0.07 -9.38	12.43 0.09 -10.38	12.05 0.25 -6.30	15.12 0.53 -3.85	17.42 0.36 -10.34	21.00 0.36 -14.61	16.87 1.03 0.00	17.80 1.06 -1.22	19.19 1.27 0.00	29.39 1.95 -0.04	43.18 2.92 0.00	60.91 4.31 0.00	38.66 2.62 0.00	32.04 2.12 0.00	33.86 2.23 0.00	35.84 2.33 0.00	32.80 1.98 0.00	29.43 1.49 0.00
HILLBURN___GT 23639	15.07 -0.06 -16.58	15.31 -0.04 -16.23	15.12 0.24 -8.43	15.07 0.14 -10.82	15.62 -0.02 -16.46	14.75 0.01 -14.45	11.05 0.06 -9.01	10.61 0.07 -8.59	9.74 0.21 -4.04	12.86 0.44 -1.68	16.98 0.32 -9.93	20.41 0.35 -14.04	15.59 0.96 1.21	7.16 0.97 9.34	16.18 1.19 2.94	29.25 1.77 -0.08	42.74 2.48 0.00	60.03 3.43 0.00	38.02 1.98 0.00	31.47 1.56 0.00	33.26 1.63 0.00	35.24 1.73 0.00	32.31 1.49 0.00	29.00 1.06 0.00
HILLSIDE_115KV_TB1 80332	3.04 -0.02 -4.51	3.52 -0.01 -4.41	8.82 0.08 -2.29	7.12 0.07 -2.94	3.67 0.01 -4.47	4.24 0.03 -3.93	4.45 0.02 -2.45	4.73 0.06 -2.71	7.24 0.10 -1.65	11.97 0.22 -1.00	9.54 0.11 -2.70	9.96 0.12 -3.81	16.18 0.33 0.00	16.19 0.35 -0.32	18.34 0.42 0.00	28.27 0.86 0.00	41.44 1.19 0.00	57.71 1.11 0.00	36.71 0.68 0.00	30.35 0.43 0.00	32.02 0.40 0.00	34.23 0.73 0.00	31.50 0.68 0.00	28.55 0.62 0.00
HISHELDN_WT_PWR 323625	1.67 -0.02 -3.14	2.18 -0.01 -3.08	8.19 0.15 -1.60	6.29 0.13 -2.05	2.28 -0.03 -3.12	3.01 -0.01 -2.74	3.72 0.03 -1.71	3.93 0.08 -1.89	6.72 0.08 -1.15	11.63 0.19 -0.70	8.68 0.07 -1.88	8.73 0.05 -2.66	16.04 0.19 0.00	15.88 0.13 -0.22	18.02 0.09 0.00	27.87 0.46 0.00	40.87 0.61 0.00	56.81 0.21 0.00	36.34 0.31 0.00	30.02 0.10 0.00	31.64 0.02 0.00	34.05 0.54 0.00	31.45 0.63 0.00	28.89 0.95 0.00
HOLTSVILLE_IC_1 23690	16.11 -0.12 -17.67	18.64 -0.08 -19.60	15.75 0.46 -8.85	15.74 0.27 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.12 -9.46	13.62 0.14 -11.52	13.77 0.40 -7.88	18.12 0.81 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.80 1.43 -12.52	36.17 1.43 -19.22	53.05 1.69 -33.44	37.50 2.52 -7.57	43.74 3.48 0.00	61.51 4.91 0.00	39.24 3.05 -0.15	32.26 2.35 0.00	34.13 2.50 0.00	36.18 2.67 0.00	33.36 2.53 0.00	30.01 2.08 0.00
HOLTSVILLE_IC_10 23699	16.10 -0.13 -17.67	18.63 -0.08 -19.60	15.79 0.49 -8.85	15.76 0.30 -11.35	16.41 -0.06 -17.27	15.49 0.04 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.43 -7.88	18.18 0.87 -6.56	31.07 0.57 -23.77	27.09 0.58 -20.49	29.92 1.55 -12.52	36.30 1.55 -19.22	53.21 1.84 -33.44	37.74 2.76 -7.57	44.10 3.84 0.00	62.04 5.44 0.00	39.57 3.38 -0.15	32.53 2.61 0.00	34.39 2.76 0.00	36.46 2.95 0.00	33.61 2.79 0.00	30.22 2.28 0.00
HOLTSVILLE_IC_2 23691	16.11 -0.12 -17.67	18.64 -0.08 -19.60	15.75 0.46 -8.85	15.74 0.27 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.12 -9.46	13.62 0.14 -11.52	13.77 0.40 -7.88	18.12 0.81 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.80 1.43 -12.52	36.17 1.43 -19.22	53.05 1.69 -33.44	37.50 2.52 -7.57	43.74 3.48 0.00	61.51 4.91 0.00	39.24 3.05 -0.15	32.26 2.35 0.00	34.13 2.50 0.00	36.18 2.67 0.00	33.36 2.53 0.00	30.01 2.08 0.00
HOLTSVILLE_IC_3 23692	16.11 -0.12 -17.67	18.64 -0.08 -19.60	15.75 0.46 -8.85	15.74 0.27 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.12 -9.46	13.62 0.14 -11.52	13.77 0.40 -7.88	18.12 0.81 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.80 1.43 -12.52	36.17 1.43 -19.22	53.05 1.69 -33.44	37.50 2.52 -7.57	43.74 3.48 0.00	61.51 4.91 0.00	39.24 3.05 -0.15	32.26 2.35 0.00	34.13 2.50 0.00	36.18 2.67 0.00	33.36 2.53 0.00	30.01 2.08 0.00

HOLTSVILLE_IC_4 23693	16.11 -0.12 -17.67	18.64 -0.08 -19.60	15.75 0.46 -8.85	15.74 0.27 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.12 -9.46	13.62 0.14 -11.52	13.77 0.40 -7.88	18.12 0.81 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.80 1.43 -12.52	36.17 1.43 -19.22	53.05 1.69 -33.44	37.50 2.52 -7.57	43.74 3.48 0.00	61.51 4.91 0.00	39.24 3.05 -0.15	32.26 2.35 0.00	34.13 2.50 0.00	36.18 2.67 0.00	33.36 2.53 0.00	30.01 2.08 0.00
HOLTSVILLE_IC_5 23694	16.11 -0.12 -17.67	18.64 -0.08 -19.60	15.75 0.46 -8.85	15.74 0.27 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.12 -9.46	13.62 0.14 -11.52	13.77 0.40 -7.88	18.12 0.81 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.80 1.43 -12.52	36.17 1.43 -19.22	53.05 1.69 -33.44	37.50 2.52 -7.57	43.74 3.48 0.00	61.51 4.91 0.00	39.24 3.05 -0.15	32.26 2.35 0.00	34.13 2.50 0.00	36.18 2.67 0.00	33.36 2.53 0.00	30.01 2.08 0.00
HOLTSVILLE_IC_6 23695	16.10 -0.13 -17.67	18.63 -0.08 -19.60	15.79 0.49 -8.85	15.76 0.30 -11.35	16.41 -0.06 -17.27	15.49 0.04 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.43 -7.88	18.18 0.87 -6.56	31.07 0.57 -23.77	27.09 0.58 -20.49	29.92 1.55 -12.52	36.30 1.55 -19.22	53.21 1.84 -33.44	37.74 2.76 -7.57	44.10 3.84 0.00	62.04 5.44 0.00	39.57 3.38 -0.15	32.53 2.61 0.00	34.39 2.76 0.00	36.46 2.95 0.00	33.61 2.79 0.00	30.22 2.28 0.00
HOLTSVILLE_IC_7 23696	16.10 -0.13 -17.67	18.63 -0.08 -19.60	15.79 0.49 -8.85	15.76 0.30 -11.35	16.41 -0.06 -17.27	15.49 0.04 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.43 -7.88	18.18 0.87 -6.56	31.07 0.57 -23.77	27.09 0.58 -20.49	29.92 1.55 -12.52	36.30 1.55 -19.22	53.21 1.84 -33.44	37.74 2.76 -7.57	44.10 3.84 0.00	62.04 5.44 0.00	39.57 3.38 -0.15	32.53 2.61 0.00	34.39 2.76 0.00	36.46 2.95 0.00	33.61 2.79 0.00	30.22 2.28 0.00
HOLTSVILLE_IC_8 23697	16.10 -0.13 -17.67	18.63 -0.08 -19.60	15.79 0.49 -8.85	15.76 0.30 -11.35	16.41 -0.06 -17.27	15.49 0.04 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.43 -7.88	18.18 0.87 -6.56	31.07 0.57 -23.77	27.09 0.58 -20.49	29.92 1.55 -12.52	36.30 1.55 -19.22	53.21 1.84 -33.44	37.74 2.76 -7.57	44.10 3.84 0.00	62.04 5.44 0.00	39.57 3.38 -0.15	32.53 2.61 0.00	34.39 2.76 0.00	36.46 2.95 0.00	33.61 2.79 0.00	30.22 2.28 0.00
HOLTSVILLE_IC_9 23698	16.10 -0.13 -17.67	18.63 -0.08 -19.60	15.79 0.49 -8.85	15.76 0.30 -11.35	16.41 -0.06 -17.27	15.49 0.04 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.43 -7.88	18.18 0.87 -6.56	31.07 0.57 -23.77	27.09 0.58 -20.49	29.92 1.55 -12.52	36.30 1.55 -19.22	53.21 1.84 -33.44	37.74 2.76 -7.57	44.10 3.84 0.00	62.04 5.44 0.00	39.57 3.38 -0.15	32.53 2.61 0.00	34.39 2.76 0.00	36.46 2.95 0.00	33.61 2.79 0.00	30.22 2.28 0.00
HOMER_HL_115KV_TB2 355744	1.81 -0.06 -3.32	2.33 -0.03 -3.25	8.39 0.26 -1.69	6.47 0.19 -2.16	2.44 -0.04 -3.29	3.16 -0.02 -2.89	3.85 0.06 -1.80	4.08 0.13 -1.99	6.92 0.22 -1.21	11.98 0.49 -0.74	8.92 0.21 -1.99	9.02 0.19 -2.81	16.47 0.62 0.00	16.34 0.58 -0.23	18.56 0.64 0.00	28.72 1.32 0.00	41.98 1.73 0.00	58.23 1.63 0.00	37.13 1.09 0.00	30.57 0.65 0.00	32.15 0.53 0.00	34.67 1.17 0.00	31.99 1.16 0.00	29.27 1.33 0.00
HOWARD_WT_PWR 323690	2.20 0.00 -3.65	2.69 0.00 -3.57	8.27 -0.03 -1.86	6.50 0.00 -2.38	2.81 0.00 -3.62	3.45 -0.02 -3.18	3.93 -0.04 -1.98	4.20 0.05 -2.20	6.87 0.05 -1.33	11.84 0.27 -0.81	9.06 0.14 -2.19	9.24 0.13 -3.09	16.25 0.40 0.00	16.13 0.35 -0.26	18.29 0.37 0.00	28.33 0.92 0.00	41.62 1.36 0.00	58.08 1.48 0.00	37.18 1.14 0.00	30.77 0.86 0.00	32.55 0.93 0.00	34.87 1.36 0.00	32.13 1.31 0.00	29.24 1.30 0.00
HQ_GEN_CEDARS 23644	-10.47 0.14 9.17	-4.33 0.10 3.55	6.11 -0.54 -0.20	1.09 -0.40 2.63	-4.50 0.08 3.78	0.61 -0.02 -0.35	2.09 -0.11 -0.22	1.91 -0.29 -0.24	5.13 -0.51 -0.15	9.71 -1.13 -0.09	6.25 -0.71 -0.24	5.62 -0.74 -0.34	13.85 -2.00 0.00	13.49 -2.07 -0.03	15.59 -2.34 0.00	23.86 -3.55 0.00	22.92 -5.62 11.72	44.55 -7.28 4.77	31.84 -4.20 0.00	26.35 -3.57 0.00	27.13 -4.48 0.00	20.28 -5.09 8.13	26.44 -4.38 0.00	24.11 -3.83 0.00
HQ_GEN_CEDARS_PROXY 323590	-10.47 0.14 9.17	-4.33 0.10 3.55	6.11 -0.54 -0.20	1.09 -0.40 2.63	-4.50 0.08 3.78	0.61 -0.02 -0.35	1.11 -0.11 0.77	1.91 -0.29 -0.24	5.13 -0.51 -0.15	9.71 -1.13 -0.09	6.25 -0.71 -0.24	5.62 -0.74 -0.34	13.85 -2.00 0.00	13.48 -2.07 -0.03	15.59 -2.34 0.00	23.86 -3.55 0.00	22.92 -5.62 11.72	44.55 -7.28 4.77	31.84 -4.20 0.00	26.35 -3.57 0.00	27.12 -4.50 0.00	20.28 -5.10 8.13	26.44 -4.38 0.00	24.11 -3.83 0.00
HQ_GEN_IMPORT 323601	-8.53 0.15 7.24	-3.56 0.10 2.78	6.04 -0.58 -0.18	1.64 -0.42 2.06	-3.68 0.09 2.96	0.57 -0.03 -0.31	2.06 -0.11 -0.19	1.87 -0.30 -0.21	5.08 -0.54 -0.13	9.66 -1.17 -0.08	6.19 -0.74 -0.21	4.90 -0.76 0.36	13.77 -2.07 0.00	13.39 -2.16 -0.03	15.52 -2.41 0.00	23.77 -3.64 0.00	21.83 -5.77 12.66	43.89 -7.56 5.15	31.64 -4.39 0.00	26.16 -3.75 0.00	26.94 -4.68 0.00	19.48 -5.25 8.78	26.31 -4.51 0.00	23.99 -3.95 0.00
HQ_GEN_WHEEL 23651	-8.53 0.15 7.24	-3.56 0.10 2.78	6.04 -0.58 -0.18	1.64 -0.42 2.06	-3.68 0.09 2.96	0.57 -0.03 -0.31	2.06 -0.11 -0.19	1.87 -0.30 -0.21	5.08 -0.54 -0.13	9.66 -1.17 -0.08	6.19 -0.74 -0.21	4.90 -0.76 0.36	13.77 -2.07 0.00	13.39 -2.16 -0.03	15.52 -2.41 0.00	23.77 -3.64 0.00	21.83 -5.77 12.66	43.89 -7.56 5.15	31.64 -4.39 0.00	26.16 -3.75 0.00	26.94 -4.68 0.00	19.48 -5.25 8.78	26.31 -4.51 0.00	23.99 -3.95 0.00
HUDSON_AVE_GT_3 23810	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.28 -7.89	16.73 0.56 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.93 1.16 -0.93	25.94 1.17 -9.25	21.60 1.43 -2.24	29.58 2.09 -0.09	43.12 2.87 0.00	60.55 3.94 0.00	38.28 2.24 0.00	31.71 1.79 0.00	33.54 1.91 0.00	35.55 2.04 0.00	32.62 1.80 0.00	29.30 1.36 0.00
HUDSON_AVE_GT_4 23540	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.28 -7.89	16.73 0.56 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.93 1.16 -0.93	25.94 1.17 -9.25	21.60 1.43 -2.24	29.58 2.09 -0.09	43.12 2.87 0.00	60.55 3.94 0.00	38.28 2.24 0.00	31.71 1.79 0.00	33.54 1.91 0.00	35.55 2.04 0.00	32.62 1.80 0.00	29.30 1.36 0.00
HUDSON_AVE_GT_5 23657	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.28 -7.89	16.73 0.56 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.93 1.16 -0.93	25.94 1.17 -9.25	21.60 1.43 -2.24	29.58 2.09 -0.09	43.12 2.87 0.00	60.55 3.94 0.00	38.28 2.24 0.00	31.71 1.79 0.00	33.54 1.91 0.00	35.55 2.04 0.00	32.62 1.80 0.00	29.30 1.36 0.00

HUDSON_AVE_10 24168	15.87 -0.07 -17.40	16.10 -0.05 -17.03	15.58 0.28 -8.85	15.63 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.09 -11.53	13.64 0.26 -7.89	16.69 0.52 -5.42	17.51 0.37 -10.42	21.15 0.40 -14.73	17.88 1.10 -0.93	25.89 1.12 -9.25	21.53 1.36 -2.24	29.46 1.97 -0.09	42.96 2.71 0.00	60.33 3.73 0.00	38.16 2.12 0.00	31.59 1.68 0.00	33.42 1.79 0.00	35.43 1.92 0.00	32.52 1.70 0.00	29.21 1.27 0.00
HUDSON___115KV_TB 4 355613	19.25 -0.04 -20.73	19.40 -0.02 -20.30	17.14 0.15 -10.54	17.74 0.10 -13.52	19.75 -0.02 -20.58	18.36 0.01 -18.07	13.30 0.05 -11.27	14.67 0.05 -12.66	13.46 0.14 -7.84	15.87 0.23 -4.89	19.28 0.14 -12.42	23.75 0.17 -17.56	16.44 0.43 -0.16	18.89 0.51 -2.86	18.97 0.65 -0.39	28.18 0.83 0.06	41.58 1.32 0.00	58.67 2.06 0.00	37.31 1.27 0.00	31.13 1.21 0.00	33.07 1.44 -0.01	34.91 1.40 0.00	31.92 1.10 0.00	28.71 0.77 0.00
HUNTER MOUNT___DRP 323613	18.68 -0.04 -20.16	18.83 -0.02 -19.74	16.87 0.17 -10.26	17.38 0.11 -13.15	19.18 -0.02 -20.02	17.86 0.01 -17.57	13.00 0.06 -10.96	14.30 0.06 -12.28	13.22 0.16 -7.58	15.72 0.26 -4.71	18.94 0.14 -12.08	23.27 0.18 -17.08	16.42 0.45 -0.13	18.61 0.54 -2.54	18.95 0.71 -0.31	28.24 0.87 0.04	41.69 1.43 0.00	58.80 2.20 0.00	37.45 1.42 0.00	31.30 1.39 0.00	33.29 1.67 0.00	35.12 1.61 0.00	32.09 1.27 0.00	28.84 0.90 0.00
HUNTINGTON_RES_REC 323705	16.12 -0.11 -17.67	18.65 -0.07 -19.60	15.69 0.40 -8.85	15.70 0.24 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.60 0.12 -11.52	13.73 0.36 -7.88	18.03 0.73 -6.56	30.98 0.48 -23.77	27.01 0.50 -20.49	29.73 1.36 -12.52	36.12 1.38 -19.22	52.98 1.61 -33.44	37.39 2.41 -7.57	43.62 3.37 0.00	61.38 4.77 -0.01	39.11 2.92 -0.16	32.13 2.22 0.00	33.96 2.33 0.00	35.97 2.47 0.00	33.17 2.35 0.00	29.83 1.89 0.00
HUNTLEY___63 23557	1.27 -0.05 -2.76	1.79 -0.03 -2.70	8.15 0.30 -1.40	6.15 0.24 -1.80	1.87 -0.06 -2.74	2.68 -0.02 -2.41	3.56 0.08 -1.50	3.75 0.13 -1.66	6.63 0.13 -1.01	11.58 0.21 -0.61	8.46 0.08 -1.65	8.43 0.08 -2.34	16.12 0.28 0.00	15.90 0.17 -0.20	18.04 0.11 0.00	27.92 0.51 0.00	40.91 0.65 0.00	56.72 0.12 0.00	36.36 0.32 0.00	30.01 0.10 0.00	31.63 0.01 0.00	34.17 0.66 0.00	31.59 0.77 0.00	29.14 1.20 0.00
HUNTLEY___64 23558	1.27 -0.05 -2.76	1.79 -0.03 -2.70	8.15 0.30 -1.40	6.15 0.24 -1.80	1.87 -0.06 -2.74	2.68 -0.02 -2.41	3.56 0.08 -1.50	3.75 0.13 -1.66	6.63 0.13 -1.01	11.58 0.21 -0.61	8.46 0.08 -1.65	8.43 0.08 -2.34	16.12 0.28 0.00	15.90 0.17 -0.20	18.04 0.11 0.00	27.92 0.51 0.00	40.91 0.65 0.00	56.72 0.12 0.00	36.36 0.32 0.00	30.01 0.10 0.00	31.63 0.01 0.00	34.17 0.66 0.00	31.59 0.77 0.00	29.14 1.20 0.00
HUNTLEY___65 23559	1.27 -0.05 -2.76	1.79 -0.03 -2.70	8.15 0.30 -1.40	6.15 0.24 -1.80	1.87 -0.06 -2.74	2.68 -0.02 -2.41	3.56 0.08 -1.50	3.75 0.13 -1.66	6.63 0.13 -1.01	11.58 0.21 -0.61	8.46 0.08 -1.65	8.43 0.08 -2.34	16.12 0.28 0.00	15.90 0.17 -0.20	18.04 0.11 0.00	27.92 0.51 0.00	40.91 0.65 0.00	56.72 0.12 0.00	36.36 0.32 0.00	30.01 0.10 0.00	31.63 0.01 0.00	34.17 0.66 0.00	31.59 0.77 0.00	29.14 1.20 0.00
HUNTLEY___66 23560	1.27 -0.05 -2.76	1.79 -0.03 -2.70	8.15 0.30 -1.40	6.15 0.24 -1.80	1.87 -0.06 -2.74	2.68 -0.02 -2.41	3.56 0.08 -1.50	3.75 0.13 -1.66	6.63 0.13 -1.01	11.58 0.21 -0.61	8.46 0.08 -1.65	8.43 0.08 -2.34	16.12 0.28 0.00	15.90 0.17 -0.20	18.04 0.11 0.00	27.92 0.51 0.00	40.91 0.65 0.00	56.72 0.12 0.00	36.36 0.32 0.00	30.01 0.10 0.00	31.63 0.01 0.00	34.17 0.66 0.00	31.59 0.77 0.00	29.14 1.20 0.00
HUNTLEY___67 23561	1.33 -0.04 -2.82	1.85 -0.02 -2.76	8.11 0.23 -1.43	6.13 0.18 -1.84	1.94 -0.05 -2.80	2.72 -0.02 -2.46	3.57 0.05 -1.53	3.75 0.10 -1.70	6.60 0.08 -1.03	11.50 0.11 -0.63	8.44 0.02 -1.69	8.41 0.01 -2.39	15.93 0.08 0.00	15.72 0.00 -0.20	17.84 -0.09 0.00	27.58 0.17 0.00	40.42 0.16 0.00	56.06 -0.54 0.00	35.92 -0.11 0.00	29.65 -0.27 0.00	31.24 -0.38 0.00	33.74 0.23 0.00	31.19 0.36 0.00	28.77 0.83 0.00
HUNTLEY___68 23562	1.33 -0.04 -2.82	1.85 -0.02 -2.76	8.11 0.23 -1.43	6.13 0.18 -1.84	1.94 -0.05 -2.80	2.72 -0.02 -2.46	3.57 0.05 -1.53	3.75 0.10 -1.70	6.60 0.08 -1.03	11.50 0.11 -0.63	8.44 0.02 -1.69	8.41 0.01 -2.39	15.93 0.08 0.00	15.72 0.00 -0.20	17.84 -0.09 0.00	27.58 0.17 0.00	40.42 0.16 0.00	56.06 -0.54 0.00	35.92 -0.11 0.00	29.65 -0.27 0.00	31.24 -0.38 0.00	33.74 0.23 0.00	31.19 0.36 0.00	28.77 0.83 0.00
HYLAND___LFGE 323620	1.52 -0.07 -3.03	2.04 -0.04 -2.97	8.34 0.36 -1.54	6.34 0.24 -1.98	2.15 -0.05 -3.01	2.93 0.00 -2.64	3.73 0.09 -1.65	3.92 0.13 -1.82	6.78 0.18 -1.11	11.69 0.27 -0.68	8.68 0.13 -1.82	8.70 0.11 -2.57	16.20 0.36 0.00	16.06 0.32 -0.21	18.32 0.39 0.00	28.40 1.00 0.00	41.59 1.33 0.00	58.28 1.68 0.00	38.13 2.09 0.00	31.86 1.95 0.00	33.83 2.21 0.00	36.24 2.73 0.00	33.27 2.45 0.00	30.32 2.38 0.00
INDECK___CORINTH 23802	20.53 -0.06 -22.03	20.65 -0.04 -21.57	17.93 0.28 -11.20	18.68 0.19 -14.37	21.04 -0.03 -21.87	19.50 0.01 -19.20	14.04 0.08 -11.98	15.51 0.08 -13.47	14.07 0.23 -8.35	16.41 0.44 -5.22	20.15 0.22 -13.20	24.90 0.21 -18.66	16.71 0.68 -0.18	19.28 0.60 -3.15	19.09 0.72 -0.45	28.50 1.18 0.09	42.68 2.42 0.00	60.27 3.67 0.00	38.58 2.54 0.00	32.07 2.15 0.00	33.84 2.21 -0.01	35.62 2.11 0.00	32.56 1.74 0.00	29.23 1.29 0.00
INDECK___ILION 23567	-0.06 0.02 -1.36	-0.31 0.01 -0.56	6.36 -0.08 0.00	4.47 -0.05 -0.41	-0.21 0.01 -0.60	0.28 -0.01 0.00	1.96 -0.03 0.00	1.94 -0.02 0.00	5.44 -0.05 0.00	10.68 -0.07 0.00	6.66 -0.07 0.00	5.97 -0.05 0.00	15.75 -0.10 0.00	15.48 -0.05 0.00	17.84 -0.08 0.00	27.25 -0.15 0.00	40.16 -0.10 0.00	56.56 -0.04 0.00	36.11 0.07 0.00	30.02 0.11 0.00	31.81 0.19 0.00	33.71 0.20 0.00	30.90 0.08 0.00	27.84 -0.10 0.00
INDECK___OLEAN 23982	1.81 -0.06 -3.32	2.33 -0.03 -3.25	8.39 0.26 -1.69	6.47 0.19 -2.16	2.44 -0.04 -3.29	3.15 -0.02 -2.89	3.85 0.06 -1.80	4.08 0.13 -1.99	6.92 0.22 -1.21	11.98 0.49 -0.74	8.92 0.21 -1.99	9.02 0.19 -2.81	16.47 0.62 0.00	16.35 0.58 -0.23	18.57 0.65 0.00	28.72 1.31 0.00	41.98 1.73 0.00	58.21 1.61 0.00	37.13 1.10 0.00	30.57 0.65 0.00	32.16 0.54 0.00	34.67 1.16 0.00	31.98 1.16 0.00	29.27 1.33 0.00
INDECK___OSWEGO 23783	-2.36 0.02 0.93	-0.43 0.01 -0.44	7.09 -0.09 -0.74	4.29 -0.05 -0.23	-0.40 0.01 -0.40	1.55 0.00 -1.26	2.74 -0.03 -0.79	2.81 -0.02 -0.87	5.95 -0.07 -0.53	10.94 -0.14 -0.32	7.51 -0.09 -0.87	7.14 -0.11 -1.23	15.53 -0.32 0.00	15.30 -0.33 -0.10	17.53 -0.40 0.00	26.81 -0.60 0.00	39.01 -0.83 0.42	55.31 -1.12 0.17	35.40 -0.64 0.00	29.40 -0.51 0.00	31.06 -0.57 0.00	32.62 -0.60 0.29	30.32 -0.50 0.00	27.64 -0.30 0.00

INDECK___YERKES 23781	1.26 -0.05 -2.76	1.79 -0.03 -2.70	8.16 0.31 -1.40	6.16 0.24 -1.80	1.87 -0.06 -2.74	2.68 -0.02 -2.41	3.57 0.08 -1.50	3.75 0.13 -1.66	6.64 0.14 -1.01	11.60 0.23 -0.61	8.47 0.09 -1.65	8.45 0.09 -2.34	16.14 0.30 0.00	15.93 0.21 -0.20	18.07 0.15 0.00	27.95 0.55 0.00	40.97 0.71 0.00	56.78 0.18 0.00	36.41 0.38 0.00	30.05 0.13 0.00	31.68 0.06 0.00	34.21 0.71 0.00	31.62 0.80 0.00	29.18 1.24 0.00
INDIAN POINT_GT_1 24139	15.71 -0.06 -17.22	15.93 -0.04 -16.86	15.45 0.25 -8.76	15.49 0.15 -11.23	16.26 -0.02 -17.09	15.31 0.02 -15.01	11.40 0.06 -9.36	13.64 0.07 -11.61	13.79 0.22 -8.09	16.84 0.44 -5.65	17.36 0.32 -10.31	20.95 0.34 -14.58	17.87 0.94 -1.09	27.10 0.96 -10.62	21.73 1.17 -2.63	29.21 1.72 -0.08	42.65 2.40 0.00	59.94 3.34 0.00	37.95 1.92 0.00	31.43 1.52 0.00	33.25 1.63 0.00	35.23 1.72 0.00	32.31 1.49 0.00	29.02 1.08 0.00
INDIAN POINT_GT_2 23659	15.71 -0.06 -17.22	15.93 -0.04 -16.86	15.45 0.25 -8.76	15.49 0.15 -11.23	16.26 -0.02 -17.09	15.31 0.02 -15.01	11.40 0.06 -9.36	13.64 0.07 -11.61	13.79 0.22 -8.09	16.84 0.44 -5.65	17.36 0.32 -10.31	20.95 0.34 -14.58	17.87 0.94 -1.09	27.10 0.96 -10.62	21.73 1.17 -2.63	29.21 1.72 -0.08	42.65 2.40 0.00	59.94 3.34 0.00	37.95 1.92 0.00	31.43 1.52 0.00	33.25 1.63 0.00	35.23 1.72 0.00	32.31 1.49 0.00	29.02 1.08 0.00
INDIAN POINT_GT_3 24019	15.71 -0.06 -17.22	15.93 -0.04 -16.86	15.45 0.25 -8.76	15.49 0.15 -11.23	16.26 -0.02 -17.09	15.31 0.02 -15.01	11.40 0.06 -9.36	13.64 0.07 -11.61	13.79 0.22 -8.09	16.84 0.44 -5.65	17.36 0.32 -10.31	20.95 0.34 -14.58	17.87 0.94 -1.09	27.10 0.96 -10.62	21.73 1.17 -2.63	29.21 1.72 -0.08	42.65 2.40 0.00	59.94 3.34 0.00	37.95 1.92 0.00	31.43 1.52 0.00	33.25 1.63 0.00	35.23 1.72 0.00	32.31 1.49 0.00	29.02 1.08 0.00
INDIAN POINT___2 23530	15.48 -0.06 -16.99	15.71 -0.04 -16.63	15.32 0.24 -8.64	15.34 0.14 -11.08	16.03 -0.02 -16.87	15.11 0.02 -14.81	11.28 0.06 -9.23	13.93 0.07 -11.90	14.33 0.21 -8.63	17.40 0.43 -6.22	17.21 0.31 -10.18	20.75 0.34 -14.39	18.23 0.93 -1.46	30.32 0.94 -13.86	22.61 1.14 -3.54	29.17 1.68 -0.08	42.59 2.34 0.00	59.84 3.24 0.00	37.89 1.86 0.00	31.39 1.47 0.00	33.19 1.56 0.00	35.17 1.67 0.00	32.26 1.44 0.00	28.97 1.03 0.00
INDIAN POINT___3 23531	15.72 -0.06 -17.23	15.94 -0.04 -16.86	15.45 0.24 -8.76	15.50 0.14 -11.24	16.27 -0.02 -17.10	15.31 0.01 -15.01	11.41 0.06 -9.36	13.67 0.07 -11.64	13.84 0.21 -8.14	16.88 0.43 -5.69	17.36 0.31 -10.32	20.95 0.34 -14.59	17.88 0.92 -1.11	27.32 0.93 -10.86	21.76 1.14 -2.70	29.15 1.66 -0.08	42.56 2.31 0.00	59.81 3.21 0.00	37.87 1.84 0.00	31.37 1.46 0.00	33.19 1.56 0.00	35.17 1.66 0.00	32.26 1.44 0.00	28.97 1.03 0.00
INGHAM_C_115KV_TB7 356103	-0.04 0.04 -1.36	-0.29 0.03 -0.56	6.25 -0.20 0.00	4.40 -0.12 -0.41	-0.20 0.02 -0.60	0.27 -0.01 0.00	1.92 -0.07 0.00	1.91 -0.05 0.00	5.37 -0.12 0.00	10.58 -0.17 0.00	6.56 -0.17 0.00	5.91 -0.11 0.00	15.62 -0.22 0.00	15.45 -0.08 0.00	17.78 -0.15 0.00	27.10 -0.30 0.00	40.08 -0.18 0.00	56.54 -0.06 0.00	36.19 0.16 0.00	30.13 0.22 0.00	32.08 0.46 0.00	34.05 0.55 0.00	31.09 0.27 0.00	27.77 -0.17 0.00
IP CORINTH___1 23988	20.53 -0.06 -22.03	20.65 -0.04 -21.57	17.93 0.28 -11.20	18.68 0.19 -14.37	21.04 -0.03 -21.87	19.50 0.01 -19.20	14.04 0.08 -11.98	15.51 0.08 -13.47	14.07 0.23 -8.35	16.41 0.44 -5.22	20.15 0.22 -13.20	24.90 0.21 -18.66	16.71 0.68 -0.18	19.28 0.61 -3.15	19.09 0.72 -0.45	28.50 1.18 0.09	42.68 2.42 0.00	60.27 3.67 0.00	38.58 2.54 0.00	32.07 2.15 0.00	33.84 2.21 -0.01	35.62 2.11 0.00	32.56 1.74 0.00	29.23 1.29 0.00
IP___TICONDEROGA 23804	20.44 -0.11 -22.00	20.58 -0.07 -21.54	18.20 0.57 -11.19	18.86 0.39 -14.35	20.98 -0.05 -21.85	19.48 0.02 -19.18	14.11 0.16 -11.96	15.58 0.16 -13.45	14.26 0.43 -8.34	16.79 0.83 -5.21	20.45 0.54 -13.18	25.12 0.46 -18.63	17.37 1.33 -0.18	19.97 1.29 -3.15	19.85 1.48 -0.45	29.79 2.47 0.09	45.10 4.85 0.00	63.69 7.09 0.00	40.84 4.80 0.00	33.97 4.06 0.00	35.40 3.78 -0.01	36.95 3.44 0.00	33.75 2.93 0.00	30.23 2.29 0.00
ISLIP_RES_REC 323679	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.81 0.52 -8.85	15.78 0.31 -11.35	16.41 -0.06 -17.27	15.49 0.04 -15.16	11.58 0.14 -9.46	13.64 0.16 -11.52	13.82 0.45 -7.88	18.23 0.92 -6.56	31.10 0.61 -23.77	27.12 0.62 -20.49	30.03 1.65 -12.52	36.41 1.66 -19.22	53.35 1.97 -33.44	37.95 2.97 -7.57	44.41 4.16 0.00	62.51 5.91 0.00	39.87 3.69 -0.15	32.76 2.85 0.00	34.63 3.00 0.00	36.70 3.19 0.00	33.82 3.00 0.00	30.39 2.45 0.00
JAMAICA__27_KV_LOAD 355505	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.65 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.75 0.58 -5.42	17.53 0.39 -10.42	21.17 0.42 -14.73	17.95 1.18 -0.93	25.96 1.19 -9.25	21.58 1.41 -2.24	29.53 2.03 -0.09	43.11 2.85 0.00	60.60 4.00 0.00	38.34 2.31 0.00	31.74 1.82 0.00	33.54 1.91 0.00	35.60 2.09 0.00	32.73 1.90 0.00	29.38 1.44 0.00
JANIS___SOLAR 323808	3.12 -0.05 -4.62	3.61 -0.04 -4.53	9.05 0.26 -2.35	7.30 0.17 -3.02	3.75 -0.03 -4.59	4.33 0.01 -4.03	4.57 0.07 -2.51	4.84 0.09 -2.78	7.39 0.22 -1.69	12.14 0.36 -1.03	9.67 0.17 -2.77	10.08 0.15 -3.91	16.21 0.36 0.00	16.23 0.38 -0.33	18.41 0.49 0.00	28.37 0.96 0.00	41.81 1.55 0.00	59.05 2.45 0.00	38.06 2.03 0.00	31.73 1.82 0.00	33.59 1.97 0.00	35.61 2.10 0.00	32.57 1.75 0.00	29.52 1.58 0.00
JARVIS____ 23743	-0.07 0.01 -1.36	-0.31 0.01 -0.56	6.41 -0.04 0.00	4.50 -0.03 -0.41	-0.21 0.00 -0.60	0.29 0.00 0.00	1.97 -0.01 0.00	1.95 -0.01 0.00	5.46 -0.03 0.00	10.70 -0.05 0.00	6.69 -0.03 0.00	5.99 -0.03 0.00	15.77 -0.08 0.00	15.44 -0.09 0.00	17.82 -0.10 0.00	27.26 -0.15 0.00	40.04 -0.22 0.00	56.32 -0.28 0.00	35.89 -0.15 0.00	29.79 -0.12 0.00	31.47 -0.15 0.00	33.33 -0.18 0.00	30.64 -0.18 0.00	27.77 -0.16 0.00
JENNISON___1 23625	4.34 -0.07 -5.85	4.81 -0.04 -5.73	9.71 0.29 -2.98	8.12 0.19 -3.82	4.96 -0.03 -5.81	5.40 0.02 -5.10	5.25 0.09 -3.18	5.58 0.11 -3.52	7.90 0.27 -2.14	12.57 0.52 -1.31	10.54 0.31 -3.51	11.25 0.28 -4.96	16.61 0.76 0.00	16.71 0.77 -0.41	18.84 0.91 0.00	28.96 1.55 0.00	42.65 2.39 0.00	59.94 3.34 0.00	38.36 2.33 0.00	31.88 1.96 0.00	33.70 2.07 0.00	35.74 2.23 0.00	32.69 1.86 0.00	29.55 1.61 0.00
JENNISON___2 23626	4.34 -0.07 -5.85	4.81 -0.04 -5.73	9.71 0.29 -2.98	8.12 0.19 -3.82	4.96 -0.03 -5.81	5.40 0.02 -5.10	5.25 0.09 -3.18	5.58 0.11 -3.52	7.90 0.27 -2.14	12.57 0.52 -1.31	10.54 0.31 -3.51	11.25 0.28 -4.96	16.61 0.76 0.00	16.71 0.77 -0.41	18.84 0.91 0.00	28.96 1.55 0.00	42.65 2.39 0.00	59.94 3.34 0.00	38.36 2.33 0.00	31.88 1.96 0.00	33.70 2.07 0.00	35.74 2.23 0.00	32.69 1.86 0.00	29.55 1.61 0.00

JERICO_RISE_WT_PWR 323719	-9.79 0.17 8.52	-4.06 0.11 3.29	5.99 -0.65 -0.19	1.21 -0.47 2.44	-4.21 0.10 3.50	0.59 -0.03 -0.33	2.04 -0.15 -0.21	1.86 -0.33 -0.23	5.09 -0.54 -0.14	9.73 -1.10 -0.09	6.25 -0.71 -0.23	5.63 -0.72 -0.32	13.96 -1.89 0.00	13.57 -1.98 -0.03	15.71 -2.21 0.00	24.13 -3.28 0.00	22.64 -5.58 12.04	44.28 -7.42 4.90	31.68 -4.35 0.00	26.20 -3.71 0.00	26.56 -5.06 0.00	19.42 -5.74 8.35	25.77 -5.05 0.00	23.52 -4.42 0.00
KATONAH__115KV_46KV_TB4 355592	16.10 -0.07 -17.62	16.32 -0.05 -17.25	15.69 0.29 -8.96	15.78 0.17 -11.49	16.65 -0.03 -17.49	15.66 0.02 -15.36	11.63 0.07 -9.58	13.30 0.09 -11.25	13.12 0.26 -7.38	16.14 0.52 -4.87	17.65 0.37 -10.55	21.33 0.39 -14.92	17.48 1.06 -0.57	22.78 1.09 -6.17	20.63 1.33 -1.38	29.44 1.95 -0.08	43.03 2.78 0.00	60.50 3.90 0.00	38.30 2.27 0.00	31.72 1.81 0.00	33.56 1.94 0.00	35.54 2.03 0.00	32.56 1.74 0.00	29.25 1.31 0.00
KCE_NY_1 323755	20.46 -0.06 -21.97	20.59 -0.04 -21.51	17.88 0.26 -11.17	18.62 0.17 -14.33	20.97 -0.03 -21.81	19.44 0.01 -19.15	14.01 0.08 -11.94	15.47 0.08 -13.43	14.05 0.23 -8.33	16.40 0.45 -5.20	20.15 0.26 -13.16	24.86 0.24 -18.60	16.74 0.71 -0.18	19.36 0.68 -3.16	19.18 0.81 -0.45	28.58 1.27 0.09	42.45 2.19 0.00	59.88 3.28 0.00	38.18 2.15 0.00	31.70 1.79 0.00	33.59 1.96 -0.01	35.44 1.93 0.00	32.44 1.62 0.00	29.15 1.21 0.00
KCE_NY_6_ESR 323823	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.21 0.27 -1.50	6.24 0.21 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.56	3.65 0.07 -1.60	3.85 0.12 -1.77	6.71 0.14 -1.08	11.67 0.26 -0.65	8.60 0.11 -1.76	8.61 0.10 -2.49	16.17 0.32 0.00	15.98 0.25 -0.21	18.16 0.23 0.00	28.08 0.68 0.00	41.18 0.93 0.00	57.14 0.54 0.00	36.58 0.55 0.00	30.18 0.26 0.00	31.81 0.19 0.00	34.29 0.78 0.00	31.69 0.87 0.00	29.17 1.23 0.00
KEDC_PORT_JEFF_GT2 24210	16.10 -0.13 -17.67	18.64 -0.08 -19.60	15.77 0.48 -8.85	15.75 0.28 -11.35	16.41 -0.05 -17.27	15.49 0.04 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.78 0.42 -7.88	18.15 0.85 -6.56	31.05 0.55 -23.77	27.07 0.56 -20.49	29.87 1.50 -12.52	36.25 1.50 -19.22	53.14 1.77 -33.44	37.46 2.49 -7.57	43.64 3.38 0.00	61.37 4.76 0.00	39.14 2.95 -0.15	32.16 2.25 0.00	34.01 2.38 0.00	36.14 2.63 0.00	33.44 2.62 0.00	30.09 2.15 0.00
KEDC_PORT_JEFF_GT3 24211	16.10 -0.13 -17.67	18.64 -0.08 -19.60	15.77 0.48 -8.85	15.75 0.28 -11.35	16.41 -0.05 -17.27	15.49 0.04 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.78 0.42 -7.88	18.15 0.85 -6.56	31.05 0.55 -23.77	27.07 0.56 -20.49	29.87 1.50 -12.52	36.25 1.50 -19.22	53.14 1.77 -33.44	37.46 2.49 -7.57	43.64 3.38 0.00	61.37 4.76 0.00	39.14 2.95 -0.15	32.16 2.25 0.00	34.01 2.38 0.00	36.14 2.63 0.00	33.44 2.62 0.00	30.09 2.15 0.00
KEDC_GLWD_GT4 24219	16.13 -0.09 -17.67	18.66 -0.06 -19.60	15.64 0.35 -8.85	15.67 0.21 -11.35	16.43 -0.04 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.68 0.31 -7.88	17.94 0.63 -6.56	30.93 0.44 -23.77	26.97 0.46 -20.49	29.62 1.25 -12.52	36.01 1.27 -19.22	52.88 1.52 -33.44	37.09 2.11 -7.57	43.20 2.95 0.00	60.74 4.14 0.00	38.59 2.41 -0.15	31.80 1.88 0.00	33.66 2.04 0.00	35.86 2.36 0.00	32.91 2.09 0.00	29.57 1.63 0.00
KEDC_GLWD_GT5 24220	16.13 -0.09 -17.67	18.66 -0.06 -19.60	15.64 0.35 -8.85	15.67 0.21 -11.35	16.43 -0.04 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.68 0.31 -7.88	17.94 0.63 -6.56	30.93 0.44 -23.77	26.97 0.46 -20.49	29.62 1.25 -12.52	36.01 1.27 -19.22	52.88 1.52 -33.44	37.09 2.11 -7.57	43.20 2.95 0.00	60.74 4.14 0.00	38.59 2.41 -0.15	31.80 1.88 0.00	33.66 2.04 0.00	35.86 2.36 0.00	32.91 2.09 0.00	29.57 1.63 0.00
KENSICO____ 23655	15.84 -0.07 -17.36	16.07 -0.05 -16.99	15.54 0.27 -8.83	15.60 0.16 -11.33	16.39 -0.03 -17.23	15.43 0.02 -15.13	11.49 0.07 -9.44	13.61 0.08 -11.58	13.70 0.24 -7.98	16.75 0.48 -5.51	17.47 0.34 -10.40	21.09 0.37 -14.70	17.84 1.00 -0.99	26.32 1.02 -9.78	21.56 1.24 -2.39	29.32 1.82 -0.09	42.79 2.53 0.00	60.12 3.53 0.00	38.05 2.02 0.00	31.52 1.61 0.00	33.36 1.73 0.00	35.35 1.84 0.00	32.42 1.60 0.00	29.12 1.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	14.84 -0.08 -16.36	15.09 -0.05 -16.02	15.07 0.30 -8.32	14.97 0.18 -10.67	15.40 -0.03 -16.24	14.56 0.01 -14.26	10.95 0.08 -8.89	11.71 0.09 -9.66	11.46 0.25 -5.71	14.65 0.52 -3.38	16.87 0.34 -9.80	20.23 0.35 -13.86	16.68 0.99 0.16	16.34 1.03 0.22	18.78 1.23 0.38	29.34 1.89 -0.05	43.12 2.86 0.00	60.88 4.28 0.00	38.64 2.61 0.00	32.05 2.14 0.00	33.88 2.26 0.00	35.84 2.33 0.00	32.80 1.98 0.00	29.43 1.49 0.00
KIAC_JFK_GT1 23816	15.88 -0.07 -17.40	16.10 -0.05 -17.03	15.56 0.28 -8.85	15.62 0.16 -11.35	16.43 -0.02 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.58 0.09 -11.53	13.63 0.26 -7.89	16.68 0.52 -5.42	17.49 0.34 -10.42	21.14 0.38 -14.73	17.85 1.08 -0.93	25.86 1.09 -9.25	21.44 1.27 -2.24	29.25 1.75 -0.09	42.80 2.54 0.00	60.16 3.56 0.00	38.06 2.03 0.00	31.50 1.59 0.00	33.29 1.66 0.00	35.33 1.82 0.00	32.49 1.67 0.00	29.18 1.25 0.00
KIAC_JFK_GT2 23817	15.88 -0.07 -17.40	16.10 -0.05 -17.03	15.56 0.28 -8.85	15.62 0.16 -11.35	16.43 -0.02 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.58 0.09 -11.53	13.63 0.26 -7.89	16.68 0.52 -5.42	17.49 0.34 -10.42	21.14 0.38 -14.73	17.85 1.08 -0.93	25.86 1.09 -9.25	21.44 1.27 -2.24	29.25 1.75 -0.09	42.80 2.54 0.00	60.16 3.56 0.00	38.06 2.03 0.00	31.50 1.59 0.00	33.29 1.66 0.00	35.33 1.82 0.00	32.49 1.67 0.00	29.18 1.25 0.00
KIAC_JFK____ 323774	15.88 -0.07 -17.40	16.10 -0.05 -17.03	15.56 0.28 -8.85	15.62 0.16 -11.35	16.43 -0.02 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.58 0.09 -11.53	13.63 0.26 -7.89	16.68 0.52 -5.42	17.49 0.34 -10.42	21.14 0.38 -14.73	17.85 1.08 -0.93	25.86 1.09 -9.25	21.44 1.27 -2.24	29.25 1.75 -0.09	42.80 2.54 0.00	60.16 3.56 0.00	38.06 2.03 0.00	31.50 1.58 0.00	33.29 1.66 0.00	35.33 1.83 0.00	32.49 1.67 0.00	29.18 1.24 0.00
KINTIGH____ 23543	0.96 -0.03 -2.43	1.49 -0.02 -2.38	7.86 0.18 -1.24	5.84 0.14 -1.59	1.57 -0.04 -2.42	2.39 -0.02 -2.12	3.35 0.04 -1.32	3.49 0.07 -1.46	6.41 0.04 -0.89	11.33 0.04 -0.54	8.16 -0.03 -1.46	8.04 -0.04 -2.06	15.79 -0.06 0.00	15.58 -0.11 -0.17	17.72 -0.20 0.00	27.35 -0.06 0.00	40.08 -0.17 0.00	55.73 -0.87 0.00	35.72 -0.31 0.00	29.49 -0.42 0.00	31.08 -0.55 0.00	33.48 -0.03 0.00	30.92 0.10 0.00	28.47 0.53 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-9.46 0.16 8.17	-3.93 0.10 3.15	6.06 -0.58 -0.19	1.36 -0.42 2.33	-4.07 0.10 3.35	0.58 -0.03 -0.33	2.06 -0.13 -0.20	1.88 -0.30 -0.23	5.14 -0.48 -0.14	9.85 -0.98 -0.08	6.33 -0.62 -0.23	5.69 -0.65 -0.32	14.15 -1.70 0.00	13.78 -1.77 -0.03	15.95 -1.97 0.00	24.56 -2.84 0.00	23.14 -4.91 12.20	44.99 -6.65 4.97	32.28 -3.75 0.00	26.73 -3.18 0.00	27.10 -4.52 0.00	19.79 -5.26 8.46	26.14 -4.68 0.00	23.84 -4.10 0.00

LACHUTE____HYDRO 323717	20.44 -0.11 -22.00	20.58 -0.07 -21.54	18.20 0.57 -11.19	18.86 0.39 -14.35	20.98 -0.05 -21.85	19.48 0.02 -19.18	14.11 0.16 -11.96	15.58 0.17 -13.45	14.26 0.43 -8.34	16.79 0.83 -5.21	20.45 0.54 -13.18	25.12 0.46 -18.63	17.37 1.34 -0.18	19.97 1.29 -3.15	19.85 1.48 -0.45	29.79 2.48 0.09	45.10 4.85 0.00	63.69 7.09 0.00	40.84 4.80 0.00	33.97 4.06 0.00	35.40 3.78 -0.01	36.95 3.44 0.00	33.75 2.93 0.00	30.23 2.29 0.00
LAWRNCAV_115KV_TB1 80681	-13.25 0.17 11.97	-5.43 0.12 4.67	6.05 -0.63 -0.24	0.18 -0.48 3.45	-5.68 0.10 4.96	0.66 -0.03 -0.40	2.08 -0.15 -0.25	1.92 -0.32 -0.28	5.08 -0.58 -0.17	9.62 -1.23 -0.10	6.23 -0.77 -0.28	5.63 -0.78 -0.39	13.70 -2.14 0.00	13.33 -2.23 -0.03	15.41 -2.52 0.00	23.58 -3.82 0.00	23.94 -5.96 10.36	44.70 -7.68 4.22	31.60 -4.43 0.00	26.20 -3.72 0.00	26.97 -4.64 0.00	20.99 -5.33 7.19	26.16 -4.66 0.00	23.82 -4.12 0.00
LEDERLE____ 23769	15.24 -0.07 -16.75	15.48 -0.05 -16.40	15.23 0.27 -8.52	15.20 0.16 -10.93	15.79 -0.03 -16.63	14.90 0.01 -14.60	11.16 0.07 -9.11	10.56 0.08 -8.52	9.58 0.23 -3.86	12.70 0.48 -1.47	17.11 0.35 -10.04	20.58 0.37 -14.19	15.50 1.02 1.36	5.97 1.04 10.59	15.89 1.26 3.29	29.37 1.88 -0.08	42.90 2.64 0.00	60.27 3.67 0.00	38.16 2.13 0.00	31.59 1.68 0.00	33.39 1.77 0.00	35.39 1.88 0.00	32.45 1.64 0.00	29.12 1.18 0.00
LIGHTHSE_115KV_TB6 355974	-6.86 0.04 5.45	-2.34 0.02 1.48	6.98 -0.15 -0.68	2.84 -0.10 1.18	-2.42 0.02 1.63	1.45 0.00 -1.17	2.66 -0.05 -0.73	2.73 -0.03 -0.81	5.90 -0.08 -0.49	10.92 -0.13 -0.30	7.45 -0.08 -0.80	7.04 -0.11 -1.13	15.44 -0.41 0.00	15.14 -0.48 -0.09	17.37 -0.56 0.00	26.57 -0.84 0.00	38.17 -1.06 1.03	55.12 -1.07 0.42	35.56 -0.48 0.00	29.62 -0.29 0.00	31.21 -0.41 0.00	32.15 -0.64 0.71	30.21 -0.61 0.00	27.44 -0.50 0.00
LINDEN COGEN____ 23786	15.88 -0.07 -17.40	16.11 -0.04 -17.03	15.55 0.26 -8.85	15.62 0.15 -11.35	16.43 -0.02 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.08 -11.53	13.62 0.24 -7.89	16.65 0.48 -5.42	17.49 0.34 -10.42	21.13 0.37 -14.73	17.81 1.03 -0.93	20.17 1.06 -3.59	21.47 1.31 -2.24	29.39 1.90 -0.09	42.81 2.56 0.00	60.09 3.49 0.00	37.99 1.96 0.00	31.48 1.56 0.00	33.27 1.65 0.00	35.24 1.74 0.00	32.34 1.52 0.00	29.06 1.12 0.00
LINDHRST_69_KV_BK1 356055	16.10 -0.12 -17.67	18.64 -0.08 -19.59	15.76 0.47 -8.85	15.75 0.28 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.13 -9.46	13.63 0.14 -11.52	13.78 0.41 -7.88	18.13 0.82 -6.56	31.04 0.55 -23.77	27.07 0.57 -20.49	29.90 1.53 -12.52	36.27 1.52 -19.22	53.18 1.81 -33.44	37.72 2.75 -7.56	44.14 3.89 0.00	62.08 5.48 0.00	39.56 3.38 -0.15	32.53 2.62 0.00	34.46 2.84 0.00	36.52 3.01 0.00	33.61 2.79 0.00	30.19 2.25 0.00
LIPA_MISC_IPP 23656	16.09 -0.13 -17.67	18.63 -0.08 -19.59	15.79 0.50 -8.85	15.77 0.30 -11.35	16.41 -0.06 -17.27	15.48 0.04 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.44 -7.88	18.19 0.88 -6.56	31.07 0.57 -23.77	27.09 0.58 -20.49	29.92 1.55 -12.52	36.29 1.54 -19.22	53.21 1.84 -33.44	37.76 2.79 -7.56	44.17 3.92 0.00	62.15 5.55 0.00	39.65 3.46 -0.15	32.59 2.68 0.00	34.46 2.83 0.00	36.50 2.99 0.00	33.64 2.82 0.00	30.25 2.31 0.00
LISF____SOLAR 323691	16.09 -0.13 -17.67	18.63 -0.08 -19.60	15.81 0.51 -8.85	15.77 0.31 -11.35	16.41 -0.06 -17.27	15.48 0.03 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.81 0.44 -7.88	18.20 0.90 -6.56	31.07 0.58 -23.77	27.09 0.59 -20.49	29.93 1.56 -12.52	36.31 1.56 -19.22	53.23 1.86 -33.44	37.83 2.85 -7.57	44.26 4.00 0.00	62.32 5.72 0.00	39.75 3.56 -0.15	32.69 2.77 0.00	34.55 2.93 0.00	36.61 3.10 0.00	33.72 2.90 0.00	30.32 2.38 0.00
LITTLE FALLS____HYD 24013	-0.04 0.04 -1.36	-0.29 0.03 -0.56	6.25 -0.20 0.00	4.40 -0.12 -0.41	-0.20 0.02 -0.60	0.27 -0.01 0.00	1.92 -0.07 0.00	1.91 -0.05 0.00	5.37 -0.12 0.00	10.58 -0.17 0.00	6.56 -0.17 0.00	5.91 -0.11 0.00	15.62 -0.22 0.00	15.45 -0.08 0.00	17.78 -0.15 0.00	27.10 -0.30 0.00	40.08 -0.18 0.00	56.54 -0.06 0.00	36.19 0.16 0.00	30.13 0.22 0.00	32.08 0.46 0.00	34.05 0.55 0.00	31.09 0.27 0.00	27.77 -0.17 0.00
LITTLRIV_115KV_TB1 356100	-13.72 0.16 12.44	-5.62 0.11 4.85	6.12 -0.57 -0.24	0.08 -0.44 3.59	-5.88 0.09 5.16	0.67 -0.02 -0.41	2.11 -0.13 -0.26	1.95 -0.30 -0.29	5.14 -0.52 -0.17	9.72 -1.13 -0.11	6.30 -0.71 -0.28	5.69 -0.73 -0.40	13.86 -1.99 0.00	13.46 -2.09 -0.03	15.56 -2.36 0.00	23.84 -3.57 0.00	24.55 -5.57 10.14	45.39 -7.08 4.13	32.01 -4.03 0.00	26.56 -3.35 0.00	27.36 -4.26 0.00	21.52 -4.96 7.03	26.49 -4.33 0.00	24.11 -3.83 0.00
LI_NEWBRDGE____DRP 323616	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.67 0.30 -7.88	17.90 0.59 -6.56	30.90 0.41 -23.77	26.93 0.42 -20.49	29.51 1.14 -12.52	35.89 1.15 -19.22	52.73 1.36 -33.44	37.02 2.05 -7.56	43.11 2.85 0.00	60.59 3.99 0.00	38.57 2.38 -0.15	31.75 1.84 0.00	33.60 1.97 0.00	35.62 2.12 0.00	32.80 1.98 0.00	29.49 1.55 0.00
LOCKPORT_115KV_TB60_63_64 80432	1.16 -0.04 -2.64	1.69 -0.02 -2.59	8.02 0.24 -1.35	6.04 0.20 -1.72	1.75 -0.06 -2.63	2.57 -0.02 -2.30	3.49 0.07 -1.44	3.67 0.11 -1.59	6.52 0.07 -0.96	11.41 0.07 -0.59	8.30 -0.01 -1.58	8.25 -0.01 -2.24	15.93 0.08 0.00	15.67 -0.04 -0.19	17.76 -0.17 0.00	27.45 0.04 0.00	40.23 -0.03 0.00	55.84 -0.76 0.00	35.84 -0.19 0.00	29.60 -0.31 0.00	31.20 -0.43 0.00	33.74 0.23 0.00	31.18 0.36 0.00	28.85 0.91 0.00
LOCKPORT____CC1 323769	1.18 -0.04 -2.66	1.71 -0.02 -2.61	8.03 0.24 -1.36	6.05 0.20 -1.74	1.77 -0.06 -2.64	2.58 -0.03 -2.32	3.50 0.06 -1.45	3.67 0.11 -1.60	6.53 0.07 -0.97	11.42 0.08 -0.59	8.32 -0.01 -1.60	8.26 -0.01 -2.26	15.92 0.07 0.00	15.67 -0.04 -0.19	17.77 -0.16 0.00	27.44 0.04 0.00	40.22 -0.04 0.00	55.78 -0.82 0.00	35.82 -0.21 0.00	29.58 -0.34 0.00	31.18 -0.45 0.00	33.70 0.20 0.00	31.15 0.33 0.00	28.81 0.87 0.00
LOCKPORT____CC2 323770	1.18 -0.04 -2.66	1.71 -0.02 -2.61	8.03 0.24 -1.36	6.05 0.20 -1.74	1.77 -0.06 -2.64	2.58 -0.03 -2.32	3.50 0.06 -1.45	3.67 0.11 -1.60	6.53 0.07 -0.97	11.42 0.08 -0.59	8.32 -0.01 -1.60	8.26 -0.01 -2.26	15.92 0.07 0.00	15.67 -0.04 -0.19	17.77 -0.16 0.00	27.44 0.04 0.00	40.22 -0.04 0.00	55.78 -0.82 0.00	35.82 -0.21 0.00	29.58 -0.34 0.00	31.18 -0.45 0.00	33.70 0.20 0.00	31.15 0.33 0.00	28.81 0.87 0.00
LOCKPORT____CC3 323771	1.18 -0.04 -2.66	1.71 -0.02 -2.61	8.03 0.24 -1.36	6.05 0.20 -1.74	1.77 -0.06 -2.64	2.58 -0.03 -2.32	3.50 0.06 -1.45	3.67 0.11 -1.60	6.53 0.07 -0.97	11.42 0.08 -0.59	8.32 -0.01 -1.60	8.26 -0.01 -2.26	15.92 0.07 0.00	15.67 -0.04 -0.19	17.77 -0.16 0.00	27.44 0.04 0.00	40.22 -0.04 0.00	55.78 -0.82 0.00	35.82 -0.21 0.00	29.58 -0.34 0.00	31.18 -0.45 0.00	33.70 0.20 0.00	31.15 0.33 0.00	28.81 0.87 0.00

LONG_LAKE_PHOENIX 24014	-1.45 0.01 0.02	-0.04 0.01 -0.84	7.15 -0.05 -0.75	4.60 -0.03 -0.51	0.01 0.00 -0.82	1.58 0.00 -1.29	2.77 -0.01 -0.80	2.85 0.00 -0.89	5.99 -0.04 -0.54	11.00 -0.08 -0.33	7.55 -0.06 -0.89	7.19 -0.09 -1.26	15.60 -0.25 0.00	15.37 -0.26 -0.10	17.64 -0.28 0.00	27.00 -0.40 0.00	39.34 -0.61 0.31	55.74 -0.74 0.13	35.65 -0.38 0.00	29.62 -0.29 0.00	31.30 -0.32 0.00	32.98 -0.31 0.22	30.58 -0.24 0.00	27.87 -0.07 0.00
LOVETT___3 23632	15.31 -0.06 -16.81	15.54 -0.04 -16.46	15.22 0.23 -8.55	15.22 0.13 -10.97	15.86 -0.02 -16.69	14.95 0.01 -14.65	11.18 0.05 -9.14	10.52 0.06 -8.50	9.47 0.20 -3.79	12.55 0.41 -1.39	17.10 0.30 -10.07	20.59 0.33 -14.24	15.32 0.89 1.41	5.36 0.89 11.06	15.60 1.09 3.43	29.09 1.60 -0.08	42.46 2.21 0.00	59.67 3.07 0.00	37.78 1.75 0.00	31.28 1.37 0.00	33.08 1.45 0.00	35.08 1.57 0.00	32.19 1.37 0.00	28.90 0.96 0.00
LOVETT___4 23642	15.31 -0.06 -16.81	15.54 -0.04 -16.46	15.22 0.23 -8.55	15.22 0.13 -10.97	15.86 -0.02 -16.69	14.95 0.01 -14.65	11.18 0.05 -9.14	10.52 0.06 -8.50	9.47 0.20 -3.79	12.55 0.41 -1.39	17.10 0.30 -10.07	20.59 0.33 -14.24	15.32 0.89 1.41	5.36 0.89 11.06	15.60 1.09 3.43	29.09 1.60 -0.08	42.46 2.21 0.00	59.67 3.07 0.00	37.78 1.75 0.00	31.28 1.37 0.00	33.08 1.45 0.00	35.08 1.57 0.00	32.19 1.37 0.00	28.90 0.96 0.00
LOVETT___5 23593	15.31 -0.06 -16.81	15.54 -0.04 -16.46	15.22 0.23 -8.55	15.22 0.13 -10.97	15.86 -0.02 -16.69	14.95 0.01 -14.65	11.18 0.05 -9.14	10.52 0.06 -8.50	9.47 0.20 -3.79	12.55 0.41 -1.39	17.10 0.30 -10.07	20.59 0.33 -14.24	15.32 0.89 1.41	5.36 0.89 11.06	15.60 1.09 3.43	29.09 1.60 -0.08	42.46 2.21 0.00	59.67 3.07 0.00	37.78 1.75 0.00	31.28 1.37 0.00	33.08 1.45 0.00	35.08 1.57 0.00	32.19 1.37 0.00	28.90 0.96 0.00
LOWER RAQUET___HYD 24057	-14.13 0.18 12.87	-5.78 0.12 5.02	6.03 -0.66 -0.25	-0.11 -0.51 3.72	-6.05 0.11 5.34	0.68 -0.03 -0.42	2.08 -0.17 -0.26	1.93 -0.33 -0.29	5.06 -0.60 -0.18	9.59 -1.27 -0.11	6.23 -0.79 -0.29	5.63 -0.80 -0.41	13.66 -2.19 0.00	13.28 -2.28 -0.03	15.35 -2.58 0.00	23.49 -3.91 0.00	24.26 -6.07 9.93	44.76 -7.80 4.04	31.54 -4.50 0.00	26.15 -3.76 0.00	26.92 -4.70 0.00	21.22 -5.40 6.89	26.07 -4.75 0.00	23.73 -4.21 0.00
LOWER___HUDSON 24059	20.09 -0.04 -21.57	20.22 -0.02 -21.12	17.57 0.16 -10.97	18.29 0.11 -14.07	20.58 -0.02 -21.42	19.09 0.00 -18.80	13.76 0.05 -11.73	15.22 0.05 -13.21	13.83 0.14 -8.20	16.15 0.26 -5.13	19.81 0.16 -12.92	24.43 0.15 -18.27	16.47 0.43 -0.20	19.16 0.41 -3.22	18.88 0.48 -0.47	28.01 0.72 0.12	41.45 1.19 0.00	58.47 1.86 0.00	37.19 1.16 0.00	30.92 1.01 0.00	32.82 1.20 -0.01	34.66 1.16 0.00	31.77 0.95 0.00	28.58 0.64 0.00
LOWVILLE_115KV_TB2 356335	33.35 0.09 -34.71	13.88 0.06 -14.70	6.43 -0.38 -0.37	14.57 -0.27 -10.73	14.79 0.06 -15.54	0.92 -0.01 -0.64	2.26 -0.12 -0.40	2.30 -0.10 -0.44	5.59 -0.17 -0.27	10.61 -0.30 -0.16	6.99 -0.18 -0.44	6.46 -0.18 -0.62	15.13 -0.72 0.00	14.68 -0.90 -0.05	16.90 -1.03 0.00	25.87 -1.54 0.00	35.60 -1.92 2.73	53.64 -1.85 1.11	35.33 -0.70 0.00	29.47 -0.44 0.00	30.84 -0.78 0.00	30.12 -1.49 1.89	29.30 -1.52 0.00	26.49 -1.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.46 -0.06 -21.97	20.59 -0.04 -21.51	17.88 0.26 -11.17	18.62 0.17 -14.33	20.97 -0.03 -21.81	19.44 0.01 -19.15	14.01 0.08 -11.94	15.47 0.08 -13.43	14.04 0.22 -8.33	16.39 0.43 -5.20	20.15 0.26 -13.16	24.86 0.24 -18.60	16.73 0.70 -0.18	19.36 0.68 -3.16	19.17 0.79 -0.45	28.56 1.24 0.09	42.39 2.13 0.00	59.82 3.21 0.00	38.13 2.10 0.00	31.68 1.77 0.00	33.56 1.93 -0.01	35.40 1.90 0.00	32.41 1.59 0.00	29.14 1.20 0.00
LUTHERNY_35_KV_BK2 355980	20.46 -0.06 -21.97	20.59 -0.04 -21.51	17.88 0.26 -11.17	18.62 0.17 -14.33	20.97 -0.03 -21.81	19.44 0.01 -19.15	14.01 0.08 -11.94	15.47 0.08 -13.43	14.05 0.23 -8.33	16.40 0.45 -5.20	20.15 0.26 -13.16	24.86 0.24 -18.60	16.74 0.70 -0.18	19.36 0.68 -3.16	19.18 0.81 -0.45	28.58 1.27 0.09	42.45 2.19 0.00	59.88 3.28 0.00	38.18 2.15 0.00	31.70 1.79 0.00	33.59 1.96 -0.01	35.44 1.93 0.00	32.44 1.62 0.00	29.15 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	-20.83 0.15 19.54	-8.45 0.11 7.68	6.18 -0.59 -0.32	-2.00 -0.44 5.67	-8.88 0.09 8.17	0.82 -0.02 -0.56	2.17 -0.17 -0.35	2.11 -0.24 -0.38	5.27 -0.45 -0.23	9.98 -0.91 -0.14	6.55 -0.56 -0.54	6.00 -0.57 0.00	14.18 -1.66 0.00	13.78 -1.80 -0.05	15.88 -2.05 0.00	24.30 -3.10 0.00	29.06 -4.49 6.70	48.41 -5.46 2.73	33.03 -3.00 0.00	27.51 -2.40 0.00	28.57 -3.05 0.01	25.06 -3.80 4.65	27.37 -3.46 0.00	24.81 -3.13 0.00
LYONS_FALL_HYD 23570	-1.88 0.05 0.48	-0.65 0.04 -0.19	6.58 -0.21 -0.35	4.05 -0.16 -0.10	-0.61 0.03 -0.17	0.88 0.00 -0.59	2.29 -0.06 -0.37	2.32 -0.06 -0.41	5.66 -0.08 -0.25	10.77 -0.13 -0.15	7.07 -0.07 -0.41	6.52 -0.08 -0.58	15.47 -0.37 0.00	15.08 -0.49 -0.05	17.37 -0.56 0.00	26.60 -0.80 0.00	37.57 -0.94 1.75	55.14 -0.75 0.71	35.90 -0.13 0.00	29.90 -0.01 0.00	31.41 -0.21 0.00	31.63 -0.67 1.21	30.09 -0.73 0.00	27.22 -0.73 0.00
MADISON___COUNTY_LFGE 323628	2.90 -0.02 -4.36	1.52 -0.01 -2.41	7.06 0.07 -0.55	5.85 0.04 -1.70	1.69 -0.01 -2.50	1.23 0.00 -0.94	2.59 0.02 -0.59	2.64 0.03 -0.65	5.97 0.09 -0.40	11.16 0.17 -0.24	7.48 0.10 -0.65	7.03 0.09 -0.92	16.02 0.17 0.00	15.75 0.14 -0.08	18.11 0.18 0.00	27.76 0.35 0.00	40.47 0.66 0.45	57.47 1.06 0.18	36.92 0.89 0.00	30.74 0.82 0.00	32.45 0.82 0.00	33.97 0.78 0.31	31.45 0.62 0.00	28.49 0.55 0.00
MALONE___115KV_TB1 356076	-10.90 0.16 9.61	-4.50 0.11 3.73	6.05 -0.60 -0.21	0.91 -0.45 2.76	-4.68 0.10 3.96	0.61 -0.03 -0.35	2.07 -0.14 -0.22	1.90 -0.31 -0.25	5.13 -0.51 -0.15	9.81 -1.03 -0.09	6.31 -0.66 -0.24	5.68 -0.69 -0.34	14.02 -1.82 0.00	13.63 -1.92 -0.03	15.81 -2.12 0.00	24.23 -3.18 0.00	23.40 -5.35 11.51	44.95 -6.96 4.68	32.03 -4.00 0.00	26.55 -3.37 0.00	27.05 -4.57 0.00	20.27 -5.26 7.98	26.19 -4.63 0.00	23.86 -4.08 0.00
MAPLEWOD_115KV_TB3 80458	19.98 -0.02 -21.45	20.10 -0.01 -21.00	17.48 0.12 -10.91	18.19 0.08 -13.99	20.46 -0.02 -21.30	18.98 0.00 -18.69	13.68 0.04 -11.66	15.12 0.03 -13.13	13.75 0.11 -8.15	16.06 0.21 -5.10	19.71 0.13 -12.85	24.32 0.13 -18.16	16.45 0.41 -0.19	19.12 0.40 -3.19	18.86 0.47 -0.47	27.98 0.66 0.09	41.32 1.07 0.00	58.28 1.68 0.00	37.04 1.01 0.00	30.79 0.88 0.00	32.67 1.04 -0.01	34.52 1.01 0.00	31.63 0.81 0.00	28.47 0.53 0.00
MAPLE RIDGE_WT_1 323574	-4.03 0.09 2.67	-1.92 0.05 1.10	6.12 -0.32 0.00	3.08 -0.23 0.81	-1.93 0.04 1.16	0.28 -0.01 0.00	1.91 -0.07 0.00	1.82 -0.14 0.00	5.23 -0.26 0.00	10.24 -0.51 0.00	6.40 -0.33 0.00	5.68 -0.33 0.00	14.95 -0.90 0.00	14.55 -0.97 0.00	16.82 -1.10 0.00	25.75 -1.66 0.00	39.30 -2.56 -1.61	53.90 -3.36 -0.66	34.13 -1.90 0.00	28.24 -1.67 0.00	29.50 -2.12 0.00	32.12 -2.50 -1.12	28.65 -2.17 0.00	25.99 -1.95 0.00

MAPLE_RIDGE_WT_2 323611	-4.03 0.09 2.67	-1.92 0.05 1.10	6.12 -0.32 0.00	3.08 -0.23 0.81	-1.93 0.04 1.16	0.28 -0.01 0.00	1.91 -0.07 0.00	1.82 -0.14 0.00	5.23 -0.26 0.00	10.24 -0.51 0.00	6.40 -0.33 0.00	5.68 -0.33 0.00	14.95 -0.90 0.00	14.55 -0.97 0.00	16.82 -1.10 0.00	25.75 -1.66 0.00	39.30 -2.56 -1.61	53.90 -3.36 -0.66	34.13 -1.90 0.00	28.24 -1.67 0.00	29.50 -2.12 0.00	32.12 -2.50 -1.12	28.65 -2.17 0.00	25.99 -1.95 0.00
MARBLE_RIVER_WT_PWR 323696	-9.32 0.17 8.05	-3.87 0.11 3.10	5.99 -0.64 -0.19	1.36 -0.46 2.30	-4.01 0.10 3.30	0.58 -0.04 -0.32	2.04 -0.14 -0.20	1.86 -0.33 -0.22	5.10 -0.52 -0.14	9.75 -1.08 -0.08	6.26 -0.69 -0.22	5.64 -0.70 -0.31	14.02 -1.83 0.00	13.63 -1.92 -0.03	15.77 -2.15 0.00	24.24 -3.17 0.00	22.60 -5.39 12.26	44.39 -7.22 4.99	31.80 -4.23 0.00	26.29 -3.62 0.00	26.65 -4.97 0.00	19.33 -5.67 8.50	25.80 -5.02 0.00	23.57 -4.37 0.00
MARSHVLE_115KV_TB1 80742	24.75 -0.08 -26.28	24.80 -0.05 -25.73	20.15 0.34 -13.37	21.48 0.22 -17.15	25.24 -0.04 -26.09	23.21 0.02 -22.91	16.38 0.11 -14.29	18.03 0.11 -15.96	15.59 0.29 -9.81	17.41 0.58 -6.07	22.82 0.35 -15.74	28.60 0.32 -22.26	16.77 0.79 -0.13	19.32 0.81 -2.98	19.12 0.88 -0.31	28.73 1.38 0.05	42.25 2.00 0.00	59.77 3.17 0.00	38.36 2.33 0.00	32.05 2.14 0.00	33.78 2.16 -0.01	35.78 2.27 0.00	32.87 2.05 0.00	29.89 1.95 0.00
MARSH_HILL_WT_PWR 323713	2.16 0.00 -3.60	2.64 -0.01 -3.53	8.24 -0.04 -1.83	6.46 -0.01 -2.35	2.77 0.00 -3.57	3.41 -0.01 -3.14	3.90 -0.04 -1.96	4.17 0.04 -2.17	6.85 0.04 -1.32	11.81 0.26 -0.80	9.02 0.14 -2.16	9.20 0.12 -3.05	16.23 0.39 0.00	16.12 0.34 -0.25	18.28 0.36 0.00	28.31 0.90 0.00	41.57 1.31 0.00	58.00 1.40 0.00	37.12 1.09 0.00	30.72 0.80 0.00	32.49 0.87 0.00	34.80 1.30 0.00	32.07 1.25 0.00	29.19 1.25 0.00
MCINTYRE_115KV_TB2 80467	-13.05 0.14 11.74	-5.36 0.10 4.57	6.17 -0.50 -0.23	0.34 -0.39 3.38	-5.59 0.08 4.86	0.66 -0.02 -0.40	2.13 -0.10 -0.25	1.95 -0.28 -0.28	5.18 -0.48 -0.17	9.79 -1.06 -0.10	6.33 -0.67 -0.27	5.71 -0.70 -0.39	13.95 -1.90 0.00	13.56 -2.00 -0.03	15.67 -2.26 0.00	24.01 -3.40 0.00	24.45 -5.33 10.48	45.58 -6.76 4.27	32.21 -3.82 0.00	26.75 -3.16 0.00	27.55 -4.06 0.00	21.50 -4.74 7.26	26.72 -4.10 0.00	24.33 -3.61 0.00
MECO____69_KV_BK1 80468	23.38 -0.13 -24.96	23.47 -0.08 -24.43	19.67 0.53 -12.69	20.73 0.34 -16.28	23.90 -0.06 -24.77	22.06 0.03 -21.75	15.73 0.18 -13.57	17.28 0.14 -15.18	15.09 0.25 -9.36	17.39 0.83 -5.80	21.76 0.09 -14.95	27.59 0.44 -21.13	16.29 0.30 -0.15	19.62 1.07 -3.03	19.02 0.74 -0.35	27.78 0.43 0.06	41.32 1.06 0.00	59.97 3.37 0.00	39.96 3.93 0.00	33.59 3.67 0.00	35.42 3.79 -0.01	37.39 3.88 0.00	34.13 3.31 0.00	30.84 2.90 0.00
MENANDS__115KV_TB5 355628	19.94 -0.02 -21.40	20.06 -0.01 -20.95	17.42 0.09 -10.88	18.14 0.06 -13.96	20.43 -0.01 -21.25	18.95 0.00 -18.65	13.65 0.03 -11.63	15.09 0.02 -13.10	13.71 0.08 -8.14	15.99 0.15 -5.09	19.65 0.10 -12.82	24.25 0.10 -18.13	16.36 0.32 -0.19	19.03 0.32 -3.19	18.77 0.37 -0.47	27.82 0.51 0.09	41.07 0.82 0.00	57.90 1.29 0.00	36.77 0.73 0.00	30.56 0.65 0.00	32.44 0.82 -0.01	34.27 0.77 0.00	31.41 0.59 0.00	28.28 0.34 0.00
MG INDUSTRY__DRP 24185	19.45 -0.03 -20.92	19.59 -0.02 -20.48	17.21 0.13 -10.64	17.85 0.08 -13.65	19.94 -0.02 -20.77	18.53 0.00 -18.23	13.40 0.05 -11.37	14.79 0.04 -12.79	13.53 0.12 -7.93	15.92 0.22 -4.95	19.40 0.14 -12.54	23.88 0.14 -17.72	16.41 0.39 -0.17	18.90 0.41 -2.97	18.83 0.48 -0.42	28.01 0.66 0.05	41.28 1.02 0.00	58.11 1.51 0.00	36.92 0.88 0.00	30.71 0.79 0.00	32.58 0.95 -0.01	34.44 0.93 0.00	31.57 0.75 0.00	28.46 0.52 0.00
MID__OSWEGATCHIE_HYD 23849	-20.83 0.15 19.54	-8.45 0.11 7.68	6.18 -0.59 -0.32	-2.00 -0.44 5.67	-8.88 0.09 8.17	0.82 -0.02 -0.56	2.17 -0.17 -0.35	2.11 -0.24 -0.38	5.27 -0.45 -0.23	9.98 -0.91 -0.14	6.55 -0.56 -0.38	6.00 -0.57 -0.54	14.18 -1.66 0.00	13.78 -1.80 -0.05	15.88 -2.05 0.00	24.30 -3.10 0.00	29.06 -4.49 6.70	48.41 -5.46 2.73	33.03 -3.00 0.00	27.51 -2.40 0.00	28.57 -3.05 0.01	25.06 -3.80 4.65	27.37 -3.46 0.00	24.81 -3.13 0.00
MID__RAQUETTE_HYD 23851	-14.13 0.18 12.87	-5.78 0.12 5.02	6.03 -0.66 -0.25	-0.11 -0.51 3.72	-6.05 0.11 5.34	0.68 -0.03 -0.42	2.08 -0.17 -0.26	1.93 -0.33 -0.29	5.06 -0.60 -0.18	9.59 -1.27 -0.11	6.23 -0.79 -0.29	5.63 -0.80 -0.41	13.66 -2.19 0.00	13.28 -2.28 -0.03	15.35 -2.58 0.00	23.50 -3.91 0.00	24.26 -6.07 9.93	44.76 -7.80 4.04	31.54 -4.50 0.00	26.15 -3.76 0.00	26.93 -4.68 0.00	21.22 -5.40 6.89	26.07 -4.75 0.00	23.73 -4.21 0.00
MILLIKEN__1 23584	2.03 -0.03 -3.51	2.53 -0.02 -3.43	8.38 0.15 -1.78	6.51 0.11 -2.29	2.65 -0.02 -3.48	3.35 0.01 -3.06	3.93 0.04 -1.91	4.13 0.06 -2.11	6.91 0.14 -1.28	11.79 0.26 -0.78	8.96 0.14 -2.10	9.11 0.12 -2.97	16.12 0.28 0.00	16.07 0.30 -0.25	18.28 0.35 0.00	28.08 0.67 0.00	41.24 0.98 0.00	58.07 1.47 0.00	37.18 1.16 0.00	30.89 0.98 0.00	32.63 1.01 0.00	34.67 1.16 0.00	31.84 1.02 0.00	28.92 0.98 0.00
MILLIKEN__2 23585	2.03 -0.03 -3.51	2.53 -0.02 -3.43	8.38 0.15 -1.78	6.51 0.11 -2.29	2.65 -0.02 -3.48	3.35 0.01 -3.06	3.93 0.04 -1.91	4.13 0.06 -2.11	6.91 0.14 -1.28	11.79 0.26 -0.78	8.96 0.14 -2.10	9.11 0.12 -2.97	16.12 0.28 0.00	16.07 0.30 -0.25	18.28 0.35 0.00	28.08 0.67 0.00	41.24 0.98 0.00	58.07 1.47 0.00	37.18 1.16 0.00	30.89 0.98 0.00	32.63 1.01 0.00	34.67 1.16 0.00	31.84 1.02 0.00	28.92 0.98 0.00
MILLIKEN__DIESEL 23629	2.03 -0.03 -3.51	2.53 -0.02 -3.43	8.38 0.15 -1.78	6.51 0.11 -2.29	2.65 -0.02 -3.48	3.35 0.01 -3.06	3.93 0.04 -1.91	4.13 0.06 -2.11	6.91 0.14 -1.28	11.79 0.26 -0.78	8.96 0.14 -2.10	9.11 0.12 -2.97	16.12 0.28 0.00	16.07 0.30 -0.25	18.28 0.35 0.00	28.08 0.67 0.00	41.24 0.98 0.00	58.07 1.47 0.00	37.18 1.16 0.00	30.89 0.98 0.00	32.63 1.01 0.00	34.67 1.16 0.00	31.84 1.02 0.00	28.92 0.98 0.00
MILLSEAT__LFGE 323607	1.05 -0.06 -2.55	1.59 -0.03 -2.50	8.05 0.31 -1.30	6.02 0.24 -1.67	1.66 -0.07 -2.54	2.49 -0.02 -2.23	3.46 0.09 -1.39	3.63 0.13 -1.54	6.56 0.14 -0.93	11.52 0.20 -0.57	8.32 0.06 -1.53	8.24 0.06 -2.16	16.20 0.35 0.00	15.91 0.20 -0.18	18.04 0.12 0.00	27.92 0.51 0.00	40.97 0.71 0.00	57.07 0.46 0.00	36.79 0.76 0.00	30.38 0.46 0.00	32.02 0.40 0.00	34.51 1.01 0.00	31.83 1.01 0.00	29.36 1.42 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.78 -0.07 -17.29	16.00 -0.04 -16.93	15.49 0.26 -8.79	15.55 0.15 -11.28	16.33 -0.03 -17.17	15.37 0.02 -15.07	11.45 0.06 -9.40	13.62 0.07 -11.59	13.74 0.22 -8.03	16.78 0.45 -5.57	17.41 0.33 -10.36	21.01 0.35 -14.64	17.84 0.96 -1.03	26.67 0.98 -10.17	21.61 1.19 -2.50	29.23 1.74 -0.08	42.68 2.42 0.00	59.98 3.38 0.00	37.98 1.94 0.00	31.46 1.54 0.00	33.28 1.65 0.00	35.26 1.75 0.00	32.34 1.52 0.00	29.05 1.12 0.00

MILLWOOD_13_KV_LOAD 356217	15.78 -0.07 -17.29	16.00 -0.05 -16.93	15.51 0.27 -8.79	15.56 0.16 -11.28	16.33 -0.03 -17.17	15.37 0.01 -15.07	11.45 0.07 -9.40	13.63 0.08 -11.59	13.76 0.24 -8.03	16.81 0.49 -5.57	17.43 0.34 -10.36	21.03 0.37 -14.64	17.89 1.01 -1.03	26.72 1.03 -10.17	21.68 1.25 -2.50	29.34 1.84 -0.08	42.85 2.59 0.00	60.22 3.62 0.00	38.12 2.09 0.00	31.58 1.66 0.00	33.41 1.78 0.00	35.39 1.88 0.00	32.45 1.63 0.00	29.14 1.20 0.00
MODEL_CITY_ENERGY 24167	1.23 -0.02 -2.69	1.75 -0.01 -2.64	7.99 0.18 -1.37	6.04 0.17 -1.76	1.81 -0.06 -2.67	2.60 -0.03 -2.35	3.50 0.05 -1.46	3.68 0.10 -1.62	6.48 0.01 -0.98	11.31 -0.04 -0.60	8.26 -0.08 -1.61	8.23 -0.08 -2.28	15.72 -0.13 0.00	15.48 -0.24 -0.19	17.54 -0.39 0.00	27.09 -0.31 0.00	39.69 -0.57 0.00	55.03 -1.58 0.00	35.32 -0.71 0.00	29.18 -0.73 0.00	30.76 -0.87 0.00	33.29 -0.22 0.00	30.79 -0.03 0.00	28.53 0.59 0.00
MODERN_LFGE_ 323580	1.23 -0.02 -2.69	1.75 -0.01 -2.64	7.99 0.18 -1.37	6.04 0.17 -1.76	1.81 -0.06 -2.67	2.60 -0.03 -2.35	3.50 0.05 -1.46	3.68 0.10 -1.62	6.48 0.01 -0.98	11.31 -0.04 -0.60	8.26 -0.08 -1.61	8.23 -0.08 -2.28	15.72 -0.13 0.00	15.48 -0.24 -0.19	17.54 -0.39 0.00	27.09 -0.31 0.00	39.69 -0.57 0.00	55.03 -1.58 0.00	35.32 -0.71 0.00	29.18 -0.73 0.00	30.76 -0.87 0.00	33.29 -0.22 0.00	30.79 -0.03 0.00	28.53 0.59 0.00
MOHAWK_PAPER___DRP 24187	19.98 -0.02 -21.45	20.10 -0.01 -21.00	17.48 0.12 -10.91	18.19 0.08 -13.99	20.46 -0.02 -21.30	18.98 0.00 -18.69	13.68 0.04 -11.66	15.12 0.03 -13.13	13.75 0.11 -8.15	16.06 0.21 -5.10	19.71 0.13 -12.85	24.32 0.13 -18.16	16.45 0.41 -0.19	19.12 0.40 -3.19	18.86 0.47 -0.47	27.98 0.66 0.09	41.32 1.07 0.00	58.28 1.68 0.00	37.04 1.01 0.00	30.79 0.88 0.00	32.67 1.04 -0.01	34.52 1.01 0.00	31.63 0.81 0.00	28.47 0.53 0.00
MOHICAN__35_KV_115KV_LD 80490	20.47 -0.07 -21.99	20.60 -0.04 -21.53	17.94 0.32 -11.18	18.67 0.21 -14.34	20.99 -0.03 -21.83	19.46 0.01 -19.17	14.03 0.09 -11.95	15.50 0.09 -13.44	14.08 0.25 -8.34	16.45 0.49 -5.21	20.17 0.27 -13.17	24.89 0.25 -18.62	16.79 0.76 -0.18	19.38 0.70 -3.16	19.20 0.83 -0.45	28.68 1.36 0.09	42.92 2.66 0.00	60.63 4.03 0.00	38.79 2.76 0.00	32.25 2.34 0.00	34.02 2.39 -0.01	35.78 2.28 0.00	32.72 1.89 0.00	29.36 1.42 0.00
MONGAUP___HYD 23641	14.39 -0.06 -15.90	14.65 -0.04 -15.56	14.76 0.23 -8.08	14.63 0.14 -10.37	14.95 -0.02 -15.78	14.15 0.01 -13.86	10.69 0.07 -8.64	10.61 0.05 -8.60	10.03 0.13 -4.41	13.15 0.25 -2.15	16.42 0.17 -9.53	19.67 0.18 -13.46	15.46 0.45 0.84	9.86 0.48 6.15	16.42 0.53 2.03	28.29 0.81 -0.07	41.56 1.30 0.00	58.66 2.06 0.00	37.31 1.28 0.00	30.99 1.08 0.00	32.86 1.23 0.00	35.04 1.53 0.00	32.27 1.45 0.00	29.11 1.17 0.00
MONTAUK___DIESEL 23721	16.02 -0.21 -17.67	18.59 -0.12 -19.59	16.09 0.80 -8.85	15.95 0.49 -11.35	16.37 -0.09 -17.27	15.50 0.05 -15.16	11.66 0.22 -9.46	13.72 0.24 -11.52	14.07 0.71 -7.88	18.81 1.51 -6.56	31.49 0.99 -23.77	27.50 0.99 -20.49	30.98 2.61 -12.52	37.29 2.54 -19.22	54.40 3.03 -33.44	39.69 4.72 -7.56	47.06 6.81 0.00	66.23 9.62 0.00	42.20 6.01 -0.15	34.62 4.71 0.00	36.47 4.84 0.00	38.59 5.08 0.00	35.53 4.71 0.00	31.81 3.88 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	1.58 -0.06 -3.08	2.10 -0.04 -3.01	8.10 0.09 -1.56	6.21 0.08 -2.01	2.22 -0.02 -3.06	2.95 -0.02 -2.68	3.67 0.01 -1.67	3.91 0.10 -1.85	6.78 0.17 -1.12	11.84 0.41 -0.69	8.80 0.23 -1.84	8.84 0.21 -2.61	16.41 0.57 0.00	16.19 0.45 -0.22	18.41 0.49 0.00	28.57 1.16 0.00	42.12 1.86 0.00	58.48 1.88 0.00	37.34 1.31 0.00	30.70 0.79 0.00	31.98 0.36 0.00	34.17 0.67 0.00	31.63 0.82 0.00	29.16 1.22 0.00
MORTIMER_115KV_TB3 55949	0.70 -0.04 -2.18	1.24 -0.02 -2.14	7.74 0.18 -1.11	5.67 0.13 -1.42	1.32 -0.03 -2.17	2.18 -0.01 -1.90	3.21 0.04 -1.19	3.34 0.06 -1.31	6.36 0.07 -0.80	11.34 0.10 -0.49	8.07 0.04 -1.31	7.89 0.02 -1.85	15.92 0.08 0.00	15.75 0.07 -0.15	18.01 0.08 0.00	27.78 0.37 0.00	40.79 0.53 0.00	57.00 0.40 0.00	36.58 0.55 0.00	30.23 0.31 0.00	31.86 0.24 0.00	34.11 0.60 0.00	31.43 0.61 0.00	28.81 0.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.54 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.90 1.12 -0.93	25.90 1.13 -9.24	21.55 1.38 -2.24	29.52 2.03 -0.09	43.05 2.79 0.00	60.43 3.83 0.00	38.23 2.20 0.00	31.67 1.75 0.00	33.51 1.88 0.00	35.51 2.00 0.00	32.58 1.76 0.00	29.27 1.33 0.00
MUNSVILLE_WIND_PWR 323609	3.71 -0.08 -5.24	4.20 -0.05 -5.13	9.50 0.39 -2.66	7.79 0.26 -3.42	4.34 -0.05 -5.20	4.87 0.02 -4.57	4.95 0.11 -2.85	5.26 0.15 -3.15	7.78 0.38 -1.91	12.63 0.71 -1.17	10.27 0.41 -3.14	10.82 0.36 -4.44	16.81 0.96 0.00	16.86 0.97 -0.37	19.08 1.16 0.00	29.43 2.03 0.00	43.44 3.19 0.00	61.26 4.66 0.00	39.44 3.41 0.00	32.83 2.92 0.00	34.77 3.15 0.00	36.76 3.25 0.00	33.46 2.63 0.00	30.24 2.30 0.00
N SALMON___HYD 24042	-10.90 0.16 9.61	-4.50 0.11 3.73	6.05 -0.60 -0.21	0.91 -0.45 2.76	-4.67 0.10 3.96	0.61 -0.03 -0.35	2.07 -0.14 -0.22	1.90 -0.31 -0.25	5.13 -0.51 -0.15	9.81 -1.03 -0.09	6.31 -0.66 -0.24	5.68 -0.69 -0.34	14.02 -1.82 0.00	13.63 -1.93 -0.03	15.80 -2.12 0.00	24.23 -3.18 0.00	23.40 -5.35 11.51	44.96 -6.96 4.68	32.03 -4.00 0.00	26.55 -3.37 0.00	27.03 -4.59 0.00	20.27 -5.26 7.98	26.19 -4.63 0.00	23.86 -4.08 0.00
N.AKRON__115KV_KNAPP 355671	1.09 -0.06 -2.59	1.62 -0.03 -2.54	8.06 0.30 -1.32	6.04 0.24 -1.69	1.70 -0.07 -2.57	2.52 -0.02 -2.26	3.48 0.09 -1.41	3.65 0.13 -1.56	6.56 0.13 -0.94	11.51 0.18 -0.58	8.33 0.05 -1.55	8.27 0.05 -2.19	16.43 0.58 0.00	16.01 0.30 -0.18	18.01 0.08 0.00	27.83 0.42 0.00	40.82 0.56 0.00	56.80 0.20 0.00	36.56 0.52 0.00	30.18 0.27 0.00	31.81 0.19 0.00	34.34 0.83 0.00	31.69 0.87 0.00	29.26 1.33 0.00
N.BELMOR_69_KV_BK1 55787	16.12 -0.10 -17.67	18.65 -0.06 -19.59	15.67 0.38 -8.85	15.69 0.23 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.54 0.10 -9.46	13.60 0.12 -11.52	13.71 0.34 -7.88	17.99 0.69 -6.56	30.96 0.47 -23.77	27.00 0.48 -20.49	29.69 1.32 -12.52	36.07 1.32 -19.22	52.95 1.58 -33.44	37.38 2.41 -7.56	43.64 3.38 0.00	61.25 4.65 0.00	38.98 2.80 -0.15	32.07 2.16 0.00	34.00 2.38 0.00	36.04 2.54 0.00	33.16 2.34 0.00	29.81 1.87 0.00
N.E._GEN_SANDY PD 24062	18.03 -0.04 -19.52	18.20 -0.02 -19.10	16.54 0.17 -9.93	16.96 0.11 -12.73	18.54 -0.02 -19.37	17.30 0.00 -17.01	12.64 0.05 -10.61	14.10 0.05 -12.09	13.27 0.14 -7.63	15.89 0.28 -4.86	18.62 0.19 -11.70	22.07 0.18 -15.87	16.66 0.50 -0.30	20.06 0.51 -4.02	19.26 0.60 -0.74	27.60 0.84 0.64	41.39 1.24 0.11	58.53 1.93 0.00	37.13 1.10 0.00	30.83 0.93 0.01	32.76 1.13 0.00	33.84 1.11 0.77	31.73 0.91 0.00	28.54 0.60 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.27 -0.06 -16.78	15.51 -0.04 -16.43	15.22 0.24 -8.54	15.21 0.14 -10.95	15.82 -0.02 -16.66	14.93 0.01 -14.63	11.16 0.06 -9.12	10.54 0.07 -8.51	9.52 0.20 -3.83	12.61 0.43 -1.43	17.09 0.31 -10.06	20.58 0.34 -14.21	15.39 0.93 1.39	5.65 0.95 10.83	15.73 1.16 3.36	29.20 1.72 -0.08	42.65 2.40 0.00	59.91 3.31 0.00	37.93 1.90 0.00	31.41 1.50 0.00	33.20 1.58 0.00	35.19 1.69 0.00	32.28 1.46 0.00	28.97 1.03 0.00
N. QUEENS_27_KV_LOAD 356247	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.64 0.35 -8.85	15.66 0.20 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.11 -11.53	13.69 0.31 -7.89	16.79 0.62 -5.42	17.58 0.43 -10.42	21.21 0.45 -14.73	18.04 1.27 -0.93	26.02 1.25 -9.24	21.68 1.51 -2.24	29.71 2.21 -0.09	43.27 3.01 0.00	60.78 4.18 0.00	38.45 2.42 0.00	31.77 1.86 0.00	33.66 2.03 0.00	35.69 2.18 0.00	32.72 1.90 0.00	29.40 1.46 0.00
N. TROY___115KV_TB1 355778	20.09 -0.04 -21.57	20.22 -0.02 -21.12	17.58 0.16 -10.97	18.29 0.11 -14.07	20.58 -0.02 -21.42	19.09 0.00 -18.80	13.76 0.05 -11.73	15.22 0.05 -13.21	13.83 0.14 -8.20	16.15 0.27 -5.13	19.81 0.16 -12.92	24.43 0.15 -18.27	16.47 0.43 -0.20	19.16 0.42 -3.22	18.88 0.48 -0.47	28.01 0.72 0.12	41.45 1.19 0.00	58.47 1.86 0.00	37.20 1.16 0.00	30.92 1.01 0.00	32.82 1.20 -0.01	34.66 1.16 0.00	31.77 0.95 0.00	28.58 0.64 0.00
NARROWS_GT1_1 24228	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT1_2 24229	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT1_3 24230	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT1_4 24231	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT1_5 24232	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT1_6 24233	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT1_7 24234	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT1_8 24235	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT2_1 24236	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT2_2 24237	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT2_3 24238	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT2_4 24239	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00

NARROWS_GT2_5 24240	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT2_6 24241	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT2_7 24242	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NARROWS_GT2_8 24243	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.74 4.14 0.00	38.42 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.68 -0.04 -20.16	18.83 -0.02 -19.74	16.87 0.17 -10.26	17.38 0.11 -13.15	19.18 -0.02 -20.02	17.86 0.01 -17.57	13.00 0.06 -10.96	14.30 0.06 -12.28	13.22 0.16 -7.58	15.72 0.26 -4.71	18.94 0.14 -12.08	23.27 0.18 -17.08	16.42 0.45 -0.13	18.61 0.54 -2.54	18.95 0.71 -0.31	28.24 0.87 0.04	41.69 1.43 0.00	58.80 2.20 0.00	37.45 1.42 0.00	31.30 1.39 0.00	33.29 1.67 0.00	35.12 1.61 0.00	32.09 1.27 0.00	28.84 0.90 0.00
NCHELSEA_115KV_TR2 355582	15.91 -0.07 -17.43	16.13 -0.05 -17.06	15.60 0.29 -8.86	15.66 0.18 -11.37	16.46 -0.03 -17.30	15.49 0.02 -15.19	11.53 0.08 -9.47	12.53 0.09 -10.49	12.11 0.26 -6.37	15.15 0.52 -3.88	17.53 0.36 -10.44	21.16 0.37 -14.76	16.88 1.03 0.00	17.82 1.06 -1.23	19.23 1.30 0.00	29.40 1.92 -0.07	43.07 2.81 0.00	60.62 4.02 0.00	38.42 2.39 0.00	31.84 1.93 0.00	33.69 2.06 0.00	35.65 2.14 0.00	32.65 1.82 0.00	29.32 1.38 0.00
NEG CAPITAL___MECHNVIL 23645	20.34 -0.06 -21.85	20.47 -0.03 -21.39	17.80 0.25 -11.11	18.53 0.17 -14.25	20.85 -0.03 -21.69	19.33 0.01 -19.04	13.94 0.08 -11.88	15.40 0.08 -13.36	14.00 0.22 -8.29	16.36 0.43 -5.18	20.07 0.26 -13.09	24.76 0.23 -18.50	16.73 0.69 -0.19	19.39 0.69 -3.18	19.17 0.79 -0.46	28.54 1.24 0.10	42.36 2.11 0.00	59.80 3.20 0.00	38.10 2.07 0.00	31.66 1.75 0.00	33.54 1.92 -0.01	35.37 1.86 0.00	32.38 1.56 0.00	29.11 1.17 0.00
NEG CENTRAL_HIGH_ACRES 23767	0.67 0.00 -2.12	1.20 0.00 -2.08	7.56 0.03 -1.08	5.54 0.03 -1.39	1.29 -0.01 -2.11	2.13 -0.01 -1.85	3.14 0.00 -1.16	3.26 0.02 -1.28	6.24 -0.03 -0.78	11.15 -0.07 -0.47	7.93 -0.07 -1.27	7.74 -0.07 -1.80	15.65 -0.20 0.00	15.50 -0.17 -0.15	17.74 -0.18 0.00	27.32 -0.09 0.00	40.16 -0.10 0.00	56.31 -0.29 0.00	36.09 0.06 0.00	29.84 -0.07 0.00	31.47 -0.15 0.00	33.59 0.08 0.00	30.91 0.09 0.00	28.27 0.33 0.00
NEG CENTRAL___DRP 24199	0.85 -0.02 -2.32	1.37 -0.02 -2.27	7.72 0.10 -1.18	5.70 0.07 -1.51	1.48 -0.01 -2.30	2.31 0.01 -2.02	3.27 0.03 -1.26	3.40 0.05 -1.39	6.42 0.09 -0.85	11.43 0.17 -0.52	8.19 0.08 -1.39	8.04 0.06 -1.97	16.00 0.16 0.00	15.88 0.19 -0.16	18.15 0.23 0.00	27.89 0.48 0.00	40.95 0.69 0.00	57.53 0.92 0.00	36.82 0.79 0.00	30.55 0.64 0.00	32.23 0.61 0.00	34.32 0.81 0.00	31.54 0.72 0.00	28.73 0.79 0.00
NEG CENTRAL___INDECK 23768	1.53 -0.06 -3.04	2.05 -0.04 -2.97	8.28 0.30 -1.54	6.30 0.21 -1.98	2.16 -0.04 -3.02	2.93 0.00 -2.65	3.71 0.07 -1.65	3.90 0.12 -1.83	6.78 0.18 -1.11	11.73 0.30 -0.68	8.70 0.16 -1.82	8.72 0.13 -2.57	16.26 0.41 0.00	16.11 0.37 -0.21	18.36 0.43 0.00	28.49 1.08 0.00	41.71 1.46 0.00	58.46 1.85 0.00	37.92 1.89 0.00	31.50 1.59 0.00	33.34 1.72 0.00	35.69 2.19 0.00	32.81 1.99 0.00	29.94 2.00 0.00
NEG CENTRAL___SENECA 23627	1.08 -0.03 -2.56	1.60 -0.02 -2.50	7.88 0.14 -1.30	5.88 0.10 -1.67	1.71 -0.01 -2.54	2.52 0.01 -2.23	3.41 0.03 -1.39	3.56 0.06 -1.54	6.54 0.12 -0.93	11.55 0.23 -0.57	8.37 0.11 -1.53	8.28 0.10 -2.17	16.09 0.25 0.00	15.99 0.28 -0.18	18.27 0.35 0.00	28.12 0.71 0.00	41.25 1.00 0.00	57.89 1.29 0.00	37.09 1.06 0.00	30.79 0.88 0.00	32.47 0.84 0.00	34.60 1.09 0.00	31.78 0.96 0.00	28.96 1.02 0.00
NEG CENTRAL___STATE_STREET 24147	0.80 -0.02 -2.27	1.33 -0.02 -2.22	7.73 0.13 -1.15	5.69 0.09 -1.48	1.43 -0.02 -2.25	2.27 0.01 -1.98	3.25 0.03 -1.23	3.38 0.05 -1.37	6.44 0.12 -0.83	11.48 0.22 -0.51	8.20 0.12 -1.36	8.04 0.10 -1.92	16.07 0.22 0.00	15.94 0.26 -0.16	18.19 0.26 0.00	27.92 0.51 0.00	40.89 0.64 0.00	57.70 1.10 0.00	36.94 0.90 0.00	30.59 0.67 0.00	32.26 0.63 0.00	34.36 0.85 0.00	31.58 0.76 0.00	28.77 0.83 0.00
NEG MILLWOOD___DRP 24198	16.07 -0.08 -17.59	16.29 -0.05 -17.22	15.70 0.31 -8.95	15.78 0.19 -11.48	16.62 -0.03 -17.47	15.64 0.02 -15.33	11.63 0.08 -9.56	12.99 0.09 -10.94	12.69 0.27 -6.94	15.73 0.55 -4.43	17.65 0.38 -10.54	21.32 0.40 -14.90	17.26 1.11 -0.31	20.56 1.13 -3.90	20.07 1.40 -0.74	29.54 2.06 -0.07	43.24 2.98 0.00	60.83 4.23 0.00	38.54 2.51 0.00	31.93 2.02 0.00	33.77 2.15 0.00	35.74 2.23 0.00	32.72 1.90 0.00	29.38 1.45 0.00
NEG NORTH_FLCN_SEA 23793	-9.40 0.15 8.11	-3.91 0.10 3.13	6.07 -0.56 -0.19	1.39 -0.41 2.31	-4.05 0.09 3.33	0.58 -0.03 -0.32	2.06 -0.12 -0.20	1.88 -0.30 -0.22	5.15 -0.47 -0.14	9.87 -0.96 -0.08	6.35 -0.61 -0.23	5.70 -0.63 -0.32	14.18 -1.66 0.00	13.82 -1.73 -0.03	16.00 -1.93 0.00	24.59 -2.81 0.00	23.11 -4.91 12.23	44.98 -6.64 4.98	32.27 -3.76 0.00	26.71 -3.21 0.00	27.06 -4.55 0.00	19.72 -5.31 8.48	26.11 -4.71 0.00	23.84 -4.10 0.00
NEG NORTH_KES_CHATEGAY 23792	-9.79 0.17 8.51	-4.06 0.11 3.29	6.00 -0.63 -0.19	1.22 -0.46 2.43	-4.21 0.10 3.50	0.58 -0.04 -0.33	2.05 -0.14 -0.21	1.87 -0.32 -0.23	5.10 -0.53 -0.14	9.76 -1.08 -0.09	6.26 -0.70 -0.23	5.63 -0.71 -0.32	13.98 -1.87 0.00	13.59 -1.96 -0.03	15.74 -2.19 0.00	24.18 -3.22 0.00	22.70 -5.52 12.04	44.40 -7.30 4.90	31.77 -4.26 0.00	26.30 -3.61 0.00	26.69 -4.92 0.00	19.55 -5.61 8.35	25.89 -4.94 0.00	23.62 -4.32 0.00

NEG NORTH___ALICE_FALLS 23915	-9.46 0.16 8.17	-3.93 0.10 3.15	6.06 -0.58 -0.19	1.36 -0.42 2.33	-4.07 0.10 3.35	0.58 -0.03 -0.33	2.06 -0.13 -0.20	1.88 -0.30 -0.23	5.14 -0.48 -0.14	9.85 -0.98 -0.08	6.33 -0.62 -0.23	5.69 -0.65 -0.32	14.15 -1.70 0.00	13.78 -1.77 -0.03	15.95 -1.97 0.00	24.56 -2.84 0.00	23.14 -4.91 12.20	44.99 -6.65 4.97	32.28 -3.75 0.00	26.73 -3.18 0.00	27.10 -4.52 0.00	19.79 -5.26 8.46	26.14 -4.68 0.00	23.84 -4.10 0.00
NEG NORTH___LWR_SARANAC 23913	-9.46 0.16 8.17	-3.93 0.10 3.15	6.06 -0.58 -0.19	1.36 -0.42 2.33	-4.07 0.10 3.35	0.58 -0.03 -0.33	2.06 -0.13 -0.20	1.88 -0.30 -0.23	5.14 -0.48 -0.14	9.85 -0.98 -0.08	6.33 -0.62 -0.23	5.69 -0.65 -0.32	14.15 -1.70 0.00	13.78 -1.77 -0.03	15.95 -1.97 0.00	24.56 -2.84 0.00	23.14 -4.91 12.20	44.99 -6.65 4.97	32.28 -3.75 0.00	26.73 -3.18 0.00	27.10 -4.52 0.00	19.79 -5.26 8.46	26.14 -4.68 0.00	23.84 -4.10 0.00
NEG NORTH___PLATTSBURG 23628	-9.46 0.16 8.17	-3.93 0.10 3.15	6.06 -0.58 -0.19	1.36 -0.42 2.33	-4.07 0.10 3.35	0.58 -0.03 -0.33	2.06 -0.13 -0.20	1.88 -0.30 -0.23	5.14 -0.48 -0.14	9.85 -0.98 -0.08	6.33 -0.62 -0.23	5.69 -0.65 -0.32	14.15 -1.70 0.00	13.78 -1.78 -0.03	15.95 -1.97 0.00	24.56 -2.84 0.00	23.14 -4.91 12.20	44.99 -6.65 4.97	32.28 -3.75 0.00	26.73 -3.18 0.00	27.09 -4.53 0.00	19.79 -5.26 8.46	26.14 -4.68 0.00	23.84 -4.10 0.00
NEG WEST_LEA_LOCKPORT 23791	1.18 -0.04 -2.66	1.71 -0.02 -2.61	8.03 0.24 -1.36	6.05 0.20 -1.74	1.77 -0.06 -2.64	2.59 -0.02 -2.32	3.50 0.06 -1.45	3.67 0.11 -1.60	6.53 0.07 -0.97	11.42 0.08 -0.59	8.31 -0.01 -1.60	8.26 -0.01 -2.26	15.92 0.07 0.00	15.67 -0.05 -0.19	17.75 -0.17 0.00	27.44 0.04 0.00	40.22 -0.04 0.00	55.80 -0.80 0.00	35.81 -0.22 0.00	29.57 -0.34 0.00	31.17 -0.45 0.00	33.70 0.20 0.00	31.15 0.33 0.00	28.81 0.87 0.00
NEG WEST___LANCASTR 23811	1.61 -0.05 -3.11	2.13 -0.03 -3.04	8.29 0.27 -1.58	6.35 0.20 -2.03	2.23 -0.04 -3.09	2.99 -0.01 -2.71	3.74 0.07 -1.69	3.96 0.13 -1.87	6.80 0.17 -1.14	11.76 0.32 -0.69	8.73 0.14 -1.86	8.79 0.14 -2.63	16.28 0.44 0.00	16.10 0.36 -0.22	18.30 0.38 0.00	28.31 0.91 0.00	41.48 1.22 0.00	57.56 0.96 0.00	36.78 0.75 0.00	30.34 0.43 0.00	31.98 0.36 0.00	34.47 0.96 0.00	31.81 0.99 0.00	29.22 1.28 0.00
NEG_PENN_ALLEGHNY 23528	4.07 -0.03 -5.54	4.53 -0.02 -5.43	9.39 0.12 -2.82	7.82 0.08 -3.62	4.68 -0.01 -5.50	5.13 0.02 -4.83	5.03 0.03 -3.01	5.35 0.06 -3.34	7.63 0.12 -2.03	12.22 0.23 -1.24	10.18 0.14 -3.32	10.85 0.13 -4.70	16.21 0.37 0.00	16.29 0.37 -0.39	18.37 0.44 0.00	28.21 0.80 0.00	41.44 1.18 0.00	57.99 1.39 0.00	36.92 0.89 0.00	30.59 0.68 0.00	32.30 0.68 0.00	34.37 0.87 0.00	31.60 0.78 0.00	28.66 0.72 0.00
NEG___GEN_MONROE 24207	0.70 -0.06 -2.20	1.24 -0.03 -2.16	7.85 0.28 -1.12	5.77 0.22 -1.44	1.32 -0.05 -2.19	2.20 -0.01 -1.92	3.27 0.09 -1.20	3.39 0.11 -1.33	6.45 0.15 -0.81	11.43 0.19 -0.49	8.12 0.07 -1.32	7.94 0.05 -1.87	16.05 0.20 0.00	15.84 0.16 -0.16	18.09 0.16 0.00	27.98 0.57 0.00	41.10 0.85 0.00	57.40 0.80 0.00	36.91 0.88 0.00	30.50 0.59 0.00	32.15 0.53 0.00	34.46 0.95 0.00	31.82 1.00 0.00	29.22 1.28 0.00
NEPA___ENERGY 23901	1.64 -0.05 -3.13	2.16 -0.03 -3.07	8.24 0.21 -1.59	6.32 0.16 -2.04	2.28 -0.02 -3.11	3.03 0.02 -2.73	3.74 0.05 -1.70	3.96 0.11 -1.88	6.80 0.16 -1.14	11.78 0.33 -0.70	8.78 0.17 -1.88	8.85 0.18 -2.65	16.34 0.50 0.00	16.20 0.45 -0.22	18.43 0.50 0.00	28.55 1.15 0.00	41.85 1.60 0.00	57.91 1.31 0.00	36.91 0.87 0.00	30.39 0.48 0.00	31.93 0.30 0.00	34.34 0.83 0.00	31.69 0.87 0.00	29.01 1.07 0.00
NEVERSINK___HYD 23608	14.06 -0.06 -15.57	14.33 -0.04 -15.25	14.59 0.23 -7.92	14.41 0.13 -10.16	14.63 -0.02 -15.46	13.87 0.01 -13.57	10.51 0.06 -8.47	11.14 0.07 -9.12	11.00 0.19 -5.32	14.25 0.40 -3.10	16.33 0.27 -9.33	19.49 0.28 -13.19	16.42 0.80 0.22	15.55 0.84 0.81	18.40 1.00 0.53	29.01 1.56 -0.05	42.65 2.39 0.00	60.19 3.59 0.00	38.22 2.19 0.00	31.70 1.79 0.00	33.51 1.89 0.00	35.46 1.95 0.00	32.44 1.62 0.00	29.12 1.17 0.00
NEWKRMKL_115KV_TB1 55635	19.95 -0.01 -21.41	20.07 -0.01 -20.96	17.39 0.06 -10.89	18.12 0.04 -13.97	20.44 0.00 -21.25	18.95 0.00 -18.66	13.64 0.02 -11.64	15.08 0.02 -13.10	13.69 0.06 -8.14	15.95 0.11 -5.09	19.62 0.07 -12.83	24.24 0.09 -18.13	16.31 0.27 -0.19	18.97 0.28 -3.16	18.73 0.34 -0.46	27.77 0.45 0.08	40.99 0.74 0.00	57.77 1.17 0.00	36.69 0.66 0.00	30.49 0.58 0.00	32.35 0.72 -0.01	34.18 0.67 0.00	31.32 0.49 0.00	28.20 0.26 0.00
NEWTON___FALLS_HYD 23847	-20.83 0.15 19.54	-8.45 0.11 7.68	6.18 -0.59 -0.32	-2.00 -0.44 5.67	-8.88 0.09 8.17	0.82 -0.02 -0.56	2.17 -0.17 -0.35	2.11 -0.24 -0.38	5.27 -0.45 -0.23	9.98 -0.91 -0.14	6.55 -0.56 -0.38	6.00 -0.57 -0.54	14.18 -1.66 0.00	13.78 -1.80 -0.05	15.88 -2.05 0.00	24.30 -3.10 0.00	29.06 -4.49 6.70	48.41 -5.46 2.73	33.03 -3.00 0.00	27.51 -2.40 0.00	28.57 -3.05 0.01	25.06 -3.80 4.65	27.37 -3.46 0.00	24.81 -3.13 0.00
NGRID_A1_DSASP 323792	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.06 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.30 -0.19	17.47 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.70 -1.90 0.00	35.13 -0.90 0.00	29.02 -0.89 0.00	30.58 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
NGRID_A2_DSASP 323793	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.06 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.30 -0.19	17.47 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.70 -1.90 0.00	35.13 -0.90 0.00	29.02 -0.89 0.00	30.58 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
NGRID_A4_DSASP 323807	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.05 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.05 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.31 -0.19	17.46 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.73 -1.87 0.00	35.12 -0.91 0.00	29.02 -0.89 0.00	30.59 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
NIAGARA_115E_LBMP 323715	1.26 -0.01 -2.72	1.77 -0.01 -2.66	7.97 0.15 -1.38	6.04 0.15 -1.77	1.83 -0.05 -2.70	2.62 -0.03 -2.37	3.51 0.05 -1.48	3.69 0.10 -1.64	6.46 -0.02 -0.99	11.26 -0.09 -0.61	8.23 -0.12 -1.63	8.21 -0.11 -2.30	15.60 -0.24 0.00	15.37 -0.35 -0.19	17.41 -0.51 0.00	26.89 -0.51 0.00	39.38 -0.87 0.00	54.58 -2.03 0.00	35.04 -1.00 0.00	28.94 -0.97 0.00	30.51 -1.11 0.00	33.05 -0.45 0.00	30.58 -0.24 0.00	28.36 0.42 0.00

NIAGARA_115W_LBMP 323714	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.02 0.20 -1.38	6.04 0.16 -1.77	1.83 -0.05 -2.69	2.62 -0.02 -2.36	3.50 0.04 -1.47	3.67 0.08 -1.63	6.48 0.00 -0.99	11.27 -0.08 -0.60	8.23 -0.12 -1.62	8.21 -0.11 -2.29	15.60 -0.25 0.00	15.38 -0.34 -0.19	17.42 -0.50 0.00	26.91 -0.49 0.00	39.41 -0.85 0.00	54.56 -2.04 0.00	35.03 -1.01 0.00	28.94 -0.97 0.00	30.51 -1.12 0.00	33.02 -0.49 0.00	30.55 -0.27 0.00	28.25 0.32 0.00
NIAGARA_230_LBMP 323716	1.20 -0.03 -2.67	1.72 -0.02 -2.61	8.00 0.19 -1.36	6.02 0.16 -1.74	1.80 -0.04 -2.65	2.59 -0.02 -2.33	3.48 0.04 -1.45	3.65 0.08 -1.61	6.48 0.02 -0.97	11.33 -0.01 -0.59	8.26 -0.06 -1.60	8.21 -0.08 -2.26	15.71 -0.14 0.00	15.49 -0.23 -0.19	17.57 -0.36 0.00	27.12 -0.29 0.00	39.72 -0.54 0.00	55.09 -1.51 0.00	35.34 -0.70 0.00	29.17 -0.74 0.00	30.74 -0.88 0.00	33.23 -0.28 0.00	30.73 -0.09 0.00	28.40 0.46 0.00
NIAGARA__115KV_198_GIBSON 55903	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.02 0.20 -1.38	6.04 0.16 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.67 0.08 -1.63	6.47 0.00 -0.99	11.27 -0.08 -0.60	8.23 -0.12 -1.62	8.21 -0.11 -2.29	15.60 -0.25 0.00	15.37 -0.35 -0.19	17.41 -0.51 0.00	26.92 -0.49 0.00	39.41 -0.85 0.00	54.59 -2.01 0.00	35.03 -1.01 0.00	28.94 -0.97 0.00	30.51 -1.12 0.00	33.03 -0.48 0.00	30.55 -0.27 0.00	28.25 0.31 0.00
NIAGARA____ 23760	1.24 -0.03 -2.71	1.76 -0.02 -2.66	8.02 0.19 -1.38	6.04 0.16 -1.77	1.83 -0.04 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.67 0.08 -1.63	6.49 0.02 -0.98	11.34 -0.01 -0.60	8.28 -0.06 -1.62	8.23 -0.08 -2.29	15.71 -0.14 0.00	15.49 -0.23 -0.19	17.57 -0.36 0.00	27.12 -0.29 0.00	39.72 -0.54 0.00	55.09 -1.51 0.00	35.34 -0.70 0.00	29.17 -0.74 0.00	30.74 -0.88 0.00	33.23 -0.28 0.00	30.73 -0.09 0.00	28.40 0.46 0.00
NINE_MILE_1 23575	-0.30 0.03 -1.11	0.23 0.02 -1.09	6.89 -0.12 -0.57	4.77 -0.08 -0.73	0.31 0.02 -1.11	1.25 -0.01 -0.97	2.55 -0.04 -0.61	2.60 -0.03 -0.67	5.78 -0.11 -0.41	10.77 -0.22 -0.25	7.24 -0.15 -0.67	6.81 -0.16 -0.94	15.41 -0.44 0.00	15.17 -0.43 -0.08	17.39 -0.53 0.00	26.61 -0.79 0.00	39.08 -1.18 0.00	54.90 -1.70 0.00	35.02 -1.02 0.00	29.07 -0.85 0.00	30.71 -0.91 0.00	32.58 -0.92 0.00	30.06 -0.77 0.00	27.42 -0.52 0.00
NINE_MILE_2 23744	-0.30 0.03 -1.11	0.23 0.02 -1.09	6.89 -0.12 -0.57	4.76 -0.08 -0.73	0.31 0.02 -1.11	1.25 -0.01 -0.97	2.55 -0.04 -0.61	2.59 -0.03 -0.67	5.78 -0.11 -0.41	10.77 -0.22 -0.25	7.24 -0.15 -0.67	6.81 -0.16 -0.94	15.41 -0.44 0.00	15.17 -0.43 -0.08	17.39 -0.53 0.00	26.61 -0.79 0.00	39.08 -1.18 0.00	54.90 -1.70 0.00	35.02 -1.02 0.00	29.07 -0.85 0.00	30.71 -0.91 0.00	32.58 -0.92 0.00	30.06 -0.77 0.00	27.42 -0.52 0.00
NM_CAPITAL____DRP 24208	19.88 -0.02 -21.35	20.01 -0.01 -20.90	17.37 0.07 -10.86	18.09 0.05 -13.93	20.37 -0.01 -21.19	18.90 0.00 -18.61	13.61 0.03 -11.60	15.05 0.02 -13.07	13.68 0.07 -8.12	15.96 0.13 -5.08	19.60 0.08 -12.79	24.19 0.09 -18.08	16.32 0.28 -0.19	19.00 0.28 -3.19	18.73 0.34 -0.47	27.77 0.45 0.09	40.98 0.72 0.00	57.76 1.16 0.00	36.68 0.65 0.00	30.49 0.58 0.00	32.36 0.73 -0.01	34.19 0.68 0.00	31.34 0.52 0.00	28.21 0.27 0.00
NM_CENTRAL____DRP 24181	0.16 0.00 -1.61	0.70 0.00 -1.57	7.27 0.01 -0.82	5.17 0.01 -1.05	0.79 0.00 -1.60	1.69 0.00 -1.40	2.86 0.00 -0.87	2.94 0.01 -0.97	6.08 0.00 -0.59	11.11 0.00 -0.36	7.69 -0.01 -0.96	7.37 -0.02 -1.36	15.78 -0.06 0.00	15.58 -0.06 -0.11	17.84 -0.08 0.00	27.30 -0.11 0.00	39.86 -0.15 0.25	56.23 -0.27 0.10	35.94 -0.10 0.00	29.82 -0.10 0.00	31.50 -0.13 0.00	33.27 -0.06 0.17	30.85 0.03 0.00	28.11 0.17 0.00
NM_FRONTIER____DRP 24179	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.02 0.20 -1.38	6.04 0.16 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.67 0.08 -1.63	6.47 0.00 -0.99	11.27 -0.08 -0.60	8.23 -0.12 -1.62	8.21 -0.11 -2.29	15.60 -0.25 0.00	15.37 -0.35 -0.19	17.41 -0.51 0.00	26.92 -0.49 0.00	39.41 -0.85 0.00	54.59 -2.01 0.00	35.03 -1.01 0.00	28.94 -0.97 0.00	30.51 -1.12 0.00	33.03 -0.48 0.00	30.55 -0.27 0.00	28.25 0.31 0.00
NM_ST_REGIS____HYD 24053	-13.47 0.18 12.20	-5.52 0.12 4.75	6.05 -0.64 -0.24	0.11 -0.49 3.52	-5.77 0.10 5.06	0.67 -0.03 -0.41	2.08 -0.15 -0.25	1.92 -0.32 -0.28	5.09 -0.58 -0.17	9.66 -1.20 -0.10	6.26 -0.75 -0.28	5.65 -0.76 -0.40	13.76 -2.09 0.00	13.38 -2.18 -0.03	15.48 -2.45 0.00	23.69 -3.72 0.00	24.14 -5.86 10.26	44.87 -7.56 4.18	31.68 -4.35 0.00	26.27 -3.64 0.00	26.97 -4.64 0.00	21.05 -5.35 7.11	26.12 -4.70 0.00	23.78 -4.16 0.00
NORTHPORT____1 23551	16.12 -0.10 -17.67	18.65 -0.07 -19.60	15.70 0.41 -8.85	15.71 0.24 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.61 0.13 -11.52	13.73 0.36 -7.88	18.03 0.72 -6.56	30.97 0.48 -23.77	26.99 0.48 -20.49	29.65 1.27 -12.52	35.99 1.24 -19.22	52.81 1.44 -33.44	37.13 2.15 -7.57	43.18 2.92 0.00	60.73 4.13 0.00	38.75 2.56 -0.15	31.87 1.95 0.00	33.73 2.10 0.00	35.78 2.27 0.00	32.96 2.15 0.00	29.70 1.76 0.00
NORTHPORT____2 23552	16.12 -0.10 -17.67	18.65 -0.07 -19.60	15.70 0.41 -8.85	15.71 0.24 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.61 0.13 -11.52	13.73 0.36 -7.88	18.03 0.72 -6.56	30.97 0.48 -23.77	26.99 0.48 -20.49	29.65 1.27 -12.52	35.99 1.24 -19.22	52.81 1.44 -33.44	37.13 2.15 -7.57	43.18 2.92 0.00	60.73 4.13 0.00	38.75 2.56 -0.15	31.87 1.95 0.00	33.73 2.10 0.00	35.78 2.27 0.00	32.96 2.15 0.00	29.70 1.76 0.00
NORTHPORT____3 23553	16.13 -0.09 -17.67	18.66 -0.06 -19.60	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.66 0.29 -7.88	17.89 0.59 -6.56	30.89 0.40 -23.77	26.93 0.42 -20.49	29.50 1.12 -12.52	35.87 1.12 -19.22	52.62 1.25 -33.44	36.86 1.88 -7.57	42.81 2.56 0.00	60.20 3.60 0.00	38.37 2.18 -0.15	31.56 1.65 0.00	33.40 1.77 0.00	35.37 1.87 0.00	32.65 1.82 0.00	29.41 1.48 0.00
NORTHPORT____4 23650	16.13 -0.09 -17.67	18.66 -0.06 -19.60	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.58 0.10 -11.52	13.66 0.29 -7.88	17.89 0.59 -6.56	30.89 0.40 -23.77	26.93 0.42 -20.49	29.50 1.12 -12.52	35.87 1.12 -19.22	52.62 1.25 -33.44	36.86 1.88 -7.57	42.81 2.56 0.00	60.20 3.60 0.00	38.37 2.18 -0.15	31.56 1.65 0.00	33.40 1.77 0.00	35.37 1.87 0.00	32.65 1.82 0.00	29.41 1.48 0.00
NORTHPORT____IC 23718	16.12 -0.10 -17.67	18.65 -0.07 -19.60	15.70 0.41 -8.85	15.71 0.24 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.61 0.13 -11.52	13.73 0.36 -7.88	18.03 0.72 -6.56	30.97 0.48 -23.77	26.99 0.48 -20.49	29.65 1.27 -12.52	35.99 1.24 -19.22	52.81 1.44 -33.44	37.13 2.15 -7.57	43.18 2.92 0.00	60.73 4.13 0.00	38.75 2.56 -0.15	31.87 1.95 0.00	33.73 2.10 0.00	35.78 2.27 0.00	32.96 2.15 0.00	29.70 1.76 0.00

NORTH___COUNTRY_ESR 323785	-9.79 0.17 8.52	-4.06 0.11 3.29	5.99 -0.65 -0.19	1.21 -0.47 2.44	-4.21 0.10 3.50	0.59 -0.03 -0.33	2.04 -0.15 -0.21	1.86 -0.33 -0.23	5.09 -0.54 -0.14	9.73 -1.10 -0.09	6.25 -0.71 -0.23	5.63 -0.72 -0.32	13.96 -1.89 0.00	13.57 -1.98 -0.03	15.71 -2.21 0.00	24.13 -3.28 0.00	22.64 -5.58 12.04	44.28 -7.42 4.90	31.68 -4.35 0.00	26.20 -3.71 0.00	26.56 -5.06 0.00	19.42 -5.74 8.35	25.77 -5.05 0.00	23.52 -4.42 0.00
NPX_GEN_1385_PROXY 323591	16.14 -0.08 -17.67	18.65 -0.07 -19.60	15.65 0.36 -8.85	15.68 0.22 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	10.57 0.11 -8.48	13.60 0.12 -11.52	13.73 0.36 -7.88	18.02 0.72 -6.56	30.86 0.37 -23.77	26.84 0.33 -20.49	29.16 0.79 -12.52	24.18 0.77 -7.89	37.73 0.90 -18.90	34.08 1.31 -5.36	29.96 1.70 11.99	53.05 2.44 6.00	38.20 2.01 -0.15	31.24 1.33 0.00	33.08 1.45 0.00	35.26 1.75 0.00	32.45 1.63 0.00	29.14 1.20 0.00
NPX_GEN_CSC 323557	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.82 0.53 -8.85	15.78 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	10.60 0.14 -8.48	13.64 0.16 -11.52	13.83 0.46 -7.88	18.25 0.94 -6.56	31.11 0.61 -23.77	27.13 0.62 -20.49	30.03 1.65 -12.52	36.40 1.65 -19.22	53.34 1.97 -33.44	37.99 3.01 -7.57	44.50 4.24 0.00	62.65 6.05 0.00	39.94 3.76 -0.15	32.83 2.92 0.00	34.71 3.08 0.00	36.77 3.26 0.00	33.86 3.04 0.00	30.44 2.50 0.00
NSINS_S_GLNS_FALLS 23858	20.49 -0.07 -22.01	20.62 -0.04 -21.54	17.95 0.31 -11.19	18.68 0.21 -14.36	21.00 -0.03 -21.85	19.48 0.01 -19.18	14.04 0.10 -11.96	15.51 0.09 -13.45	14.08 0.25 -8.34	16.45 0.49 -5.21	20.17 0.26 -13.18	24.90 0.24 -18.64	16.78 0.75 -0.18	19.37 0.69 -3.15	19.18 0.81 -0.45	28.65 1.33 0.09	42.89 2.63 0.00	60.58 3.98 0.00	38.76 2.73 0.00	32.22 2.31 0.00	33.99 2.36 -0.01	35.76 2.26 0.00	32.70 1.87 0.00	29.34 1.40 0.00
NUCOR_STEEL___DRP 24197	0.72 -0.02 -2.18	1.24 -0.02 -2.14	7.68 0.13 -1.11	5.63 0.09 -1.42	1.34 -0.01 -2.17	2.20 0.01 -1.90	3.20 0.03 -1.19	3.32 0.05 -1.31	6.40 0.11 -0.80	11.45 0.21 -0.49	8.15 0.11 -1.31	7.97 0.10 -1.85	16.06 0.21 0.00	15.93 0.25 -0.15	18.17 0.24 0.00	27.88 0.48 0.00	40.84 0.59 0.00	57.63 1.03 0.00	36.87 0.84 0.00	30.53 0.62 0.00	32.19 0.57 0.00	34.32 0.81 0.00	31.54 0.72 0.00	28.74 0.80 0.00
NUMBER_THREE_WT_PWR 323818	-33.99 0.10 32.64	-13.83 0.07 13.01	6.41 -0.41 -0.37	-5.77 -0.29 9.59	-14.57 0.06 13.82	0.93 -0.01 -0.65	2.26 -0.12 -0.40	2.29 -0.11 -0.44	5.57 -0.18 -0.27	10.59 -0.33 -0.16	6.98 -0.19 -0.44	6.45 -0.20 -0.63	15.09 -0.76 0.00	14.63 -0.94 -0.05	16.84 -1.08 0.00	25.79 -1.62 0.00	35.38 -2.04 2.83	53.46 -1.99 1.15	35.24 -0.79 0.00	29.41 -0.50 0.00	30.75 -0.87 0.00	29.93 -1.61 1.96	29.20 -1.63 0.00	26.39 -1.55 0.00
NYISO_LBMP_REFERENCE 24008	-1.45 0.00 0.00	-0.88 0.00 0.00	6.45 0.00 0.00	4.11 0.00 0.00	-0.81 0.00 0.00	0.29 0.00 0.00	1.98 0.00 0.00	1.96 0.00 0.00	5.49 0.00 0.00	10.75 0.00 0.00	6.73 0.00 0.00	6.02 0.00 0.00	15.85 0.00 0.00	15.52 0.00 0.00	17.92 0.00 0.00	27.41 0.00 0.00	40.26 0.00 0.00	56.60 0.00 0.00	36.03 0.00 0.00	29.91 0.00 0.00	31.62 0.00 0.00	33.51 0.00 0.00	30.82 0.00 0.00	27.94 0.00 0.00
NYPA_BRENTWD___GT 24164	16.10 -0.12 -17.67	18.64 -0.08 -19.60	15.77 0.48 -8.85	15.75 0.29 -11.35	16.41 -0.06 -17.27	15.49 0.03 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.79 0.42 -7.88	18.15 0.85 -6.56	31.05 0.56 -23.77	27.07 0.57 -20.49	29.89 1.52 -12.52	36.25 1.50 -19.22	53.14 1.77 -33.44	37.58 2.60 -7.57	43.79 3.53 0.00	61.58 4.98 0.00	39.27 3.08 -0.15	32.33 2.41 0.00	34.38 2.75 0.00	36.45 2.94 0.00	33.54 2.72 0.00	30.16 2.22 0.00
NYPA_GOWANUS___GT5 24156	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.73 4.13 0.00	38.40 2.37 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NYPA_GOWANUS___GT6 24157	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.00 1.23 -0.93	26.01 1.24 -9.24	21.68 1.52 -2.24	29.71 2.22 -0.09	43.27 3.02 0.00	60.73 4.13 0.00	38.40 2.37 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00
NYPA_HARLEM_RVR_GT1 24160	15.86 -0.09 -17.40	16.10 -0.06 -17.03	15.63 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.19 0.44 -14.73	17.99 1.21 -0.93	25.98 1.21 -9.24	21.62 1.45 -2.24	29.63 2.14 -0.09	43.15 2.89 0.00	60.62 4.02 0.00	38.36 2.33 0.00	31.71 1.80 0.00	33.59 1.97 0.00	35.63 2.12 0.00	32.66 1.84 0.00	29.34 1.40 0.00
NYPA_HARLEM_RVR_GT2 24161	15.86 -0.09 -17.40	16.10 -0.06 -17.03	15.63 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.19 0.44 -14.73	17.99 1.21 -0.93	25.98 1.21 -9.24	21.62 1.45 -2.24	29.63 2.14 -0.09	43.15 2.89 0.00	60.62 4.02 0.00	38.36 2.33 0.00	31.71 1.80 0.00	33.59 1.97 0.00	35.63 2.12 0.00	32.66 1.84 0.00	29.34 1.40 0.00
NYPA_KENT___GT 24152	15.87 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.56 0.42 -10.42	21.19 0.44 -14.73	17.98 1.21 -0.93	25.99 1.22 -9.24	21.65 1.49 -2.24	29.67 2.18 -0.09	43.20 2.94 0.00	60.58 3.98 0.00	38.33 2.29 0.00	31.77 1.85 0.00	33.68 2.05 0.00	35.72 2.22 0.00	32.76 1.94 0.00	29.44 1.50 0.00
NYPA_POUCH1___GT 24155	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.30 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.03 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.61 1.20 -8.89	21.63 1.46 -2.24	29.62 2.13 -0.09	43.02 2.86 0.09	60.51 3.92 0.01	38.30 2.26 0.00	31.75 1.83 0.00	33.67 2.05 0.00	35.74 2.23 0.00	32.77 1.95 0.00	29.49 1.55 0.00
NYPA_VERNON___GT2 24162	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.75 0.58 -5.42	17.56 0.41 -10.42	21.19 0.44 -14.73	17.96 1.19 -0.93	25.97 1.20 -9.24	21.63 1.46 -2.24	29.64 2.14 -0.09	43.14 2.89 0.00	60.50 3.90 0.00	38.26 2.23 0.00	31.73 1.82 0.00	33.62 1.99 0.00	35.64 2.13 0.00	32.69 1.87 0.00	29.37 1.43 0.00

NYPA_VERNON____GT3 24163	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.75 0.58 -5.42	17.56 0.41 -10.42	21.19 0.44 -14.73	17.96 1.19 -0.93	25.97 1.20 -9.24	21.63 1.46 -2.24	29.64 2.14 -0.09	43.14 2.89 0.00	60.50 3.90 0.00	38.26 2.23 0.00	31.73 1.82 0.00	33.62 1.99 0.00	35.64 2.13 0.00	32.69 1.87 0.00	29.37 1.43 0.00
NYPA____ASTORIA_CC1 323568	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.83 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.39 0.00
NYPA____ASTORIA_CC2 323569	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.83 -0.09	43.09 2.83 0.00	60.42 3.82 0.00	38.22 2.19 0.00	31.70 1.78 0.00	33.58 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.39 0.00
NYPA____HOLTSVILL 23794	16.11 -0.12 -17.67	18.64 -0.08 -19.60	15.75 0.46 -8.85	15.74 0.27 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.12 -9.46	13.62 0.14 -11.52	13.77 0.40 -7.88	18.12 0.81 -6.56	31.02 0.53 -23.77	27.04 0.53 -20.49	29.80 1.43 -12.52	36.17 1.42 -19.22	53.05 1.68 -33.44	37.49 2.52 -7.57	43.73 3.47 0.00	61.49 4.89 0.00	39.22 3.03 -0.15	32.26 2.34 0.00	34.12 2.50 0.00	36.17 2.66 0.00	33.35 2.53 0.00	30.00 2.06 0.00
NYPA____HELLGATE_GT1 24158	15.86 -0.09 -17.40	16.10 -0.06 -17.03	15.63 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.19 0.44 -14.73	17.99 1.21 -0.93	25.98 1.21 -9.24	21.62 1.45 -2.24	29.63 2.14 -0.09	43.15 2.89 0.00	60.62 4.02 0.00	38.36 2.33 0.00	31.72 1.80 0.00	33.59 1.97 0.00	35.62 2.11 0.00	32.66 1.84 0.00	29.34 1.40 0.00
NYPA____HELLGATE_GT2 24159	15.86 -0.09 -17.40	16.10 -0.06 -17.03	15.63 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.77 0.60 -5.42	17.56 0.42 -10.42	21.19 0.44 -14.73	17.99 1.21 -0.93	25.98 1.21 -9.24	21.62 1.45 -2.24	29.63 2.14 -0.09	43.15 2.89 0.00	60.62 4.02 0.00	38.36 2.33 0.00	31.72 1.80 0.00	33.59 1.97 0.00	35.62 2.11 0.00	32.66 1.84 0.00	29.34 1.40 0.00
NYS_BARGE____HYD 23848	1.16 -0.04 -2.64	1.69 -0.02 -2.59	8.02 0.24 -1.35	6.04 0.20 -1.72	1.75 -0.06 -2.63	2.56 -0.03 -2.30	3.49 0.07 -1.44	3.67 0.12 -1.59	6.52 0.06 -0.96	11.42 0.08 -0.59	8.30 -0.01 -1.58	8.25 -0.01 -2.24	15.94 0.09 0.00	15.68 -0.04 -0.19	17.77 -0.16 0.00	27.45 0.04 0.00	40.23 -0.03 0.00	55.82 -0.78 0.00	35.85 -0.19 0.00	29.60 -0.32 0.00	31.20 -0.42 0.00	33.74 0.23 0.00	31.18 0.36 0.00	28.85 0.91 0.00
OAK ORCHARD____HYD 24046	0.70 -0.04 -2.18	1.24 -0.02 -2.14	7.74 0.18 -1.11	5.67 0.13 -1.42	1.32 -0.03 -2.17	2.18 -0.01 -1.90	3.21 0.04 -1.19	3.34 0.06 -1.31	6.36 0.07 -0.80	11.34 0.10 -0.49	8.07 0.04 -1.31	7.89 0.02 -1.85	15.93 0.08 0.00	15.76 0.08 -0.15	18.01 0.09 0.00	27.78 0.37 0.00	40.79 0.54 0.00	56.99 0.39 0.00	36.58 0.55 0.00	30.23 0.31 0.00	31.86 0.24 0.00	34.11 0.60 0.00	31.43 0.61 0.00	28.81 0.87 0.00
OAKDALE__35_KV_LOAD 356122	4.03 -0.02 -5.50	4.49 -0.02 -5.38	9.34 0.10 -2.80	7.78 0.07 -3.59	4.64 -0.01 -5.46	5.09 0.01 -4.79	5.00 0.03 -2.99	5.32 0.05 -3.31	7.59 0.10 -2.01	12.18 0.20 -1.22	10.14 0.11 -3.29	10.79 0.11 -4.66	16.16 0.31 0.00	16.23 0.31 -0.39	18.30 0.38 0.00	28.10 0.69 0.00	41.24 0.98 0.00	57.71 1.11 0.00	36.74 0.70 0.00	30.44 0.53 0.00	32.14 0.52 0.00	34.21 0.70 0.00	31.46 0.64 0.00	28.54 0.60 0.00
OCC_CHEM____DRP 24175	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.05 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.05 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.31 -0.19	17.46 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.73 -1.87 0.00	35.12 -0.91 0.00	29.02 -0.89 0.00	30.59 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
OH_GEN_PROXY 24063	1.21 -0.03 -2.68	1.73 -0.02 -2.62	8.00 0.19 -1.36	6.02 0.15 -1.75	1.80 -0.04 -2.66	2.60 -0.02 -2.34	2.50 0.04 -0.48	3.65 0.08 -1.61	6.50 0.03 -0.98	11.35 0.00 -0.60	8.28 -0.05 -1.61	8.23 -0.06 -2.27	15.74 -0.11 0.00	15.53 -0.19 -0.19	17.61 -0.31 0.00	27.19 -0.22 0.00	39.83 -0.42 0.00	55.24 -1.36 0.00	35.42 -0.61 0.00	43.32 -0.67 -14.07	30.82 -0.80 0.00	33.29 -0.22 0.00	30.77 -0.05 0.00	28.42 0.48 0.00
OLIN_CORP_DRP 24177	1.27 -0.02 -2.74	1.79 -0.01 -2.68	7.99 0.16 -1.39	6.06 0.16 -1.79	1.85 -0.05 -2.72	2.64 -0.03 -2.38	3.52 0.05 -1.49	3.70 0.10 -1.65	6.48 -0.01 -1.00	11.28 -0.08 -0.61	8.26 -0.11 -1.64	8.24 -0.10 -2.32	15.63 -0.22 0.00	15.40 -0.32 -0.19	17.44 -0.48 0.00	26.95 -0.46 0.00	39.47 -0.79 0.00	54.72 -1.88 0.00	35.11 -0.92 0.00	29.00 -0.91 0.00	30.57 -1.06 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.40 0.46 0.00
OLIN_CORP_DSASP 323712	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.06 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.04 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.30 -0.19	17.47 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.70 -1.90 0.00	35.13 -0.90 0.00	29.02 -0.89 0.00	30.58 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
ONEIDA_HERK_LFGE 323681	9.57 0.03 -10.99	4.02 0.02 -4.88	6.65 -0.12 -0.32	7.57 -0.09 -3.54	4.35 0.02 -5.14	0.84 0.00 -0.55	2.29 -0.04 -0.35	2.31 -0.03 -0.38	5.70 -0.02 -0.23	10.87 -0.03 -0.14	7.10 -0.01 -0.38	6.54 -0.02 -0.54	15.67 -0.17 0.00	15.30 -0.26 -0.05	17.63 -0.29 0.00	27.01 -0.39 0.00	38.67 -0.39 1.20	55.98 -0.14 0.49	36.23 0.19 0.00	30.13 0.22 0.00	31.72 0.10 0.00	32.47 -0.20 0.83	30.52 -0.30 0.00	27.61 -0.32 0.00
ONEIDA____115KV_TB4 55905	2.90 -0.02 -4.36	1.52 -0.01 -2.41	7.06 0.07 -0.55	5.85 0.04 -1.70	1.69 -0.01 -2.50	1.23 0.00 -0.94	2.59 0.02 -0.59	2.64 0.03 -0.65	5.97 0.09 -0.40	11.16 0.17 -0.24	7.48 0.10 -0.65	7.03 0.09 -0.92	16.02 0.17 0.00	15.75 0.14 -0.08	18.11 0.18 0.00	27.76 0.35 0.00	40.47 0.66 0.45	57.47 1.06 0.18	36.92 0.89 0.00	30.74 0.82 0.00	32.45 0.82 0.00	33.97 0.78 0.31	31.45 0.62 0.00	28.49 0.55 0.00

ONONDAGA_REF_OCCRA 23987	0.51 -0.01 -1.97	1.04 -0.01 -1.93	7.48 0.04 -1.00	5.43 0.03 -1.28	1.14 0.00 -1.95	2.00 0.00 -1.71	3.06 0.01 -1.07	3.16 0.02 -1.18	6.24 0.03 -0.72	11.25 0.06 -0.44	7.94 0.03 -1.18	7.70 0.02 -1.67	15.87 0.03 0.00	15.70 0.03 -0.14	17.95 0.03 0.00	27.49 0.08 0.00	40.19 0.15 0.22	56.68 0.17 0.09	36.22 0.19 0.00	30.07 0.15 0.00	31.76 0.14 0.00	33.57 0.21 0.15	31.07 0.25 0.00	28.28 0.34 0.00
ONONDAGA___COGEN 23986	0.39 -0.01 -1.84	0.92 -0.01 -1.80	7.42 0.03 -0.94	5.34 0.03 -1.20	1.01 0.00 -1.83	1.89 0.00 -1.61	2.99 0.01 -1.00	3.08 0.02 -1.11	6.19 0.03 -0.67	11.22 0.06 -0.41	7.86 0.03 -1.10	7.59 0.01 -1.56	15.86 0.02 0.00	15.68 0.03 -0.13	17.94 0.02 0.00	27.48 0.07 0.00	40.17 0.13 0.21	56.70 0.18 0.09	36.22 0.19 0.00	30.05 0.14 0.00	31.73 0.11 0.00	33.55 0.19 0.15	31.03 0.21 0.00	28.26 0.33 0.00
ONTARIO___LFGE 23819	1.08 -0.03 -2.56	1.60 -0.02 -2.50	7.88 0.14 -1.30	5.88 0.10 -1.67	1.71 -0.01 -2.54	2.52 0.01 -2.23	3.41 0.03 -1.39	3.56 0.06 -1.54	6.54 0.12 -0.93	11.55 0.23 -0.57	8.37 0.11 -1.53	8.28 0.10 -2.17	16.09 0.25 0.00	15.99 0.28 -0.18	18.27 0.35 0.00	28.12 0.71 0.00	41.25 1.00 0.00	57.88 1.28 0.00	37.10 1.07 0.00	30.79 0.88 0.00	32.47 0.84 0.00	34.60 1.09 0.00	31.78 0.96 0.00	28.96 1.02 0.00
ORANGEVILLE_WT_PWR 323706	1.78 -0.02 -3.24	2.28 -0.01 -3.18	8.21 0.12 -1.65	6.33 0.10 -2.12	2.38 -0.02 -3.22	3.10 -0.01 -2.83	3.76 0.02 -1.76	3.99 0.07 -1.95	6.75 0.08 -1.18	11.66 0.19 -0.72	8.74 0.07 -1.94	8.82 0.05 -2.75	16.05 0.20 0.00	15.90 0.15 -0.23	18.04 0.12 0.00	27.90 0.49 0.00	40.92 0.66 0.00	56.93 0.33 0.00	36.40 0.37 0.00	30.07 0.16 0.00	31.71 0.09 0.00	34.07 0.57 0.00	31.48 0.66 0.00	28.87 0.93 0.00
ORANGEVILLE___ESR 323794	1.78 -0.02 -3.24	2.28 -0.01 -3.18	8.21 0.12 -1.65	6.33 0.10 -2.12	2.38 -0.02 -3.22	3.10 -0.01 -2.83	3.76 0.02 -1.76	3.99 0.07 -1.95	6.75 0.08 -1.18	11.66 0.19 -0.72	8.74 0.07 -1.94	8.82 0.05 -2.75	16.05 0.20 0.00	15.90 0.15 -0.23	18.04 0.12 0.00	27.90 0.49 0.00	40.92 0.66 0.00	56.93 0.33 0.00	36.40 0.37 0.00	30.07 0.16 0.00	31.71 0.09 0.00	34.07 0.57 0.00	31.48 0.66 0.00	28.87 0.93 0.00
OSWEGATCHIE___HYD 24044	-20.83 0.15 19.54	-8.45 0.11 7.68	6.18 -0.59 -0.32	-2.00 -0.44 5.67	-8.88 0.09 8.17	0.82 -0.02 -0.56	2.17 -0.17 -0.35	2.11 -0.24 -0.38	5.27 -0.45 -0.23	9.98 -0.91 -0.14	6.55 -0.56 -0.38	6.00 -0.57 -0.54	14.18 -1.66 0.00	13.77 -1.80 -0.05	15.88 -2.05 0.00	24.30 -3.10 0.00	29.06 -4.50 6.70	48.42 -5.46 2.73	33.03 -3.00 0.00	27.51 -2.40 0.00	28.56 -3.05 0.01	25.06 -3.80 4.65	27.37 -3.46 0.00	24.81 -3.13 0.00
OSWEGO___5 23606	-0.05 0.02 -1.38	0.49 0.01 -1.36	7.08 -0.07 -0.70	4.98 -0.04 -0.90	0.57 0.01 -1.38	1.49 0.00 -1.21	2.71 -0.02 -0.75	2.78 -0.02 -0.83	5.93 -0.06 -0.51	10.93 -0.13 -0.31	7.47 -0.09 -0.83	7.10 -0.10 -1.17	15.57 -0.28 0.00	15.35 -0.27 -0.10	17.59 -0.34 0.00	26.92 -0.49 0.00	39.55 -0.71 0.00	55.56 -1.04 0.00	35.43 -0.60 0.00	29.41 -0.51 0.00	31.06 -0.56 0.00	32.97 -0.53 0.00	30.39 -0.43 0.00	27.70 -0.24 0.00
OSWEGO___6 23613	-0.05 0.02 -1.38	0.49 0.01 -1.36	7.08 -0.07 -0.70	4.98 -0.04 -0.90	0.57 0.01 -1.38	1.49 0.00 -1.21	2.71 -0.02 -0.75	2.78 -0.02 -0.83	5.93 -0.06 -0.51	10.93 -0.13 -0.31	7.47 -0.09 -0.83	7.10 -0.10 -1.17	15.57 -0.28 0.00	15.35 -0.27 -0.10	17.59 -0.34 0.00	26.92 -0.49 0.00	39.55 -0.71 0.00	55.56 -1.04 0.00	35.43 -0.60 0.00	29.41 -0.51 0.00	31.06 -0.56 0.00	32.97 -0.53 0.00	30.39 -0.43 0.00	27.70 -0.24 0.00
OUTOKUMPU-AB___DRP 24206	1.27 -0.05 -2.76	1.79 -0.03 -2.70	8.15 0.30 -1.40	6.15 0.24 -1.80	1.87 -0.06 -2.74	2.68 -0.02 -2.41	3.56 0.08 -1.50	3.75 0.13 -1.66	6.63 0.13 -1.01	11.58 0.21 -0.61	8.46 0.08 -1.65	8.43 0.08 -2.34	16.12 0.28 0.00	15.90 0.17 -0.20	18.04 0.11 0.00	27.92 0.51 0.00	40.91 0.65 0.00	56.72 0.12 0.00	36.36 0.32 0.00	30.01 0.10 0.00	31.63 0.01 0.00	34.17 0.66 0.00	31.59 0.77 0.00	29.14 1.20 0.00
OXBOW____ 24026	1.25 -0.04 -2.74	1.77 -0.02 -2.68	8.11 0.27 -1.39	6.12 0.22 -1.79	1.85 -0.06 -2.72	2.65 -0.02 -2.38	3.54 0.07 -1.49	3.72 0.11 -1.65	6.57 0.09 -1.00	11.47 0.11 -0.61	8.38 0.01 -1.64	8.35 0.01 -2.32	15.94 0.09 0.00	15.72 0.00 -0.19	17.83 -0.10 0.00	27.56 0.15 0.00	40.38 0.12 0.00	55.93 -0.66 0.00	35.88 -0.15 0.00	29.63 -0.28 0.00	31.23 -0.39 0.00	33.77 0.26 0.00	31.22 0.39 0.00	28.83 0.89 0.00
OXY_CHEM_DSASP 323612	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.05 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.05 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.31 -0.19	17.46 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.73 -1.87 0.00	35.12 -0.91 0.00	29.02 -0.89 0.00	30.59 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
OZONE_PARK_ESR 323760	15.85 -0.09 -17.40	16.09 -0.06 -17.03	15.66 0.37 -8.85	15.68 0.22 -11.35	16.42 -0.04 -17.27	15.47 0.02 -15.16	11.54 0.10 -9.46	13.60 0.11 -11.53	13.70 0.32 -7.89	16.83 0.66 -5.42	17.61 0.46 -10.42	21.24 0.48 -14.73	18.09 1.32 -0.93	26.11 1.34 -9.25	21.80 1.63 -2.24	29.90 2.41 -0.09	43.59 3.34 0.00	61.23 4.63 0.00	38.73 2.70 0.00	32.07 2.16 0.00	33.94 2.31 0.00	35.98 2.47 0.00	33.00 2.18 0.00	29.65 1.71 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.05 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.05 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.31 -0.19	17.46 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.73 -1.87 0.00	35.12 -0.91 0.00	29.02 -0.89 0.00	30.59 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
PACKARD__115KV_DUPONT_184 80571	1.24 -0.02 -2.71	1.76 -0.01 -2.65	8.04 0.21 -1.38	6.05 0.17 -1.77	1.83 -0.05 -2.69	2.63 -0.02 -2.36	3.50 0.05 -1.47	3.68 0.09 -1.63	6.49 0.01 -0.99	11.30 -0.06 -0.60	8.25 -0.11 -1.62	8.23 -0.09 -2.30	15.64 -0.21 0.00	15.41 -0.31 -0.19	17.46 -0.46 0.00	26.99 -0.42 0.00	39.52 -0.74 0.00	54.73 -1.87 0.00	35.12 -0.91 0.00	29.02 -0.89 0.00	30.59 -1.04 0.00	33.11 -0.40 0.00	30.63 -0.19 0.00	28.32 0.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	15.87 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.52 0.09 -9.46	13.59 0.10 -11.53	13.67 0.30 -7.89	16.76 0.59 -5.42	17.56 0.41 -10.42	21.19 0.44 -14.73	17.97 1.20 -0.93	25.96 1.19 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.13 2.88 0.00	60.62 4.02 0.00	38.38 2.35 0.00	31.77 1.86 0.00	33.65 2.02 0.00	35.68 2.18 0.00	32.71 1.88 0.00	29.39 1.45 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.65 0.36 -8.85	15.68 0.21 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.60 0.11 -11.53	13.69 0.31 -7.89	16.81 0.64 -5.42	17.60 0.45 -10.42	21.22 0.47 -14.73	18.05 1.28 -0.93	26.05 1.28 -9.24	21.72 1.55 -2.24	29.76 2.27 -0.09	43.39 3.13 0.00	61.00 4.40 0.00	38.61 2.58 0.00	31.98 2.07 0.00	33.85 2.22 0.00	35.90 2.40 0.00	32.89 2.07 0.00	29.55 1.61 0.00
PATROON__115KV_TB1 80586	20.02 -0.02 -21.48	20.14 -0.01 -21.03	17.45 0.08 -10.92	18.18 0.05 -14.01	20.50 -0.01 -21.32	19.01 0.01 -18.72	13.69 0.03 -11.68	15.12 0.02 -13.14	13.73 0.08 -8.16	16.00 0.14 -5.10	19.69 0.10 -12.87	24.32 0.10 -18.19	16.36 0.33 -0.19	19.03 0.33 -3.17	18.78 0.40 -0.46	27.86 0.54 0.08	41.12 0.86 0.00	57.96 1.36 0.00	36.81 0.77 0.00	30.60 0.68 0.00	32.46 0.83 -0.01	34.29 0.78 0.00	31.43 0.61 0.00	28.28 0.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	1.51 -0.06 -3.01	2.03 -0.03 -2.95	8.26 0.29 -1.53	6.30 0.22 -1.96	2.13 -0.05 -2.99	2.90 -0.01 -2.62	3.69 0.07 -1.64	3.90 0.13 -1.81	6.76 0.17 -1.10	11.74 0.32 -0.67	8.68 0.15 -1.80	8.72 0.15 -2.55	16.30 0.45 0.00	16.12 0.37 -0.21	18.32 0.40 0.00	28.36 0.95 0.00	41.54 1.29 0.00	57.65 1.05 0.00	36.86 0.83 0.00	30.40 0.48 0.00	32.04 0.42 0.00	34.54 1.04 0.00	31.88 1.06 0.00	29.32 1.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.07 -0.08 -17.59	16.29 -0.05 -17.22	15.70 0.31 -8.95	15.78 0.19 -11.48	16.62 -0.03 -17.47	15.64 0.02 -15.33	11.63 0.08 -9.56	12.99 0.09 -10.94	12.69 0.27 -6.94	15.73 0.55 -4.43	17.65 0.38 -10.54	21.32 0.40 -14.90	17.26 1.11 -0.31	20.56 1.13 -3.90	20.07 1.40 -0.74	29.54 2.06 -0.07	43.24 2.98 0.00	60.83 4.23 0.00	38.54 2.51 0.00	31.93 2.02 0.00	33.77 2.15 0.00	35.74 2.23 0.00	32.72 1.90 0.00	29.38 1.45 0.00
PEEKSKILL____ 23653	15.71 -0.06 -17.22	15.93 -0.04 -16.86	15.45 0.25 -8.76	15.49 0.15 -11.23	16.26 -0.02 -17.09	15.31 0.02 -15.01	11.41 0.06 -9.36	13.64 0.07 -11.61	13.79 0.22 -8.09	16.84 0.44 -5.65	17.36 0.32 -10.31	20.95 0.34 -14.58	17.87 0.94 -1.09	27.10 0.96 -10.62	21.72 1.17 -2.63	29.21 1.72 -0.08	42.66 2.40 0.00	59.94 3.34 0.00	37.95 1.91 0.00	31.43 1.52 0.00	33.25 1.62 0.00	35.23 1.73 0.00	32.31 1.49 0.00	29.02 1.08 0.00
PGE MADISON__WINDPWR 24146	3.71 -0.08 -5.24	4.20 -0.05 -5.13	9.50 0.39 -2.66	7.79 0.26 -3.42	4.34 -0.05 -5.20	4.87 0.02 -4.57	4.95 0.11 -2.85	5.26 0.15 -3.15	7.78 0.38 -1.91	12.63 0.71 -1.17	10.27 0.41 -3.14	10.82 0.36 -4.44	16.81 0.96 0.00	16.86 0.97 -0.37	19.08 1.16 0.00	29.43 2.03 0.00	43.44 3.19 0.00	61.26 4.66 0.00	39.44 3.41 0.00	32.83 2.92 0.00	34.77 3.15 0.00	36.76 3.25 0.00	33.46 2.63 0.00	30.24 2.30 0.00
PIERCEFIELD__HYD 23852	-14.13 0.18 12.87	-5.78 0.12 5.02	6.03 -0.66 -0.25	-0.11 -0.51 3.72	-6.05 0.11 5.34	0.68 -0.03 -0.42	2.08 -0.17 -0.26	1.93 -0.33 -0.29	5.06 -0.60 -0.18	9.59 -1.27 -0.11	6.23 -0.79 -0.29	5.63 -0.80 -0.41	13.66 -2.19 0.00	13.28 -2.28 -0.03	15.35 -2.58 0.00	23.50 -3.91 0.00	24.26 -6.07 9.93	44.76 -7.80 4.04	31.54 -4.50 0.00	26.15 -3.76 0.00	26.93 -4.68 0.00	21.22 -5.40 6.89	26.07 -4.75 0.00	23.73 -4.21 0.00
PINELAWN_CC_1 323563	16.11 -0.11 -17.67	18.65 -0.07 -19.60	15.72 0.43 -8.85	15.72 0.25 -11.35	16.42 -0.05 -17.27	15.48 0.03 -15.16	11.55 0.11 -9.46	13.61 0.13 -11.52	13.74 0.37 -7.88	18.05 0.74 -6.56	30.99 0.49 -23.77	27.01 0.51 -20.49	29.74 1.37 -12.52	36.11 1.37 -19.22	52.99 1.62 -33.44	37.46 2.48 -7.57	43.77 3.51 0.00	61.56 4.96 0.00	39.24 3.06 -0.15	32.29 2.37 0.00	34.18 2.55 0.00	36.23 2.72 0.00	33.34 2.52 0.00	29.97 2.03 0.00
PJM_GEN_HTP_PROXY 323702	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.58 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.54 -5.42	17.52 0.37 -10.42	20.50 0.40 -14.08	17.88 1.11 -0.93	25.90 1.12 -9.25	21.55 1.38 -2.24	29.50 2.01 -0.09	43.02 2.76 0.00	60.40 3.80 0.00	38.17 2.14 0.00	31.62 1.70 0.00	33.45 1.82 0.00	35.46 1.95 0.00	32.53 1.71 0.00	29.22 1.28 0.00
PJM_GEN_KEystone 24065	9.23 -0.04 -10.72	9.59 -0.03 -10.50	12.06 0.17 -5.45	11.22 0.12 -6.99	9.81 -0.02 -10.64	9.63 0.00 -9.34	7.85 0.04 -5.83	6.81 0.07 -4.78	7.12 0.13 -1.50	10.99 0.28 0.03	13.32 0.17 -6.42	14.63 0.19 -8.42	14.93 0.54 1.45	3.83 0.55 12.24	15.05 0.64 3.52	28.54 1.09 -0.05	41.71 1.46 0.00	58.25 1.64 0.00	36.99 0.96 0.00	30.56 0.65 0.00	32.25 0.63 0.00	34.41 0.90 0.00	31.64 0.82 0.00	28.65 0.71 0.00
PJM_GEN_NEPTUNE_PROXY 323594	16.14 -0.09 -17.67	18.66 -0.06 -19.60	15.62 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.66 0.30 -7.88	17.89 0.58 -6.56	30.89 0.40 -23.77	26.27 0.42 -19.83	29.50 1.13 -12.52	35.88 1.13 -19.22	52.71 1.35 -33.44	37.01 2.03 -7.57	43.08 2.82 0.00	60.56 3.96 0.00	38.54 2.35 -0.15	31.73 1.82 0.00	33.57 1.95 0.00	35.60 2.10 0.00	32.78 1.96 0.00	29.47 1.53 0.00
PJM_GEN_VFT_PROXY 323633	15.88 -0.07 -17.40	16.11 -0.04 -17.03	15.55 0.26 -8.85	15.62 0.15 -11.35	16.43 -0.02 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.08 -11.53	13.62 0.24 -7.89	16.65 0.48 -5.42	17.49 0.34 -10.42	20.47 0.37 -14.08	17.81 1.03 -0.93	20.17 1.06 -3.59	21.47 1.31 -2.24	29.39 1.90 -0.09	42.81 2.56 0.00	60.09 3.49 0.00	37.99 1.96 0.00	31.48 1.56 0.00	33.27 1.65 0.00	35.24 1.74 0.00	32.34 1.52 0.00	29.06 1.12 0.00
PLATSBRG_115KV_PMLD1 355749	-9.40 0.16 8.11	-3.91 0.10 3.12	6.07 -0.57 -0.19	1.39 -0.41 2.31	-4.04 0.09 3.33	0.58 -0.04 -0.32	2.06 -0.12 -0.20	1.88 -0.30 -0.22	5.15 -0.47 -0.14	9.86 -0.97 -0.08	6.34 -0.61 -0.23	5.70 -0.64 -0.32	14.18 -1.67 0.00	13.81 -1.74 -0.03	15.98 -1.94 0.00	24.57 -2.84 0.00	23.07 -4.96 12.24	44.92 -6.70 4.98	32.23 -3.80 0.00	26.67 -3.24 0.00	27.03 -4.59 0.00	19.68 -5.34 8.48	26.08 -4.74 0.00	23.81 -4.13 0.00
PLEASANTVLY__LBMP 24000	16.63 -0.06 -18.13	16.84 -0.04 -17.75	15.89 0.22 -9.22	16.08 0.14 -11.83	17.17 -0.02 -18.00	16.10 0.01 -15.80	11.89 0.06 -9.86	13.40 0.06 -11.37	12.97 0.19 -7.29	15.85 0.39 -4.71	17.87 0.28 -10.86	21.67 0.30 -15.36	17.06 0.81 -0.40	21.13 0.83 -4.77	19.91 1.00 -0.97	28.95 1.45 -0.10	42.30 2.05 0.00	59.51 2.90 0.00	37.69 1.66 0.00	31.26 1.34 0.00	33.09 1.47 0.00	35.04 1.53 0.00	32.12 1.30 0.00	28.88 0.94 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	16.01 -0.07 -17.52	16.23 -0.05 -17.15	15.63 0.27 -8.91	15.71 0.16 -11.43	16.56 -0.03 -17.40	15.58 0.02 -15.27	11.58 0.07 -9.52	13.40 0.08 -11.36	13.31 0.24 -7.59	16.33 0.49 -5.09	17.57 0.34 -10.50	21.23 0.37 -14.84	17.56 1.00 -0.71	23.97 1.02 -7.42	20.89 1.24 -1.73	29.32 1.83 -0.09	42.82 2.57 0.00	60.18 3.58 0.00	38.11 2.07 0.00	31.56 1.65 0.00	33.40 1.77 0.00	35.38 1.88 0.00	32.44 1.63 0.00	29.16 1.22 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.01 -0.07 -17.52	16.23 -0.05 -17.15	15.63 0.27 -8.91	15.71 0.16 -11.43	16.56 -0.03 -17.40	15.58 0.02 -15.27	11.58 0.07 -9.52	13.40 0.08 -11.36	13.31 0.24 -7.59	16.33 0.49 -5.09	17.57 0.34 -10.50	21.23 0.37 -14.84	17.56 1.00 -0.71	23.97 1.02 -7.42	20.89 1.24 -1.73	29.32 1.83 -0.09	42.82 2.57 0.00	60.18 3.58 0.00	38.11 2.07 0.00	31.56 1.65 0.00	33.40 1.77 0.00	35.38 1.88 0.00	32.44 1.63 0.00	29.16 1.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.28 -0.07 -17.79	16.49 -0.04 -17.42	15.77 0.27 -9.05	15.89 0.17 -11.61	16.82 -0.03 -17.66	15.81 0.02 -15.51	11.72 0.07 -9.67	12.95 0.08 -10.91	12.51 0.23 -6.79	15.47 0.46 -4.26	17.72 0.33 -10.66	21.43 0.34 -15.07	16.96 0.94 -0.17	19.29 0.99 -2.77	19.55 1.20 -0.42	29.14 1.75 0.02	42.79 2.54 0.00	60.26 3.66 0.00	38.22 2.18 0.00	31.68 1.77 0.00	33.53 1.91 0.00	35.47 1.96 0.00	32.49 1.67 0.00	29.20 1.26 0.00
POLETTI____ 23519	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.58 0.29 -8.85	15.64 0.17 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.51 0.07 -9.46	13.57 0.09 -11.53	13.64 0.26 -7.89	16.69 0.53 -5.42	17.52 0.37 -10.42	21.15 0.40 -14.73	17.88 1.11 -0.93	25.89 1.12 -9.25	21.54 1.38 -2.24	29.48 1.99 -0.09	42.98 2.72 0.00	60.33 3.73 0.00	38.15 2.12 0.00	31.60 1.69 0.00	33.42 1.79 0.00	35.42 1.91 0.00	32.50 1.69 0.00	29.19 1.26 0.00
POMONA____ESR 323819	15.27 -0.06 -16.78	15.51 -0.04 -16.43	15.22 0.24 -8.54	15.21 0.14 -10.95	15.82 -0.02 -16.66	14.93 0.01 -14.63	11.16 0.06 -9.12	10.54 0.07 -8.51	9.52 0.20 -3.83	12.61 0.43 -1.43	17.09 0.31 -10.06	20.58 0.34 -14.21	15.39 0.93 1.39	5.65 0.95 10.83	15.73 1.16 3.36	29.21 1.72 -0.08	42.65 2.39 0.00	59.92 3.32 0.00	37.93 1.90 0.00	31.41 1.50 0.00	33.20 1.58 0.00	35.20 1.69 0.00	32.28 1.46 0.00	28.97 1.03 0.00
PORT_JEFF_3 23555	16.10 -0.12 -17.67	18.64 -0.08 -19.60	15.76 0.47 -8.85	15.74 0.28 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.78 0.41 -7.88	18.13 0.83 -6.56	31.03 0.54 -23.77	27.06 0.55 -20.49	29.83 1.46 -12.52	36.19 1.44 -19.22	53.07 1.71 -33.44	37.45 2.47 -7.57	43.58 3.33 0.00	61.27 4.67 0.00	39.10 2.91 -0.15	32.13 2.22 0.00	33.98 2.35 0.00	36.05 2.55 0.00	33.32 2.50 0.00	30.00 2.06 0.00
PORT_JEFF_4 23616	16.10 -0.12 -17.67	18.64 -0.08 -19.60	15.76 0.47 -8.85	15.74 0.28 -11.35	16.41 -0.05 -17.27	15.48 0.03 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.78 0.41 -7.88	18.13 0.83 -6.56	31.03 0.54 -23.77	27.06 0.55 -20.49	29.83 1.46 -12.52	36.19 1.44 -19.22	53.07 1.71 -33.44	37.45 2.47 -7.57	43.58 3.33 0.00	61.27 4.67 0.00	39.10 2.91 -0.15	32.13 2.22 0.00	33.98 2.35 0.00	36.05 2.55 0.00	33.32 2.50 0.00	30.00 2.06 0.00
PORT_JEFF_IC 23713	16.10 -0.13 -17.67	18.64 -0.08 -19.60	15.77 0.48 -8.85	15.75 0.28 -11.35	16.41 -0.05 -17.27	15.49 0.04 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.78 0.42 -7.88	18.15 0.85 -6.56	31.05 0.55 -23.77	27.07 0.56 -20.49	29.87 1.50 -12.52	36.25 1.50 -19.22	53.14 1.77 -33.44	37.46 2.49 -7.57	43.64 3.38 0.00	61.37 4.76 0.00	39.14 2.95 -0.15	32.16 2.25 0.00	34.01 2.38 0.00	36.14 2.63 0.00	33.44 2.62 0.00	30.09 2.15 0.00
PPL PILGRIM_ST_GT1 24216	16.10 -0.12 -17.67	18.64 -0.08 -19.60	15.77 0.48 -8.85	15.75 0.29 -11.35	16.41 -0.06 -17.27	15.49 0.03 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.79 0.42 -7.88	18.15 0.85 -6.56	31.05 0.56 -23.77	27.07 0.57 -20.49	29.89 1.52 -12.52	36.25 1.50 -19.22	53.14 1.77 -33.44	37.58 2.60 -7.57	43.79 3.53 0.00	61.58 4.98 0.00	39.27 3.08 -0.15	32.33 2.41 0.00	34.38 2.75 0.00	36.45 2.94 0.00	33.54 2.72 0.00	30.16 2.22 0.00
PPL PILGRIM_ST_GT2 24217	16.10 -0.12 -17.67	18.64 -0.08 -19.60	15.77 0.48 -8.85	15.75 0.29 -11.35	16.41 -0.06 -17.27	15.49 0.03 -15.16	11.57 0.13 -9.46	13.63 0.15 -11.52	13.79 0.42 -7.88	18.15 0.85 -6.56	31.05 0.56 -23.77	27.07 0.57 -20.49	29.89 1.52 -12.52	36.25 1.50 -19.22	53.14 1.77 -33.44	37.58 2.60 -7.57	43.79 3.53 0.00	61.58 4.98 0.00	39.27 3.08 -0.15	32.33 2.41 0.00	34.38 2.75 0.00	36.45 2.94 0.00	33.54 2.72 0.00	30.16 2.22 0.00
PPL_SHRM_GT3 24213	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.83 0.53 -8.85	15.79 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.47 -7.88	18.25 0.94 -6.56	31.10 0.61 -23.77	27.12 0.62 -20.49	30.02 1.65 -12.52	36.40 1.65 -19.22	53.34 1.97 -33.44	38.01 3.03 -7.57	44.54 4.28 0.00	62.70 6.10 0.00	39.98 3.80 -0.15	32.87 2.96 0.00	34.74 3.12 0.00	36.78 3.28 0.00	33.87 3.05 0.00	30.44 2.50 0.00
PPL_SHRM_GT4 24214	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.83 0.53 -8.85	15.79 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.47 -7.88	18.25 0.94 -6.56	31.10 0.61 -23.77	27.12 0.62 -20.49	30.02 1.65 -12.52	36.40 1.65 -19.22	53.34 1.97 -33.44	38.01 3.03 -7.57	44.54 4.28 0.00	62.70 6.10 0.00	39.98 3.80 -0.15	32.87 2.96 0.00	34.74 3.12 0.00	36.78 3.28 0.00	33.87 3.05 0.00	30.44 2.50 0.00
PROJECT___ORANGE 1 24174	0.18 0.00 -1.63	0.71 0.00 -1.60	7.28 0.01 -0.83	5.19 0.01 -1.06	0.81 0.00 -1.62	1.71 0.00 -1.42	2.87 0.00 -0.89	2.95 0.01 -0.98	6.09 0.01 -0.60	11.13 0.01 -0.36	7.70 0.00 -0.97	7.39 -0.02 -1.38	15.80 -0.05 0.00	15.60 -0.04 -0.12	17.86 -0.07 0.00	27.33 -0.08 0.00	39.91 -0.10 0.24	56.29 -0.21 0.10	35.97 -0.06 0.00	29.85 -0.07 0.00	31.53 -0.09 0.00	33.31 -0.03 0.17	30.88 0.06 0.00	28.13 0.19 0.00
PROJECT___ORANGE 2 24166	0.18 0.00 -1.63	0.71 0.00 -1.60	7.28 0.01 -0.83	5.19 0.01 -1.06	0.81 0.00 -1.62	1.71 0.00 -1.42	2.87 0.00 -0.89	2.95 0.01 -0.98	6.09 0.01 -0.60	11.13 0.01 -0.36	7.70 0.00 -0.97	7.39 -0.02 -1.38	15.80 -0.05 0.00	15.60 -0.04 -0.12	17.86 -0.07 0.00	27.33 -0.08 0.00	39.91 -0.10 0.24	56.29 -0.21 0.10	35.97 -0.06 0.00	29.85 -0.07 0.00	31.53 -0.09 0.00	33.31 -0.03 0.17	30.88 0.06 0.00	28.13 0.19 0.00
PUCKETT___SOLAR 323809	4.16 -0.04 -5.64	4.62 -0.03 -5.53	9.49 0.17 -2.87	7.92 0.12 -3.68	4.78 -0.02 -5.60	5.22 0.01 -4.92	5.11 0.05 -3.07	5.43 0.07 -3.40	7.71 0.16 -2.06	12.30 0.30 -1.26	10.28 0.17 -3.38	10.96 0.16 -4.78	16.29 0.44 0.00	16.37 0.45 -0.40	18.46 0.53 0.00	28.34 0.94 0.00	41.64 1.39 0.00	58.40 1.80 0.00	37.27 1.24 0.00	30.99 1.08 0.00	32.77 1.15 0.00	34.83 1.33 0.00	31.97 1.15 0.00	28.96 1.02 0.00
PYRITES___HYD 24023	-13.60 0.15 12.31	-5.57 0.10 4.80	6.15 -0.53 -0.24	0.15 -0.42 3.55	-5.83 0.09 5.10	0.67 -0.03 -0.41	2.12 -0.12 -0.26	1.95 -0.29 -0.28	5.17 -0.49 -0.17	9.78 -1.08 -0.11	6.33 -0.68 -0.28	5.72 -0.71 -0.40	13.94 -1.91 0.00	13.54 -2.02 -0.03	15.65 -2.28 0.00	23.97 -3.44 0.00	24.69 -5.36 10.20	45.66 -6.79 4.15	32.21 -3.83 0.00	26.73 -3.18 0.00	27.54 -4.08 0.00	21.67 -4.77 7.07	26.67 -4.15 0.00	24.27 -3.67 0.00

QUAKERRD_115KV_BK1 80622	0.67 0.01 -2.10	1.18 0.01 -2.06	7.50 -0.02 -1.07	5.49 0.00 -1.37	1.27 -0.01 -2.09	2.10 -0.02 -1.83	3.11 -0.01 -1.14	3.22 0.00 -1.26	6.18 -0.08 -0.77	11.05 -0.17 -0.47	7.85 -0.13 -1.26	7.67 -0.13 -1.78	15.49 -0.35 0.00	15.34 -0.34 -0.15	17.54 -0.38 0.00	27.01 -0.39 0.00	39.68 -0.58 0.00	55.56 -1.04 0.00	35.59 -0.45 0.00	29.44 -0.47 0.00	31.05 -0.58 0.00	33.16 -0.35 0.00	30.54 -0.28 0.00	27.94 0.00 0.00
QUENSBRY_115KV_TB8 356137	20.49 -0.07 -22.01	20.62 -0.05 -21.55	17.98 0.34 -11.19	18.71 0.23 -14.36	21.01 -0.03 -21.86	19.49 0.01 -19.19	14.05 0.10 -11.97	15.52 0.10 -13.46	14.11 0.27 -8.35	16.50 0.53 -5.21	20.21 0.30 -13.19	24.94 0.27 -18.64	16.86 0.83 -0.18	19.45 0.77 -3.15	19.28 0.91 -0.45	28.82 1.51 0.09	43.24 2.99 0.00	61.06 4.46 0.00	39.09 3.05 0.00	32.49 2.57 0.00	34.22 2.59 -0.01	35.95 2.44 0.00	32.86 2.04 0.00	29.47 1.53 0.00
RAMAPO___LBMP 323565	15.22 -0.06 -16.73	15.46 -0.04 -16.38	15.17 0.21 -8.51	15.15 0.13 -10.91	15.77 -0.02 -16.61	14.88 0.01 -14.58	11.13 0.05 -9.09	10.56 0.06 -8.54	9.57 0.19 -3.90	12.64 0.39 -1.51	17.03 0.28 -10.02	20.50 0.31 -14.17	15.37 0.86 1.33	6.03 0.87 10.37	15.77 1.07 3.23	29.06 1.57 -0.08	42.43 2.18 0.00	59.62 3.02 0.00	37.77 1.74 0.00	31.28 1.37 0.00	33.07 1.44 0.00	35.04 1.53 0.00	32.14 1.32 0.00	28.87 0.93 0.00
RANKINE____ 23646	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.21 0.27 -1.50	6.24 0.21 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.56	3.65 0.07 -1.60	3.84 0.12 -1.77	6.70 0.14 -1.08	11.66 0.26 -0.65	8.60 0.11 -1.76	8.61 0.10 -2.49	16.17 0.32 0.00	15.98 0.25 -0.21	18.15 0.22 0.00	28.08 0.67 0.00	41.17 0.91 0.00	57.13 0.53 0.00	36.56 0.52 0.00	30.16 0.24 0.00	31.78 0.16 0.00	34.28 0.77 0.00	31.66 0.84 0.00	29.15 1.21 0.00
RAVENSWOOD_GT2_1 24244	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.56 1.40 -2.24	29.54 2.04 -0.09	43.06 2.80 0.00	60.43 3.83 0.00	38.23 2.20 0.00	31.66 1.75 0.00	33.51 1.88 0.00	35.51 2.00 0.00	32.58 1.76 0.00	29.27 1.33 0.00
RAVENSWOOD_GT2_2 24245	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.56 1.40 -2.24	29.54 2.04 -0.09	43.06 2.80 0.00	60.43 3.83 0.00	38.23 2.20 0.00	31.66 1.75 0.00	33.51 1.88 0.00	35.51 2.00 0.00	32.58 1.76 0.00	29.27 1.33 0.00
RAVENSWOOD_GT2_3 24246	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.91 1.14 -0.93	25.92 1.15 -9.24	21.58 1.41 -2.24	29.56 2.06 -0.09	43.08 2.83 0.00	60.48 3.88 0.00	38.25 2.22 0.00	31.69 1.77 0.00	33.53 1.90 0.00	35.54 2.03 0.00	32.60 1.78 0.00	29.28 1.35 0.00
RAVENSWOOD_GT2_4 24247	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.31 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.54 0.39 -10.42	21.17 0.42 -14.73	17.91 1.14 -0.93	25.92 1.15 -9.24	21.58 1.41 -2.24	29.56 2.06 -0.09	43.08 2.83 0.00	60.48 3.88 0.00	38.25 2.22 0.00	31.69 1.77 0.00	33.53 1.90 0.00	35.54 2.03 0.00	32.60 1.78 0.00	29.28 1.35 0.00
RAVENSWOOD_GT3_1 24248	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.57 1.40 -2.24	29.54 2.04 -0.09	43.06 2.80 0.00	60.44 3.84 0.00	38.23 2.20 0.00	31.66 1.75 0.00	33.51 1.88 0.00	35.51 2.00 0.00	32.58 1.76 0.00	29.27 1.33 0.00
RAVENSWOOD_GT3_2 24249	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.57 1.40 -2.24	29.54 2.04 -0.09	43.06 2.80 0.00	60.44 3.84 0.00	38.23 2.20 0.00	31.66 1.75 0.00	33.51 1.88 0.00	35.51 2.00 0.00	32.58 1.76 0.00	29.27 1.33 0.00
RAVENSWOOD_GT3_3 24250	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.31 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.66 0.28 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.42 -14.73	17.94 1.17 -0.93	25.95 1.17 -9.24	21.60 1.44 -2.24	29.60 2.10 -0.09	43.14 2.88 0.00	60.57 3.97 0.00	38.31 2.27 0.00	31.73 1.81 0.00	33.57 1.95 0.00	35.57 2.07 0.00	32.64 1.82 0.00	29.33 1.39 0.00
RAVENSWOOD_GT3_4 24251	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.31 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.66 0.28 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.42 -14.73	17.94 1.17 -0.93	25.95 1.17 -9.24	21.60 1.44 -2.24	29.60 2.10 -0.09	43.14 2.88 0.00	60.57 3.97 0.00	38.31 2.27 0.00	31.73 1.81 0.00	33.57 1.95 0.00	35.57 2.07 0.00	32.64 1.82 0.00	29.33 1.39 0.00
RAVENSWOOD_GT_1 23729	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.75 0.58 -5.42	17.56 0.41 -10.42	21.19 0.44 -14.73	17.96 1.19 -0.93	25.97 1.20 -9.24	21.63 1.46 -2.24	29.64 2.14 -0.09	43.14 2.89 0.00	60.50 3.90 0.00	38.26 2.23 0.00	31.73 1.82 0.00	33.62 1.99 0.00	35.64 2.13 0.00	32.69 1.87 0.00	29.37 1.43 0.00
RAVENSWOOD_GT_10 24258	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.56 1.40 -2.24	29.53 2.04 -0.09	43.06 2.80 0.00	60.45 3.85 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.50 1.88 0.00	35.51 2.00 0.00	32.57 1.75 0.00	29.27 1.33 0.00
RAVENSWOOD_GT_11 24259	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.56 1.39 -2.24	29.53 2.04 -0.09	43.06 2.80 0.00	60.45 3.85 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.50 1.88 0.00	35.51 2.00 0.00	32.57 1.75 0.00	29.27 1.33 0.00

RAVENSWOOD_GT_4 24252	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.27 -7.89	16.71 0.54 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.90 1.12 -0.93	25.91 1.14 -9.24	21.56 1.39 -2.24	29.53 2.03 -0.09	43.05 2.79 0.00	60.45 3.84 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.49 1.87 0.00	35.49 1.99 0.00	32.57 1.75 0.00	29.26 1.32 0.00
RAVENSWOOD_GT_5 24254	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.27 -7.89	16.71 0.54 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.90 1.12 -0.93	25.91 1.14 -9.24	21.56 1.39 -2.24	29.53 2.03 -0.09	43.05 2.79 0.00	60.45 3.84 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.49 1.87 0.00	35.49 1.99 0.00	32.57 1.75 0.00	29.26 1.32 0.00
RAVENSWOOD_GT_6 24253	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.27 -7.89	16.71 0.54 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.90 1.12 -0.93	25.91 1.14 -9.24	21.56 1.39 -2.24	29.53 2.03 -0.09	43.05 2.79 0.00	60.45 3.84 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.49 1.87 0.00	35.49 1.99 0.00	32.57 1.75 0.00	29.26 1.32 0.00
RAVENSWOOD_GT_7 24255	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.27 -7.89	16.71 0.54 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.90 1.12 -0.93	25.91 1.14 -9.24	21.56 1.39 -2.24	29.53 2.03 -0.09	43.05 2.79 0.00	60.45 3.84 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.49 1.87 0.00	35.49 1.99 0.00	32.57 1.75 0.00	29.26 1.32 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.56 1.40 -2.24	29.53 2.04 -0.09	43.06 2.80 0.00	60.45 3.85 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.50 1.88 0.00	35.51 2.00 0.00	32.57 1.75 0.00	29.27 1.33 0.00
RAVENSWOOD_GT_9 24257	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.56 1.40 -2.24	29.53 2.04 -0.09	43.06 2.80 0.00	60.45 3.85 0.00	38.23 2.20 0.00	31.66 1.74 0.00	33.50 1.88 0.00	35.51 2.00 0.00	32.57 1.75 0.00	29.27 1.33 0.00
RAVENSWOOD___1 23533	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.58 -5.42	17.55 0.40 -10.42	21.18 0.43 -14.73	17.95 1.18 -0.93	25.96 1.19 -9.24	21.62 1.45 -2.24	29.61 2.12 -0.09	43.13 2.87 0.00	60.47 3.87 0.00	38.26 2.22 0.00	31.72 1.80 0.00	33.60 1.97 0.00	35.62 2.11 0.00	32.67 1.85 0.00	29.35 1.41 0.00
RAVENSWOOD___2 23534	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.42 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.11 2.85 0.00	60.47 3.87 0.00	38.25 2.21 0.00	31.70 1.79 0.00	33.57 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.34 1.40 0.00
RAVENSWOOD___3 23535	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.60 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.07 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.71 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.91 1.14 -9.24	21.56 1.40 -2.24	29.54 2.05 -0.09	43.06 2.80 0.00	60.45 3.85 0.00	38.23 2.20 0.00	31.67 1.75 0.00	33.50 1.88 0.00	35.51 2.01 0.00	32.58 1.76 0.00	29.27 1.33 0.00
RAVENSWOOD___4 23820	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.62 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.42 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.24	21.60 1.43 -2.24	29.59 2.10 -0.09	43.11 2.85 0.00	60.47 3.87 0.00	38.25 2.21 0.00	31.70 1.79 0.00	33.57 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.33 1.39 0.00
RCPI_TRUST___DRP 24196	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.53 0.38 -10.42	21.17 0.41 -14.73	17.90 1.13 -0.93	25.92 1.14 -9.25	21.57 1.40 -2.24	29.54 2.05 -0.09	43.08 2.82 0.00	60.46 3.86 0.00	38.21 2.18 0.00	31.65 1.73 0.00	33.49 1.86 0.00	35.50 1.99 0.00	32.57 1.75 0.00	29.25 1.31 0.00
RED___ROCHESTER 323720	0.68 -0.04 -2.17	1.22 -0.03 -2.13	7.76 0.21 -1.11	5.68 0.15 -1.42	1.31 -0.04 -2.16	2.17 -0.01 -1.89	3.21 0.05 -1.18	3.34 0.07 -1.31	6.38 0.09 -0.79	11.39 0.16 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	16.02 0.17 0.00	15.86 0.18 -0.15	18.17 0.24 0.00	28.02 0.61 0.00	41.17 0.92 0.00	57.54 0.94 0.00	36.95 0.91 0.00	30.52 0.61 0.00	32.16 0.54 0.00	34.42 0.92 0.00	31.70 0.88 0.00	29.03 1.09 0.00
REGAN___SOLAR 323812	23.38 -0.13 -24.96	23.47 -0.08 -24.43	19.67 0.53 -12.69	20.73 0.34 -16.28	23.90 -0.06 -24.77	22.06 0.03 -21.75	15.73 0.18 -13.57	17.28 0.14 -15.18	15.09 0.25 -9.36	17.39 0.83 -5.80	21.77 0.09 -14.95	27.59 0.44 -21.13	16.29 0.30 -0.15	19.62 1.07 -3.03	19.01 0.73 -0.35	27.78 0.43 0.06	41.32 1.06 0.00	59.98 3.37 0.00	39.96 3.93 0.00	33.58 3.67 0.00	35.42 3.79 -0.01	37.39 3.88 0.00	34.13 3.31 0.00	30.84 2.90 0.00
RENSSELAER___COGEN 23796	19.80 -0.01 -21.26	19.93 0.00 -20.81	17.30 0.05 -10.81	18.01 0.03 -13.87	20.28 -0.01 -21.10	18.82 0.00 -18.53	13.56 0.02 -11.56	14.98 0.01 -13.01	13.62 0.05 -8.08	15.89 0.08 -5.06	19.52 0.06 -12.73	24.09 0.07 -18.00	16.26 0.22 -0.19	18.92 0.23 -3.16	18.67 0.28 -0.46	27.68 0.36 0.08	40.83 0.58 0.00	57.54 0.94 0.00	36.54 0.51 0.00	30.38 0.46 0.00	32.24 0.61 -0.01	34.07 0.56 0.00	31.23 0.40 0.00	28.12 0.17 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.43 -0.12 -22.00	20.58 -0.08 -21.54	18.24 0.60 -11.19	18.88 0.41 -14.35	20.98 -0.05 -21.85	19.49 0.02 -19.18	14.12 0.18 -11.96	15.59 0.18 -13.45	14.30 0.47 -8.34	16.88 0.92 -5.21	20.50 0.60 -13.18	25.17 0.52 -18.63	17.51 1.48 -0.18	20.11 1.43 -3.15	20.01 1.64 -0.45	30.05 2.74 0.09	45.50 5.24 0.00	64.26 7.66 0.00	41.22 5.18 0.00	34.29 4.38 0.00	35.70 4.07 -0.01	37.25 3.75 0.00	34.02 3.20 0.00	30.45 2.51 0.00

REVERE_CPDR_DRP 24186	5.31 -0.01 -6.77	2.44 -0.01 -3.32	6.97 0.05 -0.48	6.51 0.03 -2.37	2.66 0.00 -3.47	1.11 0.00 -0.82	2.51 0.01 -0.51	2.55 0.02 -0.57	5.92 0.09 -0.34	11.14 0.18 -0.21	7.41 0.12 -0.56	6.92 0.10 -0.80	15.99 0.14 0.00	15.67 0.08 -0.07	18.04 0.12 0.00	27.69 0.28 0.00	40.14 0.61 0.72	57.46 1.16 0.30	37.08 1.05 0.00	30.87 0.96 0.00	32.57 0.95 0.00	33.82 0.81 0.50	31.44 0.62 0.00	28.46 0.52 0.00
REYNOLDS_115KV_TB3 80639	19.83 -0.02 -21.30	19.96 -0.01 -20.85	17.37 0.09 -10.83	18.07 0.06 -13.89	20.32 -0.02 -21.14	18.85 0.00 -18.56	13.59 0.03 -11.57	15.03 0.03 -13.04	13.68 0.09 -8.11	15.98 0.15 -5.07	19.58 0.10 -12.76	24.16 0.10 -18.03	16.35 0.31 -0.20	19.04 0.30 -3.21	18.76 0.35 -0.48	27.79 0.48 0.10	41.01 0.76 0.00	57.82 1.22 0.00	36.72 0.69 0.00	30.52 0.61 0.00	32.42 0.79 -0.01	34.24 0.74 0.00	31.40 0.57 0.00	28.26 0.32 0.00
RIVERBAY____ 323610	15.86 -0.09 -17.40	16.09 -0.06 -17.03	15.65 0.36 -8.85	15.68 0.21 -11.35	16.42 -0.04 -17.27	15.48 0.03 -15.16	11.53 0.09 -9.46	13.60 0.11 -11.53	13.69 0.31 -7.89	16.81 0.64 -5.42	17.60 0.45 -10.42	21.22 0.47 -14.73	18.05 1.28 -0.93	26.05 1.28 -9.24	21.72 1.55 -2.24	29.76 2.27 -0.09	43.39 3.13 0.00	61.00 4.40 0.00	38.61 2.58 0.00	31.98 2.07 0.00	33.85 2.22 0.00	35.90 2.40 0.00	32.89 2.07 0.00	29.55 1.61 0.00
RIVERSDE_115KV_TB3 55908	19.88 -0.02 -21.35	20.01 -0.01 -20.90	17.37 0.07 -10.86	18.09 0.05 -13.93	20.37 -0.01 -21.19	18.90 0.00 -18.61	13.61 0.03 -11.60	15.05 0.02 -13.07	13.68 0.07 -8.12	15.96 0.13 -5.08	19.60 0.08 -12.79	24.19 0.09 -18.08	16.32 0.28 -0.19	19.00 0.28 -3.19	18.73 0.34 -0.47	27.77 0.45 0.09	40.98 0.72 0.00	57.76 1.16 0.00	36.68 0.65 0.00	30.49 0.58 0.00	32.36 0.73 -0.01	34.19 0.68 0.00	31.34 0.52 0.00	28.21 0.27 0.00
ROARING__BROOK_WT_PWR 323790	-4.03 0.09 2.67	-1.92 0.05 1.10	6.12 -0.32 0.00	3.08 -0.23 0.81	-1.93 0.04 1.16	0.28 -0.01 0.00	1.91 -0.07 0.00	1.82 -0.14 0.00	5.23 -0.26 0.00	10.24 -0.51 0.00	6.40 -0.33 0.00	5.68 -0.33 0.00	14.95 -0.90 0.00	14.55 -0.97 0.00	16.82 -1.10 0.00	25.75 -1.66 0.00	39.30 -2.56 -1.61	53.90 -3.36 -0.66	34.13 -1.90 0.00	28.24 -1.67 0.00	29.50 -2.12 0.00	32.12 -2.50 -1.12	28.65 -2.17 0.00	25.99 -1.95 0.00
ROCHESRG_115KV_T4 355643	0.68 -0.03 -2.16	1.21 -0.02 -2.11	7.70 0.15 -1.10	5.64 0.12 -1.41	1.30 -0.03 -2.14	2.15 -0.01 -1.88	3.19 0.03 -1.17	3.31 0.06 -1.30	6.33 0.05 -0.79	11.29 0.06 -0.48	8.03 0.01 -1.29	7.84 0.00 -1.83	15.86 0.01 0.00	15.68 0.00 -0.15	17.91 -0.02 0.00	27.62 0.21 0.00	40.55 0.29 0.00	56.64 0.04 0.00	36.33 0.30 0.00	30.02 0.11 0.00	31.65 0.03 0.00	33.90 0.39 0.00	31.24 0.42 0.00	28.64 0.70 0.00
ROCHESTER_9_IC 23652	0.69 -0.04 -2.17	1.23 -0.02 -2.13	7.74 0.19 -1.11	5.67 0.14 -1.42	1.31 -0.03 -2.16	2.17 -0.01 -1.89	3.21 0.04 -1.18	3.33 0.07 -1.31	6.36 0.08 -0.79	11.35 0.11 -0.48	8.07 0.04 -1.30	7.89 0.03 -1.84	15.94 0.10 0.00	15.77 0.10 -0.15	18.04 0.12 0.00	27.83 0.42 0.00	40.88 0.62 0.00	57.13 0.53 0.00	36.66 0.62 0.00	30.29 0.37 0.00	31.92 0.30 0.00	34.17 0.66 0.00	31.48 0.66 0.00	28.84 0.90 0.00
ROCKVIEW_13_KV_LD 356306	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.46 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.64 0.26 -7.89	16.70 0.54 -5.41	17.53 0.38 -10.42	21.16 0.40 -14.73	17.87 1.10 -0.92	25.88 1.12 -9.24	21.53 1.36 -2.24	29.51 2.02 -0.09	43.07 2.81 0.00	60.50 3.91 0.00	38.29 2.25 0.00	31.71 1.80 0.00	33.56 1.93 0.00	35.55 2.04 0.00	32.60 1.78 0.00	29.28 1.34 0.00
ROME____115KV_TB2 80656	5.31 -0.01 -6.77	2.44 -0.01 -3.32	6.97 0.05 -0.48	6.51 0.03 -2.37	2.66 0.00 -3.47	1.11 0.00 -0.82	2.51 0.01 -0.51	2.55 0.02 -0.57	5.92 0.09 -0.34	11.14 0.18 -0.21	7.41 0.12 -0.56	6.92 0.10 -0.80	15.99 0.14 0.00	15.67 0.08 -0.07	18.04 0.12 0.00	27.69 0.28 0.00	40.14 0.61 0.72	57.46 1.16 0.30	37.08 1.05 0.00	30.87 0.96 0.00	32.57 0.95 0.00	33.82 0.81 0.50	31.44 0.62 0.00	28.46 0.52 0.00
ROSETON__1 23587	15.89 -0.06 -17.39	16.11 -0.03 -17.02	15.51 0.22 -8.84	15.59 0.13 -11.35	16.43 -0.02 -17.26	15.46 0.01 -15.16	11.49 0.06 -9.45	12.49 0.06 -10.46	12.03 0.19 -6.35	15.01 0.38 -3.87	17.42 0.28 -10.42	21.04 0.29 -14.73	16.65 0.80 0.00	17.58 0.82 -1.23	18.92 0.99 0.00	28.93 1.45 -0.08	42.30 2.05 0.00	59.48 2.88 0.00	37.69 1.65 0.00	31.24 1.33 0.00	33.07 1.44 0.00	35.02 1.51 0.00	32.11 1.29 0.00	28.87 0.93 0.00
ROSETON__2 23588	15.89 -0.06 -17.39	16.11 -0.03 -17.02	15.51 0.22 -8.84	15.59 0.13 -11.35	16.43 -0.02 -17.26	15.46 0.01 -15.16	11.49 0.06 -9.45	12.49 0.06 -10.46	12.03 0.19 -6.35	15.01 0.38 -3.87	17.42 0.28 -10.42	21.04 0.29 -14.73	16.65 0.80 0.00	17.58 0.82 -1.23	18.92 0.99 0.00	28.93 1.45 -0.08	42.30 2.05 0.00	59.48 2.88 0.00	37.69 1.65 0.00	31.24 1.33 0.00	33.07 1.44 0.00	35.02 1.51 0.00	32.11 1.29 0.00	28.87 0.93 0.00
ROTTTRDAM_115KV_TB3 80664	20.78 -0.04 -22.27	20.89 -0.03 -21.80	17.95 0.18 -11.33	18.76 0.12 -14.53	21.27 -0.02 -22.11	19.70 0.01 -19.41	14.15 0.06 -12.11	15.62 0.06 -13.60	14.07 0.15 -8.43	16.31 0.30 -5.26	20.26 0.19 -13.34	25.06 0.18 -18.86	16.55 0.52 -0.18	19.16 0.53 -3.11	18.97 0.61 -0.43	28.24 0.90 0.07	41.69 1.43 0.00	58.74 2.14 0.00	37.39 1.36 0.00	31.08 1.17 0.00	32.93 1.31 -0.01	34.80 1.29 0.00	31.91 1.09 0.00	28.76 0.82 0.00
RUSSELL__1 23602	0.68 -0.04 -2.17	1.22 -0.03 -2.13	7.76 0.21 -1.11	5.68 0.15 -1.42	1.31 -0.04 -2.16	2.17 -0.01 -1.89	3.21 0.05 -1.18	3.34 0.07 -1.31	6.38 0.09 -0.79	11.39 0.16 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	16.02 0.17 0.00	15.86 0.18 -0.15	18.16 0.23 0.00	28.02 0.61 0.00	41.17 0.91 0.00	57.55 0.95 0.00	36.95 0.91 0.00	30.52 0.61 0.00	32.16 0.54 0.00	34.43 0.92 0.00	31.70 0.88 0.00	29.03 1.09 0.00
RUSSELL__2 23532	0.68 -0.04 -2.17	1.22 -0.03 -2.13	7.76 0.21 -1.11	5.68 0.15 -1.42	1.31 -0.04 -2.16	2.17 -0.01 -1.89	3.21 0.05 -1.18	3.34 0.07 -1.31	6.38 0.09 -0.79	11.39 0.16 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	16.02 0.17 0.00	15.86 0.18 -0.15	18.16 0.23 0.00	28.02 0.61 0.00	41.17 0.91 0.00	57.55 0.95 0.00	36.95 0.91 0.00	30.52 0.61 0.00	32.16 0.54 0.00	34.43 0.92 0.00	31.70 0.88 0.00	29.03 1.09 0.00
RUSSELL__3 23549	0.68 -0.04 -2.17	1.22 -0.03 -2.13	7.76 0.21 -1.11	5.68 0.15 -1.42	1.31 -0.04 -2.16	2.17 -0.01 -1.89	3.21 0.05 -1.18	3.34 0.07 -1.31	6.38 0.09 -0.79	11.39 0.16 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	16.02 0.17 0.00	15.86 0.18 -0.15	18.16 0.23 0.00	28.02 0.61 0.00	41.17 0.91 0.00	57.55 0.95 0.00	36.95 0.91 0.00	30.52 0.61 0.00	32.16 0.54 0.00	34.43 0.92 0.00	31.70 0.88 0.00	29.03 1.09 0.00

RUSSELL___4 23556	0.68 -0.04 -2.17	1.22 -0.03 -2.13	7.76 0.21 -1.11	5.68 0.15 -1.42	1.31 -0.04 -2.16	2.17 -0.01 -1.89	3.21 0.05 -1.18	3.34 0.07 -1.31	6.38 0.09 -0.79	11.39 0.16 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	16.02 0.17 0.00	15.86 0.18 -0.15	18.16 0.23 0.00	28.02 0.61 0.00	41.17 0.91 0.00	57.55 0.95 0.00	36.95 0.91 0.00	30.52 0.61 0.00	32.16 0.54 0.00	34.43 0.92 0.00	31.70 0.88 0.00	29.03 1.09 0.00
RUSSELL___STATION 23914	0.68 -0.04 -2.17	1.22 -0.03 -2.13	7.76 0.21 -1.11	5.68 0.15 -1.42	1.31 -0.04 -2.16	2.17 -0.01 -1.89	3.21 0.05 -1.18	3.34 0.07 -1.31	6.38 0.09 -0.79	11.39 0.16 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	16.02 0.17 0.00	15.86 0.18 -0.15	18.16 0.23 0.00	28.02 0.61 0.00	41.17 0.91 0.00	57.55 0.95 0.00	36.95 0.91 0.00	30.52 0.61 0.00	32.16 0.54 0.00	34.43 0.92 0.00	31.70 0.88 0.00	29.03 1.09 0.00
S SALMON___HYD 24043	-6.86 0.04 5.45	-2.34 0.02 1.48	6.98 -0.15 -0.68	2.84 -0.10 1.18	-2.42 0.02 1.63	1.45 0.00 -1.17	2.66 -0.05 -0.73	2.73 -0.03 -0.81	5.90 -0.08 -0.49	10.92 -0.13 -0.30	7.45 -0.08 -0.80	7.04 -0.11 -1.13	15.43 -0.41 0.00	15.14 -0.48 -0.09	17.37 -0.56 0.00	26.57 -0.84 0.00	38.17 -1.06 1.03	55.11 -1.07 0.42	35.56 -0.48 0.00	29.62 -0.29 0.00	31.21 -0.41 0.00	32.15 -0.65 0.71	30.21 -0.61 0.00	27.45 -0.50 0.00
S.PERRY___115KV_TB1 80734	1.53 -0.06 -3.04	2.05 -0.04 -2.97	8.28 0.30 -1.54	6.30 0.21 -1.98	2.16 -0.04 -3.02	2.93 0.00 -2.65	3.71 0.07 -1.65	3.90 0.11 -1.83	6.78 0.18 -1.11	11.73 0.30 -0.68	8.70 0.16 -1.82	8.73 0.13 -2.57	16.26 0.41 0.00	16.11 0.37 -0.21	18.36 0.43 0.00	28.49 1.08 0.00	41.71 1.46 0.00	58.47 1.87 0.00	37.92 1.88 0.00	31.51 1.59 0.00	33.34 1.72 0.00	35.70 2.19 0.00	32.81 1.99 0.00	29.94 2.00 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	1.33 -0.04 -2.82	1.85 -0.03 -2.76	8.13 0.25 -1.43	6.15 0.19 -1.84	1.93 -0.05 -2.79	2.73 -0.02 -2.45	3.57 0.06 -1.53	3.75 0.10 -1.70	6.61 0.09 -1.03	11.52 0.14 -0.63	8.45 0.04 -1.69	8.43 0.03 -2.38	15.97 0.13 0.00	15.77 0.05 -0.20	17.90 -0.02 0.00	27.67 0.26 0.00	40.56 0.31 0.00	56.28 -0.32 0.00	36.05 0.02 0.00	29.75 -0.16 0.00	31.35 -0.27 0.00	33.86 0.35 0.00	31.29 0.47 0.00	28.86 0.92 0.00
SAWYER___23_KV_LOAD 55526	1.33 -0.04 -2.82	1.85 -0.03 -2.76	8.13 0.25 -1.43	6.15 0.19 -1.84	1.93 -0.05 -2.79	2.73 -0.02 -2.45	3.57 0.06 -1.53	3.75 0.10 -1.70	6.61 0.09 -1.03	11.52 0.14 -0.63	8.45 0.04 -1.69	8.43 0.03 -2.38	15.97 0.13 0.00	15.77 0.05 -0.20	17.90 -0.02 0.00	27.67 0.26 0.00	40.56 0.31 0.00	56.28 -0.32 0.00	36.05 0.02 0.00	29.75 -0.16 0.00	31.35 -0.27 0.00	33.86 0.35 0.00	31.29 0.47 0.00	28.86 0.92 0.00
SELKIRK___I 23801	19.45 -0.03 -20.92	19.59 -0.02 -20.48	17.21 0.13 -10.64	17.85 0.09 -13.65	19.94 -0.02 -20.77	18.53 0.00 -18.23	13.40 0.05 -11.37	14.79 0.04 -12.79	13.53 0.12 -7.93	15.92 0.22 -4.95	19.40 0.14 -12.54	23.88 0.14 -17.72	16.41 0.39 -0.17	18.90 0.41 -2.97	18.83 0.48 -0.42	28.01 0.66 0.05	41.28 1.02 0.00	58.11 1.51 0.00	36.91 0.88 0.00	30.71 0.79 0.00	32.58 0.95 -0.01	34.44 0.93 0.00	31.57 0.75 0.00	28.46 0.52 0.00
SELKIRK___II 23799	19.69 -0.02 -21.16	19.82 -0.01 -20.71	17.29 0.09 -10.76	17.98 0.06 -13.80	20.18 -0.01 -21.00	18.73 0.00 -18.44	13.52 0.03 -11.50	14.93 0.03 -12.94	13.61 0.08 -8.04	15.93 0.15 -5.02	19.50 0.10 -12.68	24.05 0.11 -17.92	16.35 0.33 -0.18	18.96 0.34 -3.10	18.77 0.40 -0.45	27.89 0.55 0.06	41.08 0.83 0.00	57.86 1.26 0.00	36.73 0.69 0.00	30.53 0.62 0.00	32.40 0.77 -0.01	34.26 0.75 0.00	31.41 0.59 0.00	28.29 0.35 0.00
SENECA OSWGO___HYD 24041	-1.45 0.01 0.02	-0.04 0.01 -0.84	7.15 -0.05 -0.75	4.60 -0.03 -0.51	0.01 0.00 -0.82	1.58 0.00 -1.29	2.77 -0.01 -0.80	2.85 0.00 -0.89	5.99 -0.04 -0.54	11.00 -0.08 -0.33	7.55 -0.06 -0.89	7.19 -0.09 -1.26	15.60 -0.25 0.00	15.37 -0.26 -0.10	17.64 -0.28 0.00	27.00 -0.40 0.00	39.34 -0.61 0.31	55.73 -0.74 0.13	35.65 -0.38 0.00	29.62 -0.29 0.00	31.30 -0.32 0.00	32.97 -0.32 0.22	30.58 -0.24 0.00	27.87 -0.07 0.00
SENECA___115KV_TB3 355854	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.22 0.28 -1.50	6.25 0.21 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.56	3.65 0.07 -1.60	3.85 0.12 -1.77	6.71 0.15 -1.08	11.68 0.27 -0.65	8.61 0.12 -1.76	8.62 0.11 -2.49	16.19 0.35 0.00	16.01 0.27 -0.21	18.18 0.26 0.00	28.13 0.73 0.00	41.24 0.98 0.00	57.22 0.62 0.00	36.63 0.59 0.00	30.21 0.30 0.00	31.84 0.22 0.00	34.34 0.83 0.00	31.72 0.90 0.00	29.21 1.27 0.00
SENECA___ENERGY 23797	0.84 -0.01 -2.30	1.36 -0.01 -2.25	7.68 0.07 -1.17	5.67 0.05 -1.50	1.46 -0.01 -2.28	2.29 0.00 -2.00	3.25 0.02 -1.25	3.38 0.04 -1.38	6.38 0.05 -0.84	11.35 0.09 -0.51	8.14 0.03 -1.37	7.98 0.02 -1.95	15.89 0.04 0.00	15.77 0.09 -0.16	18.03 0.11 0.00	27.70 0.29 0.00	40.67 0.41 0.00	57.14 0.54 0.00	36.60 0.57 0.00	30.35 0.43 0.00	32.02 0.40 0.00	34.10 0.59 0.00	31.34 0.52 0.00	28.55 0.61 0.00
SHOEMAKER___GT 23640	14.40 -0.05 -15.90	14.65 -0.03 -15.56	14.72 0.19 -8.08	14.60 0.12 -10.37	14.95 -0.02 -15.78	14.15 0.01 -13.86	10.67 0.05 -8.64	10.62 0.06 -8.60	10.06 0.16 -4.41	13.21 0.32 -2.15	16.48 0.22 -9.53	19.73 0.24 -13.46	15.67 0.66 0.84	10.05 0.68 6.15	16.72 0.83 2.03	28.71 1.23 -0.07	42.04 1.78 0.00	59.18 2.58 0.00	37.55 1.52 0.00	31.14 1.23 0.00	32.95 1.32 0.00	34.90 1.39 0.00	32.02 1.20 0.00	28.81 0.87 0.00
SHOEMAKR_138KV_BK 111 55601	14.30 -0.05 -15.79	14.55 -0.03 -15.46	14.66 0.19 -8.03	14.53 0.12 -10.30	14.85 -0.02 -15.68	14.06 0.01 -13.76	10.61 0.05 -8.58	10.60 0.06 -8.59	10.08 0.16 -4.44	13.26 0.32 -2.19	16.42 0.23 -9.46	19.64 0.25 -13.37	15.73 0.68 0.80	10.40 0.70 5.82	16.84 0.86 1.94	28.74 1.26 -0.07	42.07 1.81 0.00	59.19 2.59 0.00	37.55 1.52 0.00	31.14 1.22 0.00	32.93 1.31 0.00	34.89 1.38 0.00	32.00 1.18 0.00	28.78 0.84 0.00
SHOREHAM_IC_1 23715	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.83 0.53 -8.85	15.79 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.47 -7.88	18.25 0.94 -6.56	31.10 0.61 -23.77	27.12 0.62 -20.49	30.02 1.65 -12.52	36.40 1.65 -19.22	53.34 1.97 -33.44	38.01 3.03 -7.57	44.54 4.28 0.00	62.70 6.10 0.00	39.98 3.80 -0.15	32.87 2.96 0.00	34.74 3.12 0.00	36.78 3.28 0.00	33.87 3.05 0.00	30.44 2.50 0.00
SHOREHAM_IC_2 23716	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.83 0.53 -8.85	15.79 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.47 -7.88	18.25 0.94 -6.56	31.10 0.61 -23.77	27.12 0.62 -20.49	30.02 1.65 -12.52	36.40 1.65 -19.22	53.34 1.97 -33.44	38.01 3.03 -7.57	44.54 4.28 0.00	62.70 6.10 0.00	39.98 3.80 -0.15	32.87 2.96 0.00	34.74 3.12 0.00	36.78 3.28 0.00	33.87 3.05 0.00	30.44 2.50 0.00

SISSONVILLE____ 23735	-14.13 0.18 12.87	-5.78 0.12 5.02	6.03 -0.66 -0.25	-0.11 -0.51 3.72	-6.05 0.11 5.34	0.68 -0.03 -0.42	2.08 -0.17 -0.26	1.93 -0.33 -0.29	5.06 -0.60 -0.18	9.59 -1.27 -0.11	6.23 -0.79 -0.29	5.63 -0.80 -0.41	13.66 -2.19 0.00	13.28 -2.28 -0.03	15.35 -2.58 0.00	23.50 -3.91 0.00	24.26 -6.07 9.93	44.76 -7.80 4.04	31.54 -4.50 0.00	26.15 -3.76 0.00	26.93 -4.68 0.00	21.22 -5.40 6.89	26.07 -4.75 0.00	23.73 -4.21 0.00
SITHE_IND_GS1 24169	-0.29 0.02 -1.13	0.24 0.02 -1.10	6.90 -0.12 -0.57	4.78 -0.07 -0.73	0.32 0.01 -1.12	1.26 -0.01 -0.98	2.56 -0.04 -0.61	2.60 -0.03 -0.68	5.79 -0.11 -0.41	10.79 -0.21 -0.25	7.26 -0.14 -0.67	6.82 -0.16 -0.95	15.41 -0.44 0.00	15.17 -0.43 -0.08	17.39 -0.53 0.00	26.60 -0.81 0.00	39.07 -1.19 0.00	54.89 -1.72 0.00	34.99 -1.04 0.00	29.05 -0.86 0.00	30.68 -0.94 0.00	32.57 -0.94 0.00	30.06 -0.76 0.00	27.44 -0.50 0.00
SITHE_IND_GS2 24170	-0.29 0.02 -1.13	0.24 0.02 -1.10	6.90 -0.12 -0.57	4.78 -0.07 -0.73	0.32 0.01 -1.12	1.26 -0.01 -0.98	2.56 -0.04 -0.61	2.60 -0.03 -0.68	5.79 -0.11 -0.41	10.79 -0.21 -0.25	7.26 -0.14 -0.67	6.82 -0.16 -0.95	15.41 -0.44 0.00	15.17 -0.43 -0.08	17.39 -0.53 0.00	26.60 -0.81 0.00	39.07 -1.19 0.00	54.89 -1.72 0.00	34.99 -1.04 0.00	29.05 -0.86 0.00	30.68 -0.94 0.00	32.57 -0.94 0.00	30.06 -0.76 0.00	27.44 -0.50 0.00
SITHE_IND_GS3 24171	-0.29 0.02 -1.13	0.24 0.02 -1.10	6.90 -0.12 -0.57	4.78 -0.07 -0.73	0.32 0.01 -1.12	1.26 -0.01 -0.98	2.56 -0.04 -0.61	2.60 -0.03 -0.68	5.79 -0.11 -0.41	10.79 -0.21 -0.25	7.26 -0.14 -0.67	6.82 -0.16 -0.95	15.41 -0.44 0.00	15.17 -0.43 -0.08	17.39 -0.53 0.00	26.60 -0.81 0.00	39.07 -1.19 0.00	54.89 -1.72 0.00	34.99 -1.04 0.00	29.05 -0.86 0.00	30.68 -0.94 0.00	32.57 -0.94 0.00	30.06 -0.76 0.00	27.44 -0.50 0.00
SITHE_IND_GS4 24172	-0.29 0.02 -1.13	0.24 0.02 -1.10	6.90 -0.12 -0.57	4.78 -0.07 -0.73	0.32 0.01 -1.12	1.26 -0.01 -0.98	2.56 -0.04 -0.61	2.60 -0.03 -0.68	5.79 -0.11 -0.41	10.79 -0.21 -0.25	7.26 -0.14 -0.67	6.82 -0.16 -0.95	15.41 -0.44 0.00	15.17 -0.43 -0.08	17.39 -0.53 0.00	26.60 -0.81 0.00	39.07 -1.19 0.00	54.89 -1.72 0.00	34.99 -1.04 0.00	29.05 -0.86 0.00	30.68 -0.94 0.00	32.57 -0.94 0.00	30.06 -0.76 0.00	27.44 -0.50 0.00
SITHE____BATAVIA 24024	0.98 -0.07 -2.49	1.52 -0.04 -2.44	8.06 0.35 -1.27	6.00 0.26 -1.62	1.59 -0.07 -2.47	2.44 -0.02 -2.17	3.44 0.10 -1.35	3.60 0.14 -1.50	6.57 0.18 -0.91	11.57 0.26 -0.55	8.32 0.10 -1.49	8.23 0.10 -2.11	16.34 0.49 0.00	16.04 0.34 -0.18	18.19 0.27 0.00	28.18 0.78 0.00	41.37 1.11 0.00	57.74 1.14 0.00	37.29 1.26 0.00	30.79 0.87 0.00	32.47 0.84 0.00	34.93 1.42 0.00	32.19 1.37 0.00	29.64 1.70 0.00
SITHE____INDEPEND 23800	-0.29 0.02 -1.13	0.24 0.02 -1.10	6.90 -0.12 -0.57	4.78 -0.07 -0.73	0.32 0.01 -1.12	1.26 -0.01 -0.98	2.56 -0.04 -0.61	2.60 -0.03 -0.68	5.79 -0.11 -0.41	10.79 -0.21 -0.25	7.26 -0.14 -0.67	6.82 -0.16 -0.95	15.41 -0.44 0.00	15.17 -0.43 -0.08	17.39 -0.54 0.00	26.60 -0.81 0.00	39.07 -1.19 0.00	54.89 -1.72 0.00	35.00 -1.04 0.00	29.05 -0.87 0.00	30.68 -0.94 0.00	32.57 -0.93 0.00	30.06 -0.76 0.00	27.44 -0.50 0.00
SITHE____MASSENA 23902	-9.94 0.14 8.63	-4.12 0.09 3.34	6.11 -0.53 -0.19	1.25 -0.39 2.47	-4.28 0.08 3.55	0.60 -0.02 -0.34	2.09 -0.10 -0.21	1.91 -0.28 -0.23	5.13 -0.50 -0.14	9.73 -1.11 -0.09	6.26 -0.70 -0.23	5.63 -0.72 -0.33	13.88 -1.97 0.00	13.50 -2.05 -0.03	15.62 -2.30 0.00	23.93 -3.48 0.00	22.74 -5.53 11.98	44.54 -7.19 4.88	31.90 -4.14 0.00	26.39 -3.52 0.00	27.17 -4.45 0.00	20.16 -5.04 8.31	26.50 -4.32 0.00	24.17 -3.77 0.00
SITHE____OGDNSBRG 24021	-12.53 0.14 11.22	-5.15 0.10 4.37	6.16 -0.50 -0.23	0.49 -0.39 3.23	-5.37 0.08 4.65	0.65 -0.02 -0.39	2.13 -0.10 -0.24	1.95 -0.28 -0.27	5.17 -0.48 -0.16	9.78 -1.07 -0.10	6.32 -0.67 -0.27	5.70 -0.70 -0.38	13.94 -1.90 0.00	13.55 -2.00 -0.03	15.67 -2.26 0.00	24.00 -3.41 0.00	24.19 -5.35 10.73	45.42 -6.81 4.37	32.18 -3.86 0.00	26.71 -3.20 0.00	27.52 -4.10 0.00	21.32 -4.75 7.44	26.71 -4.11 0.00	24.33 -3.61 0.00
SITHE____STERLING 23777	2.90 -0.02 -4.36	1.52 -0.01 -2.41	7.06 0.07 -0.55	5.85 0.04 -1.70	1.69 -0.01 -2.50	1.23 0.00 -0.94	2.59 0.02 -0.59	2.64 0.03 -0.65	5.97 0.09 -0.40	11.16 0.17 -0.24	7.48 0.11 -0.65	7.03 0.09 -0.92	16.02 0.17 0.00	15.75 0.14 -0.08	18.11 0.18 0.00	27.76 0.35 0.00	40.47 0.66 0.45	57.47 1.06 0.18	36.92 0.89 0.00	30.74 0.82 0.00	32.45 0.82 0.00	33.97 0.78 0.31	31.45 0.62 0.00	28.49 0.55 0.00
SLEIGHT__34_KV_TB1 80719	0.67 -0.04 -2.15	1.21 -0.02 -2.11	7.72 0.18 -1.10	5.65 0.12 -1.41	1.30 -0.02 -2.14	2.17 0.01 -1.88	3.20 0.05 -1.17	3.32 0.07 -1.30	6.43 0.15 -0.79	11.52 0.29 -0.48	8.18 0.17 -1.29	7.99 0.14 -1.82	16.21 0.36 0.00	16.09 0.41 -0.15	18.41 0.49 0.00	28.30 0.89 0.00	41.62 1.37 0.00	58.59 1.99 0.00	37.52 1.48 0.00	31.04 1.13 0.00	32.74 1.12 0.00	34.82 1.32 0.00	32.00 1.18 0.00	29.13 1.19 0.00
SOUTH CAIRO____GT 23612	18.66 -0.06 -20.16	18.83 -0.03 -19.74	16.94 0.24 -10.26	17.43 0.16 -13.15	19.17 -0.03 -20.02	17.87 0.01 -17.57	13.03 0.09 -10.96	14.32 0.08 -12.28	13.28 0.22 -7.58	15.81 0.35 -4.71	19.00 0.19 -12.08	23.33 0.24 -17.08	16.58 0.60 -0.13	18.78 0.71 -2.54	19.19 0.95 -0.31	28.52 1.15 0.04	42.15 1.89 0.00	59.46 2.86 0.00	37.92 1.88 0.00	31.76 1.85 0.00	33.81 2.18 0.00	35.66 2.15 0.00	32.53 1.71 0.00	29.22 1.28 0.00
SOUTH HAMPTN____IC 23720	16.06 -0.16 -17.67	18.62 -0.10 -19.60	15.93 0.63 -8.85	15.85 0.38 -11.35	16.39 -0.07 -17.27	15.49 0.04 -15.16	11.62 0.18 -9.46	13.67 0.19 -11.52	13.93 0.56 -7.88	18.48 1.17 -6.56	31.26 0.77 -23.77	27.28 0.77 -20.49	30.42 2.05 -12.52	36.78 2.03 -19.22	53.79 2.42 -33.44	38.72 3.74 -7.57	45.60 5.34 0.00	64.16 7.55 0.00	40.90 4.71 -0.15	33.58 3.66 0.00	35.44 3.82 0.00	37.52 4.01 0.00	34.52 3.70 0.00	30.98 3.04 0.00
SOUTHDOW_115KV_TB1 355954	1.62 -0.07 -3.13	2.14 -0.04 -3.06	8.24 0.20 -1.59	6.31 0.16 -2.04	2.26 -0.03 -3.11	3.00 -0.01 -2.73	3.73 0.04 -1.70	3.97 0.12 -1.88	6.85 0.22 -1.14	11.93 0.48 -0.70	8.87 0.27 -1.88	8.92 0.25 -2.65	16.54 0.69 0.00	16.34 0.59 -0.22	18.58 0.66 0.00	28.83 1.42 0.00	42.41 2.16 0.00	58.86 2.25 0.00	37.59 1.56 0.00	30.93 1.02 0.00	32.34 0.72 0.00	34.67 1.16 0.00	32.04 1.21 0.00	29.45 1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	16.03 -0.20 -17.67	18.59 -0.12 -19.59	16.06 0.77 -8.85	15.93 0.47 -11.35	16.38 -0.09 -17.27	15.50 0.05 -15.16	11.66 0.22 -9.46	13.71 0.23 -11.52	14.05 0.69 -7.88	18.76 1.45 -6.56	31.45 0.95 -23.77	27.46 0.95 -20.49	30.89 2.52 -12.52	37.21 2.47 -19.22	54.32 2.95 -33.44	39.56 4.59 -7.56	46.85 6.59 0.00	65.93 9.33 0.00	42.02 5.83 -0.15	34.48 4.57 0.00	36.34 4.72 0.00	38.45 4.94 0.00	35.38 4.56 0.00	31.69 3.75 0.00

SOUTHOLD___IC 23719	16.03 -0.20 -17.67	18.60 -0.12 -19.60	16.06 0.77 -8.85	15.93 0.47 -11.35	16.37 -0.09 -17.27	15.50 0.05 -15.16	11.66 0.22 -9.46	13.71 0.23 -11.52	14.05 0.69 -7.88	18.76 1.45 -6.56	31.44 0.95 -23.77	27.46 0.95 -20.49	30.89 2.51 -12.52	37.21 2.47 -19.22	54.31 2.94 -33.44	39.57 4.59 -7.57	46.84 6.59 0.00	65.93 9.33 0.00	42.02 5.84 -0.15	34.48 4.57 0.00	36.34 4.71 0.00	38.45 4.94 0.00	35.38 4.56 0.00	31.69 3.75 0.00
SPIERFLS_115KV_TB 1 80737	20.53 -0.06 -22.03	20.65 -0.04 -21.57	17.93 0.28 -11.20	18.68 0.19 -14.37	21.04 -0.03 -21.87	19.50 0.01 -19.20	14.04 0.08 -11.98	15.51 0.08 -13.47	14.07 0.23 -8.35	16.41 0.44 -5.22	20.15 0.22 -13.20	24.90 0.21 -18.66	16.71 0.68 -0.18	19.28 0.61 -3.15	19.09 0.72 -0.45	28.50 1.18 0.09	42.68 2.42 0.00	60.27 3.67 0.00	38.58 2.54 0.00	32.07 2.15 0.00	33.84 2.21 -0.01	35.62 2.11 0.00	32.56 1.74 0.00	29.23 1.29 0.00
ST LAWRENCE___ 23600	-9.05 0.15 7.76	-3.77 0.10 2.99	6.04 -0.59 -0.19	1.47 -0.43 2.22	-3.90 0.09 3.18	0.58 -0.03 -0.32	2.06 -0.12 -0.20	1.87 -0.30 -0.22	5.07 -0.56 -0.13	9.63 -1.20 -0.08	6.18 -0.77 -0.22	5.55 -0.78 -0.31	13.72 -2.13 0.00	13.34 -2.21 -0.03	15.46 -2.47 0.00	23.67 -3.74 0.00	21.94 -5.91 12.40	43.78 -7.77 5.05	31.53 -4.51 0.00	26.07 -3.84 0.00	26.84 -4.78 0.00	19.54 -5.37 8.60	26.20 -4.62 0.00	23.91 -4.03 0.00
STATE_CA_115KV_115_LB 55624	20.03 -0.02 -21.50	20.15 -0.01 -21.04	17.46 0.08 -10.93	18.19 0.05 -14.02	20.52 -0.01 -21.34	19.02 0.00 -18.73	13.70 0.03 -11.69	15.13 0.02 -13.15	13.74 0.08 -8.17	16.00 0.14 -5.11	19.70 0.10 -12.88	24.33 0.10 -18.20	16.37 0.33 -0.19	19.03 0.33 -3.17	18.78 0.40 -0.46	27.86 0.54 0.08	41.13 0.87 0.00	57.97 1.37 0.00	36.82 0.78 0.00	30.60 0.68 0.00	32.46 0.84 -0.01	34.29 0.78 0.00	31.43 0.61 0.00	28.28 0.34 0.00
STATE_ST_34_KV_LOAD 55959	0.80 -0.02 -2.27	1.33 -0.02 -2.22	7.73 0.13 -1.15	5.69 0.09 -1.48	1.43 -0.02 -2.25	2.27 0.01 -1.98	3.25 0.03 -1.23	3.38 0.05 -1.37	6.44 0.12 -0.83	11.48 0.22 -0.51	8.20 0.12 -1.36	8.04 0.10 -1.92	16.07 0.22 0.00	15.94 0.26 -0.16	18.19 0.26 0.00	27.92 0.51 0.00	40.89 0.64 0.00	57.70 1.10 0.00	36.94 0.90 0.00	30.59 0.67 0.00	32.26 0.63 0.00	34.36 0.85 0.00	31.58 0.76 0.00	28.77 0.83 0.00
STATION 5_MISC_HYD 23604	0.69 -0.04 -2.17	1.23 -0.02 -2.13	7.74 0.19 -1.11	5.67 0.14 -1.42	1.31 -0.03 -2.16	2.17 -0.01 -1.89	3.21 0.04 -1.18	3.33 0.07 -1.31	6.36 0.07 -0.79	11.35 0.11 -0.48	8.07 0.04 -1.30	7.89 0.03 -1.84	15.95 0.10 0.00	15.78 0.10 -0.15	18.05 0.12 0.00	27.83 0.42 0.00	40.88 0.62 0.00	57.12 0.51 0.00	36.65 0.62 0.00	30.29 0.37 0.00	31.93 0.30 0.00	34.18 0.67 0.00	31.48 0.66 0.00	28.84 0.90 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	0.69 -0.03 -2.17	1.23 -0.02 -2.13	7.70 0.15 -1.11	5.64 0.11 -1.42	1.32 -0.02 -2.16	2.18 0.00 -1.89	3.20 0.04 -1.18	3.33 0.06 -1.31	6.37 0.09 -0.79	11.39 0.15 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	15.99 0.14 0.00	15.85 0.17 -0.15	18.15 0.22 0.00	27.96 0.55 0.00	41.08 0.82 0.00	57.58 0.97 0.00	36.93 0.89 0.00	30.55 0.64 0.00	32.21 0.59 0.00	34.36 0.85 0.00	31.60 0.78 0.00	28.85 0.91 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	0.68 -0.02 -2.15	1.21 -0.01 -2.11	7.67 0.13 -1.10	5.62 0.10 -1.40	1.30 -0.03 -2.14	2.15 -0.01 -1.88	3.18 0.03 -1.17	3.30 0.05 -1.30	6.31 0.04 -0.79	11.28 0.05 -0.48	8.02 0.00 -1.29	7.84 0.00 -1.82	15.85 0.00 0.00	15.68 0.01 -0.15	17.94 0.02 0.00	27.68 0.27 0.00	40.66 0.40 0.00	56.87 0.27 0.00	36.47 0.44 0.00	30.13 0.22 0.00	31.77 0.15 0.00	33.98 0.47 0.00	31.29 0.47 0.00	28.65 0.71 0.00
STA_56___34_KV_BUS2 355983	0.68 -0.02 -2.15	1.21 -0.01 -2.11	7.67 0.13 -1.10	5.62 0.10 -1.40	1.30 -0.03 -2.14	2.15 -0.01 -1.88	3.18 0.03 -1.17	3.30 0.05 -1.30	6.31 0.04 -0.79	11.28 0.05 -0.48	8.02 0.00 -1.29	7.84 0.00 -1.82	15.85 0.00 0.00	15.68 0.01 -0.15	17.94 0.02 0.00	27.68 0.27 0.00	40.66 0.40 0.00	56.87 0.27 0.00	36.47 0.44 0.00	30.13 0.22 0.00	31.77 0.15 0.00	33.98 0.47 0.00	31.29 0.47 0.00	28.65 0.71 0.00
STA_67___115KV_BK2 355882	0.69 -0.04 -2.17	1.22 -0.02 -2.12	7.72 0.17 -1.10	5.66 0.13 -1.41	1.31 -0.03 -2.15	2.17 -0.01 -1.89	3.20 0.04 -1.18	3.33 0.06 -1.31	6.35 0.07 -0.79	11.33 0.09 -0.48	8.06 0.03 -1.30	7.88 0.02 -1.84	15.91 0.06 0.00	15.74 0.06 -0.15	17.99 0.07 0.00	27.75 0.34 0.00	40.75 0.50 0.00	56.94 0.34 0.00	36.53 0.50 0.00	30.19 0.28 0.00	31.82 0.20 0.00	34.07 0.56 0.00	31.39 0.57 0.00	28.77 0.83 0.00
STA_7___115KV_9TRANS 80674	0.68 -0.04 -2.17	1.22 -0.03 -2.13	7.76 0.21 -1.11	5.68 0.15 -1.42	1.31 -0.04 -2.16	2.17 -0.01 -1.89	3.21 0.05 -1.18	3.34 0.07 -1.31	6.38 0.09 -0.79	11.39 0.16 -0.48	8.10 0.07 -1.30	7.92 0.06 -1.84	16.02 0.17 0.00	15.86 0.18 -0.15	18.16 0.23 0.00	28.02 0.61 0.00	41.17 0.91 0.00	57.55 0.95 0.00	36.95 0.91 0.00	30.52 0.61 0.00	32.16 0.54 0.00	34.43 0.92 0.00	31.70 0.88 0.00	29.03 1.09 0.00
STA_82___115KV_TB1 80780	0.70 -0.04 -2.18	1.24 -0.02 -2.13	7.73 0.18 -1.11	5.67 0.13 -1.42	1.32 -0.03 -2.17	2.18 -0.01 -1.90	3.21 0.04 -1.19	3.34 0.06 -1.31	6.35 0.07 -0.80	11.34 0.10 -0.49	8.07 0.03 -1.31	7.89 0.02 -1.85	15.92 0.07 0.00	15.75 0.07 -0.15	18.00 0.07 0.00	27.76 0.35 0.00	40.78 0.52 0.00	56.97 0.37 0.00	36.55 0.52 0.00	30.21 0.30 0.00	31.85 0.22 0.00	34.10 0.59 0.00	31.42 0.59 0.00	28.79 0.85 0.00
STEEL___WIND 323596	1.44 -0.05 -2.94	1.97 -0.03 -2.88	8.21 0.27 -1.50	6.24 0.21 -1.92	2.06 -0.05 -2.92	2.84 -0.01 -2.56	3.65 0.07 -1.60	3.85 0.12 -1.77	6.71 0.14 -1.08	11.67 0.26 -0.65	8.60 0.11 -1.76	8.61 0.10 -2.49	16.17 0.32 0.00	15.98 0.25 -0.21	18.16 0.23 0.00	28.08 0.68 0.00	41.18 0.93 0.00	57.14 0.54 0.00	36.58 0.55 0.00	30.18 0.26 0.00	31.81 0.19 0.00	34.29 0.78 0.00	31.69 0.87 0.00	29.17 1.23 0.00
STEPHTWN_115KV_BK_2 55603	19.79 -0.02 -21.26	19.92 -0.01 -20.81	17.35 0.09 -10.81	18.05 0.07 -13.87	20.28 -0.01 -21.10	18.82 0.01 -18.53	13.58 0.05 -11.56	15.00 0.03 -13.01	13.68 0.11 -8.08	15.99 0.19 -5.06	19.59 0.13 -12.73	24.15 0.13 -18.00	16.45 0.42 -0.19	19.15 0.47 -3.16	18.92 0.53 -0.46	28.11 0.78 0.08	41.44 1.19 0.00	58.41 1.80 0.00	37.10 1.06 0.00	30.86 0.95 0.00	32.70 1.07 -0.01	34.51 1.00 0.00	31.63 0.81 0.00	28.41 0.46 0.00
STEUBEN_REC_LFGE 323667	2.33 -0.01 -3.80	2.82 -0.01 -3.72	8.41 0.04 -1.93	6.63 0.04 -2.48	2.95 -0.01 -3.77	3.58 -0.02 -3.31	4.03 -0.01 -2.06	4.31 0.06 -2.29	6.97 0.10 -1.39	11.94 0.34 -0.85	9.17 0.17 -2.27	9.39 0.15 -3.22	16.31 0.46 0.00	16.21 0.42 -0.27	18.37 0.45 0.00	28.45 1.04 0.00	41.80 1.54 0.00	58.41 1.81 0.00	37.41 1.38 0.00	30.98 1.06 0.00	32.74 1.12 0.00	35.08 1.57 0.00	32.30 1.48 0.00	29.42 1.48 0.00

STONY___BROOK 24151	16.10 -0.12 -17.67	18.64 -0.08 -19.60	15.76 0.47 -8.85	15.75 0.28 -11.35	16.41 -0.05 -17.27	15.49 0.03 -15.16	11.57 0.13 -9.46	13.63 0.14 -11.52	13.78 0.41 -7.88	18.15 0.84 -6.56	31.05 0.55 -23.77	27.07 0.57 -20.49	29.90 1.53 -12.52	36.28 1.53 -19.22	53.18 1.81 -33.44	37.60 2.63 -7.57	43.88 3.62 0.00	61.72 5.11 0.00	39.35 3.16 -0.15	32.32 2.40 0.00	34.16 2.53 0.00	36.25 2.74 0.00	33.48 2.65 0.00	30.11 2.17 0.00
STURGEON_POOL_HYD 23609	16.30 -0.06 -17.81	16.52 -0.04 -17.44	15.74 0.24 -9.06	15.88 0.14 -11.62	16.85 -0.02 -17.69	15.82 0.01 -15.52	11.72 0.06 -9.68	12.75 0.07 -10.72	12.20 0.21 -6.50	15.15 0.43 -3.97	17.71 0.31 -10.67	21.45 0.34 -15.09	16.77 0.93 0.00	17.74 0.96 -1.26	19.10 1.18 0.00	29.19 1.75 -0.04	42.74 2.48 0.00	60.09 3.49 0.00	38.03 2.00 0.00	31.51 1.60 0.00	33.32 1.70 0.00	35.29 1.78 0.00	32.35 1.53 0.00	29.06 1.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	14.76 -0.06 -16.26	15.00 -0.03 -15.92	14.92 0.21 -8.27	14.85 0.13 -10.60	15.31 -0.02 -16.14	14.47 0.01 -14.17	10.87 0.05 -8.84	10.69 0.06 -8.67	9.99 0.18 -4.33	13.13 0.37 -2.01	16.74 0.27 -9.74	20.09 0.30 -13.77	15.69 0.81 0.97	9.10 0.83 7.26	16.59 1.02 2.35	28.99 1.51 -0.07	42.40 2.14 0.00	59.62 3.02 0.00	37.77 1.74 0.00	31.30 1.39 0.00	33.09 1.46 0.00	35.05 1.54 0.00	32.13 1.31 0.00	28.87 0.93 0.00
SWANROAD_115KV_TB1 355699	1.24 -0.02 -2.71	1.76 -0.01 -2.65	7.98 0.16 -1.38	6.04 0.16 -1.76	1.82 -0.06 -2.68	2.61 -0.03 -2.36	3.50 0.05 -1.47	3.69 0.10 -1.63	6.47 0.00 -0.99	11.28 -0.07 -0.60	8.24 -0.10 -1.62	8.22 -0.09 -2.29	15.65 -0.19 0.00	15.41 -0.31 -0.19	17.46 -0.46 0.00	26.99 -0.42 0.00	39.53 -0.73 0.00	54.79 -1.81 0.00	35.16 -0.87 0.00	29.05 -0.86 0.00	30.62 -1.01 0.00	33.17 -0.33 0.00	30.68 -0.14 0.00	28.45 0.51 0.00
SYNERGY___BIOGAS 323694	0.98 -0.07 -2.49	1.52 -0.04 -2.44	8.06 0.35 -1.27	6.00 0.26 -1.62	1.59 -0.07 -2.47	2.44 -0.02 -2.17	3.44 0.10 -1.35	3.60 0.14 -1.50	6.57 0.18 -0.91	11.57 0.26 -0.55	8.32 0.10 -1.49	8.23 0.10 -2.11	16.34 0.49 0.00	16.04 0.34 -0.18	18.19 0.27 0.00	28.18 0.78 0.00	41.37 1.11 0.00	57.74 1.14 0.00	37.29 1.26 0.00	30.79 0.87 0.00	32.47 0.84 0.00	34.93 1.42 0.00	32.19 1.37 0.00	29.64 1.70 0.00
SYRACUSE___ENERGY_ST1 323597	0.39 -0.01 -1.84	0.92 -0.01 -1.80	7.42 0.03 -0.94	5.34 0.03 -1.20	1.01 0.00 -1.83	1.89 0.00 -1.61	2.99 0.01 -1.00	3.08 0.02 -1.11	6.19 0.03 -0.67	11.22 0.06 -0.41	7.86 0.03 -1.10	7.59 0.01 -1.56	15.86 0.02 0.00	15.68 0.03 -0.13	17.94 0.02 0.00	27.48 0.07 0.00	40.17 0.13 0.21	56.70 0.18 0.09	36.22 0.19 0.00	30.05 0.14 0.00	31.73 0.11 0.00	33.55 0.19 0.15	31.03 0.21 0.00	28.26 0.33 0.00
SYRACUSE___ENERGY_ST2 323598	0.39 -0.01 -1.84	0.92 -0.01 -1.80	7.42 0.03 -0.94	5.34 0.03 -1.20	1.01 0.00 -1.83	1.89 0.00 -1.61	2.99 0.01 -1.00	3.08 0.02 -1.11	6.19 0.03 -0.67	11.22 0.06 -0.41	7.86 0.03 -1.10	7.59 0.01 -1.56	15.86 0.02 0.00	15.68 0.03 -0.13	17.94 0.02 0.00	27.48 0.07 0.00	40.17 0.13 0.21	56.70 0.18 0.09	36.22 0.19 0.00	30.05 0.14 0.00	31.73 0.11 0.00	33.55 0.19 0.15	31.03 0.21 0.00	28.26 0.33 0.00
SYRACUSE___POWER 24017	0.46 -0.01 -1.91	0.98 -0.01 -1.87	7.45 0.03 -0.97	5.38 0.03 -1.25	1.08 0.00 -1.90	1.95 0.00 -1.66	3.03 0.01 -1.04	3.13 0.02 -1.15	6.21 0.03 -0.70	11.23 0.05 -0.43	7.89 0.02 -1.14	7.65 0.01 -1.62	15.86 0.01 0.00	15.68 0.02 -0.13	17.94 0.01 0.00	27.45 0.05 0.00	40.13 0.09 0.22	56.60 0.09 0.09	36.18 0.15 0.00	30.03 0.11 0.00	31.72 0.09 0.00	33.51 0.16 0.15	31.03 0.21 0.00	28.25 0.31 0.00
TALLMAN___138KV_BK151 55660	15.18 -0.06 -16.69	15.42 -0.04 -16.34	15.16 0.23 -8.49	15.14 0.14 -10.89	15.74 -0.02 -16.57	14.85 0.01 -14.55	11.11 0.06 -9.07	10.57 0.07 -8.55	9.62 0.20 -3.93	12.71 0.42 -1.55	17.03 0.31 -10.00	20.50 0.34 -14.13	15.46 0.92 1.31	6.34 0.94 10.13	15.91 1.15 3.16	29.19 1.70 -0.08	42.62 2.37 0.00	59.89 3.29 0.00	37.91 1.88 0.00	31.39 1.48 0.00	33.18 1.55 0.00	35.15 1.65 0.00	32.24 1.42 0.00	28.94 1.01 0.00
TEALLAVE_115KV_TB7 355573	0.16 0.00 -1.61	0.70 0.00 -1.57	7.27 0.01 -0.82	5.17 0.01 -1.05	0.79 0.00 -1.60	1.69 0.00 -1.40	2.86 0.00 -0.87	2.94 0.01 -0.97	6.08 0.00 -0.59	11.11 0.00 -0.36	7.69 -0.01 -0.96	7.37 -0.02 -1.36	15.78 -0.06 0.00	15.58 -0.06 -0.11	17.84 -0.08 0.00	27.30 -0.11 0.00	39.86 -0.15 0.25	56.23 -0.27 0.10	35.94 -0.10 0.00	29.82 -0.10 0.00	31.50 -0.13 0.00	33.27 -0.06 0.17	30.85 0.03 0.00	28.11 0.17 0.00
TELGRAPH_34_KV_EAST 80808	1.09 -0.04 -2.58	1.62 -0.03 -2.53	8.03 0.27 -1.31	6.02 0.22 -1.69	1.69 -0.06 -2.56	2.52 -0.02 -2.25	3.46 0.08 -1.40	3.63 0.12 -1.55	6.53 0.10 -0.94	11.47 0.14 -0.58	8.31 0.03 -1.55	8.24 0.03 -2.19	16.14 0.29 0.00	15.84 0.13 -0.18	17.93 0.00 0.00	27.71 0.30 0.00	40.64 0.38 0.00	56.51 -0.09 0.00	36.32 0.28 0.00	29.99 0.08 0.00	31.60 -0.02 0.00	34.12 0.62 0.00	31.50 0.68 0.00	29.10 1.16 0.00
TEMPLE___115KV_TB 2 55572	0.18 0.00 -1.63	0.71 0.00 -1.60	7.28 0.01 -0.83	5.19 0.01 -1.06	0.81 0.00 -1.62	1.71 0.00 -1.42	2.87 0.00 -0.89	2.95 0.01 -0.98	6.09 0.01 -0.60	11.13 0.01 -0.36	7.70 0.00 -0.97	7.39 -0.02 -1.38	15.80 -0.05 0.00	15.60 -0.04 -0.12	17.86 -0.07 0.00	27.33 -0.08 0.00	39.91 -0.10 0.24	56.29 -0.21 0.10	35.97 -0.06 0.00	29.85 -0.07 0.00	31.53 -0.09 0.00	33.31 -0.03 0.17	30.88 0.06 0.00	28.13 0.19 0.00
TIANA___69_KV_BK 1 55817	16.07 -0.16 -17.67	18.62 -0.10 -19.59	15.90 0.60 -8.85	15.83 0.36 -11.35	16.40 -0.07 -17.27	15.49 0.04 -15.16	11.61 0.17 -9.46	13.67 0.18 -11.52	13.90 0.53 -7.88	18.40 1.10 -6.56	31.21 0.72 -23.77	27.23 0.72 -20.49	30.30 1.93 -12.52	36.67 1.92 -19.22	53.66 2.29 -33.44	38.51 3.54 -7.56	45.29 5.03 0.00	63.73 7.13 0.00	40.64 4.45 -0.15	33.37 3.45 0.00	35.25 3.62 0.00	37.30 3.79 0.00	34.33 3.51 0.00	30.82 2.88 0.00
TILDEN___115KV_TB1 80814	0.46 -0.01 -1.91	0.98 -0.01 -1.87	7.45 0.03 -0.97	5.38 0.03 -1.25	1.08 0.00 -1.90	1.95 0.00 -1.66	3.03 0.01 -1.04	3.13 0.02 -1.15	6.21 0.03 -0.70	11.23 0.05 -0.43	7.89 0.02 -1.14	7.65 0.01 -1.62	15.86 0.01 0.00	15.68 0.02 -0.13	17.94 0.01 0.00	27.45 0.05 0.00	40.13 0.09 0.22	56.60 0.09 0.09	36.18 0.15 0.00	30.03 0.11 0.00	31.72 0.09 0.00	33.51 0.16 0.15	31.03 0.21 0.00	28.25 0.31 0.00
TRIGEN___CC 323695	16.13 -0.09 -17.67	18.66 -0.06 -19.59	15.64 0.34 -8.85	15.67 0.20 -11.35	16.43 -0.04 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.52	13.67 0.30 -7.88	17.92 0.62 -6.56	30.92 0.42 -23.77	26.95 0.44 -20.49	29.56 1.19 -12.52	35.93 1.19 -19.22	52.79 1.42 -33.44	37.13 2.15 -7.56	43.27 3.01 0.00	60.81 4.21 0.00	38.69 2.50 -0.15	31.85 1.94 0.00	33.71 2.08 0.00	35.74 2.23 0.00	32.88 2.06 0.00	29.56 1.62 0.00

TRINITY__115KV__4 BK 55933	19.85 -0.01 -21.31	19.97 0.00 -20.86	17.33 0.05 -10.84	18.05 0.04 -13.90	20.33 -0.01 -21.15	18.86 0.00 -18.57	13.59 0.02 -11.58	15.01 0.02 -13.04	13.65 0.06 -8.10	15.92 0.10 -5.07	19.56 0.07 -12.76	24.14 0.08 -18.05	16.28 0.24 -0.19	18.94 0.25 -3.17	18.68 0.29 -0.46	27.71 0.39 0.08	40.88 0.63 0.00	57.63 1.02 0.00	36.59 0.56 0.00	30.42 0.51 0.00	32.29 0.66 -0.01	34.11 0.60 0.00	31.27 0.44 0.00	28.14 0.20 0.00
UNION__PROCESSING_DRP 323587	0.70 -0.04 -2.18	1.24 -0.02 -2.14	7.74 0.18 -1.11	5.67 0.13 -1.42	1.32 -0.03 -2.17	2.18 -0.01 -1.90	3.21 0.04 -1.19	3.34 0.06 -1.31	6.36 0.07 -0.80	11.34 0.10 -0.49	8.07 0.04 -1.31	7.89 0.02 -1.85	15.92 0.08 0.00	15.75 0.07 -0.15	18.01 0.08 0.00	27.78 0.37 0.00	40.79 0.53 0.00	57.00 0.40 0.00	36.58 0.55 0.00	30.23 0.31 0.00	31.86 0.24 0.00	34.11 0.60 0.00	31.43 0.61 0.00	28.81 0.87 0.00
UPPER HUDSON__HYD 24058	20.53 -0.06 -22.03	20.65 -0.04 -21.57	17.93 0.28 -11.20	18.68 0.19 -14.37	21.04 -0.03 -21.87	19.50 0.01 -19.20	14.04 0.08 -11.98	15.51 0.08 -13.47	14.07 0.23 -8.35	16.41 0.44 -5.22	20.15 0.22 -13.20	24.90 0.21 -18.66	16.71 0.68 -0.18	19.28 0.60 -3.15	19.09 0.72 -0.45	28.50 1.18 0.09	42.68 2.42 0.00	60.27 3.67 0.00	38.58 2.54 0.00	32.07 2.15 0.00	33.84 2.21 -0.01	35.62 2.11 0.00	32.56 1.74 0.00	29.23 1.29 0.00
UPPER RAQUET__HYD 24056	-14.13 0.18 12.87	-5.78 0.12 5.02	6.03 -0.66 -0.25	-0.11 -0.51 3.72	-6.05 0.11 5.34	0.68 -0.03 -0.42	2.08 -0.17 -0.26	1.93 -0.33 -0.29	5.06 -0.60 -0.18	9.59 -1.27 -0.11	6.23 -0.79 -0.29	5.63 -0.80 -0.41	13.66 -2.19 0.00	13.28 -2.28 -0.03	15.35 -2.58 0.00	23.49 -3.91 0.00	24.26 -6.07 9.93	44.76 -7.80 4.04	31.54 -4.50 0.00	26.15 -3.76 0.00	26.92 -4.70 0.00	21.22 -5.40 6.89	26.07 -4.75 0.00	23.73 -4.21 0.00
VALLEY44_115KV_TB2 355964	1.78 -0.06 -3.28	2.30 -0.03 -3.21	8.38 0.27 -1.67	6.45 0.20 -2.14	2.40 -0.04 -3.26	3.13 -0.02 -2.86	3.83 0.07 -1.78	4.07 0.13 -1.98	6.91 0.22 -1.20	11.95 0.46 -0.73	8.89 0.20 -1.97	8.98 0.18 -2.78	16.43 0.58 0.00	16.29 0.54 -0.23	18.52 0.60 0.00	28.65 1.24 0.00	41.88 1.63 0.00	58.10 1.50 0.00	37.05 1.02 0.00	30.52 0.61 0.00	32.12 0.50 0.00	34.62 1.11 0.00	31.95 1.12 0.00	29.25 1.31 0.00
VALLEY__115KV_TB 1-4 80826	-0.05 0.03 -1.36	-0.30 0.02 -0.56	6.29 -0.15 0.00	4.43 -0.09 -0.41	-0.20 0.02 -0.60	0.28 -0.01 0.00	1.93 -0.05 0.00	1.93 -0.04 0.00	5.42 -0.07 0.00	10.66 -0.09 0.00	6.63 -0.10 0.00	5.96 -0.06 0.00	15.73 -0.11 0.00	15.50 -0.03 0.00	17.86 -0.07 0.00	27.27 -0.13 0.00	40.24 -0.02 0.00	56.71 0.11 0.00	36.23 0.20 0.00	30.12 0.21 0.00	31.96 0.34 0.00	33.89 0.39 0.00	31.04 0.22 0.00	27.87 -0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	5.57 -0.05 -7.06	6.00 -0.03 -6.91	10.24 0.20 -3.59	8.85 0.13 -4.61	6.17 -0.03 -7.01	6.45 0.01 -6.16	5.89 0.06 -3.84	6.28 0.07 -4.25	8.26 0.19 -2.58	12.72 0.40 -1.57	11.21 0.26 -4.23	12.24 0.24 -5.98	16.51 0.66 0.00	16.69 0.67 -0.50	18.70 0.78 0.00	28.63 1.22 0.00	42.06 1.80 0.00	59.05 2.44 0.00	37.56 1.53 0.00	31.18 1.26 0.00	32.96 1.34 0.00	34.93 1.43 0.00	32.04 1.21 0.00	28.93 0.99 0.00
VISCHER__FERRY HYD 24020	20.09 -0.04 -21.57	20.22 -0.02 -21.12	17.57 0.16 -10.97	18.29 0.11 -14.07	20.58 -0.02 -21.42	19.09 0.00 -18.80	13.76 0.05 -11.73	15.22 0.05 -13.21	13.83 0.14 -8.20	16.15 0.26 -5.13	19.81 0.16 -12.92	24.43 0.15 -18.27	16.47 0.43 -0.20	19.16 0.41 -3.22	18.88 0.48 -0.47	28.01 0.72 0.12	41.45 1.19 0.00	58.47 1.86 0.00	37.19 1.16 0.00	30.92 1.01 0.00	32.82 1.20 -0.01	34.66 1.16 0.00	31.77 0.95 0.00	28.58 0.64 0.00
V_A_10_SYNC_DSASP 323832	0.96 -0.03 -2.43	1.49 -0.02 -2.38	7.86 0.18 -1.24	5.84 0.14 -1.59	1.56 -0.04 -2.42	2.39 -0.02 -2.12	3.34 0.04 -1.32	3.49 0.07 -1.46	6.41 0.04 -0.89	11.33 0.04 -0.54	8.16 -0.02 -1.46	8.04 -0.04 -2.06	15.79 -0.06 0.00	15.59 -0.11 -0.17	17.73 -0.20 0.00	27.35 -0.06 0.00	40.09 -0.17 0.00	55.71 -0.89 0.00	35.72 -0.31 0.00	29.49 -0.42 0.00	31.08 -0.54 0.00	33.48 -0.03 0.00	30.92 0.10 0.00	28.47 0.53 0.00
V_CMM_10_SYNC_DSASP 323787	-9.06 0.15 7.76	-3.77 0.10 2.99	6.07 -0.57 -0.19	1.49 -0.41 2.22	-3.91 0.08 3.18	0.58 -0.02 -0.32	2.07 -0.11 -0.20	1.88 -0.30 -0.22	5.09 -0.53 -0.13	9.68 -1.15 -0.08	6.21 -0.73 -0.22	5.58 -0.75 -0.31	13.80 -2.05 0.00	13.42 -2.14 -0.03	15.55 -2.38 0.00	23.80 -3.61 0.00	22.13 -5.72 12.40	44.05 -7.50 5.05	31.69 -4.34 0.00	26.20 -3.71 0.00	26.98 -4.64 0.00	19.69 -5.22 8.60	26.35 -4.47 0.00	24.03 -3.90 0.00
V_CMP_10_SYNC_DSASP 323788	-9.40 0.16 8.11	-3.91 0.10 3.12	6.07 -0.57 -0.19	1.39 -0.41 2.31	-4.04 0.09 3.33	0.58 -0.03 -0.32	2.06 -0.12 -0.20	1.88 -0.30 -0.22	5.15 -0.47 -0.14	9.86 -0.97 -0.08	6.34 -0.61 -0.23	5.70 -0.64 -0.32	14.18 -1.67 0.00	13.81 -1.74 -0.03	15.98 -1.94 0.00	24.57 -2.84 0.00	23.07 -4.95 12.24	44.93 -6.69 4.98	32.23 -3.80 0.00	26.67 -3.24 0.00	27.02 -4.60 0.00	19.68 -5.34 8.48	26.08 -4.74 0.00	23.81 -4.13 0.00
V_E_10_SYNC_DSASP 323830	3.71 -0.08 -5.24	4.20 -0.05 -5.13	9.50 0.39 -2.66	7.79 0.26 -3.42	4.34 -0.05 -5.20	4.87 0.02 -4.57	4.95 0.11 -2.85	5.26 0.15 -3.15	7.78 0.38 -1.91	12.63 0.71 -1.17	10.27 0.41 -3.14	10.82 0.36 -4.44	16.81 0.96 0.00	16.86 0.97 -0.37	19.08 1.16 0.00	29.43 2.03 0.00	43.44 3.19 0.00	61.26 4.66 0.00	39.44 3.41 0.00	32.83 2.92 0.00	34.77 3.15 0.00	36.76 3.25 0.00	33.46 2.63 0.00	30.24 2.30 0.00
V_F_30_NSYNC__DSASP 323816	20.46 -0.06 -21.97	20.59 -0.04 -21.51	17.88 0.26 -11.17	18.62 0.17 -14.33	20.97 -0.03 -21.81	19.44 0.01 -19.15	14.01 0.08 -11.94	15.47 0.08 -13.43	14.04 0.22 -8.33	16.39 0.43 -5.20	20.15 0.26 -13.16	24.86 0.24 -18.60	16.73 0.70 -0.18	19.36 0.68 -3.16	19.17 0.79 -0.45	28.56 1.24 0.09	42.39 2.13 0.00	59.81 3.21 0.00	38.13 2.10 0.00	31.68 1.77 0.00	33.56 1.93 -0.01	35.40 1.89 0.00	32.41 1.59 0.00	29.14 1.20 0.00
V_F_30_SYNC_DSASP 323786	20.02 -0.02 -21.48	20.14 -0.01 -21.03	17.45 0.08 -10.92	18.18 0.05 -14.01	20.50 -0.01 -21.32	19.01 0.01 -18.72	13.69 0.03 -11.68	15.12 0.02 -13.14	13.73 0.08 -8.16	16.00 0.14 -5.10	19.69 0.10 -12.87	24.32 0.10 -18.19	16.36 0.33 -0.19	19.03 0.33 -3.17	18.78 0.40 -0.46	27.86 0.54 0.08	41.12 0.86 0.00	57.96 1.36 0.00	36.81 0.77 0.00	30.60 0.68 0.00	32.46 0.83 -0.01	34.29 0.78 0.00	31.43 0.61 0.00	28.28 0.34 0.00
V_XM_10_SYNC_DSASP 323789	-9.40 0.16 8.11	-3.91 0.10 3.12	6.07 -0.57 -0.19	1.39 -0.41 2.31	-4.04 0.09 3.33	0.58 -0.03 -0.32	2.06 -0.12 -0.20	1.88 -0.30 -0.22	5.15 -0.47 -0.14	9.86 -0.97 -0.08	6.34 -0.61 -0.23	5.70 -0.64 -0.32	14.18 -1.67 0.00	13.81 -1.74 -0.03	15.98 -1.94 0.00	24.57 -2.84 0.00	23.07 -4.95 12.24	44.93 -6.69 4.98	32.23 -3.80 0.00	26.67 -3.24 0.00	27.02 -4.60 0.00	19.68 -5.34 8.48	26.08 -4.74 0.00	23.81 -4.13 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.27 -0.07 -16.79	15.51 -0.04 -16.43	15.24 0.26 -8.54	15.22 0.15 -10.95	15.83 -0.03 -16.67	14.93 0.01 -14.63	11.17 0.06 -9.13	10.54 0.07 -8.51	9.53 0.22 -3.82	12.64 0.46 -1.43	17.12 0.34 -10.06	20.60 0.36 -14.22	15.44 0.98 1.39	5.66 1.00 10.86	15.77 1.22 3.37	29.29 1.81 -0.08	42.79 2.53 0.00	60.11 3.52 0.00	38.06 2.03 0.00	31.52 1.60 0.00	33.32 1.69 0.00	35.31 1.81 0.00	32.39 1.57 0.00	29.07 1.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.59 0.30 -8.85	15.64 0.18 -11.35	16.43 -0.03 -17.27	15.46 0.02 -15.16	11.52 0.08 -9.46	13.58 0.09 -11.53	13.65 0.27 -7.89	16.72 0.55 -5.42	17.53 0.38 -10.42	21.16 0.41 -14.73	17.91 1.14 -0.93	25.92 1.15 -9.25	21.58 1.41 -2.24	29.55 2.05 -0.09	43.09 2.83 0.00	60.47 3.87 0.00	38.22 2.19 0.00	31.66 1.74 0.00	33.50 1.87 0.00	35.51 2.00 0.00	32.57 1.75 0.00	29.25 1.31 0.00
W50THST__13_KV_LOAD 356117	15.86 -0.09 -17.40	16.09 -0.05 -17.03	15.62 0.33 -8.85	15.66 0.20 -11.35	16.43 -0.03 -17.27	15.47 0.02 -15.16	11.53 0.09 -9.46	13.59 0.10 -11.53	13.68 0.30 -7.89	16.78 0.61 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.02 1.25 -9.25	21.69 1.53 -2.24	29.73 2.24 -0.09	43.36 3.11 0.00	60.80 4.20 0.00	38.41 2.38 0.00	31.82 1.91 0.00	33.70 2.07 0.00	35.71 2.21 0.00	32.76 1.94 0.00	29.42 1.48 0.00
WADING RIVER_IC_1 23522	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.83 0.53 -8.85	15.79 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.47 -7.88	18.26 0.95 -6.56	31.11 0.62 -23.77	27.13 0.62 -20.49	30.04 1.67 -12.52	36.41 1.67 -19.22	53.35 1.98 -33.44	38.01 3.04 -7.57	44.53 4.28 0.00	62.69 6.08 0.00	39.98 3.80 -0.15	32.86 2.95 0.00	34.74 3.12 0.00	36.80 3.29 0.00	33.90 3.07 0.00	30.45 2.52 0.00
WADING RIVER_IC_2 23547	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.83 0.53 -8.85	15.79 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.47 -7.88	18.26 0.95 -6.56	31.11 0.62 -23.77	27.13 0.62 -20.49	30.04 1.67 -12.52	36.41 1.67 -19.22	53.35 1.98 -33.44	38.01 3.04 -7.57	44.53 4.28 0.00	62.69 6.08 0.00	39.98 3.80 -0.15	32.86 2.95 0.00	34.74 3.12 0.00	36.80 3.29 0.00	33.90 3.07 0.00	30.45 2.52 0.00
WADING RIVER_IC_3 23601	16.09 -0.14 -17.67	18.63 -0.09 -19.60	15.83 0.53 -8.85	15.79 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.47 -7.88	18.26 0.95 -6.56	31.11 0.62 -23.77	27.13 0.62 -20.49	30.04 1.67 -12.52	36.41 1.67 -19.22	53.35 1.98 -33.44	38.01 3.04 -7.57	44.53 4.28 0.00	62.69 6.08 0.00	39.98 3.80 -0.15	32.86 2.95 0.00	34.74 3.12 0.00	36.80 3.29 0.00	33.90 3.07 0.00	30.45 2.52 0.00
WALDENNY_I2_KV_BK2 80841	1.42 -0.05 -2.92	1.94 -0.03 -2.85	8.21 0.28 -1.48	6.23 0.22 -1.90	2.03 -0.05 -2.89	2.82 -0.01 -2.54	3.64 0.07 -1.58	3.83 0.12 -1.76	6.70 0.14 -1.06	11.66 0.26 -0.65	8.59 0.11 -1.75	8.59 0.10 -2.47	16.18 0.34 0.00	15.99 0.26 -0.21	18.16 0.24 0.00	28.11 0.70 0.00	41.20 0.94 0.00	57.17 0.57 0.00	36.59 0.55 0.00	30.19 0.27 0.00	31.81 0.19 0.00	34.32 0.81 0.00	31.70 0.88 0.00	29.21 1.27 0.00
WALDEN___HYDRO 24148	15.37 -0.07 -16.89	15.61 -0.04 -16.53	15.30 0.27 -8.59	15.29 0.16 -11.02	15.93 -0.03 -16.76	15.02 0.01 -14.72	11.23 0.07 -9.18	11.87 0.08 -9.83	11.40 0.22 -5.69	14.47 0.44 -3.28	17.15 0.31 -10.12	20.65 0.33 -14.30	16.44 0.88 0.29	15.13 0.90 1.30	18.38 1.15 0.70	29.15 1.67 -0.07	42.72 2.46 0.00	60.23 3.63 0.00	38.17 2.14 0.00	31.68 1.76 0.00	33.55 1.93 0.00	35.53 2.02 0.00	32.53 1.71 0.00	29.20 1.26 0.00
WARRENSBURG____ 23737	20.53 -0.06 -22.03	20.65 -0.04 -21.57	17.93 0.28 -11.20	18.68 0.19 -14.37	21.04 -0.03 -21.87	19.50 0.01 -19.20	14.04 0.08 -11.98	15.51 0.08 -13.47	14.07 0.23 -8.35	16.41 0.44 -5.22	20.15 0.22 -13.20	24.90 0.21 -18.66	16.71 0.68 -0.18	19.28 0.60 -3.15	19.09 0.72 -0.45	28.50 1.18 0.09	42.68 2.42 0.00	60.27 3.67 0.00	38.58 2.54 0.00	32.07 2.15 0.00	33.84 2.21 -0.01	35.62 2.11 0.00	32.56 1.74 0.00	29.23 1.29 0.00
WATERSIDE___6 8 9 23538	15.87 -0.08 -17.40	16.10 -0.05 -17.03	15.61 0.32 -8.85	15.66 0.19 -11.35	16.43 -0.03 -17.27	15.47 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.74 0.57 -5.42	17.55 0.40 -10.42	21.18 0.42 -14.73	17.94 1.17 -0.93	25.95 1.18 -9.24	21.60 1.44 -2.24	29.59 2.10 -0.09	43.10 2.85 0.00	60.47 3.87 0.00	38.24 2.21 0.00	31.71 1.79 0.00	33.57 1.95 0.00	35.59 2.09 0.00	32.65 1.83 0.00	29.33 1.39 0.00
WATKINRD_115KV_LN8_ILLION 55919	-0.06 0.02 -1.36	-0.31 0.01 -0.56	6.36 -0.08 0.00	4.47 -0.05 -0.41	-0.21 0.01 -0.60	0.28 -0.01 0.00	1.96 -0.03 0.00	1.94 -0.02 0.00	5.44 -0.05 0.00	10.68 -0.07 0.00	6.66 -0.07 0.00	5.97 -0.05 0.00	15.75 -0.10 0.00	15.48 -0.05 0.00	17.84 -0.08 0.00	27.25 -0.15 0.00	40.16 -0.10 0.00	56.56 -0.04 0.00	36.11 0.07 0.00	30.02 0.11 0.00	31.81 0.19 0.00	33.71 0.20 0.00	30.90 0.08 0.00	27.84 -0.10 0.00
WATSON___69_KV_BK 1 55734	16.09 -0.14 -17.67	18.63 -0.09 -19.59	15.82 0.53 -8.85	15.78 0.32 -11.35	16.40 -0.06 -17.27	15.49 0.04 -15.16	11.59 0.15 -9.46	13.64 0.16 -11.52	13.83 0.46 -7.88	18.24 0.93 -6.56	31.11 0.62 -23.77	27.14 0.63 -20.49	30.06 1.68 -12.52	36.43 1.68 -19.22	53.36 1.99 -33.44	38.00 3.02 -7.56	44.50 4.25 0.00	62.60 6.00 0.00	39.92 3.74 -0.15	32.83 2.92 0.00	34.79 3.17 0.00	36.86 3.35 0.00	33.92 3.10 0.00	30.46 2.52 0.00
WDELAWARE___HYD 323627	14.14 -0.06 -15.64	14.40 -0.04 -15.31	14.60 0.20 -7.95	14.43 0.12 -10.20	14.70 -0.02 -15.53	13.93 0.01 -13.63	10.53 0.04 -8.50	11.18 0.06 -9.16	11.01 0.17 -5.35	14.23 0.35 -3.13	16.34 0.24 -9.37	19.52 0.25 -13.25	16.36 0.73 0.22	15.54 0.77 0.76	18.34 0.93 0.52	28.90 1.45 -0.05	42.48 2.23 0.00	59.95 3.36 0.00	38.07 2.04 0.00	31.58 1.67 0.00	33.38 1.75 0.00	35.32 1.81 0.00	32.31 1.49 0.00	28.99 1.05 0.00
WEST BABYLON___IC 23714	16.09 -0.13 -17.67	18.63 -0.08 -19.59	15.79 0.50 -8.85	15.76 0.30 -11.35	16.41 -0.06 -17.27	15.48 0.03 -15.16	11.58 0.14 -9.46	13.63 0.15 -11.52	13.80 0.43 -7.88	18.18 0.87 -6.56	31.07 0.58 -23.77	27.10 0.59 -20.49	29.97 1.60 -12.52	36.34 1.59 -19.22	53.26 1.89 -33.44	37.85 2.88 -7.56	44.32 4.07 0.00	62.34 5.73 0.00	39.74 3.56 -0.15	32.68 2.77 0.00	34.63 3.00 0.00	36.69 3.19 0.00	33.76 2.94 0.00	30.32 2.38 0.00
WEST CANADA___HYD 24049	-0.07 0.01 -1.36	-0.31 0.01 -0.56	6.41 -0.04 0.00	4.50 -0.03 -0.41	-0.21 0.00 -0.60	0.29 0.00 0.00	1.97 -0.01 0.00	1.95 -0.01 0.00	5.46 -0.03 0.00	10.70 -0.05 0.00	6.69 -0.03 0.00	5.99 -0.03 0.00	15.77 -0.08 0.00	15.44 -0.09 0.00	17.82 -0.10 0.00	27.26 -0.15 0.00	40.04 -0.22 0.00	56.32 -0.28 0.00	35.89 -0.15 0.00	29.79 -0.12 0.00	31.47 -0.15 0.00	33.33 -0.18 0.00	30.64 -0.18 0.00	27.77 -0.16 0.00

WESTERN_NY_WIND 24143	1.01 -0.07 -2.52	1.55 -0.04 -2.47	8.07 0.35 -1.28	6.02 0.26 -1.64	1.62 -0.07 -2.50	2.47 -0.01 -2.19	3.45 0.10 -1.37	3.62 0.14 -1.51	6.58 0.17 -0.92	11.57 0.26 -0.56	8.33 0.10 -1.51	8.24 0.09 -2.13	16.34 0.50 0.00	16.03 0.33 -0.18	18.17 0.25 0.00	28.14 0.73 0.00	41.32 1.07 0.00	57.65 1.05 0.00	37.23 1.20 0.00	30.73 0.82 0.00	32.41 0.79 0.00	34.89 1.38 0.00	32.14 1.33 0.00	29.61 1.67 0.00
WESTOVER___LESR 323668	4.04 -0.03 -5.51	4.50 -0.02 -5.40	9.37 0.12 -2.80	7.80 0.09 -3.60	4.65 -0.01 -5.47	5.10 0.02 -4.81	5.02 0.04 -3.00	5.33 0.06 -3.32	7.62 0.12 -2.01	12.21 0.23 -1.23	10.17 0.14 -3.30	10.82 0.13 -4.67	16.21 0.36 0.00	16.28 0.37 -0.39	18.36 0.44 0.00	28.21 0.80 0.00	41.41 1.15 0.00	57.94 1.33 0.00	36.88 0.85 0.00	30.56 0.64 0.00	32.27 0.64 0.00	34.35 0.85 0.00	31.58 0.76 0.00	28.64 0.70 0.00
WETHRSFD_WT_PWR 323626	1.81 -0.01 -3.27	2.31 -0.01 -3.20	8.22 0.11 -1.66	6.35 0.10 -2.13	2.41 -0.02 -3.24	3.12 -0.01 -2.85	3.77 0.01 -1.78	4.00 0.07 -1.97	6.76 0.07 -1.19	11.67 0.19 -0.73	8.76 0.07 -1.96	8.84 0.06 -2.77	16.05 0.20 0.00	15.91 0.15 -0.23	18.05 0.13 0.00	27.92 0.51 0.00	40.93 0.67 0.00	56.98 0.37 0.00	36.43 0.39 0.00	30.09 0.18 0.00	31.73 0.11 0.00	34.08 0.58 0.00	31.49 0.67 0.00	28.87 0.92 0.00
WHAVSTOR_138KV_BK127 55557	15.30 -0.06 -16.81	15.54 -0.04 -16.45	15.22 0.22 -8.55	15.21 0.14 -10.96	15.85 -0.02 -16.69	14.95 0.01 -14.65	11.17 0.05 -9.14	10.52 0.06 -8.50	9.48 0.19 -3.80	12.55 0.40 -1.40	17.09 0.30 -10.07	20.58 0.33 -14.23	15.33 0.89 1.41	5.41 0.90 11.01	15.61 1.10 3.41	29.10 1.61 -0.08	42.48 2.22 0.00	59.67 3.07 0.00	37.79 1.76 0.00	31.30 1.38 0.00	33.09 1.46 0.00	35.08 1.57 0.00	32.18 1.36 0.00	28.88 0.94 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.30 -0.06 -16.81	15.54 -0.04 -16.45	15.22 0.22 -8.55	15.21 0.14 -10.96	15.85 -0.02 -16.69	14.95 0.01 -14.65	11.17 0.05 -9.14	10.52 0.06 -8.50	9.48 0.19 -3.80	12.55 0.40 -1.40	17.09 0.30 -10.07	20.58 0.33 -14.23	15.33 0.89 1.41	5.41 0.90 11.01	15.61 1.10 3.41	29.10 1.61 -0.08	42.48 2.22 0.00	59.67 3.07 0.00	37.79 1.76 0.00	31.30 1.38 0.00	33.09 1.46 0.00	35.08 1.57 0.00	32.18 1.36 0.00	28.88 0.94 0.00
WHITEHAL_115KV_TB1 80871	20.46 -0.09 -22.00	20.60 -0.06 -21.54	18.11 0.47 -11.19	18.80 0.33 -14.35	21.00 -0.04 -21.85	19.48 0.02 -19.18	14.08 0.13 -11.96	15.54 0.13 -13.45	14.15 0.32 -8.34	16.56 0.60 -5.21	20.30 0.39 -13.18	24.98 0.33 -18.63	16.98 0.95 -0.18	19.59 0.91 -3.15	19.43 1.06 -0.45	29.13 1.81 0.09	44.07 3.81 0.00	62.24 5.63 0.00	39.90 3.86 0.00	33.22 3.30 0.00	34.65 3.03 -0.01	36.19 2.68 0.00	33.09 2.28 0.00	29.65 1.71 0.00
WHITEPLN_13_KV_LOAD 356215	15.83 -0.08 -17.36	16.06 -0.05 -16.99	15.60 0.33 -8.83	15.63 0.20 -11.33	16.39 -0.03 -17.23	15.43 0.02 -15.13	11.50 0.08 -9.44	13.63 0.10 -11.58	13.75 0.29 -7.98	16.85 0.58 -5.51	17.54 0.41 -10.40	21.15 0.43 -14.70	18.01 1.18 -0.99	26.50 1.20 -9.78	21.78 1.46 -2.39	29.67 2.18 -0.09	43.34 3.09 0.00	60.91 4.31 0.00	38.56 2.52 0.00	31.93 2.02 0.00	33.78 2.15 0.00	35.78 2.27 0.00	32.79 1.97 0.00	29.44 1.50 0.00
WM_FLOYD_69_KV_BK2 356380	16.09 -0.14 -17.67	18.63 -0.08 -19.59	15.82 0.52 -8.85	15.78 0.31 -11.35	16.41 -0.06 -17.27	15.49 0.03 -15.16	11.59 0.14 -9.46	13.64 0.16 -11.52	13.82 0.45 -7.88	18.22 0.91 -6.56	31.08 0.59 -23.77	27.10 0.60 -20.49	29.97 1.59 -12.52	36.34 1.59 -19.22	53.27 1.91 -33.44	37.89 2.92 -7.56	44.38 4.12 0.00	62.46 5.86 0.00	39.84 3.66 -0.15	32.76 2.84 0.00	34.64 3.01 0.00	36.69 3.18 0.00	33.80 2.98 0.00	30.38 2.44 0.00
WOODARD___115KV_TB2 355635	0.18 0.00 -1.62	0.71 0.00 -1.59	7.26 -0.01 -0.83	5.17 -0.01 -1.06	0.80 0.00 -1.61	1.70 0.00 -1.42	2.86 -0.01 -0.88	2.94 0.00 -0.98	6.07 -0.01 -0.59	11.09 -0.02 -0.36	7.68 -0.02 -0.97	7.36 -0.04 -1.38	15.74 -0.11 0.00	15.54 -0.11 -0.12	17.79 -0.14 0.00	27.22 -0.18 0.00	39.76 -0.25 0.24	56.11 -0.39 0.10	35.85 -0.18 0.00	29.75 -0.17 0.00	31.43 -0.20 0.00	33.19 -0.15 0.17	30.75 -0.07 0.00	28.02 0.08 0.00
YORK___WARBASSE 23770	15.86 -0.09 -17.40	16.10 -0.05 -17.03	15.62 0.33 -8.85	15.65 0.19 -11.35	16.43 -0.03 -17.27	15.48 0.03 -15.16	11.52 0.08 -9.46	13.59 0.10 -11.53	13.67 0.29 -7.89	16.76 0.59 -5.42	17.57 0.42 -10.42	21.20 0.45 -14.73	18.01 1.24 -0.93	26.01 1.24 -9.24	21.69 1.52 -2.24	29.71 2.22 -0.09	43.27 3.01 0.00	60.74 4.14 0.00	38.43 2.39 0.00	31.83 1.92 0.00	33.74 2.11 0.00	35.81 2.30 0.00	32.84 2.01 0.00	29.52 1.58 0.00