

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/20/2023

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	22.18	20.79	19.64	19.46	20.01	22.14	29.32	36.97	35.50	31.98	32.67	32.54	32.00	32.28	31.77	31.66	32.12	39.58	39.75	36.85	31.17	29.06	28.09	24.66
24138	0.41	0.38	0.33	0.32	0.31	0.37	1.02	1.97	1.70	1.72	2.24	2.26	1.95	1.76	1.70	1.74	1.73	1.83	2.73	2.66	2.20	1.91	1.25	1.65
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.83	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.73	-11.19	-17.23	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06
74TH STREET_GT_1	22.16	20.78	19.63	19.44	20.00	22.12	29.27	36.84	35.44	31.92	32.59	32.49	31.93	32.22	31.72	31.60	32.05	39.50	39.60	36.73	31.09	29.01	28.06	24.59
24260	0.40	0.36	0.32	0.30	0.30	0.35	0.97	1.84	1.64	1.66	2.16	2.21	1.89	1.71	1.64	1.69	1.65	1.74	2.58	2.54	2.12	1.86	1.22	1.58
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.07
74TH STREET_GT_2	22.16	20.78	19.63	19.44	20.00	22.12	29.27	36.84	35.44	31.92	32.59	32.49	31.93	32.22	31.72	31.60	32.05	39.50	39.60	36.73	31.09	29.01	28.06	24.59
24261	0.40	0.36	0.32	0.30	0.30	0.35	0.97	1.84	1.64	1.66	2.16	2.21	1.89	1.71	1.64	1.69	1.65	1.74	2.58	2.54	2.12	1.86	1.22	1.58
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.07
ADK HUDSON___FALLS	25.87	24.31	22.98	22.82	23.49	25.93	32.63	39.45	38.54	33.95	33.23	33.01	33.40	34.34	33.98	33.66	34.28	43.26	40.73	37.27	31.28	29.18	29.92	24.14
24011	0.29	0.25	0.22	0.21	0.23	0.29	0.81	1.41	1.31	1.41	1.67	1.69	1.40	1.14	1.11	1.17	1.19	1.35	2.01	1.95	1.68	1.49	0.92	1.19
	-19.68	-18.77	-17.78	-17.86	-18.34	-19.94	-18.36	-15.64	-17.65	-12.04	-5.80	-5.35	-10.06	-13.81	-14.43	-13.31	-13.88	-21.38	-8.76	-5.82	-3.37	-2.87	-11.40	0.00
ADK RESOURCE___RCVRY	25.89	24.32	23.00	22.84	23.51	25.96	32.70	39.63	38.66	34.07	33.39	33.17	33.51	34.42	34.05	33.74	34.36	43.34	40.88	37.45	31.44	29.29	29.99	24.11
23798	0.31	0.26	0.24	0.23	0.25	0.31	0.87	1.59	1.43	1.54	1.83	1.84	1.51	1.22	1.16	1.25	1.27	1.44	2.16	2.13	1.84	1.59	0.99	1.17
	-19.69	-18.78	-17.79	-17.86	-18.35	-19.95	-18.36	-15.64	-17.66	-12.04	-5.80	-5.36	-10.06	-13.82	-14.44	-13.32	-13.88	-21.38	-8.76	-5.82	-3.37	-2.87	-11.40	0.00
ADK S GLENS___FALLS	25.87	24.31	22.98	22.82	23.49	25.93	32.63	39.45	38.54	33.95	33.23	33.01	33.40	34.34	33.98	33.66	34.28	43.26	40.73	37.27	31.28	29.18	29.92	24.14
24028	0.29	0.25	0.22	0.21	0.23	0.29	0.81	1.41	1.31	1.41	1.67	1.69	1.40	1.14	1.11	1.17	1.19	1.35	2.01	1.95	1.68	1.49	0.92	1.19
	-19.68	-18.77	-17.78	-17.86	-18.34	-19.94	-18.36	-15.64	-17.65	-12.04	-5.80	-5.35	-10.06	-13.81	-14.43	-13.31	-13.88	-21.38	-8.76	-5.82	-3.37	-2.87	-11.40	0.00
ADK_NYS___DAM	25.20	23.69	22.40	22.23	22.88	25.26	31.96	38.85	37.76	33.30	32.79	32.61	32.89	33.83	33.48	33.17	33.77	42.45	40.33	36.92	31.11	29.08	29.48	24.07
23527	0.32	0.29	0.26	0.26	0.27	0.32	0.78	1.37	1.15	1.19	1.44	1.48	1.25	1.12	1.11	1.15	1.17	1.31	1.92	1.80	1.63	1.49	0.88	1.12
	-18.99	-18.11	-17.16	-17.23	-17.70	-19.24	-17.71	-15.08	-17.03	-11.61	-5.60	-5.16	-9.70	-13.32	-13.92	-12.84	-13.39	-20.62	-8.45	-5.61	-3.25	-2.77	-10.99	0.00
AIR_PRODUCTS___DRP	25.21	23.70	22.42	22.26	22.91	25.29	31.72	38.22	37.29	32.75	32.04	31.82	32.30	33.33	33.01	32.67	33.25	41.94	39.32	35.95	30.18	28.22	29.05	23.40
24190	0.11	0.10	0.09	0.09	0.10	0.13	0.34	0.56	0.49	0.51	0.62	0.62	0.55	0.47	0.48	0.50	0.50	0.55	0.81	0.77	0.66	0.60	0.32	0.46
	-19.21	-18.32	-17.35	-17.42	-17.90	-19.46	-17.91	-15.26	-17.23	-11.75	-5.66	-5.22	-9.81	-13.48	-14.08	-12.99	-13.54	-20.87	-8.55	-5.68	-3.29	-2.81	-11.12	0.00
AKWESSNE_115KV_BK	5.76	5.18	4.89	4.66	4.82	5.56	13.09	21.75	19.00	19.94	25.11	25.29	21.33	18.84	17.93	18.64	18.65	19.95	29.19	28.77	25.60	24.25	17.22	22.39
355683	-0.14	-0.11	-0.08	-0.09	-0.10	-0.14	-0.38	-0.65	-0.57	-0.55	-0.64	-0.68	-0.61	-0.54	-0.52	-0.54	-0.56	-0.57	-0.78	-0.74	-0.63	-0.57	-0.39	-0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	25.21	23.70	22.42	22.26	22.91	25.29	31.72	38.22	37.29	32.75	32.04	31.82	32.30	33.33	33.01	32.67	33.25	41.94	39.32	35.95	30.18	28.22	29.05	23.40
23571	0.11	0.10	0.09	0.09	0.10	0.13	0.34	0.56	0.49	0.51	0.62	0.62	0.55	0.47	0.48	0.50	0.50	0.55	0.81	0.77	0.66	0.60	0.32	0.46
	-19.21	-18.32	-17.35	-17.42	-17.90	-19.46	-17.91	-15.26	-17.23	-11.75	-5.66	-5.22	-9.81	-13.48	-14.08	-12.99	-13.54	-20.87	-8.55	-5.68	-3.29	-2.81	-11.12	0.00
ALBANY___2	25.21	23.70	22.42	22.26	22.91	25.29	31.72	38.22	37.29	32.75	32.04	31.82	32.30	33.33	33.01	32.67	33.25	41.94	39.32	35.95	30.18	28.22	29.05	23.40
23572	0.11	0.10	0.09	0.09	0.10	0.13	0.34	0.56	0.49	0.51	0.62	0.62	0.55	0.47	0.48	0.50	0.50	0.55	0.81	0.77	0.66	0.60	0.32	0.46
	-19.21	-18.32	-17.35	-17.42	-17.90	-19.46	-17.91	-15.26	-17.23	-11.75	-5.66	-5.22	-9.81	-13.48	-14.08	-12.99	-13.54	-20.87	-8.55	-5.68	-3.29	-2.81	-11.12	0.00
ALBANY___3	25.21	23.70	22.42	22.26	22.91	25.29	31.72	38.22	37.29	32.75	32.04	31.82	32.30	33.33	33.01	32.67	33.25	41.94	39.32	35.95	30.18	28.22	29.05	23.40
23573	0.11	0.10	0.09	0.09	0.10	0.13	0.34	0.56	0.49	0.51	0.62	0.62	0.55	0.47	0.48	0.50	0.50	0.55	0.81	0.77	0.66	0.60	0.32	0.46
	-19.21	-18.32	-17.35	-17.42	-17.90	-19.46	-17.91	-15.26	-17.23	-11.75	-5.66	-5.22	-9.81	-13.48	-14.08	-12.99	-13.54	-20.87	-8.55	-5.68	-3.29	-2.81	-11.12	0.00

ALBANY___4 23574	25.21 0.11 -19.21	23.70 0.10 -18.32	22.42 0.09 -17.35	22.26 0.09 -17.42	22.91 0.10 -17.90	25.29 0.13 -19.46	31.72 0.34 -17.91	38.22 0.56 -15.26	37.29 0.49 -17.23	32.75 0.51 -11.75	32.04 0.62 -5.66	31.82 0.62 -5.22	32.30 0.55 -9.81	33.33 0.47 -13.48	33.01 0.48 -14.08	32.67 0.50 -12.99	33.25 0.50 -13.54	41.94 0.55 -20.87	39.32 0.81 -8.55	35.95 0.77 -5.68	30.18 0.66 -3.29	28.22 0.60 -2.81	29.05 0.32 -11.12	23.40 0.46 0.00
ALBANY___LFGE 323615	25.38 0.16 -19.32	23.86 0.14 -18.43	22.56 0.13 -17.46	22.41 0.13 -17.53	23.06 0.14 -18.01	25.46 0.18 -19.58	31.94 0.46 -18.02	38.51 0.76 -15.35	37.59 0.68 -17.33	33.03 0.72 -11.82	32.33 0.88 -5.70	32.13 0.91 -5.26	32.58 0.77 -9.87	33.60 0.66 -13.56	33.28 0.66 -14.17	32.94 0.69 -13.07	33.53 0.69 -13.63	42.27 0.76 -20.99	39.67 1.11 -8.60	36.28 1.06 -5.71	30.46 0.92 -3.31	28.49 0.84 -2.82	29.27 0.48 -11.19	23.59 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	5.79 -0.11 0.00	5.21 -0.08 0.00	4.91 -0.06 0.00	4.68 -0.07 0.00	4.84 -0.08 0.00	5.58 -0.11 0.00	13.13 -0.34 0.00	21.82 -0.58 0.00	19.04 -0.53 0.00	20.00 -0.49 0.00	25.21 -0.54 0.00	25.35 -0.62 0.00	21.35 -0.59 0.00	18.86 -0.52 0.00	17.95 -0.50 0.00	18.66 -0.52 0.00	18.65 -0.56 0.00	19.97 -0.55 0.00	29.22 -0.75 0.00	28.80 -0.71 0.00	25.66 -0.58 0.00	24.32 -0.50 0.00	17.29 -0.32 0.00	22.48 -0.46 0.00
ALCOA_RYNLDS___DRP 24188	5.79 -0.11 0.00	5.21 -0.08 0.00	4.91 -0.06 0.00	4.68 -0.07 0.00	4.84 -0.08 0.00	5.58 -0.11 0.00	13.13 -0.34 0.00	21.82 -0.58 0.00	19.04 -0.53 0.00	20.00 -0.49 0.00	25.21 -0.54 0.00	25.35 -0.62 0.00	21.35 -0.59 0.00	18.86 -0.52 0.00	17.95 -0.50 0.00	18.66 -0.52 0.00	18.65 -0.56 0.00	19.97 -0.55 0.00	29.22 -0.75 0.00	28.80 -0.71 0.00	25.66 -0.58 0.00	24.32 -0.50 0.00	17.29 -0.32 0.00	22.48 -0.46 0.00
ALCOA___DSASP 323711	5.78 -0.11 0.00	5.21 -0.08 0.00	4.92 -0.06 0.00	4.68 -0.07 0.00	4.84 -0.08 0.00	5.58 -0.11 0.00	13.13 -0.34 0.00	21.82 -0.58 0.00	19.04 -0.53 0.00	20.00 -0.49 0.00	25.21 -0.54 0.00	25.35 -0.62 0.00	21.35 -0.59 0.00	18.86 -0.52 0.00	17.95 -0.50 0.00	18.66 -0.52 0.00	18.65 -0.56 0.00	19.97 -0.55 0.00	29.22 -0.75 0.00	28.80 -0.71 0.00	25.66 -0.58 0.00	24.32 -0.50 0.00	17.29 -0.32 0.00	22.53 -0.41 0.00
ALLEGHENY___COGEN 23514	11.04 0.38 -4.76	10.14 0.32 -4.54	9.51 0.23 -4.30	9.30 0.24 -4.32	9.60 0.26 -4.43	10.92 0.40 -4.82	18.86 0.96 -4.44	27.61 1.43 -3.78	25.09 1.25 -4.27	24.45 1.04 -2.91	28.14 0.98 -1.40	28.30 1.04 -1.29	25.36 0.99 -2.43	23.62 0.89 -3.34	22.84 0.90 -3.49	23.41 1.02 -3.22	23.68 1.11 -3.36	26.94 1.27 -5.15	34.14 2.07 -2.11	32.91 2.01 -1.40	28.80 1.76 -0.81	27.10 1.59 -0.69	21.46 1.11 -2.74	24.34 1.40 0.00
ALTAMONT_115KV_TB 2 55880	25.32 0.20 -19.23	23.80 0.18 -18.34	22.51 0.16 -17.37	22.35 0.16 -17.44	23.00 0.16 -17.92	25.38 0.20 -19.48	31.88 0.48 -17.93	38.50 0.83 -15.28	37.54 0.72 -17.25	33.01 0.76 -11.76	32.35 0.93 -5.67	32.13 0.93 -5.23	32.58 0.81 -9.82	33.57 0.70 -13.49	33.25 0.70 -14.10	32.91 0.73 -13.01	33.50 0.73 -13.56	42.19 0.78 -20.89	39.66 1.14 -8.56	36.31 1.12 -5.68	30.52 1.00 -3.29	28.55 0.92 -2.81	29.31 0.56 -11.14	23.70 0.76 0.00
ALTONA_WT_PWR 323606	5.75 -0.15 0.00	5.18 -0.11 0.00	4.87 -0.11 0.00	4.61 -0.14 0.00	4.77 -0.14 0.00	5.53 -0.17 0.00	13.06 -0.40 0.00	21.68 -0.72 0.00	18.93 -0.65 0.00	19.88 -0.61 0.00	25.29 -0.46 0.00	25.45 -0.52 0.00	21.39 -0.55 0.00	18.84 -0.54 0.00	17.93 -0.52 0.00	18.70 -0.48 0.00	18.77 -0.44 0.00	20.19 -0.33 0.00	29.52 -0.45 0.00	29.03 -0.47 0.00	25.84 -0.39 0.00	24.40 -0.42 0.00	17.42 -0.19 0.00	22.62 -0.32 0.00
AMERICAN_REF_FUEL 24010	10.54 0.12 -4.51	9.68 0.09 -4.31	9.04 -0.01 -4.08	8.86 0.02 -4.10	9.15 0.02 -4.21	10.41 0.14 -4.57	17.73 0.05 -4.21	25.34 -0.65 -3.59	23.21 -0.41 -4.05	22.68 -0.57 -2.76	26.08 -1.00 -1.33	26.37 -0.83 -1.23	23.81 -0.44 -2.31	22.16 -0.39 -3.17	21.44 -0.31 -3.31	21.91 -0.33 -3.05	22.05 -0.35 -3.18	24.91 -0.49 -4.88	30.98 -0.99 -2.00	29.83 -1.00 -1.33	26.24 -0.76 -0.77	24.86 -0.62 -0.66	19.89 -0.32 -2.60	22.81 -0.14 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	10.79 0.08 -4.82	9.91 0.03 -4.60	9.25 -0.07 -4.35	9.08 -0.04 -4.37	9.38 -0.03 -4.49	10.69 0.11 -4.88	18.07 0.11 -4.49	25.94 -0.29 -3.83	23.86 -0.04 -4.32	23.26 -0.18 -2.95	26.74 -0.44 -1.42	27.10 -0.18 -1.31	24.62 0.22 -2.46	23.02 0.25 -3.38	22.29 0.31 -3.53	22.84 0.40 -3.26	23.09 0.48 -3.40	26.16 0.43 -5.21	32.58 0.48 -2.13	31.34 0.41 -1.42	27.45 0.39 -0.82	25.97 0.45 -0.70	20.72 0.33 -2.78	23.91 0.96 0.00
ARTHUR_KILL_GT_1 23520	22.15 0.38 -15.87	20.80 0.39 -15.13	19.64 0.34 -14.33	19.45 0.31 -14.39	20.00 0.30 -14.78	22.07 0.31 -16.06	29.21 0.92 -14.83	36.54 1.54 -12.59	34.55 1.41 -13.57	31.75 1.50 -9.76	32.47 2.03 -4.68	32.34 2.05 -4.31	31.82 1.78 -8.10	32.12 1.61 -11.13	31.63 1.55 -11.63	31.50 1.59 -10.74	31.93 1.54 -11.19	39.36 1.62 -17.22	39.35 2.34 -7.05	36.43 2.24 -4.68	30.93 1.97 -2.73	28.89 1.74 -2.33	27.96 1.13 -9.23	24.52 1.51 -0.06
ARTHUR_KILL_2 23512	22.14 0.37 -15.87	20.79 0.38 -15.13	19.63 0.33 -14.33	19.44 0.30 -14.39	19.99 0.29 -14.78	22.06 0.30 -16.06	29.17 0.87 -14.83	36.47 1.48 -12.59	34.49 1.35 -13.57	31.69 1.43 -9.76	32.41 1.98 -4.68	32.26 1.97 -4.31	31.76 1.71 -8.10	32.07 1.55 -11.13	31.57 1.49 -11.63	31.45 1.53 -10.74	31.87 1.48 -11.19	39.30 1.56 -17.22	39.26 2.25 -7.05	36.34 2.15 -4.68	30.86 1.89 -2.73	28.84 1.69 -2.33	27.91 1.07 -9.23	24.48 1.47 -0.06
ARTHUR_KILL_3 23513	22.11 0.34 -15.87	20.74 0.32 -15.13	19.59 0.28 -14.33	19.40 0.27 -14.39	19.96 0.27 -14.78	22.07 0.30 -16.07	29.15 0.85 -14.84	36.63 1.63 -12.60	34.54 1.39 -13.58	31.69 1.43 -9.76	32.31 1.88 -4.68	32.18 1.89 -4.31	31.69 1.65 -8.10	32.01 1.49 -11.13	31.54 1.46 -11.63	31.41 1.50 -10.73	31.85 1.46 -11.19	39.25 1.50 -17.23	39.30 2.28 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.74 1.59 -2.33	27.86 1.02 -9.23	24.36 1.35 -0.06
ARTHUR_KILL_COGEN 323718	22.15 0.38 -15.87	20.80 0.39 -15.13	19.64 0.34 -14.33	19.45 0.31 -14.39	20.00 0.30 -14.78	22.07 0.31 -16.06	29.21 0.92 -14.83	36.54 1.54 -12.59	34.55 1.41 -13.57	31.75 1.50 -9.76	32.47 2.03 -4.68	32.34 2.05 -4.31	31.82 1.78 -8.10	32.12 1.61 -11.13	31.63 1.55 -11.63	31.50 1.59 -10.74	31.93 1.54 -11.19	39.36 1.62 -17.22	39.35 2.34 -7.05	36.43 2.24 -4.68	30.93 1.97 -2.73	28.89 1.74 -2.33	27.96 1.13 -9.23	24.52 1.51 -0.06
ASHOKAN____ 23654	23.30 0.08 -17.32	21.86 0.06 -16.52	20.66 0.04 -15.65	20.49 0.03 -15.71	21.11 0.05 -16.14	23.31 0.06 -17.55	29.78 0.16 -16.15	36.61 0.45 -13.76	35.50 0.39 -15.53	31.41 0.33 -10.59	31.35 0.49 -5.11	31.12 0.44 -4.71	31.12 0.33 -8.85	31.79 0.25 -12.15	31.44 0.29 -12.70	31.26 0.36 -11.72	31.84 0.42 -12.21	39.90 0.57 -18.80	38.48 0.81 -7.70	35.42 0.80 -5.11	29.72 0.52 -2.96	27.80 0.45 -2.53	27.76 0.12 -10.02	24.14 1.19 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.07	20.80	19.65	19.46	20.00	22.04	29.08	36.60	35.12	31.66	32.23	32.09	31.66	31.96	31.53	31.40	31.79	39.24	39.20	36.31	30.82	28.78	27.90	24.38
	0.31	0.38	0.33	0.32	0.30	0.28	0.82	1.61	1.33	1.46	1.80	1.82	1.62	1.45	1.46	1.50	1.40	1.50	2.19	2.13	1.86	1.64	1.07	1.38
	-15.86	-15.13	-14.34	-14.40	-14.78	-16.06	-14.80	-12.59	-14.22	-9.71	-4.67	-4.31	-8.10	-11.12	-11.62	-10.73	-11.18	-17.22	-7.05	-4.68	-2.72	-2.32	-9.22	-0.06
ASTORIA_EAST_ENERGY_CC2 323582	22.07	20.80	19.65	19.46	20.00	22.04	29.08	36.60	35.12	31.66	32.23	32.09	31.66	31.96	31.53	31.40	31.79	39.24	39.20	36.31	30.82	28.78	27.90	24.38
	0.31	0.38	0.33	0.32	0.30	0.28	0.82	1.61	1.33	1.46	1.80	1.82	1.62	1.45	1.46	1.50	1.40	1.50	2.19	2.13	1.86	1.64	1.07	1.38
	-15.86	-15.13	-14.34	-14.40	-14.78	-16.06	-14.80	-12.59	-14.22	-9.71	-4.67	-4.31	-8.10	-11.12	-11.62	-10.73	-11.18	-17.22	-7.05	-4.68	-2.72	-2.32	-9.22	-0.06
ASTORIA_GT2_1 24094	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT2_2 24095	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT2_3 24096	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT2_4 24097	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT3_1 24098	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT3_2 24099	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT3_3 24100	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT3_4 24101	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT4_1 24102	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT4_2 24103	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT4_3 24104	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT4_4 24105	22.08	20.79	19.64	19.46	20.00	22.05	29.10	36.43	35.13	31.68	32.26	32.13	31.67	31.99	31.55	31.43	31.82	39.24	39.18	36.29	30.82	28.79	27.89	24.38
	0.31	0.38	0.34	0.32	0.30	0.28	0.83	1.43	1.33	1.48	1.83	1.84	1.62	1.47	1.48	1.52	1.42	1.48	2.16	2.10	1.86	1.64	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.80	-12.60	-14.23	-9.71	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.72	-2.33	-9.22	-0.06
ASTORIA_GT_1 23523	22.08	20.81	19.66	19.47	20.01	22.06	29.11	36.67	35.16	31.72	32.30	32.17	31.70	32.02	31.58	31.46	31.85	39.28	39.29	36.37	30.90	28.85	27.96	24.45
	0.32	0.39	0.34	0.33	0.31	0.30	0.85	1.68	1.37	1.52	1.88	1.89	1.67	1.51	1.51	1.55	1.46	1.54	2.28	2.18	1.94	1.71	1.13	1.45
	-15.86	-15.13	-14.34	-14.40	-14.78	-16.06	-14.80	-12.59	-14.22	-9.71	-4.67	-4.31	-8.10	-11.12	-11.62	-10.73	-11.18	-17.22	-7.05	-4.68	-2.72	-2.32	-9.22	-0.06

ASTORIA_GT_10 24110	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.07 0.30 -16.07	29.12 0.82 -14.84	36.59 1.59 -12.60	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.05 1.53 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.85 1.46 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.38 2.18 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.88 1.04 -9.23	24.34 1.33 -0.06
ASTORIA_GT_11 24225	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.07 0.30 -16.07	29.12 0.82 -14.84	36.59 1.59 -12.60	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.05 1.53 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.85 1.46 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.38 2.18 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.88 1.04 -9.23	24.34 1.33 -0.06
ASTORIA_GT_12 24226	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.07 0.30 -16.07	29.12 0.82 -14.84	36.59 1.59 -12.60	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.05 1.53 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.85 1.46 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.38 2.18 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.88 1.04 -9.23	24.34 1.33 -0.06
ASTORIA_GT_13 24227	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.07 0.30 -16.07	29.12 0.82 -14.84	36.59 1.59 -12.60	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.05 1.53 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.85 1.46 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.38 2.18 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.88 1.04 -9.23	24.34 1.33 -0.06
ASTORIA_GT_5 24106	22.08 0.32 -15.86	20.81 0.39 -15.13	19.66 0.34 -14.34	19.47 0.33 -14.40	20.01 0.31 -14.78	22.06 0.30 -16.06	29.11 0.85 -14.80	36.67 1.68 -12.59	35.16 1.37 -14.22	31.72 1.52 -9.71	32.30 1.88 -4.67	32.17 1.89 -4.31	31.70 1.67 -8.10	32.02 1.51 -11.12	31.58 1.51 -11.62	31.46 1.55 -10.73	31.85 1.46 -11.18	39.28 1.54 -17.22	39.29 2.28 -7.05	36.37 2.18 -4.68	30.90 1.94 -2.72	28.85 1.71 -2.32	27.96 1.13 -9.22	24.45 1.45 -0.06
ASTORIA_GT_7 24107	22.08 0.32 -15.86	20.81 0.39 -15.13	19.66 0.34 -14.34	19.47 0.33 -14.40	20.01 0.31 -14.78	22.06 0.30 -16.06	29.11 0.85 -14.80	36.67 1.68 -12.59	35.16 1.37 -14.22	31.72 1.52 -9.71	32.30 1.88 -4.67	32.17 1.89 -4.31	31.70 1.67 -8.10	32.02 1.51 -11.12	31.58 1.51 -11.62	31.46 1.55 -10.73	31.85 1.46 -11.18	39.28 1.54 -17.22	39.29 2.28 -7.05	36.37 2.18 -4.68	30.90 1.94 -2.72	28.85 1.71 -2.32	27.96 1.13 -9.22	24.45 1.45 -0.06
ASTORIA_GT_8 24108	22.09 0.32 -15.87	20.80 0.39 -15.13	19.65 0.34 -14.33	19.47 0.33 -14.39	20.01 0.31 -14.78	22.06 0.30 -16.07	29.12 0.85 -14.80	36.48 1.48 -12.60	35.17 1.37 -14.23	31.72 1.52 -9.71	32.31 1.88 -4.68	32.18 1.90 -4.31	31.71 1.67 -8.10	32.03 1.51 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.85 1.46 -11.19	39.28 1.52 -17.24	39.24 2.22 -7.06	36.35 2.15 -4.69	30.87 1.92 -2.72	28.84 1.69 -2.33	27.92 1.09 -9.22	24.42 1.42 -0.06
ASTORIA___2 24149	22.07 0.31 -15.86	20.80 0.38 -15.13	19.65 0.34 -14.34	19.46 0.32 -14.40	20.00 0.30 -14.78	22.04 0.28 -16.06	29.10 0.84 -14.80	36.63 1.63 -12.59	35.12 1.33 -14.22	31.68 1.48 -9.71	32.25 1.83 -4.67	32.12 1.84 -4.31	31.66 1.62 -8.10	31.98 1.47 -11.12	31.55 1.48 -11.62	31.42 1.51 -10.73	31.81 1.42 -11.18	39.24 1.50 -17.22	39.23 2.22 -7.05	36.31 2.13 -4.68	30.85 1.89 -2.72	28.81 1.66 -2.32	27.92 1.09 -9.22	24.40 1.40 -0.06
ASTORIA___3 23516	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.06 0.30 -16.06	29.12 0.82 -14.83	36.60 1.61 -12.59	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.76 1.71 -8.10	32.04 1.53 -11.13	31.57 1.49 -11.63	31.43 1.51 -10.74	31.87 1.48 -11.19	39.33 1.58 -17.23	39.33 2.31 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.86 1.02 -9.23	24.36 1.35 -0.06
ASTORIA___4 23517	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.07 0.30 -16.07	29.12 0.82 -14.84	36.59 1.59 -12.60	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.05 1.53 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.85 1.46 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.38 2.18 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.88 1.04 -9.23	24.34 1.33 -0.06
ASTORIA___5 23518	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.06 0.30 -16.06	29.12 0.82 -14.83	36.60 1.61 -12.59	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.76 1.71 -8.10	32.04 1.53 -11.13	31.57 1.49 -11.63	31.43 1.51 -10.74	31.87 1.48 -11.19	39.33 1.58 -17.23	39.33 2.31 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.86 1.02 -9.23	24.36 1.35 -0.06
AST_ENERGY_2_CC3 323677	18.77 0.35 -12.52	18.77 0.33 -13.15	18.77 0.29 -13.50	18.77 0.28 -13.75	18.77 0.28 -13.58	18.77 0.32 -12.75	18.77 0.87 -4.43	19.97 1.70 4.13	19.97 1.49 1.09	19.97 1.52 2.04	21.24 1.98 6.50	21.24 2.00 6.73	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.73	31.93 1.54 -11.19	39.35 1.60 -17.23	39.42 2.40 -7.06	36.52 2.33 -4.69	30.91 1.94 -2.73	28.84 1.69 -2.33	27.95 1.11 -9.23	24.50 1.49 -0.06
AST_ENERGY_2_CC4 323678	18.77 0.35 -12.52	18.77 0.33 -13.15	18.77 0.29 -13.50	18.77 0.28 -13.75	18.77 0.28 -13.58	18.77 0.32 -12.75	18.77 0.87 -4.43	19.97 1.70 4.13	19.97 1.49 1.09	19.97 1.52 2.04	21.24 1.98 6.50	21.24 2.00 6.73	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.73	31.93 1.54 -11.19	39.35 1.60 -17.23	39.42 2.40 -7.06	36.52 2.33 -4.69	30.91 1.94 -2.73	28.84 1.69 -2.33	27.95 1.11 -9.23	24.50 1.49 -0.06
ATHENS_STG_1 23668	23.60 0.26 -17.44	22.15 0.23 -16.64	20.95 0.21 -15.76	20.77 0.20 -15.83	21.38 0.21 -16.26	23.62 0.24 -17.67	30.30 0.57 -16.27	37.24 0.98 -13.86	36.08 0.86 -15.65	32.04 0.88 -10.67	32.00 1.11 -5.14	31.83 1.12 -4.74	31.82 0.96 -8.91	32.48 0.85 -12.24	32.09 0.85 -12.79	31.86 0.88 -11.80	32.39 0.88 -12.30	40.37 0.90 -18.95	39.04 1.32 -7.76	35.99 1.33 -5.15	30.40 1.18 -2.99	28.49 1.12 -2.55	28.43 0.72 -10.10	23.93 0.99 0.00
ATHENS_STG_2 23670	23.60 0.26 -17.44	22.15 0.23 -16.64	20.95 0.21 -15.76	20.77 0.20 -15.83	21.38 0.21 -16.26	23.62 0.24 -17.67	30.30 0.57 -16.27	37.24 0.98 -13.86	36.08 0.86 -15.65	32.04 0.88 -10.67	32.00 1.11 -5.14	31.83 1.12 -4.74	31.82 0.96 -8.91	32.48 0.85 -12.24	32.09 0.85 -12.79	31.86 0.88 -11.80	32.39 0.88 -12.30	40.37 0.90 -18.95	39.04 1.32 -7.76	35.99 1.33 -5.15	30.40 1.18 -2.99	28.49 1.12 -2.55	28.43 0.72 -10.10	23.93 0.99 0.00

ATHENS_STG_3 23677	23.60 0.26 -17.44	22.15 0.23 -16.64	20.95 0.21 -15.76	20.77 0.20 -15.83	21.38 0.21 -16.26	23.62 0.24 -17.67	30.30 0.57 -16.27	37.24 0.98 -13.86	36.08 0.86 -15.65	32.04 0.88 -10.67	32.00 1.11 -5.14	31.83 1.12 -4.74	31.82 0.96 -8.91	32.48 0.85 -12.24	32.09 0.85 -12.79	31.86 0.88 -11.80	32.39 0.88 -12.30	40.37 0.90 -18.95	39.04 1.32 -7.76	35.99 1.33 -5.15	30.40 1.18 -2.99	28.49 1.12 -2.55	28.43 0.72 -10.10	23.93 0.99 0.00
AUBURN____LFGE 323710	10.24 0.19 -4.15	9.40 0.16 -3.95	8.84 0.12 -3.75	8.63 0.12 -3.76	8.91 0.13 -3.86	10.10 0.21 -4.20	17.93 0.59 -3.87	26.75 1.05 -3.29	24.19 0.90 -3.72	23.93 0.90 -2.54	28.06 1.08 -1.22	28.21 1.12 -1.13	25.00 0.94 -2.12	23.13 0.83 -2.91	22.26 0.77 -3.04	22.77 0.79 -2.81	22.94 0.81 -2.92	25.81 0.78 -4.51	32.95 1.14 -1.85	31.77 1.03 -1.23	27.86 0.92 -0.71	26.25 0.82 -0.61	20.61 0.60 -2.40	23.72 0.78 0.00
BABYLON_RES_REC 323704	23.01 0.58 -16.54	20.94 0.51 -15.14	19.76 0.45 -14.33	19.58 0.44 -14.40	20.15 0.44 -14.79	22.32 0.54 -16.08	35.75 1.40 -20.88	37.93 2.49 -13.04	36.66 2.15 -14.94	36.28 2.23 -13.55	35.47 2.68 -7.04	34.95 2.68 -6.30	33.97 2.28 -9.74	34.09 2.08 -12.63	33.96 2.05 -13.47	34.12 2.11 -12.83	35.64 2.11 -14.31	43.49 2.03 -20.94	43.38 3.21 -10.20	42.16 3.13 -9.53	33.62 2.81 -4.58	32.90 2.51 -5.57	31.95 1.76 -12.58	28.49 2.25 -3.29
BABYLON__69_KV_BK2 356345	23.09 0.65 -16.54	20.99 0.58 -15.13	19.82 0.51 -14.33	19.64 0.50 -14.39	20.20 0.51 -14.78	22.38 0.62 -16.07	36.51 1.56 -21.48	39.04 2.67 -13.97	37.98 2.39 -16.02	37.71 2.50 -14.72	40.14 2.99 -11.40	38.97 3.04 -9.96	37.27 2.57 -12.76	37.09 2.33 -15.38	37.24 2.29 -16.50	37.68 2.36 -16.14	41.57 2.36 -20.00	50.58 2.24 -27.82	49.46 3.48 -16.01	51.42 3.42 -18.49	35.90 3.12 -6.54	35.17 2.85 -7.50	31.95 2.01 -12.33	28.87 2.62 -3.31
BALL_HILL_WT_PWR 323825	10.82 0.17 -4.76	9.94 0.12 -4.54	9.29 0.02 -4.30	9.11 0.05 -4.31	9.40 0.05 -4.43	10.71 0.19 -4.82	18.17 0.27 -4.44	26.07 -0.11 -3.78	23.92 0.08 -4.27	23.28 -0.12 -2.91	26.77 -0.39 -1.40	27.08 -0.18 -1.29	24.48 0.11 -2.43	22.84 0.12 -3.34	22.08 0.15 -3.49	22.55 0.15 -3.22	22.75 0.19 -3.35	25.77 0.10 -5.14	32.07 0.00 -2.11	30.85 -0.06 -1.40	27.04 0.00 -0.81	25.59 0.07 -0.69	20.48 0.12 -2.74	23.66 0.71 0.00
BARON_WINDS____WT_PWR 323822	11.63 0.18 -5.55	10.71 0.13 -5.29	10.05 0.05 -5.02	9.86 0.08 -5.04	10.17 0.08 -5.17	11.52 0.20 -5.62	19.01 0.36 -5.18	27.15 0.34 -4.41	24.92 0.37 -4.98	24.14 0.25 -3.39	27.52 0.13 -1.64	27.74 0.26 -1.51	25.13 0.35 -2.84	23.59 0.31 -3.90	22.87 0.35 -4.07	23.32 0.38 -3.76	23.53 0.40 -3.91	26.94 0.41 -6.01	33.00 0.57 -2.46	31.67 0.53 -1.64	27.65 0.47 -0.95	26.10 0.47 -0.81	21.17 0.35 -3.20	23.79 0.85 0.00
BARRETT_IC_1 23704	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_10 23701	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_11 23702	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_12 23703	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_2 23705	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_3 23706	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_4 23707	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_5 23708	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_6 23709	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28

BARRETT_IC_7 23710	22.92 0.49 -16.54	20.86 0.44 -15.13	19.70 0.39 -14.33	19.51 0.38 -14.39	20.08 0.38 -14.78	22.23 0.46 -16.07	35.10 1.13 -20.50	36.97 1.97 -12.60	35.58 1.76 -14.24	35.24 1.82 -12.92	32.67 2.24 -4.68	32.54 2.26 -4.31	31.98 1.93 -8.10	32.24 1.73 -11.13	31.98 1.70 -11.84	31.98 1.75 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.24	39.66 2.64 -7.06	36.79 2.60 -4.69	32.04 2.28 -3.53	31.39 2.04 -4.53	30.38 1.41 -11.36	28.13 1.90 -3.28
BARRETT_IC_8 23711	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT_IC_9 23700	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT___1 23545	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BARRETT___2 23546	22.92 0.49 -16.54	20.87 0.44 -15.14	19.70 0.39 -14.33	19.52 0.38 -14.40	20.09 0.38 -14.79	22.23 0.46 -16.08	35.10 1.13 -20.50	37.05 2.04 -12.61	35.58 1.76 -14.24	35.24 1.82 -12.92	32.68 2.24 -4.68	32.55 2.26 -4.32	31.98 1.93 -8.11	32.25 1.72 -11.14	31.98 1.70 -11.84	31.98 1.74 -11.05	32.19 1.73 -11.25	39.44 1.68 -17.23	39.70 2.67 -7.07	36.83 2.63 -4.70	32.04 2.28 -3.53	31.41 2.06 -4.53	30.37 1.41 -11.35	28.11 1.88 -3.28
BATAVIA___115KV_TB1 55881	10.47 0.27 -4.30	9.61 0.22 -4.10	8.98 0.12 -3.89	8.79 0.14 -3.90	9.07 0.15 -4.01	10.34 0.28 -4.36	17.96 0.48 -4.01	26.20 0.38 -3.42	23.82 0.39 -3.86	23.43 0.31 -2.63	27.10 0.08 -1.27	27.40 0.26 -1.17	24.60 0.46 -2.20	22.85 0.45 -3.02	22.04 0.44 -3.15	22.57 0.48 -2.91	22.68 0.44 -3.03	25.61 0.41 -4.67	32.33 0.45 -1.91	31.16 0.38 -1.27	27.34 0.37 -0.74	25.80 0.35 -0.63	20.44 0.33 -2.49	23.49 0.55 0.00
BAYONEEC___CTG1 323682	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG10 323750	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG2 323683	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG3 323684	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG4 323685	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG5 323686	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG6 323687	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG7 323688	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BAYONEEC___CTG8 323689	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06

BAYONEEC___CTG9 323749	22.13 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.75 1.75 -12.60	35.31 1.51 -14.23	31.79 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.35 1.60 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.06
BEACON___LESR 323632	25.28 0.19 -19.19	23.75 0.17 -18.30	22.46 0.15 -17.34	22.30 0.15 -17.41	22.96 0.16 -17.88	25.35 0.21 -19.44	31.88 0.52 -17.89	38.56 0.92 -15.24	37.60 0.82 -17.21	33.09 0.86 -11.73	32.44 1.03 -5.66	32.25 1.07 -5.22	32.66 0.92 -9.80	33.62 0.78 -13.46	33.27 0.76 -14.07	32.96 0.81 -12.98	33.56 0.83 -13.53	42.26 0.90 -20.84	39.82 1.32 -8.54	36.44 1.27 -5.67	30.62 1.10 -3.29	28.62 0.99 -2.80	29.30 0.58 -11.11	23.72 0.78 0.00
BEAVER RIVER___HYD 24048	7.28 -0.02 -1.40	6.60 -0.02 -1.33	6.22 -0.02 -1.26	6.01 -0.01 -1.27	6.20 -0.01 -1.30	7.11 -0.01 -1.42	14.81 0.04 -1.30	23.65 0.14 -1.11	20.88 0.06 -1.25	21.41 0.06 -0.85	26.19 0.03 -0.41	26.27 -0.08 -0.38	22.50 -0.15 -0.71	20.19 -0.17 -0.98	19.29 -0.18 -1.02	19.93 -0.19 -0.95	19.98 -0.21 -0.99	21.70 -0.23 -1.41	30.30 -0.24 -0.58	29.74 -0.15 -0.38	26.35 -0.10 -0.22	24.99 -0.02 -0.19	18.34 -0.02 -0.75	22.85 -0.09 0.00
BEEBEE_GT_13 23619	9.99 0.18 -3.92	9.17 0.14 -3.74	8.59 0.08 -3.54	8.39 0.09 -3.55	8.66 0.10 -3.65	9.86 0.19 -3.97	17.50 0.38 -3.65	25.96 0.45 -3.11	23.52 0.43 -3.51	23.28 0.39 -2.40	27.25 0.33 -1.16	27.48 0.44 -1.07	24.47 0.53 -2.00	22.64 0.50 -2.75	21.78 0.46 -2.87	22.31 0.48 -2.65	22.41 0.44 -2.76	25.21 0.43 -4.26	32.25 0.54 -1.74	31.14 0.47 -1.16	27.32 0.42 -0.67	25.77 0.37 -0.57	20.20 0.32 -2.27	23.29 0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.15 0.38 -15.87	20.80 0.39 -15.13	19.65 0.35 -14.33	19.46 0.32 -14.39	20.01 0.31 -14.78	22.10 0.33 -16.07	29.26 0.96 -14.84	36.75 1.75 -12.60	35.40 1.60 -14.23	31.90 1.64 -9.76	32.65 2.21 -4.68	32.54 2.26 -4.31	31.97 1.93 -8.10	32.24 1.73 -11.13	31.74 1.66 -11.63	31.62 1.71 -10.74	32.05 1.65 -11.19	39.54 1.79 -17.24	39.60 2.58 -7.06	36.70 2.51 -4.69	31.09 2.12 -2.73	29.01 1.86 -2.33	28.04 1.20 -9.23	24.57 1.56 -0.06
BETHLEHEM___GRP 23843	25.21 0.11 -19.21	23.70 0.10 -18.32	22.42 0.09 -17.35	22.26 0.09 -17.42	22.91 0.10 -17.90	25.29 0.13 -19.46	31.72 0.34 -17.91	38.22 0.56 -15.26	37.29 0.49 -17.23	32.75 0.51 -11.75	32.04 0.62 -5.66	31.82 0.62 -5.22	32.30 0.55 -9.81	33.33 0.47 -13.48	33.01 0.48 -14.08	32.67 0.50 -12.99	33.25 0.50 -13.54	41.94 0.55 -20.87	39.32 0.81 -8.55	35.95 0.77 -5.68	30.18 0.66 -3.29	28.22 0.60 -2.81	29.05 0.32 -11.12	23.40 0.46 0.00
BETHLEHEM___GS1 323560	25.21 0.11 -19.21	23.70 0.10 -18.32	22.42 0.09 -17.35	22.26 0.09 -17.42	22.91 0.10 -17.90	25.29 0.13 -19.46	31.72 0.34 -17.91	38.19 0.54 -15.26	37.29 0.49 -17.23	32.75 0.51 -11.75	32.03 0.62 -5.66	31.82 0.62 -5.22	32.30 0.55 -9.81	33.33 0.46 -13.48	33.01 0.48 -14.08	32.67 0.50 -12.99	33.25 0.50 -13.54	41.94 0.55 -20.86	39.32 0.81 -8.55	35.95 0.77 -5.67	30.18 0.66 -3.29	28.25 0.62 -2.80	29.06 0.33 -11.12	23.40 0.46 0.00
BETHLEHEM___GS2 323561	25.21 0.11 -19.21	23.70 0.10 -18.32	22.42 0.09 -17.35	22.26 0.09 -17.42	22.91 0.10 -17.90	25.29 0.13 -19.46	31.72 0.34 -17.91	38.19 0.54 -15.26	37.29 0.49 -17.23	32.75 0.51 -11.75	32.03 0.62 -5.66	31.82 0.62 -5.22	32.30 0.55 -9.81	33.33 0.46 -13.48	33.01 0.48 -14.08	32.67 0.50 -12.99	33.25 0.50 -13.54	41.94 0.55 -20.86	39.32 0.81 -8.55	35.95 0.77 -5.67	30.18 0.66 -3.29	28.25 0.62 -2.80	29.06 0.33 -11.12	23.40 0.46 0.00
BETHLEHEM___GS3 323562	25.21 0.11 -19.21	23.70 0.10 -18.32	22.42 0.09 -17.35	22.26 0.09 -17.42	22.91 0.10 -17.90	25.29 0.13 -19.46	31.72 0.34 -17.91	38.19 0.54 -15.26	37.29 0.49 -17.23	32.75 0.51 -11.75	32.03 0.62 -5.66	31.82 0.62 -5.22	32.30 0.55 -9.81	33.33 0.46 -13.48	33.01 0.48 -14.08	32.67 0.50 -12.99	33.25 0.50 -13.54	41.94 0.55 -20.86	39.32 0.81 -8.55	35.95 0.77 -5.67	30.18 0.66 -3.29	28.25 0.62 -2.80	29.06 0.33 -11.12	23.40 0.46 0.00
BETHLEHEM___STEEL 23779	10.75 0.17 -4.68	9.87 0.12 -4.46	9.22 0.02 -4.23	9.05 0.05 -4.25	9.34 0.06 -4.36	10.63 0.19 -4.74	18.07 0.24 -4.36	26.03 -0.09 -3.72	23.75 -0.02 -4.20	23.19 -0.16 -2.86	26.67 -0.46 -1.38	26.98 -0.26 -1.27	24.38 0.04 -2.39	22.71 0.04 -3.28	21.95 0.07 -3.43	22.42 0.08 -3.17	22.61 0.10 -3.30	25.61 0.00 -5.09	31.84 -0.21 -2.08	30.66 -0.24 -1.38	26.90 -0.13 -0.80	25.48 -0.02 -0.68	20.37 0.05 -2.71	23.49 0.55 0.00
BETHLHEM_115KV_TB1 79974	25.23 0.14 -19.20	23.72 0.12 -18.31	22.43 0.10 -17.35	22.27 0.10 -17.42	22.92 0.11 -17.90	25.30 0.15 -19.46	31.74 0.36 -17.91	38.28 0.63 -15.26	37.34 0.55 -17.22	32.79 0.55 -11.74	32.11 0.70 -5.66	31.89 0.70 -5.22	32.37 0.61 -9.81	33.38 0.52 -13.48	33.06 0.53 -14.08	32.72 0.56 -12.99	33.31 0.56 -13.54	41.98 0.60 -20.86	39.38 0.87 -8.55	36.01 0.83 -5.67	30.26 0.73 -3.29	28.30 0.67 -2.80	29.10 0.37 -11.12	23.47 0.53 0.00
BETHPAGE_CC_5 323564	22.98 0.55 -16.54	20.91 0.49 -15.14	19.74 0.43 -14.33	19.57 0.42 -14.40	20.13 0.43 -14.79	22.29 0.51 -16.08	35.44 1.29 -20.68	37.43 2.31 -12.73	36.10 1.98 -14.55	35.76 2.07 -13.19	33.96 2.50 -5.70	33.67 2.52 -5.18	32.91 2.15 -8.82	33.11 1.94 -11.78	32.89 1.90 -12.54	32.98 1.98 -11.83	33.75 1.96 -12.58	41.27 1.91 -18.84	41.42 3.03 -8.43	39.25 2.95 -6.79	32.84 2.62 -3.98	32.16 2.36 -4.98	31.13 1.64 -11.88	28.34 2.11 -3.29
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	10.76 0.16 -4.71	9.89 0.11 -4.49	9.23 0.00 -4.25	9.06 0.04 -4.27	9.35 0.04 -4.39	10.64 0.18 -4.77	18.07 0.22 -4.39	26.03 -0.11 -3.74	23.74 -0.06 -4.22	23.17 -0.20 -2.88	26.63 -0.52 -1.39	26.94 -0.31 -1.28	24.37 0.02 -2.41	22.71 0.02 -3.30	21.95 0.06 -3.45	22.42 0.06 -3.18	22.61 0.08 -3.32	25.62 -0.02 -5.12	31.85 -0.21 -2.10	30.63 -0.27 -1.39	26.88 -0.16 -0.81	25.46 -0.05 -0.69	20.35 0.02 -2.73	23.56 0.62 0.00
BINGHAMTON___COGEN 23790	13.26 0.21 -7.15	12.28 0.17 -6.81	11.56 0.13 -6.46	11.37 0.13 -6.48	11.72 0.14 -6.66	13.15 0.21 -7.24	20.59 0.46 -6.66	28.79 0.72 -5.68	26.63 0.65 -6.41	25.46 0.59 -4.37	28.53 0.67 -2.11	28.62 0.70 -1.94	26.23 0.64 -3.65	24.96 0.56 -5.01	24.24 0.55 -5.24	24.59 0.58 -4.83	24.82 0.58 -5.04	28.86 0.57 -7.76	33.99 0.84 -3.18	32.42 0.80 -2.11	28.14 0.68 -1.22	26.51 0.65 -1.04	22.19 0.44 -4.14	23.70 0.76 0.00
BIXINCNT_115KV_LOAD 355685	10.78 0.04 -4.84	9.90 0.00 -4.61	9.25 -0.09 -4.37	9.07 -0.07 -4.39	9.35 -0.07 -4.51	10.67 0.07 -4.90	17.94 -0.04 -4.51	25.84 -0.40 -3.84	23.56 -0.35 -4.34	22.92 -0.53 -2.96	26.28 -0.90 -1.43	26.69 -0.60 -1.32	24.15 -0.26 -2.47	22.51 -0.27 -3.40	21.88 -0.11 -3.55	22.32 -0.13 -3.27	22.62 0.00 -3.41	25.70 -0.08 -5.26	31.88 -0.24 -2.15	30.70 -0.24 -1.43	26.85 -0.21 -0.83	25.43 -0.10 -0.71	20.33 -0.09 -2.80	23.70 0.76 0.00

BLACK RIVER___HYD 24047	7.98 0.06 -2.03	7.26 0.04 -1.93	6.84 0.04 -1.83	6.64 0.05 -1.84	6.85 0.05 -1.89	7.83 0.08 -2.06	15.61 0.26 -1.89	24.53 0.52 -1.61	21.74 0.35 -1.82	22.11 0.37 -1.24	26.71 0.36 -0.60	26.78 0.26 -0.55	23.15 0.17 -1.04	20.91 0.10 -1.42	20.01 0.07 -1.49	20.59 0.04 -1.37	20.68 0.04 -1.43	22.48 -0.06 -2.02	30.82 0.03 -0.83	30.21 0.15 -0.55	26.68 0.13 -0.32	25.27 0.17 -0.27	18.81 0.12 -1.08	23.01 0.07 0.00
BLACKRVR_115KV_TB2 79977	7.98 0.06 -2.03	7.26 0.04 -1.93	6.84 0.03 -1.83	6.64 0.05 -1.84	6.85 0.05 -1.89	7.83 0.08 -2.06	15.61 0.26 -1.89	24.50 0.49 -1.61	21.74 0.35 -1.82	22.11 0.37 -1.24	26.71 0.36 -0.60	26.78 0.26 -0.55	23.15 0.18 -1.04	20.90 0.10 -1.42	20.01 0.07 -1.49	20.59 0.04 -1.37	20.68 0.04 -1.43	22.66 -0.06 -2.20	30.90 0.03 -0.90	30.25 0.15 -0.60	26.71 0.13 -0.35	25.29 0.17 -0.30	18.91 0.12 -1.18	23.06 0.11 0.00
BLISS_WT_PWR 323608	10.75 0.01 -4.84	9.87 -0.03 -4.61	9.23 -0.12 -4.37	9.04 -0.09 -4.39	9.32 -0.10 -4.51	10.63 0.03 -4.90	17.89 -0.09 -4.51	25.71 -0.54 -3.84	23.50 -0.41 -4.34	22.84 -0.61 -2.96	26.18 -1.00 -1.43	26.64 -0.65 -1.32	24.08 -0.33 -2.47	22.45 -0.33 -3.40	21.87 -0.13 -3.55	22.28 -0.17 -3.27	22.60 -0.02 -3.41	25.65 -0.10 -5.23	31.87 -0.24 -2.14	30.69 -0.24 -1.42	26.85 -0.21 -0.83	25.43 -0.10 -0.70	20.31 -0.09 -2.79	23.75 0.80 0.00
BLUESTONE___WT_PWR 323821	14.15 0.39 -7.87	13.11 0.32 -7.50	12.37 0.28 -7.11	12.18 0.29 -7.14	12.55 0.30 -7.33	14.06 0.39 -7.97	21.77 0.97 -7.34	30.33 1.68 -6.25	28.08 1.45 -7.06	26.78 1.48 -4.81	29.80 1.73 -2.32	29.82 1.71 -2.14	27.45 1.49 -4.02	26.15 1.24 -5.52	25.45 1.24 -5.77	25.81 1.30 -5.32	26.05 1.29 -5.55	30.52 1.48 -8.52	35.64 2.19 -3.49	34.07 2.24 -2.32	29.52 1.94 -1.34	27.75 1.79 -1.15	23.35 1.20 -4.54	24.62 1.67 0.00
BLUE_CIRC_CHEM_DRP 24182	25.02 0.21 -18.92	23.51 0.18 -18.04	22.24 0.17 -17.10	22.08 0.16 -17.17	22.72 0.17 -17.63	25.08 0.21 -19.17	31.62 0.51 -17.65	38.30 0.87 -15.03	37.31 0.76 -16.97	32.87 0.80 -11.57	32.31 0.98 -5.58	32.10 0.99 -5.15	32.44 0.83 -9.67	33.38 0.72 -13.28	33.04 0.72 -13.87	32.73 0.75 -12.80	33.30 0.75 -13.34	41.90 0.82 -20.56	39.58 1.20 -8.42	36.25 1.15 -5.59	30.50 1.02 -3.24	28.53 0.94 -2.76	29.13 0.56 -10.96	23.72 0.78 0.00
BOC_GAS_DRP 24189	25.26 0.18 -19.18	23.74 0.16 -18.29	22.45 0.15 -17.33	22.29 0.15 -17.40	22.94 0.15 -17.87	25.32 0.19 -19.43	31.80 0.44 -17.88	38.40 0.76 -15.23	37.44 0.67 -17.20	32.92 0.70 -11.73	32.26 0.85 -5.65	32.04 0.86 -5.22	32.48 0.75 -9.80	33.50 0.66 -13.46	33.15 0.65 -14.06	32.82 0.67 -12.97	33.40 0.67 -13.52	42.07 0.72 -20.83	39.55 1.05 -8.53	36.21 1.03 -5.67	30.44 0.92 -3.29	28.47 0.84 -2.80	29.23 0.51 -11.11	23.65 0.71 0.00
BOONVILLE_115KV_TB1 79983	7.07 0.08 -1.09	6.39 0.06 -1.04	6.02 0.06 -0.99	5.81 0.07 -0.99	6.00 0.07 -1.02	6.89 0.09 -1.11	14.71 0.23 -1.02	23.67 0.40 -0.87	20.88 0.33 -0.98	21.53 0.37 -0.67	26.49 0.41 -0.32	26.63 0.36 -0.30	22.78 0.29 -0.56	20.36 0.21 -0.77	19.45 0.20 -0.80	20.13 0.21 -0.74	20.19 0.21 -0.77	22.00 0.29 -1.19	30.90 0.45 -0.49	30.33 0.50 -0.32	26.87 0.45 -0.19	25.40 0.42 -0.16	18.52 0.28 -0.63	23.29 0.34 0.00
BORALEX_4TH_BRANCH 23824	25.20 0.32 -18.99	23.69 0.29 -18.11	22.40 0.26 -17.16	22.23 0.26 -17.23	22.88 0.27 -17.70	25.26 0.32 -19.24	31.97 0.79 -17.71	38.81 1.32 -15.08	37.76 1.15 -17.03	33.30 1.19 -11.61	32.80 1.44 -5.60	32.62 1.48 -5.16	32.89 1.25 -9.70	33.83 1.12 -13.32	33.48 1.11 -13.92	33.17 1.15 -12.84	33.77 1.17 -13.39	42.46 1.31 -20.62	40.33 1.92 -8.45	36.95 1.83 -5.61	31.11 1.63 -3.25	29.08 1.49 -2.77	29.50 0.90 -10.99	24.07 1.12 0.00
BOWLINE___1 23526	20.81 0.35 -14.56	19.48 0.31 -13.89	18.40 0.27 -13.16	18.22 0.26 -13.21	18.74 0.26 -13.57	20.77 0.31 -14.76	27.86 0.81 -13.58	35.51 1.54 -11.57	33.97 1.33 -13.06	30.71 1.31 -8.91	31.72 1.67 -4.29	31.62 1.69 -3.96	30.83 1.45 -7.44	30.90 1.30 -10.22	30.40 1.27 -10.68	30.35 1.32 -9.85	30.80 1.32 -10.27	37.76 1.41 -15.82	38.54 2.10 -6.48	35.88 2.06 -4.30	30.43 1.70 -2.49	28.49 1.54 -2.13	27.01 0.97 -8.43	24.25 1.31 0.00
BOWLINE___2 23595	20.81 0.35 -14.56	19.48 0.31 -13.89	18.40 0.27 -13.16	18.22 0.26 -13.21	18.74 0.26 -13.57	20.77 0.31 -14.76	27.86 0.81 -13.58	35.51 1.54 -11.57	33.97 1.33 -13.06	30.71 1.31 -8.91	31.72 1.67 -4.29	31.62 1.69 -3.96	30.83 1.45 -7.44	30.90 1.30 -10.22	30.40 1.27 -10.68	30.35 1.32 -9.85	30.80 1.32 -10.27	37.76 1.41 -15.82	38.54 2.10 -6.48	35.88 2.06 -4.30	30.43 1.70 -2.49	28.49 1.54 -2.13	27.01 0.97 -8.43	24.25 1.31 0.00
BRADY___115KV_TB2 356060	6.14 -0.09 -0.34	5.55 -0.06 -0.32	5.24 -0.04 -0.31	5.01 -0.05 -0.31	5.17 -0.06 -0.32	5.95 -0.10 -0.35	13.49 -0.30 -0.32	22.18 -0.49 -0.27	19.41 -0.47 -0.31	20.29 -0.41 -0.21	25.39 -0.46 -0.10	25.49 -0.57 -0.09	21.52 -0.59 -0.17	19.10 -0.52 -0.24	18.20 -0.50 -0.25	18.87 -0.54 -0.23	18.87 -0.58 -0.24	20.33 -0.55 -0.37	29.40 -0.72 -0.15	28.99 -0.62 -0.10	25.79 -0.50 -0.06	24.50 -0.37 -0.05	17.56 -0.25 -0.20	22.58 -0.37 0.00
BRANSCOMB___SOLAR 323811	25.80 0.28 -19.63	24.25 0.24 -18.72	22.93 0.22 -17.74	22.77 0.21 -17.81	23.43 0.22 -18.29	25.87 0.28 -19.89	32.51 0.74 -18.31	39.27 1.28 -15.60	38.31 1.13 -17.61	33.69 1.19 -12.00	32.96 1.42 -5.79	32.74 1.43 -5.34	33.18 1.21 -10.03	34.19 1.03 -13.78	33.83 1.00 -14.39	33.51 1.05 -13.28	34.13 1.08 -13.84	43.05 1.21 -21.32	40.50 1.80 -8.73	37.05 1.74 -5.80	31.12 1.52 -3.36	29.05 1.36 -2.87	29.82 0.85 -11.37	24.00 1.06 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.07 0.64 -16.54	20.98 0.56 -15.13	19.80 0.50 -14.33	19.62 0.48 -14.39	20.19 0.49 -14.78	22.36 0.59 -16.07	36.46 1.49 -21.49	38.90 2.51 -13.99	37.88 2.25 -16.05	37.82 2.38 -14.94	40.81 2.81 -12.25	39.50 2.86 -10.67	37.73 2.44 -13.35	37.49 2.19 -15.92	37.70 2.16 -17.09	38.20 2.24 -16.78	42.56 2.25 -21.10	51.65 1.97 -29.16	50.22 3.12 -17.14	52.77 3.04 -20.22	36.09 2.94 -6.92	35.37 2.68 -7.87	31.74 1.92 -12.21	28.78 2.52 -3.32
BRISTLHL_115KV_TB1 79998	9.39 0.19 -3.30	8.60 0.16 -3.15	8.09 0.13 -2.98	7.87 0.13 -3.00	8.13 0.14 -3.08	9.25 0.21 -3.35	16.98 0.43 -3.08	25.81 0.78 -2.62	23.18 0.65 -2.96	23.17 0.66 -2.02	27.53 0.80 -0.97	27.67 0.81 -0.90	24.29 0.66 -1.69	22.26 0.56 -2.32	21.38 0.52 -2.42	21.91 0.50 -2.23	22.06 0.52 -2.33	23.99 -0.12 -3.59	31.26 -0.18 -1.47	30.28 -0.21 -0.98	26.62 -0.18 -0.57	25.13 -0.17 -0.48	19.45 -0.07 -1.91	22.85 -0.09 0.00
BROOKHAVEN___DRP 24191	23.13 0.70 -16.54	21.03 0.61 -15.13	19.85 0.54 -14.33	19.67 0.53 -14.39	20.24 0.54 -14.78	22.42 0.66 -16.07	39.97 1.67 -24.84	44.44 2.80 -19.24	44.29 2.52 -22.19	44.72 2.62 -21.60	66.00 3.12 -37.12	60.72 3.17 -31.58	55.26 2.72 -30.60	53.47 2.42 -31.66	55.19 2.38 -34.37	57.25 2.47 -35.60	75.16 2.48 -53.47	91.25 2.40 -68.33	83.95 3.72 -50.27	104.44 3.66 -71.28	47.59 3.28 -18.08	46.68 3.00 -18.86	35.84 2.15 -16.08	29.19 2.82 -3.42

BROOKLYN_NAVY_YARD 23515	22.13 0.36 -15.87	20.75 0.34 -15.13	19.60 0.30 -14.33	19.42 0.28 -14.39	19.97 0.28 -14.78	22.09 0.32 -16.07	29.13 0.86 -14.80	36.68 1.68 -12.60	35.34 1.55 -14.23	31.73 1.48 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.73	31.93 1.54 -11.19	39.39 1.64 -17.23	39.48 2.46 -7.06	36.56 2.36 -4.69	30.91 1.94 -2.73	28.81 1.66 -2.33	27.91 1.07 -9.23	24.45 1.45 -0.06
BROOKLYN___ARMY_DRP 323595	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
BROOKVLE_69_KV_TB1 55790	22.93 0.50 -16.54	20.86 0.44 -15.13	19.70 0.39 -14.33	19.51 0.38 -14.39	20.08 0.38 -14.78	22.23 0.46 -16.07	35.23 1.21 -20.55	37.17 2.17 -12.60	35.81 1.92 -14.32	35.40 1.99 -12.92	32.93 2.50 -4.68	32.83 2.55 -4.31	32.22 2.17 -8.10	32.47 1.96 -11.13	32.18 1.90 -11.84	32.19 1.96 -11.05	32.40 1.94 -11.25	39.71 1.95 -17.24	40.02 3.00 -7.06	37.15 2.95 -4.69	32.31 2.54 -3.53	31.63 2.28 -4.53	30.48 1.51 -11.36	28.20 1.97 -3.28
BROOME_2_LFGE 323671	13.25 0.21 -7.15	12.28 0.17 -6.81	11.56 0.13 -6.46	11.36 0.13 -6.48	11.72 0.14 -6.66	13.15 0.21 -7.24	20.59 0.46 -6.66	28.79 0.72 -5.68	26.63 0.64 -6.41	25.46 0.59 -4.37	28.53 0.67 -2.11	28.62 0.70 -1.94	26.23 0.64 -3.65	24.96 0.56 -5.01	24.24 0.55 -5.24	24.59 0.57 -4.83	24.82 0.58 -5.04	28.83 0.57 -7.74	33.97 0.84 -3.17	32.41 0.80 -2.10	28.13 0.68 -1.22	26.51 0.64 -1.04	22.17 0.44 -4.12	23.72 0.78 0.00
BROOME___LFGE 323600	13.25 0.21 -7.15	12.28 0.17 -6.81	11.56 0.13 -6.46	11.36 0.13 -6.48	11.72 0.14 -6.66	13.15 0.21 -7.24	20.59 0.46 -6.66	28.79 0.72 -5.68	26.63 0.64 -6.41	25.46 0.59 -4.37	28.53 0.67 -2.11	28.62 0.70 -1.94	26.23 0.64 -3.65	24.96 0.56 -5.01	24.24 0.55 -5.24	24.59 0.57 -4.83	24.82 0.58 -5.04	28.83 0.57 -7.74	33.97 0.84 -3.17	32.41 0.80 -2.10	28.13 0.68 -1.22	26.51 0.64 -1.04	22.17 0.44 -4.12	23.72 0.78 0.00
BROWNFLS_115KV_TB_3_5 80003	6.78 -0.09 -0.98	6.14 -0.08 -0.93	5.79 -0.06 -0.88	5.57 -0.07 -0.89	5.76 -0.07 -0.91	6.60 -0.09 -0.99	14.19 -0.19 -0.91	22.89 -0.29 -0.78	20.16 -0.29 -0.88	20.85 -0.25 -0.60	25.73 -0.31 -0.29	25.74 -0.49 -0.27	21.87 -0.57 -0.50	19.53 -0.54 -0.69	18.65 -0.52 -0.72	19.28 -0.56 -0.66	19.30 -0.60 -0.69	20.97 -0.62 -1.06	29.59 -0.81 -0.44	29.09 -0.71 -0.29	25.82 -0.58 -0.17	24.59 -0.37 -0.14	17.96 -0.21 -0.57	22.60 -0.34 0.00
BROWNSV1_27_KV_LOAD 356125	22.19 0.42 -15.87	20.80 0.39 -15.13	19.65 0.34 -14.33	19.46 0.32 -14.39	20.01 0.31 -14.78	22.13 0.36 -16.07	29.31 1.01 -14.84	36.90 1.90 -12.60	35.48 1.68 -14.23	31.96 1.70 -9.76	32.67 2.24 -4.68	32.57 2.29 -4.31	32.00 1.95 -8.10	32.28 1.76 -11.13	31.78 1.70 -11.63	31.66 1.75 -10.73	32.10 1.71 -11.19	39.56 1.81 -17.24	39.72 2.70 -7.06	36.85 2.66 -4.69	31.20 2.23 -2.73	29.09 1.94 -2.33	28.11 1.27 -9.23	24.64 1.63 -0.06
BURROWS___LYONSDAL 23803	7.11 0.06 -1.15	6.43 0.05 -1.10	6.06 0.04 -1.04	5.85 0.05 -1.05	6.04 0.05 -1.07	6.93 0.07 -1.17	14.73 0.19 -1.07	23.67 0.36 -0.92	20.88 0.27 -1.03	21.51 0.31 -0.70	26.43 0.33 -0.34	26.54 0.26 -0.31	22.73 0.20 -0.59	20.33 0.14 -0.81	19.42 0.13 -0.84	20.07 0.12 -0.78	20.14 0.12 -0.81	21.96 0.18 -1.25	30.78 0.30 -0.51	30.23 0.38 -0.34	26.75 0.31 -0.20	25.34 0.35 -0.17	18.51 0.23 -0.67	23.20 0.25 0.00
CAITHNESS_CC_1 323624	23.11 0.68 -16.54	21.02 0.60 -15.14	19.83 0.53 -14.33	19.66 0.51 -14.40	20.23 0.53 -14.79	22.42 0.64 -16.08	39.91 1.63 -24.81	44.38 2.78 -19.21	44.14 2.43 -22.14	44.67 2.54 -21.63	65.98 3.04 -37.24	60.68 3.04 -31.68	55.23 2.61 -30.68	53.46 2.34 -31.74	55.20 2.31 -34.44	57.26 2.40 -35.68	75.22 2.40 -53.61	91.33 2.32 -68.49	83.98 3.59 -50.42	104.52 3.51 -71.51	47.51 3.15 -18.13	46.58 2.85 -18.91	47.93 2.06 -28.26	29.03 2.66 -3.42
CALPINE BETH_PAGE_GT4 24209	22.98 0.54 -16.54	20.90 0.49 -15.13	19.73 0.43 -14.33	19.55 0.41 -14.39	20.12 0.42 -14.78	22.28 0.51 -16.07	35.36 1.24 -20.66	37.22 2.13 -12.69	35.99 1.90 -14.52	35.59 1.97 -13.12	33.59 2.40 -5.44	33.34 2.42 -4.95	32.63 2.06 -8.63	32.86 1.86 -11.61	32.64 1.83 -12.36	32.69 1.88 -11.63	33.33 1.88 -12.24	40.78 1.83 -18.44	40.92 2.88 -8.07	38.59 2.83 -6.25	32.67 2.57 -3.87	31.99 2.31 -4.87	30.57 1.60 -11.36	28.32 2.09 -3.29
CALPINE_BETH_PAGE_GT_4 323586	22.98 0.54 -16.54	20.91 0.49 -15.14	19.74 0.43 -14.33	19.56 0.41 -14.40	20.13 0.42 -14.79	22.28 0.51 -16.08	35.36 1.24 -20.66	37.29 2.20 -12.70	35.99 1.90 -14.52	35.59 1.97 -13.12	33.60 2.40 -5.44	33.32 2.39 -4.96	32.64 2.06 -8.64	32.86 1.86 -11.62	32.64 1.83 -12.36	32.69 1.88 -11.63	33.33 1.88 -12.24	40.78 1.83 -18.43	40.95 2.91 -8.08	38.60 2.83 -6.26	32.67 2.57 -3.87	31.99 2.31 -4.86	30.94 1.59 -11.75	28.27 2.04 -3.29
CALPINE_BP_GT1 23823	22.98 0.54 -16.54	20.91 0.49 -15.14	19.74 0.43 -14.33	19.56 0.41 -14.40	20.13 0.42 -14.79	22.28 0.51 -16.08	35.36 1.24 -20.66	37.29 2.20 -12.70	35.99 1.90 -14.52	35.59 1.97 -13.12	33.60 2.40 -5.44	33.32 2.39 -4.96	32.64 2.06 -8.64	32.86 1.86 -11.62	32.64 1.83 -12.36	32.69 1.88 -11.63	33.33 1.88 -12.24	40.78 1.83 -18.43	40.95 2.91 -8.08	38.60 2.83 -6.26	32.67 2.57 -3.87	31.99 2.31 -4.86	30.94 1.59 -11.75	28.27 2.04 -3.29
CALSPAN___DRP 24200	10.75 0.17 -4.68	9.87 0.12 -4.46	9.22 0.02 -4.23	9.05 0.05 -4.25	9.34 0.06 -4.36	10.63 0.19 -4.74	18.07 0.24 -4.36	26.03 -0.09 -3.72	23.75 -0.02 -4.20	23.19 -0.16 -2.86	26.67 -0.46 -1.38	26.98 -0.26 -1.27	24.38 0.04 -2.39	22.71 0.04 -3.28	21.95 0.07 -3.43	22.42 0.08 -3.17	22.61 0.10 -3.30	25.61 0.00 -5.09	31.84 -0.21 -2.08	30.66 -0.24 -1.38	26.90 -0.13 -0.80	25.48 -0.02 -0.68	20.37 0.05 -2.71	23.49 0.55 0.00
CALVERTON___SOLAR 323806	23.15 0.72 -16.54	21.05 0.63 -15.14	19.87 0.56 -14.33	19.69 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.05 1.74 -24.85	44.64 2.98 -19.26	44.40 2.62 -22.21	44.84 2.75 -21.60	66.11 3.25 -37.11	60.81 3.27 -31.57	55.36 2.83 -30.59	53.57 2.54 -31.65	55.27 2.47 -34.35	57.35 2.59 -35.58	75.24 2.59 -53.44	91.33 2.52 -68.29	84.10 3.89 -50.24	104.58 3.83 -71.23	47.71 3.41 -18.07	46.77 3.10 -18.85	48.02 2.22 -28.19	29.21 2.84 -3.42
CANDIGU_WT_PWR 323617	11.63 0.18 -5.55	10.71 0.13 -5.29	10.05 0.05 -5.02	9.86 0.08 -5.04	10.17 0.08 -5.17	11.52 0.20 -5.62	19.01 0.36 -5.18	27.15 0.34 -4.41	24.92 0.37 -4.98	24.14 0.25 -3.39	27.52 0.13 -1.64	27.74 0.26 -1.51	25.13 0.35 -2.84	23.59 0.31 -3.90	22.87 0.35 -4.07	23.32 0.38 -3.76	23.53 0.40 -3.91	26.94 0.41 -6.01	33.00 0.57 -2.46	31.67 0.53 -1.64	27.65 0.47 -0.95	26.10 0.47 -0.81	21.17 0.35 -3.20	23.79 0.85 0.00

CARR STREET_E__SYR 24060	9.46 0.09 -3.47	8.66 0.06 -3.31	8.15 0.04 -3.14	7.94 0.04 -3.15	8.20 0.05 -3.24	9.31 0.09 -3.52	16.91 0.20 -3.24	25.49 0.34 -2.76	22.98 0.29 -3.11	22.91 0.29 -2.12	27.09 0.31 -1.02	27.25 0.34 -0.94	24.00 0.28 -1.77	22.07 0.25 -2.44	21.21 0.22 -2.55	21.74 0.21 -2.35	21.87 0.21 -2.45	24.35 0.14 -3.68	31.66 0.18 -1.51	30.66 0.15 -1.00	26.95 0.13 -0.58	25.44 0.12 -0.50	19.70 0.12 -1.96	23.13 0.18 0.00
CARTHAGE__PAPER 23857	7.68 -0.01 -1.78	6.97 -0.02 -1.70	6.58 -0.01 -1.61	6.37 0.00 -1.62	6.57 0.00 -1.66	7.52 0.01 -1.81	15.24 0.11 -1.66	24.06 0.25 -1.42	21.31 0.14 -1.60	21.73 0.14 -1.09	26.38 0.10 -0.53	26.43 -0.03 -0.49	22.76 -0.09 -0.91	20.50 -0.13 -1.25	19.63 -0.13 -1.31	20.23 -0.15 -1.21	20.31 -0.15 -1.26	22.12 -0.19 -1.78	30.52 -0.18 -0.73	29.93 -0.06 -0.49	26.46 -0.05 -0.28	25.09 0.02 -0.24	18.58 0.02 -0.95	22.85 -0.09 0.00
CASSADAGA_WT_PWR 323784	10.78 0.05 -4.83	9.90 0.00 -4.61	9.24 -0.10 -4.37	9.07 -0.06 -4.38	9.36 -0.05 -4.50	10.69 0.10 -4.90	18.05 0.08 -4.51	25.92 -0.31 -3.84	23.85 -0.06 -4.33	23.27 -0.18 -2.95	26.74 -0.44 -1.42	27.10 -0.18 -1.31	24.65 0.24 -2.47	23.05 0.27 -3.39	22.32 0.33 -3.54	22.87 0.42 -3.27	23.15 0.54 -3.41	26.26 0.51 -5.23	32.71 0.60 -2.14	31.49 0.56 -1.42	27.55 0.50 -0.82	26.05 0.52 -0.70	20.77 0.37 -2.79	24.07 1.12 0.00
CE_DUNWOOD__DRP 24194	22.10 0.37 -15.84	20.72 0.33 -15.10	19.57 0.29 -14.31	19.39 0.28 -14.37	19.95 0.28 -14.76	22.08 0.34 -16.05	29.14 0.90 -14.77	36.62 1.64 -12.58	35.25 1.47 -14.21	31.70 1.52 -9.68	32.36 1.93 -4.67	32.23 1.95 -4.31	31.70 1.67 -8.09	31.99 1.49 -11.11	31.53 1.48 -11.61	31.41 1.52 -10.71	31.88 1.50 -11.17	39.29 1.56 -17.21	39.32 2.31 -7.05	36.46 2.27 -4.68	30.89 1.94 -2.71	28.85 1.71 -2.31	27.89 1.11 -9.18	24.41 1.47 0.00
CE_MILLWOOD__DRP 24193	22.01 0.37 -15.75	20.63 0.32 -15.02	19.49 0.28 -14.23	19.31 0.27 -14.29	19.86 0.27 -14.68	21.99 0.33 -15.96	29.03 0.88 -14.69	36.50 1.59 -12.51	35.11 1.41 -14.13	31.60 1.48 -9.63	32.25 1.85 -4.64	32.15 1.90 -4.28	31.59 1.60 -8.05	31.89 1.45 -11.05	31.42 1.42 -11.55	31.31 1.48 -10.65	31.78 1.46 -11.11	39.16 1.52 -17.12	39.23 2.25 -7.01	36.38 2.21 -4.66	30.82 1.89 -2.70	28.81 1.69 -2.30	27.81 1.07 -9.12	24.37 1.42 0.00
CE_NYC2_DRP 24202	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.07 0.31 -16.07	29.15 0.85 -14.84	36.61 1.61 -12.60	35.27 1.47 -14.23	31.75 1.50 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.87 1.48 -11.19	39.34 1.58 -17.24	39.33 2.31 -7.06	36.44 2.24 -4.69	30.86 1.89 -2.73	28.81 1.66 -2.33	27.90 1.06 -9.23	24.39 1.38 -0.06
CE_NYC_DRP 24195	21.93 0.38 -15.66	20.64 0.35 -15.00	19.56 0.31 -14.28	19.39 0.29 -14.35	19.91 0.29 -14.70	21.89 0.34 -15.86	28.57 0.93 -14.18	35.70 1.77 -11.53	34.39 1.57 -13.25	31.09 1.58 -9.01	31.78 2.06 -3.96	31.68 2.10 -3.61	31.84 1.80 -8.10	32.14 1.63 -11.13	31.67 1.59 -11.63	31.52 1.61 -10.73	31.99 1.59 -11.19	39.42 1.66 -17.24	39.51 2.49 -7.06	36.62 2.42 -4.69	31.01 2.05 -2.73	28.94 1.79 -2.33	28.00 1.16 -9.23	24.52 1.51 -0.06
CHAFFEE__LFGE 323603	10.82 0.16 -4.76	9.94 0.12 -4.54	9.29 0.01 -4.30	9.11 0.04 -4.32	9.40 0.05 -4.44	10.71 0.19 -4.82	18.15 0.24 -4.44	26.00 -0.18 -3.78	23.86 0.02 -4.27	23.24 -0.16 -2.91	26.70 -0.46 -1.40	27.01 -0.26 -1.29	24.44 0.07 -2.43	22.76 0.04 -3.34	22.01 0.07 -3.49	22.47 0.08 -3.22	22.66 0.10 -3.36	25.67 0.00 -5.15	31.90 -0.18 -2.11	30.67 -0.24 -1.40	26.91 -0.13 -0.81	25.46 -0.05 -0.69	20.39 0.04 -2.74	23.59 0.64 0.00
CHATEAUG_35_KV_LOAD 355732	5.72 -0.18 0.00	5.14 -0.14 0.00	4.84 -0.13 0.00	4.59 -0.16 0.00	4.75 -0.16 0.00	5.50 -0.19 0.00	12.99 -0.47 0.00	21.57 -0.83 0.00	18.81 -0.76 0.00	19.78 -0.72 0.00	25.14 -0.62 0.00	25.29 -0.68 0.00	21.26 -0.68 0.00	18.74 -0.64 0.00	17.86 -0.59 0.00	18.60 -0.58 0.00	18.67 -0.54 0.00	20.09 -0.43 0.00	29.40 -0.57 0.00	28.89 -0.62 0.00	25.73 -0.50 0.00	24.30 -0.52 0.00	17.33 -0.28 0.00	22.60 -0.34 0.00
CHATEAUG_WT_PWR 323614	5.73 -0.17 0.00	5.15 -0.14 0.00	4.84 -0.13 0.00	4.59 -0.16 0.00	4.75 -0.16 0.00	5.50 -0.19 0.00	13.01 -0.46 0.00	21.59 -0.81 0.00	18.83 -0.74 0.00	19.78 -0.72 0.00	25.16 -0.59 0.00	25.32 -0.65 0.00	21.28 -0.66 0.00	18.74 -0.64 0.00	17.86 -0.59 0.00	18.62 -0.56 0.00	18.67 -0.54 0.00	20.11 -0.41 0.00	29.40 -0.57 0.00	28.89 -0.62 0.00	25.71 -0.52 0.00	24.27 -0.55 0.00	17.31 -0.30 0.00	22.48 -0.46 0.00
CHAT_HIGH_FALL_HYD 323578	5.72 -0.18 0.00	5.14 -0.14 0.00	4.84 -0.13 0.00	4.59 -0.16 0.00	4.75 -0.16 0.00	5.50 -0.19 0.00	12.99 -0.47 0.00	21.57 -0.83 0.00	18.81 -0.76 0.00	19.78 -0.72 0.00	25.14 -0.62 0.00	25.29 -0.68 0.00	21.26 -0.68 0.00	18.74 -0.64 0.00	17.86 -0.59 0.00	18.60 -0.57 0.00	18.67 -0.54 0.00	20.09 -0.43 0.00	29.40 -0.57 0.00	28.89 -0.62 0.00	25.73 -0.50 0.00	24.30 -0.52 0.00	17.33 -0.28 0.00	22.51 -0.44 0.00
CHAUTAUQUA__LFGE 323629	10.85 0.16 -4.79	9.96 0.11 -4.57	9.31 0.00 -4.33	9.13 0.04 -4.34	9.43 0.05 -4.46	10.74 0.19 -4.85	18.21 0.28 -4.47	26.14 -0.07 -3.80	24.00 0.14 -4.29	23.38 -0.04 -2.93	26.88 -0.28 -1.41	27.22 -0.05 -1.30	24.67 0.28 -2.45	23.02 0.27 -3.36	22.25 0.29 -3.51	22.76 0.35 -3.24	22.97 0.38 -3.38	26.03 0.33 -5.18	32.42 0.33 -2.12	31.18 0.26 -1.41	27.34 0.29 -0.82	25.86 0.35 -0.70	20.65 0.28 -2.76	23.84 0.89 0.00
CHERRYST_13_KV_LD 356241	21.95 0.39 -15.66	20.65 0.36 -15.00	19.57 0.32 -14.28	19.40 0.30 -14.35	19.92 0.30 -14.70	21.90 0.35 -15.86	28.61 0.97 -14.18	35.77 1.84 -11.53	34.45 1.62 -13.25	31.15 1.64 -9.01	31.88 2.16 -3.96	31.76 2.18 -3.61	31.91 1.86 -8.10	32.22 1.71 -11.13	31.72 1.64 -11.63	31.60 1.69 -10.73	32.05 1.65 -11.19	39.48 1.72 -17.24	39.60 2.58 -7.06	36.70 2.51 -4.69	31.07 2.10 -2.73	28.99 1.84 -2.33	28.04 1.20 -9.23	24.57 1.56 -0.06
CHESTROR_138KV_BK263 355645	20.37 0.32 -14.14	19.06 0.29 -13.49	18.00 0.25 -12.78	17.82 0.24 -12.83	18.34 0.24 -13.18	20.32 0.29 -14.33	27.41 0.75 -13.19	35.00 1.37 -11.24	33.47 1.21 -12.69	30.35 1.21 -8.65	31.47 1.55 -4.17	31.38 1.56 -3.85	30.51 1.34 -7.23	30.49 1.18 -9.93	30.00 1.18 -10.37	29.97 1.23 -9.57	30.39 1.21 -9.97	37.19 1.29 -15.37	38.18 1.92 -6.30	35.58 1.89 -4.18	30.23 1.57 -2.42	28.30 1.41 -2.07	26.72 0.92 -8.19	24.16 1.22 0.00
CH_MIDHUDSON__DRP 24192	22.25 0.35 -16.01	20.86 0.31 -15.27	19.71 0.27 -14.46	19.53 0.26 -14.52	20.09 0.26 -14.92	22.23 0.31 -16.22	29.19 0.79 -14.93	36.55 1.43 -12.72	35.20 1.27 -14.36	31.60 1.31 -9.79	32.15 1.67 -4.72	32.01 1.69 -4.35	31.54 1.43 -8.18	31.90 1.28 -11.23	31.46 1.27 -11.74	31.33 1.32 -10.83	31.82 1.33 -11.29	39.30 1.40 -17.38	39.12 2.04 -7.12	36.24 2.01 -4.73	30.68 1.71 -2.74	28.70 1.54 -2.34	27.86 0.99 -9.26	24.27 1.33 0.00

CH_MISC_IPPS 23765	21.88 0.38 -15.60	20.50 0.33 -14.88	19.37 0.29 -14.10	19.18 0.28 -14.15	19.74 0.28 -14.54	21.84 0.34 -15.81	28.89 0.87 -14.55	36.43 1.63 -12.39	34.98 1.41 -13.99	31.47 1.43 -9.54	32.23 1.88 -4.60	32.08 1.87 -4.24	31.49 1.58 -7.97	31.73 1.40 -10.95	31.29 1.40 -11.44	31.19 1.46 -10.55	31.63 1.42 -11.00	39.04 1.52 -17.00	39.15 2.22 -6.96	36.31 2.18 -4.62	30.75 1.84 -2.68	28.77 1.66 -2.28	27.73 1.06 -9.06	24.39 1.45 0.00
CH_RES_BVR_FALLS 23983	5.80 -0.10 0.00	5.21 -0.08 0.00	4.91 -0.06 0.00	4.68 -0.07 0.00	4.84 -0.07 0.00	5.60 -0.10 0.00	13.22 -0.24 0.00	22.13 -0.27 0.00	19.34 -0.23 0.00	20.27 -0.23 0.00	25.50 -0.26 0.00	25.68 -0.29 0.00	21.68 -0.26 0.00	19.15 -0.23 0.00	18.23 -0.22 0.00	18.97 -0.21 0.00	19.00 -0.21 0.00	20.32 -0.21 0.00	29.46 -0.51 0.00	29.03 -0.47 0.00	25.81 -0.42 0.00	24.45 -0.37 0.00	17.35 -0.26 0.00	22.60 -0.34 0.00
CH_RES_NIAGARA 23895	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.24 -0.74 -3.58	23.14 -0.47 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.76 -0.64 -4.87	30.82 -1.14 -2.00	29.68 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.65	19.84 -0.37 -2.60	22.67 -0.27 0.00
CH_RES_SYRACUSE 23985	9.80 0.16 -3.74	8.98 0.13 -3.56	8.46 0.10 -3.38	8.24 0.10 -3.39	8.51 0.11 -3.48	9.65 0.17 -3.79	17.33 0.38 -3.48	26.02 0.65 -2.97	23.49 0.57 -3.35	23.35 0.57 -2.28	27.53 0.67 -1.10	27.69 0.70 -1.02	24.42 0.57 -1.91	22.51 0.50 -2.62	21.65 0.46 -2.74	22.17 0.46 -2.53	22.30 0.46 -2.64	24.79 0.33 -3.94	32.03 0.45 -1.61	30.99 0.41 -1.07	27.22 0.37 -0.62	25.67 0.32 -0.53	19.97 0.26 -2.10	23.31 0.37 0.00
CLINTON_WT_PWR 323605	5.73 -0.17 0.00	5.15 -0.14 0.00	4.84 -0.13 0.00	4.59 -0.16 0.00	4.75 -0.16 0.00	5.50 -0.19 0.00	13.01 -0.46 0.00	21.59 -0.81 0.00	18.83 -0.74 0.00	19.78 -0.72 0.00	25.16 -0.59 0.00	25.32 -0.65 0.00	21.28 -0.66 0.00	18.74 -0.64 0.00	17.86 -0.59 0.00	18.62 -0.56 0.00	18.67 -0.54 0.00	20.11 -0.41 0.00	29.40 -0.57 0.00	28.89 -0.62 0.00	25.71 -0.52 0.00	24.27 -0.55 0.00	17.31 -0.30 0.00	22.48 -0.46 0.00
CLINTON__LFGE 323618	5.78 -0.12 0.00	5.20 -0.08 0.00	4.89 -0.08 0.00	4.63 -0.11 0.00	4.80 -0.12 0.00	5.56 -0.14 0.00	13.12 -0.35 0.00	21.77 -0.63 0.00	18.99 -0.59 0.00	19.98 -0.51 0.00	25.39 -0.36 0.00	25.55 -0.42 0.00	21.48 -0.46 0.00	18.94 -0.45 0.00	18.04 -0.41 0.00	18.79 -0.38 0.00	18.86 -0.35 0.00	20.30 -0.23 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.74 -0.21 0.00
COBBLENY_34_KV_TB1 80064	10.82 0.17 -4.76	9.94 0.12 -4.54	9.29 0.01 -4.30	9.11 0.04 -4.32	9.40 0.05 -4.44	10.71 0.19 -4.82	18.15 0.24 -4.44	26.09 -0.09 -3.78	23.82 -0.02 -4.27	23.24 -0.16 -2.91	26.69 -0.46 -1.40	27.01 -0.26 -1.29	24.44 0.07 -2.43	22.76 0.04 -3.34	22.01 0.07 -3.49	22.47 0.08 -3.22	22.66 0.10 -3.36	25.72 0.02 -5.17	31.91 -0.18 -2.12	30.68 -0.24 -1.41	26.92 -0.13 -0.82	25.47 -0.05 -0.70	20.40 0.04 -2.76	23.54 0.60 0.00
COFFEEN__115KV_TB3 355620	8.06 0.09 -2.07	7.33 0.07 -1.98	6.91 0.06 -1.87	6.70 0.08 -1.88	6.92 0.07 -1.93	7.91 0.11 -2.10	15.74 0.34 -1.93	24.70 0.65 -1.65	21.90 0.47 -1.86	22.25 0.49 -1.27	26.86 0.49 -0.61	26.92 0.39 -0.56	23.28 0.29 -1.06	21.01 0.17 -1.45	20.11 0.15 -1.52	20.71 0.13 -1.40	20.80 0.13 -1.46	22.83 0.06 -2.25	31.10 0.21 -0.92	30.47 0.35 -0.61	26.88 0.29 -0.36	25.45 0.32 -0.30	19.04 0.23 -1.20	23.17 0.23 0.00
COLDSPRG_115KV_BK1 355956	10.96 0.17 -4.90	10.06 0.10 -4.67	9.40 0.00 -4.43	9.23 0.03 -4.45	9.52 0.04 -4.57	10.87 0.21 -4.97	18.35 0.31 -4.57	26.45 0.16 -3.89	24.20 0.23 -4.40	23.57 0.08 -3.00	27.05 -0.15 -1.44	27.41 0.10 -1.33	24.84 0.39 -2.50	23.19 0.37 -3.44	22.43 0.39 -3.59	22.92 0.42 -3.32	23.16 0.50 -3.46	26.34 0.49 -5.33	32.75 0.60 -2.18	31.52 0.56 -1.45	27.52 0.45 -0.84	26.03 0.50 -0.72	20.78 0.33 -2.84	24.23 1.28 0.00
COLONIE_LFGE__ 323577	25.61 0.24 -19.47	24.08 0.22 -18.57	22.77 0.19 -17.60	22.61 0.19 -17.67	23.26 0.20 -18.15	25.68 0.24 -19.73	32.25 0.62 -18.16	38.95 1.08 -15.47	37.98 0.94 -17.47	33.39 0.98 -11.91	32.68 1.19 -5.74	32.49 1.22 -5.30	32.92 1.03 -9.95	33.94 0.89 -13.67	33.59 0.87 -14.28	33.27 0.92 -13.17	33.87 0.92 -13.73	42.70 1.03 -21.15	40.13 1.50 -8.66	36.71 1.45 -5.75	30.83 1.26 -3.34	28.83 1.17 -2.84	29.59 0.71 -11.28	23.84 0.89 0.00
COOPERNY_115KV_TB1 80082	17.48 0.27 -11.31	16.32 0.24 -10.79	15.41 0.21 -10.22	15.21 0.20 -10.26	15.66 0.20 -10.54	17.41 0.25 -11.46	24.65 0.63 -10.55	32.51 1.12 -8.99	30.72 1.00 -10.15	28.42 1.00 -6.92	30.35 1.26 -3.34	30.32 1.27 -3.08	28.82 1.10 -5.78	28.29 0.97 -7.94	27.70 0.96 -8.29	27.83 1.00 -7.65	28.19 1.00 -7.98	33.86 1.05 -12.29	36.56 1.56 -5.04	34.39 1.53 -3.34	29.48 1.31 -1.94	27.64 1.17 -1.65	24.92 0.76 -6.55	23.95 1.01 0.00
COPENHAGEN_WT_PWR 323753	8.12 0.07 -2.15	7.38 0.05 -2.05	6.96 0.04 -1.94	6.75 0.05 -1.95	6.97 0.05 -2.00	7.96 0.09 -2.18	15.74 0.27 -2.00	24.64 0.54 -1.71	21.87 0.37 -1.93	22.20 0.39 -1.31	26.78 0.39 -0.63	26.84 0.29 -0.58	23.23 0.20 -1.10	21.01 0.12 -1.51	20.12 0.09 -1.58	20.69 0.06 -1.45	20.80 0.08 -1.52	22.60 -0.06 -2.14	30.84 0.00 -0.88	30.21 0.12 -0.58	26.68 0.11 -0.34	25.23 0.12 -0.29	18.86 0.11 -1.14	22.99 0.05 0.00
CORNELL____ 23752	11.76 0.27 -5.60	10.85 0.22 -5.34	10.22 0.18 -5.06	10.01 0.18 -5.08	10.32 0.19 -5.22	11.64 0.27 -5.68	19.31 0.62 -5.22	27.93 1.08 -4.45	25.52 0.92 -5.03	24.80 0.88 -3.43	28.44 1.03 -1.65	28.53 1.04 -1.52	25.68 0.88 -2.86	24.09 0.78 -3.93	23.31 0.76 -4.11	23.75 0.79 -3.79	23.99 0.83 -3.95	27.47 0.86 -6.09	33.72 1.26 -2.49	32.37 1.21 -1.66	28.24 1.05 -0.96	26.61 0.97 -0.82	21.52 0.67 -3.25	23.86 0.92 0.00
CORONAAV_69_KV_TB1 355595	22.95 0.51 -16.54	20.87 0.46 -15.13	19.72 0.41 -14.33	19.53 0.39 -14.39	20.09 0.40 -14.78	22.25 0.48 -16.07	35.18 1.20 -20.51	37.13 2.13 -12.60	35.71 1.88 -14.26	35.36 1.95 -12.92	32.85 2.42 -4.68	32.75 2.47 -4.31	32.13 2.08 -8.10	32.40 1.88 -11.13	32.11 1.83 -11.84	32.13 1.90 -11.05	32.34 1.88 -11.25	39.63 1.87 -17.24	39.93 2.91 -7.06	37.06 2.86 -4.69	32.23 2.47 -3.53	31.56 2.21 -4.53	30.46 1.50 -11.36	28.25 2.02 -3.28
CORTLAND_115KV_TB3 80093	10.85 0.20 -4.75	9.99 0.16 -4.53	9.41 0.13 -4.30	9.20 0.13 -4.31	9.49 0.14 -4.43	10.72 0.21 -4.82	18.37 0.47 -4.43	26.98 0.81 -3.78	24.54 0.70 -4.27	24.08 0.68 -2.91	27.96 0.80 -1.40	28.07 0.81 -1.29	25.05 0.68 -2.43	23.32 0.60 -3.34	22.51 0.57 -3.49	22.99 0.59 -3.22	23.18 0.61 -3.35	26.30 0.62 -5.17	32.98 0.90 -2.12	31.80 0.89 -1.41	27.81 0.76 -0.81	26.21 0.69 -0.69	20.84 0.48 -2.75	23.63 0.69 0.00

COXSACKIE___GT 23611	24.37 0.27 -18.20	22.88 0.23 -17.36	21.62 0.20 -16.45	21.45 0.19 -16.51	22.10 0.23 -16.96	24.41 0.27 -18.44	31.18 0.74 -16.97	38.13 1.28 -14.46	37.01 1.12 -16.32	32.69 1.07 -11.13	32.46 1.34 -5.37	32.22 1.30 -4.95	32.34 1.10 -9.30	33.05 0.89 -12.77	32.68 0.89 -13.34	32.49 1.00 -12.31	33.14 1.09 -12.83	41.60 1.31 -19.76	39.92 1.86 -8.10	36.68 1.80 -5.38	30.79 1.44 -3.12	28.84 1.36 -2.66	28.92 0.77 -10.53	24.18 1.24 0.00
CPV_VALLEY___CC1 323721	19.39 0.31 -13.19	18.13 0.26 -12.58	17.12 0.23 -11.92	16.94 0.22 -11.96	17.43 0.23 -12.29	19.34 0.28 -13.36	26.48 0.71 -12.30	34.20 1.32 -10.48	32.53 1.13 -11.83	29.71 1.15 -8.06	31.11 1.47 -3.89	31.01 1.45 -3.59	29.93 1.25 -6.74	29.76 1.12 -9.25	29.22 1.11 -9.67	29.25 1.15 -8.92	29.64 1.13 -9.30	36.06 1.21 -14.32	37.63 1.80 -5.87	35.17 1.77 -3.90	29.99 1.49 -2.26	28.09 1.34 -1.93	26.09 0.85 -7.64	24.09 1.15 0.00
CPV_VALLEY___CC2 323722	19.39 0.31 -13.19	18.13 0.26 -12.58	17.12 0.23 -11.92	16.94 0.22 -11.96	17.43 0.23 -12.29	19.34 0.28 -13.36	26.48 0.71 -12.30	34.20 1.32 -10.48	32.53 1.13 -11.83	29.71 1.15 -8.06	31.11 1.47 -3.89	31.01 1.45 -3.59	29.93 1.25 -6.74	29.76 1.12 -9.25	29.22 1.11 -9.67	29.25 1.15 -8.92	29.64 1.13 -9.30	36.06 1.21 -14.32	37.63 1.80 -5.87	35.17 1.77 -3.90	29.99 1.49 -2.26	28.09 1.34 -1.93	26.09 0.85 -7.64	24.09 1.15 0.00
CRESCENT___HYD 24018	25.61 0.24 -19.47	24.08 0.22 -18.57	22.77 0.19 -17.60	22.61 0.19 -17.67	23.26 0.20 -18.15	25.68 0.24 -19.73	32.25 0.62 -18.16	38.95 1.08 -15.47	37.98 0.94 -17.47	33.39 0.98 -11.91	32.68 1.19 -5.74	32.49 1.22 -5.30	32.92 1.03 -9.95	33.94 0.89 -13.67	33.59 0.87 -14.28	33.27 0.92 -13.17	33.87 0.92 -13.73	42.70 1.03 -21.15	40.13 1.50 -8.66	36.71 1.45 -5.75	30.83 1.26 -3.34	28.83 1.17 -2.84	29.59 0.71 -11.28	23.84 0.89 0.00
CRICKET___VALLEY_CC1 323756	22.78 0.28 -16.60	21.37 0.25 -15.83	20.20 0.22 -15.00	20.02 0.21 -15.06	20.60 0.22 -15.47	22.78 0.26 -16.82	29.58 0.63 -15.48	36.77 1.19 -13.19	35.48 1.02 -14.89	31.69 1.04 -10.15	31.96 1.31 -4.89	31.81 1.32 -4.52	31.56 1.14 -8.48	32.06 1.03 -11.65	31.63 1.01 -12.17	31.46 1.05 -11.23	31.95 1.04 -11.71	39.67 1.11 -18.04	39.00 1.65 -7.39	36.01 1.59 -4.91	30.47 1.39 -2.84	28.49 1.24 -2.42	27.96 0.74 -9.62	23.95 1.01 0.00
CRICKET___VALLEY_CC2 323757	22.78 0.28 -16.60	21.37 0.25 -15.83	20.20 0.22 -15.00	20.02 0.21 -15.06	20.60 0.22 -15.47	22.78 0.26 -16.82	29.58 0.63 -15.48	36.77 1.19 -13.19	35.48 1.02 -14.89	31.69 1.04 -10.15	31.96 1.31 -4.89	31.81 1.32 -4.52	31.56 1.14 -8.48	32.06 1.03 -11.65	31.63 1.01 -12.17	31.46 1.05 -11.23	31.95 1.04 -11.71	39.67 1.11 -18.04	39.00 1.65 -7.39	36.01 1.59 -4.91	30.47 1.39 -2.84	28.49 1.24 -2.42	27.96 0.74 -9.62	23.95 1.01 0.00
CRICKET___VALLEY_CC3 323758	22.78 0.28 -16.60	21.37 0.25 -15.83	20.20 0.22 -15.00	20.02 0.21 -15.06	20.60 0.22 -15.47	22.78 0.26 -16.82	29.58 0.63 -15.48	36.77 1.19 -13.19	35.48 1.02 -14.89	31.69 1.04 -10.15	31.96 1.31 -4.89	31.81 1.32 -4.52	31.56 1.14 -8.48	32.06 1.03 -11.65	31.63 1.01 -12.17	31.46 1.05 -11.23	31.95 1.04 -11.71	39.67 1.11 -18.04	39.00 1.65 -7.39	36.01 1.59 -4.91	30.47 1.39 -2.84	28.49 1.24 -2.42	27.96 0.74 -9.62	23.95 1.01 0.00
CRUCIBLE_METL_DRP 24180	9.80 0.17 -3.74	8.98 0.13 -3.56	8.46 0.10 -3.38	8.24 0.10 -3.39	8.51 0.11 -3.48	9.65 0.17 -3.79	17.33 0.38 -3.48	26.04 0.67 -2.97	23.49 0.57 -3.35	23.35 0.57 -2.28	27.53 0.67 -1.10	27.69 0.70 -1.02	24.42 0.57 -1.91	22.51 0.50 -2.62	21.65 0.46 -2.74	22.17 0.46 -2.53	22.31 0.46 -2.64	24.91 0.33 -4.06	32.08 0.45 -1.66	31.03 0.41 -1.10	27.24 0.37 -0.64	25.71 0.35 -0.55	20.04 0.26 -2.16	23.29 0.34 0.00
DAHOWA___HYDRO 323763	25.83 0.28 -19.65	24.27 0.24 -18.74	22.95 0.22 -17.76	22.79 0.21 -17.83	23.45 0.23 -18.31	25.89 0.28 -19.91	32.56 0.77 -18.33	39.35 1.34 -15.61	38.39 1.19 -17.63	33.78 1.27 -12.02	33.04 1.49 -5.79	32.82 1.51 -5.34	33.25 1.27 -10.04	34.24 1.07 -13.79	33.89 1.03 -14.41	33.56 1.09 -13.29	34.18 1.11 -13.86	43.12 1.25 -21.34	40.57 1.86 -8.74	37.11 1.80 -5.81	31.17 1.57 -3.37	29.10 1.41 -2.87	29.85 0.86 -11.38	24.02 1.08 0.00
DANC___LFGE 323619	8.56 0.09 -2.57	7.81 0.07 -2.45	7.35 0.05 -2.32	7.14 0.06 -2.33	7.37 0.06 -2.39	8.41 0.11 -2.60	16.16 0.30 -2.40	25.00 0.56 -2.04	22.29 0.41 -2.30	22.48 0.41 -1.57	26.98 0.46 -0.76	27.06 0.39 -0.70	23.54 0.28 -1.31	21.40 0.21 -1.80	20.52 0.18 -1.88	21.07 0.15 -1.74	21.17 0.15 -1.81	22.95 -0.12 -2.55	30.92 -0.09 -1.04	30.17 -0.03 -0.69	26.58 -0.05 -0.40	25.16 0.00 -0.34	19.00 0.04 -1.36	22.94 0.00 0.00
DANSKAMMER___1 23586	21.88 0.38 -15.60	20.50 0.33 -14.88	19.37 0.29 -14.10	19.18 0.28 -14.15	19.74 0.28 -14.54	21.84 0.34 -15.81	28.89 0.87 -14.55	36.43 1.63 -12.39	34.98 1.41 -13.99	31.47 1.43 -9.54	32.23 1.88 -4.60	32.08 1.87 -4.24	31.49 1.58 -7.97	31.73 1.40 -10.95	31.29 1.40 -11.44	31.19 1.46 -10.55	31.63 1.42 -11.00	39.04 1.52 -17.00	39.15 2.22 -6.96	36.31 2.18 -4.62	30.75 1.84 -2.68	28.77 1.66 -2.28	27.73 1.06 -9.06	24.39 1.45 0.00
DANSKAMMER___2 23589	21.88 0.38 -15.60	20.50 0.33 -14.88	19.37 0.29 -14.10	19.18 0.28 -14.15	19.74 0.28 -14.54	21.84 0.34 -15.81	28.89 0.87 -14.55	36.43 1.63 -12.39	34.98 1.41 -13.99	31.47 1.43 -9.54	32.23 1.88 -4.60	32.08 1.87 -4.24	31.49 1.58 -7.97	31.73 1.40 -10.95	31.29 1.40 -11.44	31.19 1.46 -10.55	31.63 1.42 -11.00	39.04 1.52 -17.00	39.15 2.22 -6.96	36.31 2.18 -4.62	30.75 1.84 -2.68	28.77 1.66 -2.28	27.73 1.06 -9.06	24.39 1.45 0.00
DANSKAMMER___3 23590	21.88 0.38 -15.60	20.50 0.33 -14.88	19.37 0.29 -14.10	19.18 0.28 -14.15	19.74 0.28 -14.54	21.84 0.34 -15.81	28.89 0.87 -14.55	36.43 1.63 -12.39	34.98 1.41 -13.99	31.47 1.43 -9.54	32.23 1.88 -4.60	32.08 1.87 -4.24	31.49 1.58 -7.97	31.73 1.40 -10.95	31.29 1.40 -11.44	31.19 1.46 -10.55	31.63 1.42 -11.00	39.04 1.52 -17.00	39.15 2.22 -6.96	36.31 2.18 -4.62	30.75 1.84 -2.68	28.77 1.66 -2.28	27.73 1.06 -9.06	24.39 1.45 0.00
DANSKAMMER___4 23591	21.88 0.38 -15.60	20.50 0.33 -14.88	19.37 0.29 -14.10	19.18 0.28 -14.15	19.74 0.28 -14.54	21.84 0.34 -15.81	28.89 0.87 -14.55	36.43 1.63 -12.39	34.98 1.41 -13.99	31.47 1.43 -9.54	32.23 1.88 -4.60	32.08 1.87 -4.24	31.49 1.58 -7.97	31.73 1.40 -10.95	31.29 1.40 -11.44	31.19 1.46 -10.55	31.63 1.42 -11.00	39.04 1.52 -17.00	39.15 2.22 -6.96	36.31 2.18 -4.62	30.75 1.84 -2.68	28.77 1.66 -2.28	27.73 1.06 -9.06	24.39 1.45 0.00
DANSKAMMER___DIESEL 23592	21.88 0.38 -15.60	20.50 0.33 -14.88	19.37 0.29 -14.10	19.18 0.28 -14.15	19.74 0.29 -14.54	21.84 0.34 -15.81	28.89 0.88 -14.55	36.38 1.59 -12.39	34.98 1.41 -13.99	31.49 1.46 -9.54	32.24 1.88 -4.60	32.11 1.90 -4.24	31.49 1.58 -7.97	31.73 1.40 -10.95	31.29 1.40 -11.44	31.19 1.46 -10.55	31.63 1.42 -11.00	39.04 1.52 -17.00	39.15 2.22 -6.97	36.32 2.18 -4.63	30.75 1.84 -2.68	28.77 1.66 -2.29	27.73 1.06 -9.06	24.37 1.42 0.00

DARBY___SOLAR 323810	25.80 0.28 -19.63	24.25 0.24 -18.72	22.93 0.22 -17.74	22.77 0.21 -17.81	23.43 0.22 -18.30	25.87 0.28 -19.89	32.51 0.74 -18.31	39.29 1.30 -15.60	38.34 1.15 -17.61	33.73 1.23 -12.00	32.98 1.44 -5.79	32.79 1.48 -5.34	33.22 1.25 -10.03	34.21 1.05 -13.78	33.85 1.01 -14.39	33.53 1.07 -13.28	34.15 1.09 -13.84	43.05 1.21 -21.32	40.50 1.80 -8.73	37.05 1.74 -5.80	31.12 1.52 -3.36	29.05 1.36 -2.87	29.82 0.85 -11.37	24.00 1.06 0.00
DASHVILLE___HYD 23610	22.26 0.27 -16.09	20.87 0.24 -15.35	19.73 0.21 -14.54	19.54 0.19 -14.60	20.11 0.20 -15.00	22.23 0.23 -16.31	29.04 0.57 -15.01	36.26 1.08 -12.79	34.97 0.96 -14.44	31.30 0.96 -9.84	31.76 1.26 -4.74	31.62 1.27 -4.38	31.22 1.05 -8.22	31.65 0.97 -11.29	31.22 0.98 -11.80	31.08 1.02 -10.89	31.58 1.02 -11.35	39.08 1.09 -17.47	38.71 1.59 -7.16	35.85 1.59 -4.75	30.33 1.34 -2.75	28.36 1.19 -2.35	27.64 0.72 -9.31	24.25 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.30 0.86 -16.54	21.17 0.75 -15.13	19.98 0.68 -14.33	19.80 0.66 -14.39	20.37 0.67 -14.78	22.59 0.82 -16.07	40.46 2.13 -24.87	45.33 3.65 -19.28	45.08 3.27 -22.24	45.51 3.44 -21.57	66.92 4.17 -36.99	61.69 4.26 -31.47	56.09 3.64 -30.50	54.20 3.24 -31.58	55.86 3.14 -34.28	57.94 3.26 -35.50	75.77 3.27 -53.30	91.88 3.24 -68.12	85.00 4.94 -50.09	105.35 4.84 -71.00	48.56 4.30 -18.02	47.57 3.95 -18.80	36.55 2.76 -16.17	29.97 3.60 -3.42
DELAWARE___LFGE 323621	15.82 0.27 -9.65	14.72 0.23 -9.21	13.90 0.20 -8.72	13.71 0.20 -8.76	14.12 0.21 -9.00	15.74 0.26 -9.78	23.10 0.63 -9.00	31.14 1.08 -7.67	29.19 0.96 -8.66	27.38 0.98 -5.90	29.81 1.21 -2.85	29.82 1.22 -2.63	27.93 1.05 -4.93	27.07 0.91 -6.78	26.43 0.90 -7.08	26.63 0.92 -6.53	26.92 0.90 -6.81	32.00 0.99 -10.49	35.64 1.38 -4.30	33.78 1.42 -2.85	29.12 1.23 -1.65	27.37 1.14 -1.41	23.94 0.74 -5.59	23.95 1.01 0.00
DERFIELD_115KV_TB7 355931	6.30 -0.01 -0.41	5.67 -0.01 -0.39	5.34 0.00 -0.37	5.11 0.00 -0.37	5.29 0.00 -0.38	6.10 -0.01 -0.41	13.85 0.00 -0.38	22.72 0.00 -0.32	19.94 0.00 -0.36	20.76 0.02 -0.25	25.90 0.03 -0.12	26.11 0.03 -0.11	22.17 0.02 -0.21	19.69 0.02 -0.29	18.76 0.02 -0.30	19.47 0.02 -0.28	19.53 0.04 -0.29	21.03 0.06 -0.44	30.24 0.09 -0.18	29.72 0.09 -0.12	26.38 0.08 -0.07	24.95 0.07 -0.06	17.90 0.05 -0.24	23.01 0.07 0.00
DOGLEVILLE___HYD 23807	6.37 0.06 -0.41	5.72 0.05 -0.39	5.38 0.04 -0.37	5.16 0.04 -0.37	5.33 0.03 -0.38	6.14 0.03 -0.41	13.90 0.05 -0.38	22.81 0.09 -0.32	20.02 0.08 -0.36	20.85 0.10 -0.25	26.03 0.16 -0.12	26.26 0.18 -0.11	22.32 0.17 -0.21	19.79 0.12 -0.29	18.82 0.07 -0.30	19.55 0.10 -0.28	19.59 0.10 -0.29	21.11 0.16 -0.43	30.29 0.15 -0.17	29.77 0.15 -0.12	26.41 0.11 -0.07	25.10 0.22 -0.06	18.01 0.18 -0.23	23.31 0.37 0.00
DUNKIRK___115KV_TB_200 55889	10.86 0.18 -4.78	9.97 0.12 -4.56	9.32 0.02 -4.32	9.14 0.05 -4.34	9.43 0.06 -4.46	10.75 0.21 -4.85	18.22 0.30 -4.46	26.24 0.04 -3.80	23.98 0.12 -4.29	23.40 -0.02 -2.93	26.88 -0.28 -1.41	27.22 -0.05 -1.30	24.65 0.26 -2.44	22.99 0.25 -3.36	22.23 0.28 -3.51	22.72 0.31 -3.24	22.93 0.35 -3.37	26.01 0.29 -5.20	32.37 0.27 -2.13	31.13 0.21 -1.41	27.29 0.24 -0.82	25.82 0.30 -0.70	20.65 0.26 -2.77	23.77 0.83 0.00
DUNKIRK___1 23563	10.86 0.18 -4.78	9.97 0.12 -4.56	9.32 0.02 -4.32	9.14 0.05 -4.34	9.43 0.06 -4.46	10.75 0.21 -4.85	18.22 0.30 -4.46	26.24 0.04 -3.80	23.98 0.12 -4.29	23.40 -0.02 -2.93	26.88 -0.28 -1.41	27.22 -0.05 -1.30	24.65 0.26 -2.44	22.99 0.25 -3.36	22.23 0.28 -3.51	22.72 0.31 -3.24	22.93 0.35 -3.37	26.01 0.29 -5.20	32.37 0.27 -2.13	31.13 0.21 -1.41	27.29 0.24 -0.82	25.82 0.30 -0.70	20.65 0.26 -2.77	23.77 0.83 0.00
DUNKIRK___2 23564	10.86 0.18 -4.78	9.97 0.12 -4.56	9.32 0.02 -4.32	9.14 0.05 -4.34	9.43 0.06 -4.46	10.75 0.21 -4.85	18.22 0.30 -4.46	26.24 0.04 -3.80	23.98 0.12 -4.29	23.40 -0.02 -2.93	26.88 -0.28 -1.41	27.22 -0.05 -1.30	24.65 0.26 -2.44	22.99 0.25 -3.36	22.23 0.28 -3.51	22.72 0.31 -3.24	22.93 0.35 -3.37	26.01 0.29 -5.20	32.37 0.27 -2.13	31.13 0.21 -1.41	27.29 0.24 -0.82	25.82 0.30 -0.70	20.65 0.26 -2.77	23.77 0.83 0.00
DUNKIRK___3 23565	10.86 0.18 -4.79	9.97 0.12 -4.56	9.32 0.02 -4.32	9.14 0.05 -4.34	9.43 0.06 -4.46	10.75 0.20 -4.85	18.21 0.28 -4.46	26.22 0.02 -3.80	23.94 0.08 -4.29	23.34 -0.08 -2.93	26.81 -0.36 -1.41	27.12 -0.16 -1.30	24.54 0.15 -2.45	22.90 0.16 -3.36	22.14 0.18 -3.51	22.63 0.21 -3.24	22.82 0.23 -3.38	25.91 0.18 -5.20	32.22 0.12 -2.13	30.98 0.06 -1.42	27.13 0.08 -0.82	25.67 0.15 -0.70	20.54 0.16 -2.77	23.68 0.73 0.00
DUNKIRK___4 23566	10.80 0.17 -4.73	9.92 0.12 -4.51	9.26 0.01 -4.27	9.09 0.05 -4.29	9.38 0.05 -4.41	10.69 0.20 -4.79	18.16 0.28 -4.41	26.16 0.00 -3.76	23.89 0.08 -4.24	23.31 -0.08 -2.89	26.81 -0.33 -1.39	27.13 -0.13 -1.29	24.55 0.20 -2.42	22.88 0.17 -3.32	22.14 0.22 -3.47	22.61 0.23 -3.20	22.81 0.27 -3.34	25.87 0.21 -5.14	32.19 0.12 -2.11	30.99 0.09 -1.40	27.15 0.10 -0.81	25.71 0.20 -0.69	20.54 0.19 -2.74	23.68 0.73 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.13 0.38 -15.86	20.75 0.33 -15.12	19.60 0.29 -14.33	19.42 0.28 -14.39	19.97 0.28 -14.78	22.11 0.34 -16.07	29.17 0.92 -14.79	36.68 1.68 -12.60	35.30 1.51 -14.23	31.75 1.56 -9.70	32.41 1.98 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.06 1.55 -11.13	31.61 1.53 -11.63	31.48 1.57 -10.73	31.93 1.54 -11.18	39.36 1.60 -17.24	39.39 2.37 -7.06	36.53 2.33 -4.69	30.97 2.02 -2.72	28.92 1.79 -2.32	27.94 1.14 -9.19	24.46 1.51 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.28 0.35 -15.03	19.93 0.30 -14.34	18.82 0.26 -13.59	18.64 0.25 -13.64	19.18 0.26 -14.01	21.24 0.31 -15.23	28.28 0.79 -14.02	35.78 1.43 -11.95	34.33 1.27 -13.49	30.98 1.29 -9.19	31.86 1.67 -4.43	31.72 1.66 -4.09	31.03 1.40 -7.68	31.20 1.26 -10.55	30.73 1.25 -11.02	30.65 1.30 -10.17	31.12 1.31 -10.60	38.25 1.37 -16.35	38.70 2.04 -6.70	35.96 2.01 -4.45	30.49 1.68 -2.58	28.53 1.51 -2.20	27.29 0.97 -8.72	24.25 1.31 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.08 0.31 -15.87	20.79 0.38 -15.13	19.65 0.34 -14.33	19.46 0.32 -14.39	20.00 0.31 -14.78	22.06 0.30 -16.07	29.05 0.78 -14.80	36.50 1.50 -12.60	35.19 1.39 -14.23	31.60 1.39 -9.71	32.31 1.88 -4.68	32.18 1.90 -4.31	31.67 1.62 -8.10	31.99 1.47 -11.13	31.50 1.42 -11.63	31.37 1.46 -10.74	31.78 1.38 -11.19	39.24 1.48 -17.24	39.21 2.19 -7.06	36.29 2.10 -4.69	30.74 1.78 -2.72	28.69 1.54 -2.33	27.77 0.97 -9.19	24.22 1.26 -0.01
E179THST_13_KV_LOAD 356214	22.11 0.34 -15.87	20.81 0.40 -15.13	19.66 0.36 -14.33	19.47 0.33 -14.39	20.02 0.32 -14.78	22.09 0.32 -16.07	29.09 0.82 -14.80	36.59 1.59 -12.60	35.27 1.47 -14.23	31.70 1.50 -9.71	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.45 1.53 -10.74	31.87 1.48 -11.19	39.36 1.60 -17.24	39.33 2.31 -7.06	36.44 2.24 -4.69	30.84 1.89 -2.72	28.79 1.64 -2.33	27.84 1.04 -9.19	24.31 1.35 -0.01

EAST HAMPTON___GT 23717	23.35 0.91 -16.54	21.22 0.80 -15.14	20.03 0.72 -14.33	19.85 0.70 -14.40	20.42 0.72 -14.79	22.65 0.88 -16.08	40.59 2.26 -24.87	45.65 3.97 -19.29	45.32 3.50 -22.24	45.75 3.69 -21.57	67.25 4.51 -36.99	61.98 4.54 -31.47	56.38 3.93 -30.51	54.45 3.49 -31.58	56.09 3.38 -34.27	58.18 3.51 -35.50	76.00 3.50 -53.29	92.13 3.51 -68.10	85.39 5.33 -50.09	105.73 5.22 -71.00	48.89 4.64 -18.02	47.81 4.20 -18.80	48.68 2.94 -28.13	30.06 3.69 -3.42
EAST RIVER___6 23660	21.93 0.37 -15.66	20.64 0.35 -15.00	19.57 0.31 -14.28	19.39 0.29 -14.35	19.91 0.29 -14.70	21.89 0.33 -15.86	28.58 0.94 -14.18	35.77 1.84 -11.53	34.45 1.62 -13.25	31.15 1.64 -9.01	31.86 2.14 -3.96	31.76 2.18 -3.61	31.91 1.86 -8.10	32.20 1.69 -11.13	31.72 1.64 -11.63	31.58 1.67 -10.73	32.03 1.63 -11.19	39.49 1.74 -17.23	39.60 2.58 -7.06	36.67 2.48 -4.69	31.07 2.10 -2.73	28.96 1.81 -2.33	28.00 1.16 -9.23	24.52 1.51 -0.06
EAST RIVER___7 23524	21.93 0.37 -15.66	20.64 0.35 -15.00	19.57 0.31 -14.28	19.39 0.29 -14.35	19.91 0.29 -14.70	21.89 0.33 -15.86	28.58 0.94 -14.18	35.77 1.84 -11.53	34.45 1.62 -13.25	31.15 1.64 -9.01	31.86 2.14 -3.96	31.76 2.18 -3.61	31.91 1.86 -8.10	32.20 1.69 -11.13	31.72 1.64 -11.63	31.58 1.67 -10.73	32.03 1.63 -11.19	39.49 1.74 -17.23	39.60 2.58 -7.06	36.67 2.48 -4.69	31.07 2.10 -2.73	28.96 1.81 -2.33	28.00 1.16 -9.23	24.52 1.51 -0.06
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.10 0.37 -15.84	20.72 0.33 -15.10	19.57 0.29 -14.31	19.39 0.28 -14.37	19.95 0.28 -14.76	22.08 0.34 -16.05	29.14 0.90 -14.77	36.62 1.64 -12.58	35.25 1.47 -14.21	31.70 1.52 -9.68	32.36 1.93 -4.67	32.23 1.95 -4.31	31.70 1.67 -8.09	31.99 1.49 -11.11	31.53 1.48 -11.61	31.41 1.52 -10.71	31.88 1.50 -11.17	39.29 1.56 -17.21	39.32 2.31 -7.05	36.46 2.27 -4.68	30.89 1.94 -2.71	28.85 1.71 -2.31	27.89 1.11 -9.18	24.41 1.47 0.00
EAST_HAMPTON___DIESEL 23722	23.35 0.91 -16.54	21.22 0.80 -15.14	20.03 0.72 -14.33	19.85 0.70 -14.40	20.43 0.72 -14.79	22.65 0.88 -16.08	40.61 2.28 -24.87	45.65 3.97 -19.29	45.32 3.50 -22.24	45.75 3.69 -21.57	67.28 4.53 -36.99	62.01 4.57 -31.47	56.38 3.93 -30.51	54.47 3.51 -31.58	56.11 3.39 -34.27	58.18 3.51 -35.50	76.02 3.52 -53.29	92.13 3.51 -68.11	85.42 5.36 -50.09	105.76 5.25 -71.00	48.89 4.64 -18.02	47.84 4.22 -18.80	48.68 2.94 -28.13	30.08 3.72 -3.42
EAST_PULASKI___ESR 323781	9.05 0.16 -2.99	8.27 0.13 -2.85	7.78 0.10 -2.70	7.57 0.10 -2.71	7.82 0.11 -2.79	8.90 0.17 -3.03	16.67 0.42 -2.79	25.54 0.76 -2.38	22.84 0.59 -2.68	22.92 0.59 -1.83	27.33 0.70 -0.88	27.46 0.68 -0.81	24.00 0.53 -1.53	21.93 0.45 -2.10	21.05 0.41 -2.19	21.57 0.36 -2.02	21.70 0.38 -2.11	23.63 -0.14 -3.25	31.12 -0.18 -1.33	30.21 -0.18 -0.88	26.59 -0.16 -0.51	25.16 -0.10 -0.44	19.33 -0.02 -1.73	22.92 -0.02 0.00
EAST_RIVER___1 323558	21.93 0.38 -15.66	20.64 0.35 -15.00	19.56 0.31 -14.28	19.39 0.29 -14.35	19.91 0.29 -14.70	21.89 0.34 -15.86	28.57 0.93 -14.18	35.73 1.79 -11.53	34.39 1.57 -13.25	31.09 1.58 -9.01	31.78 2.06 -3.96	31.68 2.10 -3.61	31.84 1.80 -8.10	32.14 1.63 -11.13	31.67 1.59 -11.63	31.52 1.61 -10.73	31.99 1.59 -11.19	39.43 1.68 -17.23	39.54 2.52 -7.06	36.64 2.45 -4.69	31.01 2.05 -2.73	28.91 1.76 -2.33	27.98 1.14 -9.23	24.52 1.51 -0.06
EAST_RIVER___2 323559	21.93 0.37 -15.66	20.64 0.35 -15.00	19.57 0.31 -14.28	19.39 0.29 -14.35	19.91 0.29 -14.70	21.89 0.33 -15.86	28.58 0.94 -14.18	35.77 1.84 -11.53	34.45 1.62 -13.25	31.15 1.64 -9.01	31.86 2.14 -3.96	31.76 2.18 -3.61	31.91 1.86 -8.10	32.20 1.69 -11.13	31.72 1.64 -11.63	31.58 1.67 -10.73	32.03 1.63 -11.19	39.49 1.74 -17.23	39.60 2.58 -7.06	36.67 2.48 -4.69	31.07 2.10 -2.73	28.96 1.81 -2.33	28.00 1.16 -9.23	24.52 1.51 -0.06
EAST___DELAWARE_HYD 23607	20.15 0.40 -13.85	18.84 0.35 -13.21	17.79 0.30 -12.51	17.60 0.29 -12.56	18.12 0.30 -12.91	20.08 0.35 -14.03	27.22 0.84 -12.92	34.97 1.57 -11.00	33.34 1.35 -12.42	30.30 1.33 -8.47	31.56 1.73 -4.08	31.45 1.71 -3.77	30.46 1.45 -7.08	30.40 1.30 -9.72	29.89 1.29 -10.15	29.89 1.34 -9.37	30.34 1.36 -9.77	37.03 1.48 -15.03	38.28 2.16 -6.16	35.75 2.15 -4.09	30.41 1.81 -2.37	28.48 1.64 -2.02	26.68 1.06 -8.01	24.48 1.54 0.00
EIGHT_POINT___WT_PWR 323820	11.44 0.24 -5.30	10.53 0.18 -5.05	9.87 0.10 -4.79	9.68 0.12 -4.81	9.99 0.14 -4.94	11.35 0.28 -5.37	18.95 0.54 -4.94	27.28 0.67 -4.21	24.99 0.67 -4.75	24.27 0.53 -3.24	27.81 0.49 -1.56	28.03 0.62 -1.44	25.28 0.64 -2.71	23.67 0.56 -3.72	22.92 0.59 -3.89	23.42 0.65 -3.58	23.64 0.69 -3.74	26.97 0.72 -5.73	33.36 1.05 -2.35	32.04 0.97 -1.56	28.03 0.89 -0.90	26.44 0.84 -0.77	21.26 0.60 -3.06	24.16 1.22 0.00
ELBRIDGE_115KV_TB2 80188	9.92 0.14 -3.88	9.11 0.12 -3.70	8.57 0.08 -3.51	8.36 0.09 -3.52	8.63 0.09 -3.62	9.78 0.15 -3.93	17.45 0.36 -3.62	26.09 0.60 -3.08	23.58 0.53 -3.48	23.38 0.51 -2.37	27.49 0.59 -1.14	27.65 0.62 -1.06	24.45 0.53 -1.98	22.57 0.47 -2.72	21.74 0.44 -2.85	22.25 0.44 -2.63	22.39 0.44 -2.74	25.13 0.39 -4.22	32.23 0.54 -1.73	31.16 0.50 -1.15	27.32 0.42 -0.67	25.78 0.40 -0.57	20.16 0.30 -2.25	23.33 0.39 0.00
ELEC_TRO_TEK 24086	22.92 0.48 -16.54	20.85 0.44 -15.13	19.70 0.39 -14.33	19.51 0.38 -14.39	20.08 0.38 -14.78	22.22 0.45 -16.07	35.17 1.19 -20.52	37.08 2.08 -12.60	35.69 1.84 -14.28	35.32 1.91 -12.92	32.78 2.34 -4.68	32.67 2.39 -4.31	32.08 2.04 -8.10	32.34 1.82 -11.13	32.07 1.79 -11.84	32.07 1.84 -11.05	32.28 1.82 -11.25	39.57 1.81 -17.24	39.87 2.85 -7.06	37.00 2.80 -4.69	32.17 2.41 -3.53	31.51 2.16 -4.53	30.45 1.48 -11.36	28.18 1.95 -3.28
ELLENBURG_WT_PWR 323604	5.73 -0.17 0.00	5.15 -0.14 0.00	4.84 -0.13 0.00	4.59 -0.16 0.00	4.75 -0.16 0.00	5.50 -0.19 0.00	13.01 -0.46 0.00	21.59 -0.81 0.00	18.83 -0.74 0.00	19.78 -0.72 0.00	25.16 -0.59 0.00	25.32 -0.65 0.00	21.28 -0.66 0.00	18.74 -0.64 0.00	17.86 -0.59 0.00	18.62 -0.56 0.00	18.67 -0.54 0.00	20.11 -0.41 0.00	29.40 -0.57 0.00	28.89 -0.62 0.00	25.71 -0.52 0.00	24.27 -0.55 0.00	17.31 -0.30 0.00	22.48 -0.46 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	10.70 0.17 -4.64	9.83 0.12 -4.42	9.18 0.01 -4.19	9.00 0.05 -4.21	9.29 0.05 -4.32	10.58 0.18 -4.70	18.02 0.23 -4.32	25.95 -0.13 -3.68	23.67 -0.06 -4.16	23.11 -0.23 -2.84	26.58 -0.54 -1.37	26.89 -0.34 -1.26	24.31 0.00 -2.37	22.64 0.00 -3.25	21.88 0.04 -3.40	22.35 0.04 -3.14	22.52 0.04 -3.27	25.50 -0.06 -5.04	31.70 -0.33 -2.06	30.52 -0.35 -1.37	26.82 -0.21 -0.79	25.37 -0.12 -0.68	20.30 0.00 -2.69	23.33 0.39 0.00
EMPIRE_CC_1 323656	24.70 0.24 -18.57	23.21 0.21 -17.71	21.95 0.19 -16.78	21.78 0.19 -16.85	22.42 0.20 -17.31	24.75 0.24 -18.82	31.36 0.58 -17.32	38.16 1.01 -14.75	37.11 0.88 -16.66	32.75 0.90 -11.36	32.34 1.11 -5.48	32.14 1.12 -5.05	32.39 0.96 -9.49	33.27 0.85 -13.03	32.91 0.85 -13.62	32.62 0.88 -12.56	33.19 0.88 -13.10	41.65 0.96 -20.17	39.63 1.41 -8.26	36.35 1.36 -5.49	30.62 1.21 -3.18	28.62 1.09 -2.71	29.03 0.67 -10.75	23.82 0.87 0.00

EMPIRE_CC_2 323658	24.70 0.24 -18.57	23.21 0.21 -17.71	21.95 0.19 -16.78	21.78 0.19 -16.85	22.42 0.20 -17.31	24.75 0.24 -18.82	31.36 0.58 -17.32	38.16 1.01 -14.75	37.11 0.88 -16.66	32.75 0.90 -11.36	32.34 1.11 -5.48	32.14 1.12 -5.05	32.39 0.96 -9.49	33.27 0.85 -13.03	32.91 0.85 -13.62	32.62 0.88 -12.56	33.19 0.88 -13.10	41.65 0.96 -20.17	39.63 1.41 -8.26	36.35 1.36 -5.49	30.62 1.21 -3.18	28.62 1.09 -2.71	29.03 0.67 -10.75	23.82 0.87 0.00
ENORWICH_115KV_TB1 80156	13.47 0.41 -7.16	12.46 0.34 -6.83	11.74 0.29 -6.47	11.56 0.31 -6.50	11.91 0.32 -6.68	13.37 0.42 -7.26	21.18 1.04 -6.68	29.95 1.86 -5.69	27.58 1.59 -6.43	26.48 1.60 -4.38	29.72 1.85 -2.11	29.76 1.84 -1.95	27.18 1.58 -3.66	25.73 1.32 -5.03	25.03 1.33 -5.25	25.44 1.42 -4.85	25.70 1.44 -5.05	30.01 1.70 -7.79	35.67 2.52 -3.19	34.22 2.60 -2.12	29.69 2.23 -1.23	27.95 2.08 -1.05	23.15 1.39 -4.15	24.82 1.88 0.00
ERIE_ST__34_KV_TB1-2 80199	10.73 0.12 -4.70	9.85 0.07 -4.49	9.20 -0.02 -4.25	9.03 0.01 -4.27	9.31 0.01 -4.38	10.61 0.15 -4.77	17.99 0.13 -4.39	25.91 -0.22 -3.74	23.66 -0.14 -4.22	23.07 -0.31 -2.88	26.52 -0.62 -1.39	26.83 -0.42 -1.28	24.26 -0.09 -2.40	22.61 -0.08 -3.30	21.86 -0.04 -3.45	22.32 -0.04 -3.18	22.51 -0.02 -3.32	25.53 -0.10 -5.11	31.73 -0.33 -2.10	30.54 -0.35 -1.39	26.75 -0.29 -0.81	25.31 -0.20 -0.69	20.25 -0.09 -2.73	23.68 0.73 0.00
ERIE_WT_PWR 323693	10.75 0.18 -4.68	9.88 0.13 -4.46	9.23 0.02 -4.23	9.05 0.05 -4.25	9.34 0.06 -4.36	10.64 0.20 -4.74	18.09 0.26 -4.36	25.96 -0.16 -3.72	23.79 0.02 -4.20	23.19 -0.16 -2.86	26.67 -0.46 -1.38	26.98 -0.26 -1.27	24.40 0.07 -2.39	22.73 0.06 -3.28	21.97 0.09 -3.43	22.44 0.10 -3.17	22.63 0.12 -3.30	25.58 0.00 -5.06	31.86 -0.18 -2.07	30.65 -0.24 -1.38	26.93 -0.10 -0.80	25.48 -0.02 -0.68	20.38 0.07 -2.70	23.56 0.62 0.00
ESPRGFLD_115KV_TB1 80157	15.97 0.32 -9.75	14.86 0.27 -9.29	14.03 0.25 -8.81	13.84 0.25 -8.84	14.25 0.26 -9.08	15.88 0.31 -9.88	23.34 0.78 -9.09	31.51 1.37 -7.74	29.55 1.23 -8.74	27.73 1.27 -5.96	30.17 1.55 -2.87	30.18 1.56 -2.65	28.26 1.34 -4.98	27.37 1.14 -6.84	26.72 1.13 -7.15	26.92 1.15 -6.59	27.22 1.13 -6.87	32.34 1.23 -10.59	36.07 1.77 -4.34	34.22 1.83 -2.88	29.50 1.60 -1.67	27.71 1.46 -1.42	24.21 0.95 -5.65	24.21 1.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	11.74 0.25 -5.59	10.83 0.21 -5.33	10.20 0.17 -5.05	9.99 0.17 -5.07	10.31 0.18 -5.21	11.62 0.26 -5.66	19.29 0.61 -5.21	27.89 1.05 -4.44	25.47 0.88 -5.01	24.77 0.86 -3.42	28.41 1.00 -1.65	28.50 1.01 -1.52	25.65 0.86 -2.86	24.06 0.76 -3.92	23.28 0.74 -4.10	23.73 0.77 -3.78	23.94 0.79 -3.94	27.42 0.82 -6.08	33.65 1.20 -2.49	32.31 1.15 -1.65	28.21 1.02 -0.96	26.56 0.92 -0.82	21.50 0.65 -3.24	23.84 0.89 0.00
ETNA_____115KV_TB2 80207	11.74 0.25 -5.59	10.83 0.21 -5.33	10.20 0.17 -5.05	9.99 0.17 -5.07	10.31 0.18 -5.21	11.62 0.26 -5.66	19.29 0.61 -5.21	27.89 1.05 -4.44	25.47 0.88 -5.01	24.77 0.86 -3.42	28.41 1.00 -1.65	28.50 1.01 -1.52	25.65 0.86 -2.86	24.06 0.76 -3.92	23.28 0.74 -4.10	23.73 0.77 -3.78	23.94 0.79 -3.94	27.42 0.82 -6.08	33.65 1.20 -2.49	32.31 1.15 -1.65	28.21 1.02 -0.96	26.56 0.92 -0.82	21.50 0.65 -3.24	23.84 0.89 0.00
EUCLID___115KV_TB2 356179	9.31 0.05 -3.37	8.53 0.03 -3.21	8.03 0.01 -3.05	7.83 0.02 -3.06	8.08 0.02 -3.14	9.17 0.06 -3.41	16.73 0.12 -3.14	25.26 0.18 -2.68	22.75 0.16 -3.02	22.70 0.14 -2.06	26.88 0.13 -0.99	27.04 0.16 -0.92	23.79 0.13 -1.72	21.87 0.12 -2.37	21.01 0.09 -2.47	21.53 0.08 -2.28	21.66 0.08 -2.38	24.18 0.00 -3.66	31.47 0.00 -1.50	30.47 -0.03 -1.00	26.78 -0.03 -0.58	25.29 -0.02 -0.49	19.58 0.02 -1.95	22.97 0.02 0.00
E_CANADA_CAP_HY 24051	25.97 0.28 -19.79	24.40 0.24 -18.88	23.07 0.21 -17.88	22.91 0.20 -17.96	23.59 0.23 -18.44	26.05 0.30 -20.05	32.84 0.92 -18.46	39.78 1.66 -15.72	38.77 1.45 -17.75	34.09 1.50 -12.10	33.34 1.75 -5.84	33.07 1.71 -5.38	33.54 1.49 -10.11	34.50 1.22 -13.89	33.97 1.01 -14.51	33.70 1.13 -13.39	34.36 1.19 -13.96	43.43 1.41 -21.50	40.96 2.19 -8.81	37.39 2.03 -5.85	31.38 1.76 -3.39	29.42 1.71 -2.89	30.07 1.00 -11.46	24.07 1.12 0.00
E_CANADA_MHWK_HY 24050	6.37 0.06 -0.41	5.72 0.05 -0.39	5.38 0.04 -0.37	5.16 0.04 -0.37	5.33 0.03 -0.38	6.14 0.03 -0.41	13.90 0.05 -0.38	22.81 0.09 -0.32	20.02 0.08 -0.36	20.85 0.10 -0.25	26.03 0.16 -0.12	26.26 0.18 -0.11	22.32 0.17 -0.21	19.79 0.12 -0.29	18.82 0.07 -0.30	19.55 0.10 -0.28	19.59 0.10 -0.29	21.11 0.16 -0.43	30.29 0.15 -0.17	29.77 0.15 -0.12	26.41 0.11 -0.07	25.10 0.22 -0.06	18.01 0.18 -0.23	23.31 0.37 0.00
E_FISHKILL___LBMP 23776	22.31 0.33 -16.08	20.92 0.30 -15.34	19.77 0.26 -14.53	19.59 0.25 -14.59	20.16 0.25 -14.99	22.30 0.30 -16.30	29.25 0.78 -15.00	36.59 1.41 -12.78	35.25 1.25 -14.43	31.62 1.29 -9.84	32.12 1.62 -4.74	32.01 1.66 -4.38	31.56 1.40 -8.22	31.93 1.26 -11.29	31.49 1.25 -11.79	31.34 1.28 -10.88	31.84 1.29 -11.34	39.34 1.33 -17.48	39.10 1.98 -7.16	36.21 1.95 -4.76	30.67 1.68 -2.76	28.66 1.49 -2.35	27.88 0.95 -9.32	24.21 1.26 0.00
FALCON___SEABRD_CC1 323796	5.79 -0.11 0.00	5.21 -0.07 0.00	4.89 -0.08 0.00	4.64 -0.10 0.00	4.80 -0.11 0.00	5.57 -0.13 0.00	13.14 -0.32 0.00	21.82 -0.58 0.00	19.02 -0.55 0.00	20.00 -0.49 0.00	25.45 -0.31 0.00	25.61 -0.36 0.00	21.52 -0.42 0.00	18.98 -0.41 0.00	18.06 -0.39 0.00	18.83 -0.34 0.00	18.88 -0.33 0.00	20.32 -0.21 0.00	29.72 -0.24 0.00	29.24 -0.27 0.00	26.02 -0.21 0.00	24.57 -0.25 0.00	17.52 -0.09 0.00	22.76 -0.18 0.00
FALCON___SEABRD_CC2 323797	5.79 -0.11 0.00	5.21 -0.07 0.00	4.89 -0.08 0.00	4.64 -0.10 0.00	4.80 -0.11 0.00	5.57 -0.13 0.00	13.14 -0.32 0.00	21.82 -0.58 0.00	19.02 -0.55 0.00	20.00 -0.49 0.00	25.45 -0.31 0.00	25.61 -0.36 0.00	21.52 -0.42 0.00	18.98 -0.41 0.00	18.06 -0.39 0.00	18.83 -0.34 0.00	18.88 -0.33 0.00	20.32 -0.21 0.00	29.72 -0.24 0.00	29.24 -0.27 0.00	26.02 -0.21 0.00	24.57 -0.25 0.00	17.52 -0.09 0.00	22.76 -0.18 0.00
FAR ROCKAWAY___4 23548	22.99 0.56 -16.54	20.92 0.50 -15.13	19.75 0.45 -14.33	19.57 0.43 -14.39	20.13 0.44 -14.78	22.29 0.52 -16.07	35.20 1.23 -20.51	37.17 2.17 -12.60	35.75 1.92 -14.26	35.42 2.01 -12.92	32.93 2.50 -4.68	32.83 2.55 -4.31	32.22 2.17 -8.10	32.47 1.96 -11.13	32.18 1.90 -11.84	32.19 1.96 -11.05	32.38 1.92 -11.25	39.67 1.91 -17.24	40.02 3.00 -7.06	37.15 2.95 -4.69	32.31 2.54 -3.53	31.63 2.28 -4.53	30.50 1.53 -11.36	28.43 2.20 -3.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.15 0.38 -15.87	20.77 0.35 -15.13	19.62 0.31 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.10 0.34 -16.07	29.23 0.93 -14.84	36.77 1.77 -12.60	35.36 1.57 -14.23	31.84 1.58 -9.76	32.49 2.06 -4.68	32.39 2.10 -4.31	31.84 1.80 -8.10	32.14 1.63 -11.13	31.67 1.59 -11.63	31.52 1.61 -10.73	31.99 1.59 -11.19	39.42 1.66 -17.24	39.51 2.49 -7.06	36.62 2.42 -4.69	31.01 2.05 -2.73	28.94 1.79 -2.33	28.00 1.16 -9.23	24.50 1.49 -0.06

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.15 0.38 -15.87	20.77 0.35 -15.13	19.62 0.31 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.10 0.34 -16.07	29.23 0.93 -14.84	36.77 1.77 -12.60	35.36 1.57 -14.23	31.84 1.58 -9.76	32.49 2.06 -4.68	32.39 2.10 -4.31	31.84 1.80 -8.10	32.14 1.63 -11.13	31.67 1.59 -11.63	31.52 1.61 -10.73	31.99 1.59 -11.19	39.42 1.66 -17.24	39.51 2.49 -7.06	36.65 2.45 -4.69	31.01 2.05 -2.73	28.94 1.79 -2.33	28.00 1.16 -9.23	24.52 1.51 -0.06
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.14 0.37 -15.87	20.76 0.35 -15.13	19.61 0.31 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.10 0.34 -16.07	29.23 0.93 -14.84	36.77 1.77 -12.60	35.34 1.55 -14.23	31.81 1.56 -9.76	32.49 2.06 -4.68	32.36 2.08 -4.31	31.82 1.78 -8.10	32.14 1.63 -11.13	31.65 1.57 -11.63	31.52 1.61 -10.73	31.97 1.58 -11.19	39.40 1.64 -17.24	39.48 2.46 -7.06	36.62 2.42 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.98 1.14 -9.23	24.50 1.49 -0.06
FARRAGUT___LBMP 323566	22.14 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.22 0.92 -14.84	36.75 1.75 -12.60	35.32 1.53 -14.23	31.81 1.56 -9.76	32.47 2.03 -4.68	32.34 2.05 -4.31	31.82 1.78 -8.10	32.12 1.61 -11.13	31.63 1.55 -11.63	31.50 1.59 -10.73	31.95 1.56 -11.19	39.38 1.62 -17.24	39.45 2.43 -7.06	36.59 2.39 -4.69	30.99 2.02 -2.73	28.89 1.74 -2.33	27.98 1.14 -9.23	24.48 1.47 -0.06
FENNER___WINDPWR 24204	9.32 0.16 -3.26	8.52 0.13 -3.11	8.03 0.11 -2.94	7.82 0.12 -2.95	8.07 0.12 -3.03	9.16 0.17 -3.30	16.89 0.39 -3.04	25.68 0.70 -2.59	23.08 0.59 -2.92	23.08 0.59 -1.99	27.41 0.70 -0.96	27.56 0.70 -0.89	24.17 0.57 -1.66	22.15 0.48 -2.28	21.30 0.46 -2.39	21.86 0.48 -2.20	22.00 0.50 -2.30	24.56 0.55 -3.49	32.20 0.81 -1.43	31.28 0.83 -0.95	27.52 0.73 -0.55	25.96 0.67 -0.47	19.92 0.46 -1.86	23.59 0.64 0.00
FIBERTEK___ENERGY 23856	9.80 0.17 -3.74	8.98 0.13 -3.56	8.46 0.10 -3.38	8.24 0.10 -3.39	8.51 0.11 -3.48	9.65 0.17 -3.79	17.33 0.38 -3.48	26.04 0.67 -2.97	23.49 0.57 -3.35	23.35 0.57 -2.28	27.53 0.67 -1.10	27.69 0.70 -1.02	24.42 0.57 -1.91	22.51 0.50 -2.62	21.65 0.46 -2.74	22.17 0.46 -2.53	22.31 0.46 -2.64	24.91 0.33 -4.06	32.08 0.45 -1.66	31.03 0.41 -1.10	27.24 0.37 -0.64	25.71 0.35 -0.55	20.04 0.26 -2.16	23.29 0.34 0.00
FITZPATRICK____ 23598	8.16 -0.08 -2.35	7.45 -0.08 -2.24	7.01 -0.09 -2.12	6.80 -0.08 -2.13	7.02 -0.08 -2.19	8.00 -0.07 -2.38	15.47 -0.19 -2.19	23.88 -0.38 -1.87	21.35 -0.33 -2.11	21.58 -0.35 -1.44	25.98 -0.46 -0.69	26.14 -0.47 -0.64	22.77 -0.37 -1.20	20.70 -0.33 -1.65	19.82 -0.35 -1.72	20.40 -0.36 -1.59	20.50 -0.37 -1.66	22.67 -0.43 -2.58	30.36 -0.66 -1.06	29.56 -0.65 -0.70	26.06 -0.58 -0.41	24.64 -0.52 -0.35	18.68 -0.30 -1.37	22.55 -0.39 0.00
FLOWRFLD_69_KV_BK1 356044	23.08 0.65 -16.54	20.99 0.57 -15.13	19.81 0.51 -14.33	19.63 0.49 -14.39	20.20 0.50 -14.78	22.38 0.61 -16.07	41.77 1.66 -26.65	47.15 2.73 -22.01	47.55 2.47 -25.51	45.26 2.56 -22.20	68.00 2.96 -39.29	62.38 3.01 -33.40	56.61 2.57 -32.10	54.73 2.31 -33.04	56.59 2.27 -35.88	58.78 2.36 -37.24	77.85 2.36 -56.28	94.52 2.28 -71.72	86.64 3.54 -53.14	108.68 3.48 -75.69	48.42 3.12 -19.06	47.55 2.90 -19.83	39.85 2.08 -20.17	29.13 2.73 -3.46
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.97 0.39 -15.68	20.58 0.34 -14.95	19.44 0.30 -14.17	19.26 0.28 -14.23	19.82 0.29 -14.61	21.93 0.34 -15.89	28.98 0.89 -14.62	36.47 1.61 -12.46	35.07 1.43 -14.06	31.56 1.48 -9.59	32.31 1.93 -4.62	32.16 1.92 -4.26	31.55 1.60 -8.01	31.82 1.43 -11.00	31.36 1.42 -11.50	31.26 1.48 -10.61	31.73 1.46 -11.06	39.16 1.56 -17.08	39.24 2.28 -7.00	36.40 2.24 -4.65	30.82 1.89 -2.69	28.83 1.71 -2.30	27.79 1.07 -9.10	24.41 1.47 0.00
FORT ORANGE____ 23900	25.16 0.16 -19.09	23.64 0.14 -18.21	22.36 0.13 -17.25	22.20 0.12 -17.32	22.85 0.14 -17.80	25.22 0.18 -19.35	31.72 0.44 -17.81	38.33 0.76 -15.17	37.37 0.67 -17.13	32.85 0.68 -11.68	32.21 0.82 -5.63	32.00 0.83 -5.19	32.42 0.72 -9.76	33.40 0.62 -13.40	33.06 0.61 -14.00	32.75 0.65 -12.92	33.35 0.67 -13.47	42.00 0.74 -20.74	39.54 1.08 -8.50	36.18 1.03 -5.64	30.40 0.89 -3.27	28.43 0.82 -2.79	29.14 0.48 -11.06	23.61 0.67 0.00
FORT_DRUM_COGEN 23780	7.93 0.05 -1.98	7.22 0.04 -1.89	6.80 0.03 -1.79	6.59 0.04 -1.80	6.81 0.04 -1.85	7.78 0.07 -2.01	15.56 0.24 -1.85	24.45 0.47 -1.58	21.68 0.33 -1.78	22.06 0.35 -1.21	26.67 0.33 -0.58	26.74 0.23 -0.54	23.09 0.13 -1.01	20.85 0.08 -1.39	19.96 0.06 -1.45	20.54 0.02 -1.34	20.63 0.02 -1.40	22.61 -0.06 -2.16	30.88 0.03 -0.88	30.24 0.15 -0.59	26.68 0.10 -0.34	25.26 0.15 -0.29	18.88 0.12 -1.15	23.04 0.09 0.00
FPL FAR_ROCK_GT1 24212	22.99 0.56 -16.54	20.93 0.50 -15.14	19.76 0.45 -14.33	19.58 0.43 -14.40	20.14 0.44 -14.79	22.30 0.52 -16.08	35.20 1.23 -20.51	37.25 2.24 -12.61	35.77 1.94 -14.26	35.42 2.01 -12.92	32.94 2.50 -4.68	32.81 2.52 -4.32	32.22 2.17 -8.11	32.48 1.96 -11.14	32.18 1.90 -11.84	32.19 1.96 -11.05	32.38 1.92 -11.25	39.66 1.91 -17.23	40.06 3.03 -7.07	37.15 2.95 -4.70	32.30 2.54 -3.53	31.86 2.51 -4.53	30.65 1.69 -11.35	28.45 2.22 -3.28
FPL FAR_ROCK_GT2 23815	22.99 0.56 -16.54	20.93 0.50 -15.14	19.76 0.45 -14.33	19.58 0.43 -14.40	20.14 0.44 -14.79	22.30 0.52 -16.08	35.20 1.23 -20.51	37.25 2.24 -12.61	35.77 1.94 -14.26	35.42 2.01 -12.92	32.94 2.50 -4.68	32.81 2.52 -4.32	32.22 2.17 -8.11	32.48 1.96 -11.14	32.18 1.90 -11.84	32.19 1.96 -11.05	32.38 1.92 -11.25	39.66 1.91 -17.23	40.06 3.03 -7.07	37.15 2.95 -4.70	32.30 2.54 -3.53	31.86 2.51 -4.53	30.65 1.69 -11.35	28.45 2.22 -3.28
FRANKLIN_FALL_HYD 24054	6.06 -0.15 -0.31	5.48 -0.11 -0.30	5.16 -0.10 -0.28	4.91 -0.12 -0.28	5.07 -0.13 -0.29	5.86 -0.15 -0.32	13.35 -0.40 -0.29	21.91 -0.74 -0.25	19.21 -0.65 -0.28	20.11 -0.57 -0.19	25.33 -0.52 -0.09	25.46 -0.60 -0.09	21.46 -0.64 -0.16	19.02 -0.58 -0.22	18.12 -0.55 -0.23	18.83 -0.56 -0.21	18.87 -0.56 -0.22	20.39 -0.47 -0.34	29.51 -0.60 -0.14	29.01 -0.59 -0.09	25.81 -0.47 -0.05	24.44 -0.42 -0.05	17.58 -0.21 -0.18	22.65 -0.30 0.00
FREEPORT_EQUS_GT1 23764	22.97 0.54 -16.54	20.90 0.48 -15.14	19.73 0.42 -14.33	19.56 0.41 -14.40	20.12 0.41 -14.79	22.28 0.50 -16.08	35.31 1.29 -20.55	37.34 2.33 -12.61	35.90 2.00 -14.33	35.48 2.07 -12.92	32.99 2.55 -4.68	32.86 2.57 -4.32	32.25 2.19 -8.11	32.50 1.98 -11.14	32.22 1.94 -11.84	32.25 2.01 -11.05	32.46 2.00 -11.25	39.72 1.97 -17.23	40.12 3.09 -7.07	37.24 3.04 -4.70	32.41 2.65 -3.53	31.73 2.38 -4.53	30.58 1.62 -11.35	28.34 2.11 -3.28
FREEPORT___CT2 23818	22.97 0.54 -16.54	20.90 0.48 -15.14	19.73 0.42 -14.33	19.56 0.41 -14.40	20.12 0.41 -14.79	22.28 0.50 -16.08	35.31 1.29 -20.55	37.34 2.33 -12.61	35.90 2.00 -14.33	35.48 2.07 -12.92	32.99 2.55 -4.68	32.86 2.57 -4.32	32.25 2.19 -8.11	32.50 1.98 -11.14	32.22 1.94 -11.84	32.25 2.01 -11.05	32.46 2.00 -11.25	39.72 1.97 -17.23	40.12 3.09 -7.07	37.24 3.04 -4.70	32.41 2.65 -3.53	31.73 2.38 -4.53	30.58 1.62 -11.35	28.34 2.11 -3.28

FRESHKLS_33_KV_LOAD 356253	22.15 0.38 -15.87	20.80 0.39 -15.13	19.64 0.34 -14.33	19.45 0.31 -14.39	20.00 0.30 -14.78	22.07 0.31 -16.07	29.22 0.92 -14.84	36.54 1.55 -12.60	34.55 1.41 -13.57	31.75 1.50 -9.76	32.47 2.03 -4.68	32.34 2.05 -4.31	31.82 1.78 -8.10	32.12 1.61 -11.13	31.63 1.55 -11.63	31.51 1.59 -10.74	31.91 1.52 -11.19	39.36 1.60 -17.24	39.33 2.31 -7.06	36.41 2.21 -4.69	30.93 1.97 -2.73	28.91 1.76 -2.33	27.99 1.14 -9.23	24.50 1.49 -0.06
FULTON COGEN____ 23766	9.39 0.19 -3.30	8.60 0.16 -3.15	8.09 0.13 -2.98	7.87 0.13 -3.00	8.13 0.14 -3.08	9.25 0.21 -3.35	16.98 0.43 -3.08	25.81 0.78 -2.62	23.18 0.65 -2.96	23.17 0.66 -2.02	27.53 0.80 -0.97	27.67 0.81 -0.90	24.29 0.66 -1.69	22.26 0.56 -2.32	21.38 0.52 -2.42	21.91 0.50 -2.23	22.06 0.52 -2.33	23.99 -0.12 -3.59	31.26 -0.18 -1.47	30.28 -0.21 -0.98	26.62 -0.18 -0.57	25.13 -0.17 -0.48	19.45 -0.07 -1.91	22.85 -0.09 0.00
FULTON____LFGE 323630	26.11 0.42 -19.79	24.52 0.35 -18.88	23.18 0.32 -17.88	23.01 0.30 -17.96	23.69 0.33 -18.44	26.19 0.44 -20.05	33.04 1.12 -18.46	40.14 2.02 -15.72	39.15 1.82 -17.75	34.55 1.95 -12.10	33.86 2.27 -5.84	33.59 2.23 -5.38	34.00 1.95 -10.11	34.84 1.57 -13.89	34.38 1.42 -14.51	34.20 1.63 -13.39	34.84 1.67 -13.96	43.95 1.93 -21.50	41.68 2.91 -8.81	38.07 2.71 -5.85	31.96 2.33 -3.39	29.85 2.13 -2.89	30.35 1.28 -11.46	24.64 1.70 0.00
G.F.CEMENT____DRP 24184	25.87 0.29 -19.68	24.31 0.25 -18.77	22.98 0.22 -17.78	22.82 0.21 -17.86	23.49 0.23 -18.34	25.93 0.29 -19.94	32.63 0.81 -18.36	39.45 1.41 -15.64	38.54 1.31 -17.65	33.95 1.41 -12.04	33.23 1.67 -5.80	33.01 1.69 -5.35	33.40 1.40 -10.06	34.34 1.14 -13.81	33.98 1.11 -14.43	33.66 1.17 -13.31	34.28 1.19 -13.88	43.26 1.35 -21.38	40.73 2.01 -8.76	37.27 1.95 -5.82	31.28 1.68 -3.37	29.18 1.49 -2.87	29.92 0.92 -11.40	24.14 1.19 0.00
GARDENVILLE____LBMP 24039	10.74 0.17 -4.68	9.87 0.12 -4.46	9.22 0.01 -4.23	9.04 0.04 -4.25	9.33 0.05 -4.36	10.62 0.18 -4.74	18.06 0.23 -4.37	26.01 -0.11 -3.72	23.71 -0.06 -4.20	23.15 -0.20 -2.86	26.62 -0.52 -1.38	26.93 -0.31 -1.27	24.33 0.00 -2.39	22.67 0.00 -3.29	21.92 0.04 -3.43	22.40 0.06 -3.17	22.57 0.06 -3.30	25.57 -0.04 -5.09	31.81 -0.24 -2.08	30.60 -0.30 -1.38	26.85 -0.18 -0.80	25.43 -0.07 -0.68	20.34 0.02 -2.71	23.43 0.48 0.00
GARDNVLA_35_KV_LD 355827	10.76 0.18 -4.68	9.88 0.13 -4.46	9.23 0.03 -4.23	9.05 0.06 -4.25	9.34 0.06 -4.36	10.64 0.21 -4.74	18.10 0.27 -4.36	26.10 -0.02 -3.72	23.79 0.02 -4.20	23.23 -0.12 -2.86	26.72 -0.41 -1.38	27.04 -0.21 -1.27	24.44 0.11 -2.39	22.77 0.10 -3.28	22.01 0.13 -3.43	22.48 0.13 -3.17	22.64 0.13 -3.30	25.67 0.06 -5.09	31.93 -0.12 -2.08	30.71 -0.18 -1.38	26.98 -0.05 -0.80	25.53 0.02 -0.68	20.41 0.09 -2.71	23.54 0.60 0.00
GELCKHM__115KV_LOAD 80723	9.50 0.09 -3.51	8.70 0.07 -3.35	8.19 0.04 -3.17	7.98 0.05 -3.18	8.24 0.05 -3.27	9.35 0.10 -3.56	16.96 0.22 -3.27	25.55 0.36 -2.79	23.03 0.31 -3.15	22.95 0.31 -2.15	27.12 0.33 -1.04	27.29 0.36 -0.95	24.04 0.31 -1.79	22.12 0.27 -2.46	21.26 0.24 -2.57	21.78 0.23 -2.37	21.92 0.23 -2.48	24.46 0.12 -3.82	31.71 0.18 -1.56	30.69 0.15 -1.04	26.94 0.10 -0.60	25.43 0.10 -0.51	19.75 0.11 -2.03	23.10 0.16 0.00
GENERAL____MILLS 23808	10.75 0.17 -4.68	9.87 0.12 -4.46	9.22 0.02 -4.23	9.05 0.05 -4.25	9.34 0.06 -4.36	10.63 0.19 -4.74	18.07 0.24 -4.36	26.03 -0.09 -3.72	23.75 -0.02 -4.20	23.19 -0.16 -2.86	26.67 -0.46 -1.38	26.98 -0.26 -1.27	24.38 0.04 -2.39	22.71 0.04 -3.28	21.95 0.07 -3.43	22.42 0.08 -3.17	22.61 0.10 -3.30	25.61 0.00 -5.09	31.84 -0.21 -2.08	30.66 -0.24 -1.38	26.90 -0.13 -0.80	25.48 -0.02 -0.68	20.37 0.05 -2.71	23.49 0.55 0.00
GE_PLASTICS____DRP 24183	25.21 0.18 -19.13	23.69 0.15 -18.25	22.40 0.14 -17.29	22.25 0.14 -17.36	22.89 0.15 -17.83	25.27 0.18 -19.39	31.76 0.44 -17.85	38.36 0.76 -15.20	37.40 0.67 -17.16	32.87 0.68 -11.70	32.25 0.85 -5.64	32.03 0.86 -5.20	32.44 0.72 -9.78	33.45 0.64 -13.43	33.12 0.65 -14.03	32.79 0.67 -12.94	33.38 0.67 -13.49	42.03 0.72 -20.79	39.53 1.05 -8.52	36.20 1.03 -5.65	30.40 0.89 -3.28	28.43 0.82 -2.79	29.18 0.49 -11.08	23.63 0.69 0.00
GILBOA____1 23756	21.95 0.23 -15.83	20.58 0.20 -15.09	19.47 0.19 -14.30	19.30 0.19 -14.36	19.86 0.20 -14.75	21.95 0.22 -16.04	28.74 0.51 -14.76	35.82 0.85 -12.57	34.55 0.78 -14.20	30.97 0.80 -9.68	31.40 0.98 -4.67	31.29 1.01 -4.30	30.88 0.85 -8.09	31.27 0.78 -11.11	30.81 0.76 -11.60	30.67 0.79 -10.71	31.16 0.79 -11.16	38.49 0.78 -17.19	38.08 1.08 -7.04	35.30 1.12 -4.68	29.99 1.05 -2.71	28.10 0.97 -2.31	27.40 0.63 -9.16	23.79 0.85 0.00
GILBOA____2 23757	21.95 0.23 -15.83	20.58 0.20 -15.09	19.47 0.19 -14.30	19.30 0.19 -14.36	19.86 0.20 -14.75	21.95 0.22 -16.04	28.74 0.51 -14.76	35.82 0.85 -12.57	34.55 0.78 -14.20	30.97 0.80 -9.68	31.40 0.98 -4.67	31.29 1.01 -4.30	30.88 0.85 -8.09	31.27 0.78 -11.11	30.81 0.76 -11.60	30.67 0.79 -10.71	31.16 0.79 -11.16	38.49 0.78 -17.19	38.08 1.08 -7.04	35.30 1.12 -4.68	29.99 1.05 -2.71	28.10 0.97 -2.31	27.40 0.63 -9.16	23.79 0.85 0.00
GILBOA____3 23758	21.95 0.23 -15.83	20.58 0.20 -15.09	19.47 0.19 -14.30	19.30 0.19 -14.36	19.86 0.20 -14.75	21.95 0.22 -16.04	28.74 0.51 -14.76	35.82 0.85 -12.57	34.55 0.78 -14.20	30.97 0.80 -9.68	31.40 0.98 -4.67	31.29 1.01 -4.30	30.88 0.85 -8.09	31.27 0.78 -11.11	30.81 0.76 -11.60	30.67 0.79 -10.71	31.16 0.79 -11.16	38.49 0.78 -17.19	38.08 1.08 -7.04	35.30 1.12 -4.68	29.99 1.05 -2.71	28.10 0.97 -2.31	27.40 0.63 -9.16	23.79 0.85 0.00
GILBOA____4 23759	21.95 0.23 -15.83	20.58 0.20 -15.09	19.47 0.19 -14.30	19.30 0.19 -14.36	19.86 0.20 -14.75	21.95 0.22 -16.04	28.74 0.51 -14.76	35.82 0.85 -12.57	34.55 0.78 -14.20	30.97 0.80 -9.68	31.40 0.98 -4.67	31.29 1.01 -4.30	30.88 0.85 -8.09	31.27 0.78 -11.11	30.81 0.76 -11.60	30.67 0.79 -10.71	31.16 0.79 -11.16	38.49 0.78 -17.19	38.08 1.08 -7.04	35.30 1.12 -4.68	29.99 1.05 -2.71	28.10 0.97 -2.31	27.40 0.63 -9.16	23.79 0.85 0.00
GILBOA____ 23599	21.95 0.23 -15.83	20.58 0.20 -15.09	19.47 0.19 -14.30	19.30 0.19 -14.36	19.86 0.20 -14.75	21.95 0.22 -16.04	28.74 0.51 -14.76	35.87 0.90 -12.57	34.55 0.78 -14.20	30.97 0.80 -9.68	31.40 0.98 -4.67	31.29 1.01 -4.30	30.88 0.86 -8.09	31.27 0.78 -11.11	30.81 0.76 -11.60	30.67 0.79 -10.71	31.16 0.79 -11.16	38.50 0.78 -17.20	38.09 1.08 -7.04	35.31 1.12 -4.68	29.99 1.05 -2.71	28.10 0.97 -2.31	27.41 0.63 -9.17	23.79 0.85 0.00
GINNA____ 23603	9.62 -0.15 -3.87	8.83 -0.14 -3.69	8.29 -0.17 -3.49	8.10 -0.16 -3.51	8.36 -0.16 -3.60	9.49 -0.13 -3.92	16.72 -0.35 -3.61	24.78 -0.69 -3.07	22.51 -0.53 -3.47	22.29 -0.57 -2.36	26.07 -0.83 -1.14	26.24 -0.78 -1.05	23.37 -0.55 -1.98	21.65 -0.45 -2.71	20.84 -0.44 -2.84	21.35 -0.44 -2.62	21.44 -0.50 -2.73	24.10 -0.60 -4.17	30.78 -0.90 -1.71	29.70 -0.95 -1.14	26.03 -0.87 -0.66	24.49 -0.89 -0.56	19.25 -0.58 -2.23	22.10 -0.85 0.00

GLEN PARK____ 23778	8.04 0.08 -2.06	7.31 0.06 -1.97	6.89 0.05 -1.86	6.68 0.06 -1.87	6.90 0.06 -1.92	7.88 0.10 -2.09	15.70 0.31 -1.92	24.66 0.63 -1.64	21.85 0.43 -1.85	22.21 0.45 -1.26	26.83 0.46 -0.61	26.87 0.34 -0.56	23.23 0.24 -1.05	20.98 0.15 -1.45	20.07 0.11 -1.51	20.67 0.10 -1.39	20.76 0.10 -1.45	22.59 0.02 -2.05	30.96 0.15 -0.84	30.36 0.30 -0.56	26.79 0.24 -0.32	25.37 0.27 -0.28	18.90 0.19 -1.09	23.11 0.16 0.00
GLENDALDE_27_KV_LOAD 356172	22.13 0.36 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.45 0.31 -14.39	20.00 0.30 -14.78	22.09 0.32 -16.07	29.20 0.90 -14.84	36.72 1.72 -12.60	35.36 1.57 -14.23	31.86 1.60 -9.76	32.54 2.11 -4.68	32.44 2.16 -4.31	31.89 1.84 -8.10	32.16 1.65 -11.13	31.68 1.60 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.59 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GLENWOOD_IC_1_G5 23712	22.90 0.47 -16.54	20.83 0.42 -15.13	19.68 0.37 -14.33	19.50 0.36 -14.39	20.06 0.36 -14.78	22.20 0.43 -16.07	35.16 1.14 -20.55	37.04 2.04 -12.60	35.70 1.80 -14.32	35.30 1.89 -12.92	32.80 2.37 -4.68	32.70 2.42 -4.31	32.11 2.06 -8.10	32.36 1.84 -11.13	32.09 1.81 -11.84	32.09 1.86 -11.05	32.28 1.82 -11.25	39.61 1.85 -17.24	39.87 2.85 -7.06	37.00 2.80 -4.69	32.17 2.41 -3.53	31.51 2.16 -4.53	30.39 1.43 -11.36	28.09 1.86 -3.28
GLENWOOD_IC_2_G1 23688	22.86 0.43 -16.54	20.81 0.39 -15.14	19.65 0.34 -14.33	19.47 0.33 -14.40	20.03 0.33 -14.79	22.17 0.39 -16.08	35.03 1.05 -20.51	36.96 1.95 -12.61	35.50 1.66 -14.26	35.14 1.72 -12.92	32.63 2.19 -4.68	32.50 2.21 -4.32	31.94 1.89 -8.11	32.23 1.71 -11.14	31.94 1.66 -11.84	31.94 1.71 -11.05	32.15 1.69 -11.25	39.50 1.74 -17.23	39.67 2.64 -7.07	36.80 2.60 -4.70	31.99 2.23 -3.53	31.34 1.99 -4.53	30.27 1.30 -11.35	27.95 1.72 -3.28
GLENWOOD_IC_3_G1 23689	22.86 0.43 -16.54	20.81 0.39 -15.14	19.65 0.34 -14.33	19.47 0.33 -14.40	20.03 0.33 -14.79	22.17 0.39 -16.08	35.03 1.05 -20.51	36.96 1.95 -12.61	35.50 1.66 -14.26	35.14 1.72 -12.92	32.63 2.19 -4.68	32.50 2.21 -4.32	31.94 1.89 -8.11	32.23 1.71 -11.14	31.94 1.66 -11.84	31.94 1.71 -11.05	32.15 1.69 -11.25	39.50 1.74 -17.23	39.67 2.64 -7.07	36.80 2.60 -4.70	31.99 2.23 -3.53	31.34 1.99 -4.53	30.27 1.30 -11.35	27.95 1.72 -3.28
GLENWOOD____4 23550	22.90 0.47 -16.54	20.83 0.42 -15.13	19.68 0.37 -14.33	19.50 0.36 -14.39	20.06 0.36 -14.78	22.20 0.43 -16.07	35.16 1.14 -20.55	37.04 2.04 -12.60	35.70 1.80 -14.32	35.30 1.89 -12.92	32.80 2.37 -4.68	32.70 2.42 -4.31	32.11 2.06 -8.10	32.36 1.84 -11.13	32.09 1.81 -11.84	32.09 1.86 -11.05	32.28 1.82 -11.25	39.61 1.85 -17.24	39.87 2.85 -7.06	37.00 2.80 -4.69	32.17 2.41 -3.53	31.51 2.16 -4.53	30.39 1.43 -11.36	28.09 1.86 -3.28
GLENWOOD____5 23614	22.90 0.47 -16.54	20.83 0.42 -15.13	19.68 0.37 -14.33	19.50 0.36 -14.39	20.06 0.36 -14.78	22.20 0.43 -16.07	35.16 1.14 -20.55	37.04 2.04 -12.60	35.70 1.80 -14.32	35.30 1.89 -12.92	32.80 2.37 -4.68	32.70 2.42 -4.31	32.11 2.06 -8.10	32.36 1.84 -11.13	32.09 1.81 -11.84	32.09 1.86 -11.05	32.28 1.82 -11.25	39.61 1.85 -17.24	39.87 2.85 -7.06	37.00 2.80 -4.69	32.17 2.41 -3.53	31.51 2.16 -4.53	30.39 1.43 -11.36	28.09 1.86 -3.28
GLOBAL GREEN_PORT_GT1 23814	23.32 0.89 -16.54	21.20 0.78 -15.14	20.01 0.70 -14.33	19.83 0.68 -14.40	20.41 0.70 -14.79	22.63 0.85 -16.08	40.53 2.20 -24.87	45.52 3.83 -19.29	45.20 3.39 -22.24	45.63 3.57 -21.57	67.09 4.35 -36.99	61.82 4.39 -31.46	56.24 3.80 -30.50	54.33 3.37 -31.58	55.98 3.27 -34.27	58.06 3.40 -35.49	75.89 3.40 -53.28	92.00 3.39 -68.09	85.23 5.18 -50.08	105.57 5.08 -70.98	48.73 4.48 -18.01	47.69 4.07 -18.79	48.57 2.84 -28.13	29.99 3.62 -3.42
GLOBE____DSASP 323697	10.45 0.05 -4.50	9.60 0.02 -4.29	8.96 -0.08 -4.07	8.80 -0.04 -4.09	9.07 -0.04 -4.20	10.33 0.07 -4.56	17.61 -0.05 -4.20	25.30 -0.67 -3.58	23.06 -0.55 -4.04	22.53 -0.72 -2.75	25.90 -1.18 -1.33	26.18 -1.01 -1.22	23.67 -0.57 -2.30	22.04 -0.50 -3.16	21.31 -0.44 -3.30	21.76 -0.46 -3.05	21.90 -0.48 -3.18	24.74 -0.68 -4.89	30.77 -1.20 -2.01	29.63 -1.21 -1.33	26.09 -0.92 -0.77	24.68 -0.79 -0.66	19.80 -0.42 -2.61	22.58 -0.37 0.00
GOETHSLN____LBMP 323567	22.11 0.34 -15.87	20.74 0.32 -15.13	19.59 0.28 -14.33	19.40 0.27 -14.39	19.96 0.27 -14.78	22.07 0.30 -16.07	29.14 0.83 -14.84	36.61 1.61 -12.60	35.19 1.39 -14.23	31.69 1.43 -9.76	32.31 1.88 -4.68	32.18 1.90 -4.31	31.69 1.65 -8.10	32.01 1.49 -11.13	31.54 1.46 -11.63	31.39 1.48 -10.73	31.85 1.46 -11.19	39.24 1.48 -17.24	39.27 2.25 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.74 1.59 -2.33	27.86 1.02 -9.23	24.34 1.33 -0.06
GOLAH____69_KV_TB 1_2 80279	10.07 0.21 -3.96	9.24 0.17 -3.77	8.65 0.10 -3.58	8.45 0.11 -3.59	8.72 0.12 -3.69	9.93 0.22 -4.01	17.56 0.40 -3.69	25.95 0.40 -3.14	23.51 0.39 -3.55	23.26 0.35 -2.42	27.18 0.26 -1.17	27.44 0.39 -1.08	24.42 0.46 -2.02	22.61 0.45 -2.78	21.75 0.41 -2.90	22.24 0.38 -2.68	22.35 0.35 -2.79	25.13 0.31 -4.30	32.12 0.39 -1.76	31.03 0.35 -1.17	27.25 0.34 -0.68	25.72 0.32 -0.58	20.20 0.30 -2.29	23.33 0.39 0.00
GOODYEAR_LAKE_HYD 323669	15.94 0.30 -9.75	14.84 0.25 -9.29	14.01 0.23 -8.81	13.82 0.23 -8.84	14.24 0.24 -9.08	15.86 0.29 -9.88	23.28 0.73 -9.09	31.40 1.25 -7.74	29.43 1.12 -8.74	27.62 1.17 -5.96	30.05 1.42 -2.87	30.05 1.43 -2.65	28.15 1.23 -4.98	27.27 1.05 -6.84	26.63 1.03 -7.15	26.83 1.05 -6.59	27.12 1.04 -6.87	32.24 1.13 -10.59	35.92 1.62 -4.34	34.07 1.68 -2.88	29.35 1.44 -1.67	27.58 1.34 -1.42	24.12 0.86 -5.65	24.11 1.17 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	13.23 0.22 -7.11	12.24 0.17 -6.78	11.53 0.13 -6.43	11.34 0.14 -6.45	11.68 0.14 -6.63	13.12 0.22 -7.21	20.56 0.46 -6.63	28.77 0.72 -5.65	26.58 0.63 -6.38	25.42 0.57 -4.35	28.50 0.64 -2.10	28.58 0.68 -1.93	26.19 0.61 -3.63	24.92 0.54 -4.99	24.20 0.53 -5.21	24.55 0.56 -4.81	24.80 0.58 -5.02	28.82 0.57 -7.73	33.94 0.81 -3.16	32.41 0.80 -2.10	28.13 0.68 -1.22	26.48 0.62 -1.04	22.17 0.44 -4.12	23.70 0.76 0.00
GOUDEY____7 23579	13.23 0.22 -7.11	12.25 0.18 -6.78	11.54 0.14 -6.43	11.34 0.14 -6.45	11.69 0.15 -6.63	13.13 0.22 -7.21	20.57 0.47 -6.63	28.79 0.74 -5.65	26.60 0.65 -6.38	25.44 0.59 -4.35	28.52 0.67 -2.10	28.61 0.70 -1.93	26.21 0.64 -3.63	24.94 0.56 -4.99	24.21 0.55 -5.21	24.56 0.58 -4.81	24.82 0.60 -5.02	28.84 0.60 -7.73	33.97 0.84 -3.16	32.44 0.83 -2.10	28.16 0.71 -1.22	26.50 0.65 -1.04	22.17 0.44 -4.12	23.72 0.78 0.00
GOUDEY____8 23580	13.23 0.22 -7.11	12.24 0.17 -6.78	11.53 0.13 -6.43	11.34 0.14 -6.45	11.68 0.14 -6.63	13.12 0.22 -7.21	20.56 0.46 -6.63	28.77 0.72 -5.65	26.58 0.63 -6.38	25.42 0.57 -4.35	28.50 0.64 -2.10	28.58 0.68 -1.93	26.19 0.61 -3.63	24.92 0.54 -4.99	24.20 0.53 -5.21	24.55 0.56 -4.81	24.80 0.58 -5.02	28.82 0.57 -7.73	33.94 0.81 -3.16	32.41 0.80 -2.10	28.13 0.68 -1.22	26.48 0.62 -1.04	22.17 0.44 -4.12	23.70 0.76 0.00

GOWANUS_GT1_1 24077	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT1_2 24078	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT1_3 24079	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT1_4 24080	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT1_5 24084	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT1_6 24111	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT1_7 24112	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT1_8 24113	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT2_1 24114	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT2_2 24115	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT2_3 24116	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT2_4 24117	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT2_5 24118	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT2_6 24119	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT2_7 24120	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06

GOWANUS_GT2_8 24121	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_1 24122	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_2 24123	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_3 24124	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_4 24125	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_5 24126	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_6 24127	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_7 24128	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT3_8 24129	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
GOWANUS_GT4_1 24130	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT4_2 24131	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT4_3 24132	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT4_4 24133	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT4_5 24134	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT4_6 24135	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06

GOWANUS_GT4_7 24136	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GOWANUS_GT4_8 24137	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GREENBSH_115KV_TB3 55895	25.23 0.15 -19.19	23.71 0.13 -18.30	22.43 0.11 -17.34	22.27 0.11 -17.41	22.92 0.12 -17.88	25.30 0.16 -19.44	31.76 0.40 -17.89	38.34 0.69 -15.24	37.37 0.59 -17.21	32.84 0.61 -11.73	32.16 0.75 -5.66	31.97 0.78 -5.22	32.40 0.66 -9.80	33.41 0.56 -13.46	33.09 0.57 -14.07	32.75 0.59 -12.98	33.34 0.60 -13.53	42.02 0.66 -20.84	39.46 0.96 -8.54	36.09 0.91 -5.67	30.33 0.81 -3.29	28.37 0.74 -2.80	29.13 0.41 -11.11	23.52 0.57 0.00
GREENDGE_115KV_TB5 80291	11.30 0.24 -5.16	10.41 0.20 -4.93	9.78 0.13 -4.67	9.58 0.14 -4.69	9.88 0.16 -4.81	11.20 0.27 -5.23	18.83 0.55 -4.82	27.40 0.90 -4.10	24.99 0.78 -4.63	24.37 0.72 -3.16	28.05 0.77 -1.52	28.21 0.83 -1.40	25.32 0.75 -2.64	23.69 0.68 -3.62	22.88 0.65 -3.79	23.34 0.67 -3.49	23.54 0.69 -3.64	26.85 0.72 -5.62	33.31 1.05 -2.30	31.98 0.94 -1.53	27.93 0.81 -0.89	26.30 0.72 -0.75	21.10 0.49 -2.99	23.72 0.78 0.00
GREENIDGE___3 23582	11.30 0.24 -5.16	10.41 0.20 -4.93	9.78 0.13 -4.67	9.58 0.14 -4.69	9.88 0.16 -4.81	11.20 0.27 -5.23	18.83 0.55 -4.82	27.40 0.90 -4.10	24.99 0.78 -4.63	24.37 0.72 -3.16	28.05 0.77 -1.52	28.21 0.83 -1.40	25.32 0.75 -2.64	23.69 0.68 -3.62	22.88 0.65 -3.79	23.34 0.67 -3.49	23.54 0.69 -3.64	26.85 0.72 -5.62	33.31 1.05 -2.30	31.98 0.94 -1.53	27.93 0.81 -0.89	26.30 0.72 -0.75	21.10 0.49 -2.99	23.72 0.78 0.00
GREENIDGE___4 23583	11.30 0.24 -5.16	10.41 0.20 -4.93	9.78 0.13 -4.67	9.58 0.14 -4.69	9.88 0.16 -4.81	11.20 0.27 -5.23	18.83 0.55 -4.82	27.38 0.87 -4.10	24.99 0.78 -4.63	24.37 0.72 -3.16	28.05 0.77 -1.52	28.21 0.83 -1.40	25.33 0.75 -2.64	23.69 0.68 -3.62	22.88 0.65 -3.79	23.34 0.67 -3.49	23.54 0.69 -3.64	26.80 0.70 -5.58	33.30 1.05 -2.29	31.97 0.94 -1.52	27.93 0.81 -0.88	26.29 0.72 -0.75	21.09 0.51 -2.97	23.79 0.85 0.00
GREENLWN_69_KV_BK 3 55738	22.96 0.52 -16.54	20.89 0.47 -15.13	19.72 0.41 -14.33	19.54 0.40 -14.39	20.10 0.41 -14.78	22.26 0.49 -16.07	34.71 1.40 -19.85	35.85 2.33 -11.12	34.70 2.11 -13.01	35.35 2.19 -12.66	31.98 2.47 -3.76	32.03 2.52 -3.54	31.53 2.13 -7.46	31.85 1.92 -10.54	31.52 1.88 -11.19	31.49 1.96 -10.35	31.21 1.94 -10.06	38.21 1.89 -15.80	38.80 3.00 -5.84	35.27 2.95 -2.81	31.94 2.60 -3.11	31.34 2.41 -4.12	28.44 1.69 -9.14	28.44 2.23 -3.27
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
GRISSOM___SOLAR 323813	26.11 0.42 -19.79	24.52 0.35 -18.88	23.18 0.32 -17.88	23.01 0.30 -17.96	23.69 0.33 -18.44	26.19 0.44 -20.05	33.04 1.12 -18.46	40.14 2.02 -15.72	39.15 1.82 -17.75	34.55 1.95 -12.10	33.86 2.27 -5.84	33.59 2.23 -5.38	34.00 1.95 -10.11	34.84 1.57 -13.89	34.38 1.42 -14.51	34.20 1.63 -13.39	34.84 1.67 -13.96	43.95 1.93 -21.50	41.68 2.91 -8.81	38.07 2.71 -5.85	31.96 2.33 -3.39	29.85 2.13 -2.89	30.35 1.28 -11.46	24.64 1.70 0.00
GROVEVILLE___HYD 323602	21.97 0.39 -15.68	20.58 0.34 -14.95	19.44 0.30 -14.17	19.26 0.28 -14.23	19.82 0.29 -14.61	21.93 0.34 -15.89	28.98 0.89 -14.62	36.47 1.61 -12.46	35.07 1.43 -14.06	31.56 1.48 -9.59	32.31 1.93 -4.62	32.16 1.92 -4.26	31.55 1.60 -8.01	31.82 1.43 -11.00	31.36 1.42 -11.50	31.26 1.48 -10.61	31.73 1.46 -11.06	39.16 1.56 -17.08	39.24 2.28 -7.00	36.40 2.24 -4.65	30.82 1.89 -2.69	28.83 1.71 -2.30	27.79 1.07 -9.10	24.41 1.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	9.80 0.17 -3.74	8.98 0.13 -3.56	8.46 0.10 -3.38	8.24 0.10 -3.39	8.51 0.11 -3.48	9.65 0.17 -3.79	17.33 0.38 -3.48	26.04 0.67 -2.97	23.49 0.57 -3.35	23.35 0.57 -2.28	27.53 0.67 -1.10	27.69 0.70 -1.02	24.42 0.57 -1.91	22.51 0.50 -2.62	21.65 0.46 -2.74	22.17 0.46 -2.53	22.31 0.46 -2.64	24.91 0.33 -4.06	32.08 0.45 -1.66	31.03 0.41 -1.10	27.24 0.37 -0.64	25.71 0.35 -0.55	20.04 0.26 -2.16	23.29 0.34 0.00
HAMLTNNY_34_KV_TB 80303	9.96 0.18 -3.88	9.13 0.14 -3.70	8.59 0.11 -3.51	8.38 0.11 -3.52	8.65 0.12 -3.62	9.82 0.18 -3.94	17.53 0.44 -3.62	26.25 0.76 -3.09	23.70 0.65 -3.48	23.51 0.64 -2.38	27.67 0.77 -1.15	27.81 0.78 -1.06	24.60 0.68 -1.98	22.71 0.60 -2.73	21.85 0.55 -2.85	22.36 0.56 -2.63	22.51 0.56 -2.74	25.26 0.51 -4.22	32.41 0.72 -1.73	31.33 0.68 -1.15	27.48 0.58 -0.67	25.91 0.52 -0.57	20.25 0.39 -2.25	23.45 0.50 0.00
HAMPSHIRE___PAPER_HYD 323593	6.78 -0.09 -0.98	6.14 -0.08 -0.93	5.79 -0.06 -0.88	5.57 -0.07 -0.89	5.76 -0.07 -0.91	6.60 -0.09 -0.99	14.19 -0.19 -0.91	22.91 -0.27 -0.78	20.16 -0.29 -0.88	20.83 -0.27 -0.60	25.74 -0.31 -0.29	25.74 -0.49 -0.27	21.87 -0.57 -0.50	19.53 -0.54 -0.69	18.65 -0.52 -0.72	19.28 -0.56 -0.66	19.30 -0.60 -0.69	20.89 -0.62 -0.99	29.56 -0.81 -0.40	29.07 -0.71 -0.27	25.81 -0.58 -0.16	24.58 -0.37 -0.13	17.92 -0.21 -0.53	22.60 -0.34 0.00
HARDSCRABBLE_WT_PWR 323673	6.33 0.03 -0.41	5.69 0.02 -0.39	5.35 0.01 -0.37	5.13 0.01 -0.37	5.29 0.00 -0.38	6.10 -0.01 -0.41	13.82 -0.03 -0.38	22.68 -0.04 -0.32	19.90 -0.04 -0.36	20.72 -0.02 -0.25	25.90 0.03 -0.12	26.13 0.05 -0.11	22.21 0.07 -0.21	19.71 0.04 -0.29	18.75 0.00 -0.30	19.47 0.02 -0.28	19.52 0.02 -0.29	21.03 0.08 -0.43	30.17 0.03 -0.17	29.62 0.00 -0.12	26.27 -0.03 -0.07	24.95 0.07 -0.06	17.92 0.09 -0.23	23.15 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.54 0.36 -14.28	19.22 0.32 -13.62	18.16 0.28 -12.90	17.97 0.26 -12.96	18.49 0.27 -13.31	20.49 0.32 -14.47	27.60 0.82 -13.32	35.22 1.48 -11.34	33.71 1.33 -12.81	30.56 1.33 -8.73	31.69 1.73 -4.21	31.59 1.74 -3.88	30.71 1.47 -7.30	30.70 1.30 -10.02	30.21 1.29 -10.47	30.18 1.34 -9.66	30.62 1.34 -10.07	37.48 1.44 -15.52	38.45 2.13 -6.36	35.82 2.10 -4.22	30.39 1.71 -2.45	28.45 1.54 -2.09	26.85 0.97 -8.27	24.25 1.31 0.00

HARSNRAD_115KV_TB1 81005	10.51 0.18 -4.44	9.65 0.13 -4.23	9.01 0.02 -4.01	8.83 0.06 -4.03	9.12 0.06 -4.14	10.38 0.19 -4.50	17.81 0.20 -4.14	25.70 -0.22 -3.53	23.40 -0.16 -3.98	22.92 -0.29 -2.72	26.42 -0.64 -1.31	26.71 -0.47 -1.21	24.10 -0.11 -2.27	22.40 -0.10 -3.12	21.65 -0.06 -3.26	22.12 -0.06 -3.00	22.26 -0.08 -3.13	25.16 -0.18 -4.83	31.43 -0.51 -1.98	30.26 -0.56 -1.31	26.63 -0.37 -0.76	25.20 -0.27 -0.65	20.09 -0.09 -2.57	23.06 0.11 0.00
HARZA MOOSE__RIVER 24016	7.11 0.06 -1.15	6.43 0.05 -1.10	6.06 0.04 -1.04	5.85 0.05 -1.05	6.04 0.05 -1.07	6.93 0.07 -1.17	14.73 0.19 -1.07	23.67 0.36 -0.92	20.88 0.27 -1.03	21.51 0.31 -0.70	26.43 0.33 -0.34	26.54 0.26 -0.31	22.73 0.20 -0.59	20.33 0.14 -0.81	19.42 0.13 -0.84	20.07 0.12 -0.78	20.14 0.12 -0.81	21.96 0.18 -1.25	30.78 0.30 -0.51	30.23 0.38 -0.34	26.75 0.31 -0.20	25.34 0.35 -0.17	18.51 0.23 -0.67	23.20 0.25 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	9.47 0.08 -3.49	8.68 0.06 -3.33	8.17 0.04 -3.16	7.96 0.04 -3.17	8.22 0.05 -3.26	9.33 0.09 -3.54	16.93 0.20 -3.26	25.51 0.34 -2.78	23.00 0.29 -3.13	22.90 0.27 -2.14	27.09 0.31 -1.03	27.26 0.34 -0.95	24.01 0.29 -1.79	22.09 0.25 -2.45	21.23 0.22 -2.56	21.75 0.21 -2.36	21.88 0.21 -2.46	24.46 0.14 -3.80	31.70 0.18 -1.56	30.69 0.15 -1.03	26.96 0.13 -0.60	25.46 0.12 -0.51	19.76 0.12 -2.02	23.10 0.16 0.00
HELLGATE_13_KV_LD 55870	22.11 0.34 -15.87	20.77 0.36 -15.13	19.63 0.32 -14.33	19.44 0.30 -14.39	19.99 0.29 -14.78	22.07 0.30 -16.07	29.12 0.82 -14.84	36.59 1.59 -12.60	35.25 1.45 -14.23	31.73 1.48 -9.76	32.41 1.98 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.06 1.55 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.85 1.46 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.88 1.04 -9.23	24.34 1.33 -0.06
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.11 0.34 -15.87	20.77 0.36 -15.13	19.63 0.32 -14.33	19.44 0.30 -14.39	19.99 0.29 -14.78	22.07 0.30 -16.07	29.12 0.82 -14.84	36.59 1.59 -12.60	35.25 1.45 -14.23	31.73 1.48 -9.76	32.41 1.98 -4.68	32.28 2.00 -4.31	31.75 1.71 -8.10	32.06 1.55 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.85 1.46 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.88 1.04 -9.23	24.34 1.33 -0.06
HEMPSTEAD____ 23647	22.91 0.48 -16.54	20.85 0.43 -15.14	19.69 0.38 -14.33	19.51 0.37 -14.40	20.07 0.37 -14.79	22.22 0.44 -16.08	35.18 1.17 -20.55	37.14 2.13 -12.61	35.74 1.84 -14.32	35.32 1.91 -12.92	32.78 2.34 -4.68	32.66 2.36 -4.32	32.09 2.04 -8.11	32.34 1.82 -11.14	32.07 1.79 -11.84	32.07 1.84 -11.05	32.28 1.83 -11.25	39.58 1.83 -17.23	39.88 2.85 -7.07	36.98 2.77 -4.70	32.17 2.41 -3.53	31.51 2.16 -4.53	30.42 1.46 -11.35	28.11 1.88 -3.28
HEWLETT__69_KV_BK3 55828	22.97 0.54 -16.54	20.90 0.48 -15.13	19.73 0.43 -14.33	19.55 0.41 -14.39	20.11 0.42 -14.78	22.27 0.50 -16.07	35.19 1.21 -20.51	37.15 2.15 -12.60	35.73 1.90 -14.26	35.38 1.97 -12.92	32.90 2.47 -4.68	32.78 2.49 -4.31	32.17 2.13 -8.10	32.43 1.92 -11.13	32.15 1.86 -11.84	32.15 1.92 -11.05	32.36 1.90 -11.25	39.65 1.89 -17.24	39.99 2.97 -7.06	37.12 2.92 -4.69	32.25 2.49 -3.53	31.61 2.26 -4.53	30.48 1.51 -11.36	28.34 2.11 -3.28
HICKLING__1 23621	12.19 0.32 -5.98	11.24 0.25 -5.70	10.55 0.18 -5.40	10.36 0.19 -5.42	10.69 0.20 -5.57	12.08 0.33 -6.06	19.78 0.74 -5.57	28.25 1.10 -4.75	25.91 0.98 -5.36	25.03 0.88 -3.66	28.50 0.98 -1.76	28.66 1.06 -1.63	25.96 0.97 -3.05	24.43 0.85 -4.19	23.68 0.85 -4.38	24.10 0.88 -4.04	24.14 0.71 -4.22	27.80 0.72 -6.56	33.70 1.05 -2.69	32.27 0.97 -1.79	28.11 0.84 -1.03	26.50 0.79 -0.88	21.65 0.55 -3.50	24.00 1.06 0.00
HICKLING__2 23622	12.19 0.32 -5.98	11.24 0.25 -5.70	10.55 0.18 -5.40	10.36 0.19 -5.42	10.69 0.20 -5.57	12.08 0.33 -6.06	19.78 0.74 -5.57	28.25 1.10 -4.75	25.91 0.98 -5.36	25.03 0.88 -3.66	28.50 0.98 -1.76	28.66 1.06 -1.63	25.96 0.97 -3.05	24.43 0.85 -4.19	23.68 0.85 -4.38	24.10 0.88 -4.04	24.14 0.71 -4.22	27.80 0.72 -6.56	33.70 1.05 -2.69	32.27 0.97 -1.79	28.11 0.84 -1.03	26.50 0.79 -0.88	21.65 0.55 -3.50	24.00 1.06 0.00
HIGH FALLS__HY 23754	21.76 0.40 -15.46	20.38 0.35 -14.75	19.25 0.31 -13.97	19.07 0.29 -14.03	19.62 0.29 -14.41	21.71 0.35 -15.67	28.71 0.82 -14.42	36.21 1.52 -12.28	34.79 1.35 -13.87	31.30 1.35 -9.46	32.07 1.75 -4.56	31.92 1.74 -4.21	31.29 1.45 -7.90	31.55 1.32 -10.85	31.09 1.31 -11.34	31.02 1.38 -10.46	31.50 1.38 -10.90	38.79 1.48 -16.79	39.03 2.19 -6.88	36.26 2.18 -4.57	30.69 1.81 -2.65	28.72 1.64 -2.26	27.61 1.06 -8.95	24.41 1.47 0.00
HILLBURN__GT 23639	20.71 0.37 -14.44	19.38 0.32 -13.77	18.30 0.28 -13.05	18.12 0.27 -13.10	18.64 0.27 -13.46	20.66 0.33 -14.63	27.76 0.82 -13.47	35.44 1.57 -11.47	33.86 1.33 -12.95	30.66 1.33 -8.83	31.71 1.70 -4.26	31.61 1.71 -3.93	30.79 1.47 -7.38	30.84 1.32 -10.14	30.33 1.29 -10.59	30.29 1.34 -9.77	30.72 1.32 -10.19	37.61 1.40 -15.69	38.52 2.13 -6.43	35.84 2.06 -4.27	30.41 1.70 -2.47	28.44 1.51 -2.11	26.92 0.95 -8.36	24.32 1.38 0.00
HILLSIDE_115KV_TB1 80332	12.28 0.19 -6.19	11.34 0.15 -5.90	10.65 0.08 -5.59	10.46 0.10 -5.62	10.79 0.11 -5.77	12.17 0.20 -6.27	19.62 0.38 -5.77	27.77 0.45 -4.92	25.56 0.43 -5.55	24.59 0.31 -3.79	27.84 0.26 -1.83	27.99 0.34 -1.68	25.45 0.35 -3.16	24.04 0.31 -4.34	23.30 0.31 -4.54	23.69 0.31 -4.19	23.98 0.40 -4.37	27.63 0.39 -6.72	33.26 0.54 -2.75	31.84 0.50 -1.83	27.71 0.42 -1.06	26.12 0.40 -0.90	21.45 0.26 -3.58	23.65 0.71 0.00
HISHELDN_WT_PWR 323625	10.94 0.16 -4.89	10.06 0.11 -4.66	9.40 0.01 -4.42	9.22 0.04 -4.43	9.52 0.05 -4.55	10.83 0.18 -4.95	18.27 0.24 -4.56	26.17 -0.11 -3.88	23.99 0.04 -4.38	23.36 -0.12 -2.99	26.81 -0.39 -1.44	27.09 -0.21 -1.33	24.50 0.07 -2.50	22.85 0.04 -3.43	22.12 0.09 -3.58	22.60 0.12 -3.31	22.79 0.14 -3.45	25.85 0.04 -5.29	32.07 -0.06 -2.17	30.83 -0.12 -1.44	27.04 -0.03 -0.83	25.56 0.02 -0.71	20.52 0.09 -2.82	23.49 0.55 0.00
HOLTSVILLE_IC_1 23690	23.08 0.65 -16.54	20.99 0.57 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.79 1.55 -24.78	44.19 2.64 -19.15	43.95 2.31 -22.07	44.61 2.42 -21.69	66.05 2.83 -37.47	60.69 2.86 -31.87	55.25 2.48 -30.84	53.49 2.23 -31.88	55.22 2.18 -34.60	57.29 2.26 -35.85	75.38 2.27 -53.91	91.55 2.17 -68.85	84.07 3.39 -50.72	104.81 3.33 -71.97	47.45 2.99 -18.23	46.53 2.71 -19.01	47.94 1.95 -28.38	28.89 2.52 -3.42
HOLTSVILLE_IC_10 23699	23.11 0.68 -16.54	21.02 0.60 -15.14	19.84 0.53 -14.33	19.66 0.51 -14.40	20.23 0.53 -14.79	22.42 0.64 -16.08	40.23 1.66 -25.11	44.87 2.82 -19.65	44.72 2.47 -22.69	44.17 2.58 -21.09	63.98 3.04 -35.18	58.98 3.06 -29.95	53.85 2.65 -29.26	52.20 2.38 -30.44	53.79 2.32 -33.02	55.72 2.42 -34.13	72.56 2.42 -50.93	88.11 2.34 -65.25	81.30 3.65 -47.68	100.35 3.57 -67.28	46.64 3.20 -17.21	45.73 2.90 -18.00	46.90 2.09 -27.20	29.03 2.66 -3.42

HOLTSVILLE_IC_2 23691	23.08 0.65 -16.54	20.99 0.57 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.79 1.55 -24.78	44.19 2.64 -19.15	43.95 2.31 -22.07	44.61 2.42 -21.69	66.05 2.83 -37.47	60.69 2.86 -31.87	55.25 2.48 -30.84	53.49 2.23 -31.88	55.22 2.18 -34.60	57.29 2.26 -35.85	75.38 2.27 -53.91	91.55 2.17 -68.85	84.07 3.39 -50.72	104.81 3.33 -71.97	47.45 2.99 -18.23	46.53 2.71 -19.01	47.94 1.95 -28.38	28.89 2.52 -3.42
HOLTSVILLE_IC_3 23692	23.08 0.65 -16.54	20.99 0.57 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.79 1.55 -24.78	44.19 2.64 -19.15	43.95 2.31 -22.07	44.61 2.42 -21.69	66.05 2.83 -37.47	60.69 2.86 -31.87	55.25 2.48 -30.84	53.49 2.23 -31.88	55.22 2.18 -34.60	57.29 2.26 -35.85	75.38 2.27 -53.91	91.55 2.17 -68.85	84.07 3.39 -50.72	104.81 3.33 -71.97	47.45 2.99 -18.23	46.53 2.71 -19.01	47.94 1.95 -28.38	28.89 2.52 -3.42
HOLTSVILLE_IC_4 23693	23.08 0.65 -16.54	20.99 0.57 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.79 1.55 -24.78	44.19 2.64 -19.15	43.95 2.31 -22.07	44.61 2.42 -21.69	66.05 2.83 -37.47	60.69 2.86 -31.87	55.25 2.48 -30.84	53.49 2.23 -31.88	55.22 2.18 -34.60	57.29 2.26 -35.85	75.38 2.27 -53.91	91.55 2.17 -68.85	84.07 3.39 -50.72	104.81 3.33 -71.97	47.45 2.99 -18.23	46.53 2.71 -19.01	47.94 1.95 -28.38	28.89 2.52 -3.42
HOLTSVILLE_IC_5 23694	23.08 0.65 -16.54	20.99 0.57 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.79 1.55 -24.78	44.19 2.64 -19.15	43.95 2.31 -22.07	44.61 2.42 -21.69	66.05 2.83 -37.47	60.69 2.86 -31.87	55.25 2.48 -30.84	53.49 2.23 -31.88	55.22 2.18 -34.60	57.29 2.26 -35.85	75.38 2.27 -53.91	91.55 2.17 -68.85	84.07 3.39 -50.72	104.81 3.33 -71.97	47.45 2.99 -18.23	46.53 2.71 -19.01	47.94 1.95 -28.38	28.89 2.52 -3.42
HOLTSVILLE_IC_6 23695	23.11 0.68 -16.54	21.02 0.60 -15.14	19.84 0.53 -14.33	19.66 0.51 -14.40	20.23 0.53 -14.79	22.42 0.64 -16.08	40.23 1.66 -25.11	44.87 2.82 -19.65	44.72 2.47 -22.69	44.17 2.58 -21.09	63.98 3.04 -35.18	58.98 3.06 -29.95	53.85 2.65 -29.26	52.20 2.38 -30.44	53.79 2.32 -33.02	55.72 2.42 -34.13	72.56 2.42 -50.93	88.11 2.34 -65.25	81.30 3.65 -47.68	100.35 3.57 -67.28	46.64 3.20 -17.21	45.73 2.90 -18.00	46.90 2.09 -27.20	29.03 2.66 -3.42
HOLTSVILLE_IC_7 23696	23.11 0.68 -16.54	21.02 0.60 -15.14	19.84 0.53 -14.33	19.66 0.51 -14.40	20.23 0.53 -14.79	22.42 0.64 -16.08	40.23 1.66 -25.11	44.87 2.82 -19.65	44.72 2.47 -22.69	44.17 2.58 -21.09	63.98 3.04 -35.18	58.98 3.06 -29.95	53.85 2.65 -29.26	52.20 2.38 -30.44	53.79 2.32 -33.02	55.72 2.42 -34.13	72.56 2.42 -50.93	88.11 2.34 -65.25	81.30 3.65 -47.68	100.35 3.57 -67.28	46.64 3.20 -17.21	45.73 2.90 -18.00	46.90 2.09 -27.20	29.03 2.66 -3.42
HOLTSVILLE_IC_8 23697	23.11 0.68 -16.54	21.02 0.60 -15.14	19.84 0.53 -14.33	19.66 0.51 -14.40	20.23 0.53 -14.79	22.42 0.64 -16.08	40.23 1.66 -25.11	44.87 2.82 -19.65	44.72 2.47 -22.69	44.17 2.58 -21.09	63.98 3.04 -35.18	58.98 3.06 -29.95	53.85 2.65 -29.26	52.20 2.38 -30.44	53.79 2.32 -33.02	55.72 2.42 -34.13	72.56 2.42 -50.93	88.11 2.34 -65.25	81.30 3.65 -47.68	100.35 3.57 -67.28	46.64 3.20 -17.21	45.73 2.90 -18.00	46.90 2.09 -27.20	29.03 2.66 -3.42
HOLTSVILLE_IC_9 23698	23.11 0.68 -16.54	21.02 0.60 -15.14	19.84 0.53 -14.33	19.66 0.51 -14.40	20.23 0.53 -14.79	22.42 0.64 -16.08	40.23 1.66 -25.11	44.87 2.82 -19.65	44.72 2.47 -22.69	44.17 2.58 -21.09	63.98 3.04 -35.18	58.98 3.06 -29.95	53.85 2.65 -29.26	52.20 2.38 -30.44	53.79 2.32 -33.02	55.72 2.42 -34.13	72.56 2.42 -50.93	88.11 2.34 -65.25	81.30 3.65 -47.68	100.35 3.57 -67.28	46.64 3.20 -17.21	45.73 2.90 -18.00	46.90 2.09 -27.20	29.03 2.66 -3.42
HOMER_HL_115KV_TB2 355744	10.93 0.07 -4.96	10.04 0.02 -4.73	9.39 -0.07 -4.48	9.22 -0.03 -4.50	9.50 -0.03 -4.62	10.82 0.10 -5.03	18.13 0.04 -4.63	26.00 -0.34 -3.94	23.81 -0.22 -4.45	23.06 -0.47 -3.03	26.37 -0.85 -1.46	26.67 -0.65 -1.35	24.15 -0.33 -2.53	22.57 -0.29 -3.48	21.84 -0.24 -3.64	22.28 -0.25 -3.36	22.52 -0.19 -3.50	25.67 -0.25 -5.39	31.76 -0.42 -2.21	30.53 -0.44 -1.47	26.61 -0.47 -0.85	25.17 -0.37 -0.72	20.22 -0.26 -2.87	23.79 0.85 0.00
HOWARD_WT_PWR 323690	11.47 0.23 -5.35	10.56 0.17 -5.10	9.91 0.10 -4.83	9.72 0.12 -4.85	10.03 0.13 -4.98	11.39 0.27 -5.42	18.99 0.54 -4.99	27.32 0.67 -4.25	25.05 0.68 -4.80	24.32 0.55 -3.27	27.82 0.49 -1.58	28.07 0.65 -1.45	25.33 0.66 -2.73	23.72 0.58 -3.75	22.96 0.59 -3.92	23.45 0.65 -3.62	23.69 0.71 -3.77	27.04 0.74 -5.79	33.41 1.08 -2.37	32.08 1.00 -1.57	28.06 0.92 -0.91	26.47 0.87 -0.78	21.31 0.62 -3.08	24.18 1.24 0.00
HQ_GEN_CEDARS 23644	5.77 -0.12 0.00	5.20 -0.08 0.00	4.91 -0.06 0.00	4.67 -0.08 0.00	4.83 -0.08 0.00	5.57 -0.13 0.00	13.12 -0.35 0.00	21.77 -0.63 0.00	19.02 -0.55 0.00	19.98 -0.51 0.00	25.16 -0.59 0.00	25.29 -0.68 0.00	21.28 -0.66 0.00	18.82 -0.56 0.00	17.89 -0.55 0.00	18.60 -0.58 0.00	18.59 -0.61 0.00	19.91 -0.62 0.00	29.13 -0.84 0.00	28.71 -0.80 0.00	25.58 -0.66 0.00	24.30 -0.52 0.00	17.27 -0.33 0.00	22.46 -0.48 0.00
HQ_GEN_CEDARS_PROXY 323590	5.77 -0.12 0.00	5.20 -0.08 0.00	4.91 -0.06 0.00	4.67 -0.08 0.00	4.83 -0.08 0.00	5.57 -0.13 0.00	13.12 -0.35 0.00	23.28 -0.60 -1.49	17.56 -0.55 1.47	19.96 -0.51 0.02	25.16 -0.59 0.00	25.29 -0.68 0.00	21.28 -0.66 0.00	18.82 -0.56 0.00	17.89 -0.55 0.00	18.60 -0.57 0.00	18.59 -0.62 0.00	17.12 -0.62 2.78	31.91 -0.84 -2.78	29.19 -0.80 -0.48	25.10 -0.65 0.48	24.30 -0.52 0.00	17.27 -0.34 0.00	22.48 -0.46 0.00
HQ_GEN_IMPORT 323601	5.80 -0.10 0.00	5.21 -0.08 0.00	4.92 -0.06 0.00	4.69 -0.06 0.00	4.85 -0.06 0.00	5.60 -0.10 0.00	13.22 -0.24 0.00	23.46 -0.43 -1.49	17.73 -0.37 1.47	20.11 -0.37 0.02	25.32 -0.44 0.00	25.53 -0.44 0.00	21.55 -0.39 0.00	19.04 -0.35 0.00	18.12 -0.33 0.00	18.81 -0.36 0.00	18.84 -0.37 0.00	17.37 -0.37 2.78	32.24 -0.51 -2.78	29.48 -0.50 -0.48	25.31 -0.45 0.48	24.42 -0.40 0.00	17.33 -0.28 0.00	22.58 -0.37 0.00
HQ_GEN_WHEEL 23651	5.80 -0.10 0.00	5.21 -0.08 0.00	4.92 -0.06 0.00	4.69 -0.06 0.00	4.85 -0.06 0.00	5.60 -0.10 0.00	13.22 -0.24 0.00	23.46 -0.43 -1.49	17.73 -0.37 1.47	20.11 -0.37 0.02	25.32 -0.44 0.00	25.53 -0.44 0.00	21.55 -0.39 0.00	19.04 -0.35 0.00	18.12 -0.33 0.00	18.81 -0.36 0.00	18.84 -0.37 0.00	17.37 -0.37 2.78	32.24 -0.51 -2.78	29.48 -0.50 -0.48	25.31 -0.45 0.48	24.42 -0.40 0.00	17.33 -0.28 0.00	22.58 -0.37 0.00
HUDSON_AVE_GT_3 23810	22.15 0.38 -15.87	20.76 0.35 -15.13	19.61 0.31 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.10 0.34 -16.07	29.23 0.93 -14.83	36.77 1.77 -12.60	35.36 1.57 -14.23	31.84 1.58 -9.76	32.49 2.06 -4.68	32.39 2.10 -4.31	31.84 1.80 -8.10	32.14 1.63 -11.13	31.65 1.57 -11.63	31.52 1.61 -10.73	31.99 1.59 -11.19	39.42 1.66 -17.24	39.51 2.49 -7.06	36.62 2.42 -4.69	31.01 2.05 -2.73	28.91 1.76 -2.33	28.00 1.16 -9.23	24.50 1.49 -0.06

HUDSON AVE_GT_4 23540	22.15 0.38 -15.87	20.76 0.35 -15.13	19.61 0.31 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.10 0.34 -16.07	29.23 0.93 -14.83	36.77 1.77 -12.60	35.36 1.57 -14.23	31.84 1.58 -9.76	32.49 2.06 -4.68	32.39 2.10 -4.31	31.84 1.80 -8.10	32.14 1.63 -11.13	31.65 1.57 -11.63	31.52 1.61 -10.73	31.99 1.59 -11.19	39.42 1.66 -17.24	39.51 2.49 -7.06	36.62 2.42 -4.69	31.01 2.05 -2.73	28.91 1.76 -2.33	28.00 1.16 -9.23	24.50 1.49 -0.06
HUDSON AVE_GT_5 23657	22.15 0.38 -15.87	20.76 0.35 -15.13	19.61 0.31 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.10 0.34 -16.07	29.23 0.93 -14.83	36.77 1.77 -12.60	35.36 1.57 -14.23	31.84 1.58 -9.76	32.49 2.06 -4.68	32.39 2.10 -4.31	31.84 1.80 -8.10	32.14 1.63 -11.13	31.65 1.57 -11.63	31.52 1.61 -10.73	31.99 1.59 -11.19	39.42 1.66 -17.24	39.51 2.49 -7.06	36.62 2.42 -4.69	31.01 2.05 -2.73	28.91 1.76 -2.33	28.00 1.16 -9.23	24.50 1.49 -0.06
HUDSON_AVE_10 24168	22.13 0.36 -15.87	20.75 0.34 -15.13	19.60 0.30 -14.33	19.42 0.28 -14.39	19.97 0.28 -14.78	22.09 0.32 -16.07	29.13 0.86 -14.80	36.75 1.75 -12.60	35.34 1.55 -14.23	31.73 1.48 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.73	31.93 1.54 -11.19	39.38 1.62 -17.24	39.45 2.43 -7.06	36.56 2.36 -4.69	30.91 1.94 -2.73	28.84 1.69 -2.33	27.95 1.11 -9.23	24.43 1.42 -0.06
HUDSON___115KV_TB 4 355613	24.82 0.21 -18.72	23.31 0.17 -17.85	22.05 0.16 -16.91	21.88 0.15 -16.98	22.53 0.17 -17.45	24.88 0.22 -18.97	31.48 0.55 -17.46	38.23 0.96 -14.87	37.20 0.84 -16.79	32.80 0.86 -11.45	32.33 1.06 -5.52	32.10 1.04 -5.09	32.38 0.88 -9.56	33.26 0.74 -13.14	32.91 0.74 -13.72	32.65 0.81 -12.66	33.26 0.85 -13.20	41.82 0.96 -20.34	39.67 1.38 -8.33	36.37 1.33 -5.53	30.57 1.13 -3.21	28.60 1.04 -2.73	29.03 0.58 -10.84	23.86 0.92 0.00
HUNTER MOUNT___DRP 323613	24.29 0.19 -18.20	22.81 0.16 -17.36	21.56 0.14 -16.45	21.40 0.14 -16.51	22.04 0.16 -16.96	24.34 0.21 -18.44	30.99 0.55 -16.97	37.82 0.96 -14.46	36.74 0.84 -16.32	32.47 0.84 -11.13	32.15 1.03 -5.37	31.93 1.01 -4.95	32.09 0.86 -9.30	32.85 0.70 -12.77	32.49 0.70 -13.34	32.26 0.77 -12.31	32.87 0.83 -12.83	41.27 0.99 -19.77	39.44 1.38 -8.10	36.21 1.33 -5.38	30.45 1.10 -3.12	28.50 1.02 -2.66	28.69 0.55 -10.54	23.95 1.01 0.00
HUNTINGTON_RES_REC 323705	23.01 0.58 -16.54	20.94 0.51 -15.14	19.76 0.45 -14.33	19.59 0.44 -14.40	20.15 0.45 -14.79	22.32 0.54 -16.08	32.59 1.52 -17.60	32.72 2.60 -7.72	30.74 2.27 -8.90	34.36 2.38 -11.49	27.92 2.70 0.54	28.63 2.73 0.07	28.77 2.35 -4.48	29.30 2.09 -7.82	28.71 2.07 -8.20	28.42 2.15 -7.09	25.83 2.15 -4.47	31.65 2.09 -9.03	33.39 3.30 -0.13	26.75 3.22 5.98	30.26 2.86 -1.16	29.65 2.63 -2.20	28.08 1.85 -8.62	28.53 2.36 -3.22
HUNTLEY___63 23557	10.61 0.18 -4.53	9.75 0.14 -4.32	9.10 0.03 -4.10	8.92 0.06 -4.11	9.21 0.07 -4.22	10.49 0.20 -4.59	17.92 0.23 -4.23	25.84 -0.16 -3.60	23.56 -0.08 -4.07	23.06 -0.20 -2.77	26.55 -0.54 -1.34	26.87 -0.34 -1.23	24.26 0.00 -2.32	22.56 0.00 -3.18	21.81 0.04 -3.32	22.28 0.04 -3.07	22.42 0.02 -3.20	25.35 -0.10 -4.93	31.62 -0.36 -2.02	30.43 -0.41 -1.34	26.77 -0.24 -0.78	25.33 -0.15 -0.66	20.24 0.00 -2.63	23.22 0.28 0.00
HUNTLEY___64 23558	10.61 0.18 -4.53	9.75 0.14 -4.32	9.10 0.03 -4.10	8.92 0.06 -4.11	9.21 0.07 -4.22	10.49 0.20 -4.59	17.92 0.23 -4.23	25.84 -0.16 -3.60	23.56 -0.08 -4.07	23.06 -0.20 -2.77	26.55 -0.54 -1.34	26.87 -0.34 -1.23	24.26 0.00 -2.32	22.56 0.00 -3.18	21.81 0.04 -3.32	22.28 0.04 -3.07	22.42 0.02 -3.20	25.35 -0.10 -4.93	31.62 -0.36 -2.02	30.43 -0.41 -1.34	26.77 -0.24 -0.78	25.33 -0.15 -0.66	20.24 0.00 -2.63	23.22 0.28 0.00
HUNTLEY___65 23559	10.61 0.18 -4.53	9.75 0.14 -4.32	9.10 0.03 -4.10	8.92 0.06 -4.11	9.21 0.07 -4.22	10.49 0.20 -4.59	17.92 0.23 -4.23	25.84 -0.16 -3.60	23.56 -0.08 -4.07	23.06 -0.20 -2.77	26.55 -0.54 -1.34	26.87 -0.34 -1.23	24.26 0.00 -2.32	22.56 0.00 -3.18	21.81 0.04 -3.32	22.28 0.04 -3.07	22.42 0.02 -3.20	25.35 -0.10 -4.93	31.62 -0.36 -2.02	30.43 -0.41 -1.34	26.77 -0.24 -0.78	25.33 -0.15 -0.66	20.24 0.00 -2.63	23.22 0.28 0.00
HUNTLEY___66 23560	10.61 0.18 -4.53	9.75 0.14 -4.32	9.10 0.03 -4.10	8.92 0.06 -4.11	9.21 0.07 -4.22	10.49 0.20 -4.59	17.92 0.23 -4.23	25.84 -0.16 -3.60	23.56 -0.08 -4.07	23.06 -0.20 -2.77	26.55 -0.54 -1.34	26.87 -0.34 -1.23	24.26 0.00 -2.32	22.56 0.00 -3.18	21.81 0.04 -3.32	22.28 0.04 -3.07	22.42 0.02 -3.20	25.35 -0.10 -4.93	31.62 -0.36 -2.02	30.43 -0.41 -1.34	26.77 -0.24 -0.78	25.33 -0.15 -0.66	20.24 0.00 -2.63	23.22 0.28 0.00
HUNTLEY___67 23561	10.64 0.15 -4.59	9.78 0.11 -4.38	9.13 0.00 -4.15	8.96 0.04 -4.17	9.24 0.04 -4.28	10.52 0.17 -4.66	17.94 0.19 -4.29	25.83 -0.22 -3.65	23.54 -0.16 -4.12	23.00 -0.31 -2.81	26.47 -0.64 -1.35	26.75 -0.47 -1.25	24.18 -0.11 -2.35	22.51 -0.10 -3.22	21.76 -0.06 -3.37	22.23 -0.06 -3.11	22.39 -0.06 -3.24	25.33 -0.18 -4.99	31.50 -0.51 -2.05	30.33 -0.53 -1.36	26.68 -0.34 -0.79	25.24 -0.25 -0.67	20.20 -0.07 -2.66	23.17 0.23 0.00
HUNTLEY___68 23562	10.64 0.15 -4.59	9.78 0.11 -4.38	9.13 0.00 -4.15	8.96 0.04 -4.17	9.24 0.04 -4.28	10.52 0.17 -4.66	17.94 0.19 -4.29	25.83 -0.22 -3.65	23.54 -0.16 -4.12	23.00 -0.31 -2.81	26.47 -0.64 -1.35	26.75 -0.47 -1.25	24.18 -0.11 -2.35	22.51 -0.10 -3.22	21.76 -0.06 -3.37	22.23 -0.06 -3.11	22.39 -0.06 -3.24	25.33 -0.18 -4.99	31.50 -0.51 -2.05	30.33 -0.53 -1.36	26.68 -0.34 -0.79	25.24 -0.25 -0.67	20.20 -0.07 -2.66	23.17 0.23 0.00
HYLAND___LFGE 323620	11.06 0.40 -4.76	10.16 0.33 -4.54	9.52 0.25 -4.30	9.31 0.25 -4.32	9.62 0.27 -4.43	10.95 0.43 -4.82	18.94 1.04 -4.44	27.72 1.54 -3.78	25.19 1.35 -4.27	24.51 1.11 -2.91	28.16 1.00 -1.40	28.33 1.07 -1.29	25.38 1.01 -2.43	23.63 0.91 -3.34	22.86 0.92 -3.49	23.45 1.05 -3.22	23.74 1.17 -3.36	27.04 1.38 -5.15	34.32 2.25 -2.11	33.09 2.18 -1.40	28.96 1.91 -0.81	27.25 1.74 -0.69	21.57 1.21 -2.74	24.41 1.47 0.00
INDECK___CORINTH 23802	25.85 0.26 -19.70	24.29 0.22 -18.79	22.97 0.20 -17.80	22.81 0.19 -17.87	23.48 0.21 -18.36	25.92 0.26 -19.96	32.58 0.74 -18.37	39.39 1.34 -15.65	38.46 1.21 -17.67	33.86 1.31 -12.05	33.11 1.55 -5.81	32.91 1.58 -5.36	33.32 1.32 -10.06	34.27 1.07 -13.82	33.90 1.01 -14.44	33.60 1.09 -13.33	34.20 1.09 -13.89	43.17 1.25 -21.40	40.59 1.86 -8.76	37.13 1.80 -5.82	31.15 1.55 -3.37	29.06 1.36 -2.88	29.84 0.83 -11.41	23.93 0.99 0.00
INDECK___ILION 23567	6.34 0.04 -0.41	5.70 0.02 -0.39	5.36 0.02 -0.37	5.14 0.02 -0.37	5.31 0.02 -0.38	6.13 0.02 -0.41	13.89 0.04 -0.38	22.81 0.09 -0.32	20.02 0.08 -0.36	20.83 0.08 -0.25	26.00 0.13 -0.12	26.21 0.13 -0.11	22.28 0.13 -0.21	19.77 0.10 -0.29	18.82 0.07 -0.30	19.53 0.08 -0.28	19.59 0.10 -0.29	21.11 0.14 -0.44	30.33 0.18 -0.18	29.80 0.18 -0.12	26.46 0.16 -0.07	25.05 0.17 -0.06	17.99 0.14 -0.24	23.17 0.23 0.00

INDECK___OLEAN 23982	10.93 0.07 -4.96	10.04 0.02 -4.73	9.39 -0.07 -4.48	9.22 -0.03 -4.50	9.50 -0.03 -4.62	10.82 0.10 -5.03	18.13 0.04 -4.63	25.98 -0.36 -3.94	23.85 -0.18 -4.45	23.06 -0.47 -3.03	26.37 -0.85 -1.46	26.67 -0.65 -1.35	24.15 -0.33 -2.53	22.58 -0.29 -3.48	21.84 -0.24 -3.64	22.28 -0.25 -3.36	22.52 -0.19 -3.50	25.64 -0.25 -5.37	31.74 -0.42 -2.20	30.53 -0.44 -1.46	26.61 -0.47 -0.85	25.17 -0.37 -0.72	20.21 -0.26 -2.86	23.86 0.92 0.00
INDECK___OSWEGO 23783	9.35 0.21 -3.24	8.55 0.17 -3.09	8.04 0.14 -2.93	7.83 0.14 -2.94	8.09 0.15 -3.02	9.21 0.23 -3.28	17.00 0.51 -3.02	25.89 0.92 -2.57	23.24 0.76 -2.91	23.28 0.80 -1.98	27.66 0.95 -0.96	27.81 0.96 -0.88	24.36 0.77 -1.66	22.32 0.66 -2.27	21.43 0.61 -2.38	21.96 0.60 -2.19	22.09 0.60 -2.28	23.20 -0.33 -3.01	30.72 -0.48 -1.23	29.85 -0.47 -0.82	26.29 -0.42 -0.47	24.85 -0.37 -0.40	19.02 -0.19 -1.60	22.67 -0.27 0.00
INDECK___YERKES 23781	10.62 0.19 -4.53	9.75 0.14 -4.32	9.10 0.03 -4.10	8.92 0.06 -4.11	9.21 0.07 -4.22	10.49 0.20 -4.59	17.94 0.24 -4.23	25.78 -0.22 -3.60	23.60 -0.04 -4.07	23.08 -0.18 -2.77	26.58 -0.51 -1.34	26.89 -0.31 -1.23	24.28 0.02 -2.32	22.58 0.02 -3.18	21.83 0.06 -3.32	22.28 0.04 -3.07	22.44 0.04 -3.20	25.32 -0.10 -4.90	31.62 -0.36 -2.01	30.43 -0.41 -1.33	26.77 -0.24 -0.77	25.36 -0.12 -0.66	20.24 0.02 -2.61	23.31 0.37 0.00
INDIAN POINT_GT_1 24139	21.84 0.36 -15.59	20.47 0.32 -14.87	19.34 0.28 -14.08	19.16 0.27 -14.14	19.71 0.27 -14.53	21.82 0.32 -15.79	28.86 0.86 -14.54	36.35 1.57 -12.38	34.94 1.39 -13.98	31.46 1.43 -9.53	32.18 1.83 -4.60	32.05 1.84 -4.24	31.48 1.58 -7.96	31.74 1.42 -10.94	31.28 1.40 -11.43	31.16 1.44 -10.54	31.62 1.42 -10.99	38.96 1.50 -16.94	39.12 2.22 -6.94	36.30 2.18 -4.61	30.77 1.86 -2.67	28.74 1.64 -2.28	27.70 1.06 -9.03	24.32 1.38 0.00
INDIAN POINT_GT_2 23659	21.84 0.36 -15.59	20.47 0.32 -14.87	19.34 0.28 -14.08	19.16 0.27 -14.14	19.71 0.27 -14.53	21.82 0.32 -15.79	28.86 0.86 -14.54	36.35 1.57 -12.38	34.94 1.39 -13.98	31.46 1.43 -9.53	32.18 1.83 -4.60	32.05 1.84 -4.24	31.48 1.58 -7.96	31.74 1.42 -10.94	31.28 1.40 -11.43	31.16 1.44 -10.54	31.62 1.42 -10.99	38.96 1.50 -16.94	39.12 2.22 -6.94	36.30 2.18 -4.61	30.77 1.86 -2.67	28.74 1.64 -2.28	27.70 1.06 -9.03	24.32 1.38 0.00
INDIAN POINT_GT_3 24019	21.84 0.36 -15.59	20.47 0.32 -14.87	19.34 0.28 -14.08	19.16 0.27 -14.14	19.71 0.27 -14.53	21.82 0.32 -15.79	28.86 0.86 -14.54	36.35 1.57 -12.38	34.94 1.39 -13.98	31.46 1.43 -9.53	32.18 1.83 -4.60	32.05 1.84 -4.24	31.48 1.58 -7.96	31.74 1.42 -10.94	31.28 1.40 -11.43	31.16 1.44 -10.54	31.62 1.42 -10.99	38.96 1.50 -16.94	39.12 2.22 -6.94	36.30 2.18 -4.61	30.77 1.86 -2.67	28.74 1.64 -2.28	27.70 1.06 -9.03	24.32 1.38 0.00
INDIAN POINT___2 23530	21.33 0.35 -15.08	19.98 0.31 -14.38	18.87 0.27 -13.62	18.69 0.26 -13.68	19.23 0.27 -14.05	21.29 0.32 -15.28	28.38 0.85 -14.06	35.99 1.61 -11.98	34.49 1.39 -13.52	31.11 1.39 -9.22	31.98 1.78 -4.45	31.86 1.79 -4.10	31.18 1.54 -7.70	31.34 1.38 -10.58	30.87 1.37 -11.06	30.78 1.40 -10.20	31.23 1.38 -10.63	38.36 1.46 -16.38	38.86 2.19 -6.71	36.12 2.15 -4.46	30.63 1.81 -2.58	28.64 1.61 -2.20	27.36 1.02 -8.73	24.32 1.38 0.00
INDIAN POINT___3 23531	22.23 0.36 -15.97	20.84 0.32 -15.23	19.69 0.28 -14.43	19.51 0.27 -14.49	20.07 0.27 -14.89	22.21 0.32 -16.18	29.24 0.88 -14.90	36.68 1.59 -12.69	35.31 1.41 -14.33	31.72 1.46 -9.77	32.32 1.85 -4.71	32.18 1.87 -4.34	31.70 1.60 -8.16	32.03 1.43 -11.21	31.58 1.42 -11.71	31.44 1.46 -10.81	31.91 1.44 -11.26	39.38 1.50 -17.36	39.29 2.22 -7.11	36.41 2.18 -4.72	30.86 1.89 -2.74	28.82 1.66 -2.33	27.94 1.07 -9.25	24.37 1.42 0.00
INGHAM_C_115KV_TB7 356103	6.37 0.06 -0.41	5.72 0.05 -0.39	5.38 0.04 -0.37	5.16 0.04 -0.37	5.33 0.03 -0.38	6.14 0.03 -0.41	13.90 0.05 -0.38	22.81 0.09 -0.32	20.02 0.08 -0.36	20.85 0.10 -0.25	26.03 0.15 -0.12	26.24 0.16 -0.11	22.32 0.18 -0.21	19.79 0.12 -0.29	18.82 0.07 -0.30	19.55 0.10 -0.28	19.59 0.10 -0.29	21.13 0.16 -0.44	30.30 0.15 -0.18	29.78 0.15 -0.12	26.41 0.10 -0.07	25.08 0.20 -0.06	18.02 0.18 -0.24	23.31 0.37 0.00
IP CORINTH___1 23988	25.86 0.26 -19.70	24.29 0.22 -18.79	22.97 0.20 -17.80	22.81 0.19 -17.87	23.48 0.21 -18.36	25.92 0.26 -19.96	32.58 0.74 -18.37	39.35 1.30 -15.65	38.46 1.21 -17.67	33.85 1.31 -12.05	33.11 1.55 -5.81	32.89 1.56 -5.36	33.32 1.32 -10.06	34.27 1.07 -13.82	33.90 1.01 -14.44	33.60 1.09 -13.33	34.20 1.09 -13.89	43.18 1.25 -21.40	40.59 1.86 -8.77	37.13 1.80 -5.82	31.16 1.55 -3.37	29.06 1.37 -2.88	29.85 0.83 -11.41	24.02 1.08 0.00
IP___TICONDEROGA 23804	26.06 0.48 -19.69	24.47 0.40 -18.78	23.13 0.36 -17.79	22.96 0.35 -17.86	23.64 0.38 -18.35	26.13 0.48 -19.95	33.13 1.31 -18.36	40.30 2.26 -15.64	39.35 2.11 -17.66	34.85 2.32 -12.04	34.29 2.73 -5.80	34.08 2.75 -5.36	34.02 2.02 -10.06	34.81 1.61 -13.82	34.39 1.51 -14.44	34.13 1.63 -13.32	34.75 1.65 -13.88	43.80 1.89 -21.39	41.54 2.82 -8.76	38.39 3.07 -5.82	32.26 2.65 -3.37	30.00 2.31 -2.88	30.46 1.44 -11.40	24.82 1.88 0.00
ISLIP_RES_REC 323679	23.14 0.70 -16.54	21.04 0.62 -15.14	19.85 0.55 -14.33	19.68 0.53 -14.40	20.25 0.55 -14.79	22.44 0.67 -16.08	39.90 1.72 -24.71	44.38 2.96 -19.02	44.12 2.60 -21.95	43.62 2.73 -20.40	61.57 3.19 -32.62	57.01 3.25 -27.80	52.21 2.79 -27.48	50.70 2.50 -28.82	52.14 2.45 -31.24	53.92 2.55 -32.19	69.37 2.56 -47.60	84.20 2.46 -61.22	78.07 3.84 -44.27	95.28 3.75 -62.02	45.65 3.36 -16.06	44.74 3.05 -16.87	45.66 2.18 -25.86	29.13 2.78 -3.41
JAMAICA__27_KV_LOAD 355505	22.16 0.39 -15.87	20.77 0.36 -15.13	19.62 0.31 -14.33	19.43 0.29 -14.39	19.99 0.29 -14.78	22.13 0.36 -16.07	29.12 0.85 -14.80	36.97 1.97 -12.60	35.52 1.72 -14.23	31.71 1.46 -9.76	32.57 2.14 -4.68	32.44 2.16 -4.31	31.93 1.89 -8.10	32.22 1.71 -11.13	31.65 1.57 -11.63	31.52 1.61 -10.73	32.01 1.61 -11.19	39.56 1.81 -17.24	39.69 2.67 -7.06	36.79 2.60 -4.69	30.96 1.99 -2.73	28.86 1.71 -2.33	28.02 1.18 -9.23	24.48 1.47 -0.06
JANIS___SOLAR 323808	12.69 0.34 -6.46	11.73 0.29 -6.16	11.05 0.24 -5.83	10.85 0.24 -5.86	11.19 0.26 -6.02	12.59 0.35 -6.54	20.35 0.86 -6.02	29.03 1.50 -5.13	26.62 1.25 -5.79	25.65 1.21 -3.95	29.02 1.36 -1.90	29.05 1.32 -1.76	26.38 1.14 -3.30	24.88 0.97 -4.53	24.16 0.98 -4.73	24.60 1.05 -4.37	24.89 1.13 -4.55	28.77 1.27 -6.98	34.74 1.92 -2.86	33.32 1.92 -1.90	28.99 1.65 -1.10	27.27 1.51 -0.94	22.37 1.04 -3.72	24.37 1.42 0.00
JARVIS____ 23743	6.30 -0.01 -0.41	5.67 -0.01 -0.39	5.34 0.00 -0.37	5.11 0.00 -0.37	5.29 0.00 -0.38	6.10 -0.01 -0.41	13.85 0.00 -0.38	22.72 0.00 -0.32	19.94 0.00 -0.36	20.76 0.02 -0.25	25.90 0.03 -0.12	26.11 0.03 -0.11	22.17 0.02 -0.21	19.69 0.02 -0.29	18.76 0.02 -0.30	19.47 0.02 -0.28	19.53 0.04 -0.29	21.01 0.06 -0.43	30.23 0.09 -0.17	29.71 0.09 -0.12	26.38 0.08 -0.07	24.95 0.07 -0.06	17.89 0.05 -0.23	23.01 0.07 0.00

JENNISON___1 23625	14.13 0.37 -7.87	13.09 0.30 -7.50	12.35 0.26 -7.11	12.16 0.27 -7.14	12.53 0.28 -7.33	14.03 0.36 -7.97	21.71 0.90 -7.34	30.20 1.55 -6.25	27.98 1.35 -7.06	26.68 1.37 -4.81	29.67 1.60 -2.32	29.69 1.58 -2.14	27.34 1.38 -4.02	26.07 1.16 -5.52	25.36 1.14 -5.77	25.71 1.21 -5.32	25.97 1.21 -5.55	30.45 1.37 -8.55	35.51 2.04 -3.50	33.90 2.07 -2.33	29.37 1.78 -1.35	27.63 1.66 -1.15	23.28 1.11 -4.56	24.48 1.54 0.00
JENNISON___2 23626	14.13 0.37 -7.87	13.09 0.30 -7.50	12.35 0.26 -7.11	12.16 0.27 -7.14	12.53 0.28 -7.33	14.03 0.36 -7.97	21.71 0.90 -7.34	30.20 1.55 -6.25	27.98 1.35 -7.06	26.68 1.37 -4.81	29.67 1.60 -2.32	29.69 1.58 -2.14	27.34 1.38 -4.02	26.07 1.16 -5.52	25.36 1.14 -5.77	25.71 1.21 -5.32	25.97 1.21 -5.55	30.45 1.37 -8.55	35.51 2.04 -3.50	33.90 2.07 -2.33	29.37 1.78 -1.35	27.63 1.66 -1.15	23.28 1.11 -4.56	24.48 1.54 0.00
JERICHO_RISE_WT_PWR 323719	5.70 -0.19 0.00	5.13 -0.16 0.00	4.83 -0.14 0.00	4.58 -0.17 0.00	4.74 -0.17 0.00	5.49 -0.21 0.00	12.97 -0.50 0.00	21.53 -0.87 0.00	18.77 -0.80 0.00	19.74 -0.76 0.00	25.09 -0.67 0.00	25.24 -0.73 0.00	21.22 -0.72 0.00	18.71 -0.68 0.00	17.80 -0.65 0.00	18.56 -0.61 0.00	18.61 -0.60 0.00	20.03 -0.49 0.00	29.31 -0.66 0.00	28.80 -0.71 0.00	25.66 -0.58 0.00	24.22 -0.60 0.00	17.27 -0.34 0.00	22.44 -0.50 0.00
KATONAH___115KV_46KV_TB4 355592	22.33 0.41 -16.03	20.93 0.36 -15.29	19.77 0.31 -14.48	19.59 0.30 -14.54	20.15 0.30 -14.94	22.29 0.35 -16.24	29.37 0.96 -14.95	36.93 1.79 -12.73	35.52 1.57 -14.38	32.00 1.70 -9.80	32.62 2.14 -4.73	32.51 2.18 -4.36	31.93 1.80 -8.19	32.26 1.63 -11.25	31.82 1.62 -11.75	31.69 1.67 -10.84	32.17 1.65 -11.30	39.65 1.70 -17.42	39.59 2.49 -7.14	36.73 2.48 -4.74	31.13 2.15 -2.75	29.05 1.89 -2.34	28.11 1.22 -9.29	24.50 1.56 0.00
KCE_NY_1 323755	25.86 0.29 -19.67	24.31 0.26 -18.76	22.99 0.23 -17.78	22.82 0.22 -17.85	23.49 0.24 -18.33	25.92 0.29 -19.93	32.59 0.78 -18.35	39.37 1.34 -15.63	38.41 1.19 -17.65	33.80 1.27 -12.03	33.07 1.52 -5.80	32.88 1.56 -5.35	33.33 1.34 -10.05	34.29 1.10 -13.81	33.94 1.07 -14.42	33.62 1.13 -13.31	34.24 1.15 -13.87	43.16 1.27 -21.37	40.61 1.89 -8.75	37.12 1.80 -5.81	31.18 1.57 -3.37	29.11 1.41 -2.87	29.90 0.90 -11.39	24.07 1.12 0.00
KCE_NY_6_ESR 323823	10.75 0.18 -4.68	9.88 0.13 -4.46	9.23 0.02 -4.23	9.05 0.05 -4.25	9.34 0.06 -4.36	10.64 0.20 -4.74	18.09 0.26 -4.36	25.96 -0.16 -3.72	23.79 0.02 -4.20	23.19 -0.16 -2.86	26.67 -0.46 -1.38	26.98 -0.26 -1.27	24.40 0.07 -2.39	22.73 0.06 -3.28	21.97 0.09 -3.43	22.44 0.10 -3.17	22.63 0.12 -3.30	25.58 0.00 -5.06	31.86 -0.18 -2.07	30.65 -0.24 -1.38	26.93 -0.10 -0.80	25.48 -0.02 -0.68	20.38 0.07 -2.70	23.56 0.62 0.00
KEDC_PORT_JEFF_GT2 24210	23.09 0.66 -16.54	21.00 0.58 -15.14	19.82 0.52 -14.33	19.65 0.50 -14.40	20.22 0.51 -14.79	22.40 0.62 -16.08	40.72 1.60 -25.66	45.58 2.69 -20.50	45.61 2.35 -23.69	44.69 2.46 -21.73	66.13 2.78 -37.59	60.75 2.81 -31.97	55.30 2.44 -30.93	53.53 2.19 -31.96	55.27 2.14 -34.69	57.35 2.22 -35.95	75.50 2.23 -54.06	91.69 2.13 -69.04	84.20 3.36 -50.88	104.99 3.27 -72.21	47.46 2.94 -18.29	46.64 2.75 -19.07	48.01 1.95 -28.45	28.93 2.55 -3.44
KEDC_PORT_JEFF_GT3 24211	23.09 0.66 -16.54	21.00 0.58 -15.14	19.82 0.52 -14.33	19.65 0.50 -14.40	20.22 0.51 -14.79	22.40 0.62 -16.08	40.72 1.60 -25.66	45.58 2.69 -20.50	45.61 2.35 -23.69	44.69 2.46 -21.73	66.13 2.78 -37.59	60.75 2.81 -31.97	55.30 2.44 -30.93	53.53 2.19 -31.96	55.27 2.14 -34.69	57.35 2.22 -35.95	75.50 2.23 -54.06	91.69 2.13 -69.04	84.20 3.36 -50.88	104.99 3.27 -72.21	47.46 2.94 -18.29	46.64 2.75 -19.07	48.01 1.95 -28.45	28.93 2.55 -3.44
KEDC_GLWD_GT4 24219	22.90 0.47 -16.54	20.84 0.42 -15.14	19.68 0.37 -14.33	19.50 0.36 -14.40	20.06 0.36 -14.79	22.21 0.43 -16.08	35.16 1.14 -20.55	37.11 2.10 -12.61	35.70 1.80 -14.32	35.30 1.88 -12.92	32.81 2.37 -4.68	32.68 2.39 -4.32	32.11 2.06 -8.11	32.37 1.84 -11.14	32.09 1.81 -11.84	32.09 1.86 -11.05	32.28 1.83 -11.25	39.62 1.87 -17.23	39.88 2.85 -7.07	37.01 2.80 -4.70	32.17 2.41 -3.53	31.51 2.16 -4.53	30.37 1.41 -11.35	28.09 1.86 -3.28
KEDC_GLWD_GT5 24220	22.90 0.47 -16.54	20.84 0.42 -15.14	19.68 0.37 -14.33	19.50 0.36 -14.40	20.06 0.36 -14.79	22.21 0.43 -16.08	35.16 1.14 -20.55	37.11 2.10 -12.61	35.70 1.80 -14.32	35.30 1.88 -12.92	32.81 2.37 -4.68	32.68 2.39 -4.32	32.11 2.06 -8.11	32.37 1.84 -11.14	32.09 1.81 -11.84	32.09 1.86 -11.05	32.28 1.83 -11.25	39.62 1.87 -17.23	39.88 2.85 -7.07	37.01 2.80 -4.70	32.17 2.41 -3.53	31.51 2.16 -4.53	30.37 1.41 -11.35	28.09 1.86 -3.28
KENSICO____ 23655	22.10 0.37 -15.84	20.72 0.33 -15.10	19.57 0.29 -14.31	19.39 0.28 -14.37	19.95 0.28 -14.76	22.08 0.34 -16.05	29.14 0.90 -14.77	36.62 1.64 -12.58	35.25 1.47 -14.21	31.70 1.52 -9.68	32.36 1.93 -4.67	32.23 1.95 -4.31	31.70 1.67 -8.09	31.99 1.49 -11.11	31.53 1.48 -11.61	31.41 1.52 -10.71	31.88 1.50 -11.17	39.29 1.56 -17.21	39.32 2.31 -7.05	36.46 2.27 -4.68	30.89 1.94 -2.71	28.85 1.71 -2.31	27.89 1.11 -9.18	24.41 1.47 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.86 0.40 -14.56	19.52 0.35 -13.89	18.44 0.31 -13.16	18.25 0.29 -13.21	18.78 0.30 -13.57	20.80 0.35 -14.75	27.89 0.85 -13.58	35.51 1.55 -11.57	34.00 1.37 -13.06	30.77 1.37 -8.90	31.82 1.78 -4.29	31.70 1.77 -3.96	30.87 1.49 -7.44	30.94 1.34 -10.22	30.45 1.33 -10.67	30.43 1.40 -9.85	30.88 1.40 -10.27	37.85 1.52 -15.81	38.66 2.22 -6.48	36.05 2.24 -4.30	30.59 1.86 -2.49	28.63 1.69 -2.13	27.11 1.07 -8.43	24.41 1.47 0.00
KIAC_JFK_GT1 23816	22.14 0.37 -15.87	20.76 0.35 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.11 0.35 -16.07	29.09 0.82 -14.80	36.93 1.93 -12.60	35.46 1.66 -14.23	31.67 1.41 -9.76	32.49 2.06 -4.68	32.39 2.10 -4.31	31.89 1.84 -8.10	32.18 1.67 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.50 1.74 -17.24	39.60 2.58 -7.06	36.70 2.51 -4.69	30.88 1.92 -2.73	28.81 1.66 -2.33	27.98 1.14 -9.23	24.43 1.42 -0.06
KIAC_JFK_GT2 23817	22.14 0.37 -15.87	20.76 0.35 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.11 0.35 -16.07	29.09 0.82 -14.80	36.93 1.93 -12.60	35.46 1.66 -14.23	31.67 1.41 -9.76	32.49 2.06 -4.68	32.39 2.10 -4.31	31.89 1.84 -8.10	32.18 1.67 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.95 1.56 -11.19	39.50 1.74 -17.24	39.60 2.58 -7.06	36.70 2.51 -4.69	30.88 1.92 -2.73	28.81 1.66 -2.33	27.98 1.14 -9.23	24.43 1.42 -0.06
KIAC_JFK____ 323774	22.14 0.37 -15.87	20.76 0.35 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.97 0.28 -14.78	22.11 0.35 -16.07	29.09 0.82 -14.80	36.57 1.57 -12.60	35.46 1.66 -14.23	31.67 1.41 -9.76	32.49 2.06 -4.68	32.36 2.08 -4.31	31.89 1.84 -8.10	32.18 1.67 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.73	31.99 1.59 -11.19	39.49 1.74 -17.23	39.63 2.61 -7.06	36.67 2.48 -4.69	30.86 1.89 -2.73	28.76 1.61 -2.33	27.91 1.07 -9.23	24.41 1.40 -0.06

KINTIGH____ 23543	10.37 0.17 -4.30	9.52 0.13 -4.10	8.90 0.03 -3.89	8.71 0.06 -3.90	9.00 0.07 -4.01	10.24 0.18 -4.36	17.73 0.26 -4.01	25.75 -0.07 -3.42	23.41 -0.02 -3.86	22.98 -0.14 -2.63	26.61 -0.41 -1.27	26.85 -0.29 -1.17	24.14 0.00 -2.20	22.42 0.02 -3.02	21.64 0.04 -3.15	22.15 0.06 -2.91	22.26 0.02 -3.03	25.11 -0.08 -4.68	31.55 -0.33 -1.92	30.40 -0.38 -1.27	26.76 -0.21 -0.74	25.30 -0.15 -0.63	20.12 0.02 -2.49	22.94 0.00 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	5.78 -0.12 0.00	5.20 -0.08 0.00	4.89 -0.08 0.00	4.63 -0.11 0.00	4.80 -0.12 0.00	5.56 -0.14 0.00	13.12 -0.35 0.00	21.77 -0.63 0.00	18.99 -0.59 0.00	19.98 -0.51 0.00	25.39 -0.36 0.00	25.55 -0.42 0.00	21.48 -0.46 0.00	18.94 -0.45 0.00	18.04 -0.41 0.00	18.79 -0.38 0.00	18.86 -0.35 0.00	20.30 -0.23 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.85 -0.09 0.00
LACHUTE__HYDRO 323717	26.06 0.48 -19.69	24.47 0.40 -18.78	23.13 0.36 -17.79	22.96 0.35 -17.86	23.64 0.38 -18.35	26.13 0.48 -19.95	33.13 1.31 -18.36	40.37 2.33 -15.64	39.35 2.11 -17.66	34.85 2.32 -12.04	34.29 2.73 -5.80	34.08 2.75 -5.36	34.02 2.02 -10.06	34.81 1.61 -13.82	34.40 1.51 -14.44	34.13 1.63 -13.32	34.75 1.65 -13.88	43.79 1.89 -21.38	41.54 2.82 -8.76	38.39 3.07 -5.82	32.25 2.65 -3.37	30.00 2.31 -2.87	30.45 1.44 -11.40	24.76 1.81 0.00
LAWRNCV_115KV_TB1 80681	6.22 -0.15 -0.47	5.63 -0.11 -0.45	5.31 -0.09 -0.43	5.08 -0.10 -0.43	5.25 -0.11 -0.44	6.03 -0.15 -0.48	13.52 -0.39 -0.44	22.10 -0.67 -0.37	19.39 -0.61 -0.42	20.23 -0.55 -0.29	25.25 -0.64 -0.14	25.27 -0.83 -0.13	21.26 -0.92 -0.24	18.90 -0.81 -0.33	18.02 -0.77 -0.35	18.67 -0.82 -0.32	18.64 -0.90 -0.33	20.13 -0.90 -0.51	28.95 -1.23 -0.21	28.50 -1.15 -0.14	25.40 -0.92 -0.08	24.22 -0.67 -0.07	17.51 -0.37 -0.27	22.39 -0.55 0.00
LEDERLE____ 23769	20.80 0.38 -14.52	19.47 0.33 -13.85	18.39 0.29 -13.12	18.20 0.28 -13.18	18.73 0.28 -13.54	20.76 0.34 -14.72	27.89 0.88 -13.55	35.53 1.59 -11.54	34.03 1.43 -13.03	30.81 1.43 -8.88	31.87 1.83 -4.28	31.76 1.84 -3.95	30.92 1.56 -7.42	30.97 1.40 -10.19	30.48 1.38 -10.65	30.44 1.44 -9.83	30.89 1.44 -10.24	37.83 1.52 -15.79	38.71 2.28 -6.47	36.04 2.24 -4.29	30.56 1.84 -2.49	28.61 1.66 -2.12	27.06 1.04 -8.41	24.32 1.38 0.00
LIGHTHSE_115KV_TB6 355974	8.92 0.12 -2.90	8.15 0.10 -2.76	7.67 0.07 -2.62	7.46 0.08 -2.63	7.70 0.09 -2.70	8.78 0.14 -2.94	16.52 0.35 -2.70	25.33 0.63 -2.30	22.66 0.49 -2.60	22.76 0.49 -1.77	27.15 0.54 -0.85	27.28 0.52 -0.79	23.84 0.42 -1.48	21.75 0.33 -2.03	20.87 0.30 -2.12	21.39 0.25 -1.96	21.52 0.27 -2.04	23.55 -0.12 -3.15	31.11 -0.15 -1.29	30.25 -0.12 -0.86	26.63 -0.10 -0.50	25.19 -0.05 -0.42	19.31 0.02 -1.68	22.94 0.00 0.00
LINDEN COGEN____ 23786	22.10 0.33 -15.87	20.73 0.32 -15.13	19.59 0.28 -14.33	19.40 0.27 -14.39	19.96 0.27 -14.78	22.06 0.30 -16.07	29.14 0.84 -14.84	36.61 1.61 -12.60	34.54 1.39 -13.58	31.67 1.41 -9.76	32.29 1.86 -4.68	32.15 1.87 -4.31	31.67 1.62 -8.10	31.99 1.47 -11.13	31.52 1.44 -11.63	31.39 1.48 -10.73	31.84 1.44 -11.19	39.23 1.48 -17.23	39.27 2.25 -7.06	36.38 2.18 -4.69	30.83 1.86 -2.73	28.74 1.59 -2.33	27.84 1.00 -9.23	24.36 1.35 -0.06
LINDHRST_69_KV_BK1 356055	23.05 0.61 -16.54	20.96 0.54 -15.13	19.78 0.48 -14.33	19.60 0.47 -14.39	20.17 0.47 -14.78	22.34 0.57 -16.07	35.90 1.47 -20.96	38.11 2.53 -13.18	36.90 2.25 -15.08	36.54 2.36 -13.69	36.14 2.83 -7.55	35.56 2.86 -6.73	34.47 2.44 -10.10	34.52 2.19 -12.95	34.44 2.16 -13.83	34.65 2.24 -13.23	36.43 2.23 -14.99	44.42 2.13 -21.76	44.21 3.36 -10.89	43.40 3.30 -10.59	34.01 2.96 -4.82	33.30 2.68 -5.80	31.25 1.88 -11.76	28.70 2.45 -3.30
LIPA_MISC_IPP 23656	23.13 0.70 -16.54	21.03 0.61 -15.13	19.85 0.54 -14.33	19.67 0.53 -14.39	20.24 0.54 -14.78	22.42 0.66 -16.07	39.97 1.67 -24.84	44.44 2.80 -19.24	44.29 2.52 -22.19	44.72 2.62 -21.60	66.00 3.12 -37.12	60.72 3.17 -31.58	55.26 2.72 -30.60	53.47 2.42 -31.66	55.19 2.38 -34.37	57.25 2.47 -35.60	75.16 2.48 -53.47	91.25 2.40 -68.33	83.95 3.72 -50.27	104.44 3.66 -71.28	47.59 3.28 -18.08	46.68 3.00 -18.86	35.84 2.15 -16.08	29.19 2.82 -3.42
LISF__SOLAR 323691	23.14 0.71 -16.54	21.05 0.62 -15.14	19.86 0.55 -14.33	19.68 0.54 -14.40	20.26 0.55 -14.79	22.44 0.67 -16.08	40.06 1.70 -24.90	44.65 2.91 -19.34	44.42 2.54 -22.30	44.65 2.66 -21.49	65.61 3.14 -36.72	60.37 3.17 -31.24	55.00 2.74 -30.32	53.25 2.46 -31.40	54.92 2.40 -34.08	56.98 2.51 -35.29	74.66 2.52 -52.93	90.63 2.44 -67.67	83.46 3.78 -49.72	103.65 3.72 -70.43	47.43 3.31 -17.89	46.50 3.00 -18.68	47.75 2.15 -27.99	29.17 2.80 -3.42
LITTLE FALLS__HYD 24013	6.37 0.06 -0.41	5.72 0.05 -0.39	5.38 0.04 -0.37	5.16 0.04 -0.37	5.33 0.03 -0.38	6.14 0.03 -0.41	13.90 0.05 -0.38	22.81 0.09 -0.32	20.02 0.08 -0.36	20.85 0.10 -0.25	26.03 0.15 -0.12	26.24 0.16 -0.11	22.32 0.18 -0.21	19.79 0.12 -0.29	18.82 0.07 -0.30	19.55 0.10 -0.28	19.59 0.10 -0.29	21.13 0.16 -0.44	30.30 0.15 -0.18	29.78 0.15 -0.12	26.41 0.10 -0.07	25.08 0.20 -0.06	18.02 0.18 -0.24	23.31 0.37 0.00
LITTLRIV_115KV_TB1 356100	6.29 -0.11 -0.50	5.69 -0.08 -0.48	5.37 -0.06 -0.45	5.14 -0.07 -0.46	5.31 -0.07 -0.47	6.09 -0.11 -0.51	13.61 -0.32 -0.47	22.24 -0.56 -0.40	19.51 -0.51 -0.45	20.35 -0.45 -0.31	25.39 -0.52 -0.15	25.43 -0.68 -0.14	21.41 -0.79 -0.26	19.02 -0.72 -0.35	18.13 -0.68 -0.37	18.79 -0.73 -0.34	18.76 -0.81 -0.35	20.29 -0.78 -0.55	19.17 -1.02 -0.22	28.74 -0.91 -0.15	25.61 -0.71 -0.09	24.42 -0.47 -0.07	17.62 -0.28 -0.29	22.51 -0.44 0.00
LI_NEWBRDGE__DRP 323616	22.92 0.49 -16.54	20.86 0.44 -15.13	19.70 0.39 -14.33	19.51 0.38 -14.39	20.08 0.38 -14.78	22.23 0.46 -16.07	35.16 1.20 -20.49	37.11 2.11 -12.60	35.64 1.84 -14.23	35.32 1.91 -12.92	32.72 2.29 -4.68	32.62 2.34 -4.31	32.04 2.00 -8.10	32.32 1.80 -11.13	32.05 1.77 -11.84	32.05 1.82 -11.05	32.26 1.81 -11.25	39.53 1.76 -17.24	39.84 2.82 -7.06	36.97 2.77 -4.69	32.15 2.39 -3.53	31.51 2.16 -4.53	30.45 1.48 -11.36	28.18 1.95 -3.28
LOCKPORT_115KV_TB60_63_64 80432	10.49 0.18 -4.42	9.64 0.14 -4.21	9.00 0.03 -3.99	8.82 0.06 -4.01	9.10 0.07 -4.12	10.37 0.19 -4.48	17.79 0.20 -4.12	25.68 -0.22 -3.51	23.38 -0.16 -3.96	22.91 -0.29 -2.70	26.41 -0.64 -1.30	26.70 -0.47 -1.20	24.09 -0.11 -2.26	22.39 -0.10 -3.10	21.63 -0.06 -3.24	22.11 -0.06 -2.99	22.25 -0.08 -3.12	25.14 -0.18 -4.80	31.42 -0.51 -1.97	30.25 -0.56 -1.31	26.62 -0.37 -0.76	25.19 -0.27 -0.65	20.08 -0.09 -2.56	23.06 0.11 0.00
LOCKPORT__CC1 323769	10.51 0.18 -4.44	9.65 0.13 -4.23	9.01 0.02 -4.01	8.83 0.06 -4.03	9.12 0.06 -4.14	10.38 0.19 -4.50	17.81 0.20 -4.14	25.59 -0.34 -3.53	23.42 -0.14 -3.98	22.92 -0.29 -2.72	26.42 -0.64 -1.31	26.71 -0.47 -1.21	24.10 -0.11 -2.27	22.40 -0.10 -3.12	21.65 -0.06 -3.26	22.12 -0.06 -3.00	22.26 -0.08 -3.13	25.12 -0.21 -4.80	31.42 -0.51 -1.97	30.25 -0.56 -1.31	26.62 -0.37 -0.76	25.19 -0.27 -0.65	20.10 -0.07 -2.56	23.13 0.18 0.00

LOCKPORT___CC2 323770	10.51 0.18 -4.44	9.65 0.13 -4.23	9.01 0.02 -4.01	8.83 0.06 -4.03	9.12 0.06 -4.14	10.38 0.19 -4.50	17.81 0.20 -4.14	25.59 -0.34 -3.53	23.42 -0.14 -3.98	22.92 -0.29 -2.72	26.42 -0.64 -1.31	26.71 -0.47 -1.21	24.10 -0.11 -2.27	22.40 -0.10 -3.12	21.65 -0.06 -3.26	22.12 -0.06 -3.00	22.26 -0.08 -3.13	25.12 -0.21 -4.80	31.42 -0.51 -1.97	30.25 -0.56 -1.31	26.62 -0.37 -0.76	25.19 -0.27 -0.65	20.10 -0.07 -2.56	23.13 0.18 0.00
LOCKPORT___CC3 323771	10.51 0.18 -4.44	9.65 0.13 -4.23	9.01 0.02 -4.01	8.83 0.06 -4.03	9.12 0.06 -4.14	10.38 0.19 -4.50	17.81 0.20 -4.14	25.59 -0.34 -3.53	23.42 -0.14 -3.98	22.92 -0.29 -2.72	26.42 -0.64 -1.31	26.71 -0.47 -1.21	24.10 -0.11 -2.27	22.40 -0.10 -3.12	21.65 -0.06 -3.26	22.12 -0.06 -3.00	22.26 -0.08 -3.13	25.12 -0.21 -4.80	31.42 -0.51 -1.97	30.25 -0.56 -1.31	26.62 -0.37 -0.76	25.19 -0.27 -0.65	20.10 -0.07 -2.56	23.13 0.18 0.00
LONG_LAKE_PHOENIX 24014	9.39 0.19 -3.30	8.60 0.16 -3.15	8.09 0.13 -2.98	7.87 0.13 -3.00	8.13 0.14 -3.08	9.25 0.21 -3.35	16.98 0.43 -3.08	25.81 0.78 -2.62	23.18 0.65 -2.96	23.17 0.66 -2.02	27.53 0.80 -0.97	27.67 0.81 -0.90	24.29 0.66 -1.69	22.26 0.56 -2.32	21.38 0.52 -2.42	21.91 0.50 -2.23	22.06 0.52 -2.33	23.99 -0.12 -3.59	31.26 -0.18 -1.47	30.28 -0.21 -0.98	26.62 -0.18 -0.57	25.13 -0.17 -0.48	19.45 -0.07 -1.91	22.85 -0.09 0.00
LOVETT___3 23632	20.79 0.35 -14.54	19.46 0.31 -13.87	18.38 0.27 -13.14	18.20 0.26 -13.19	18.73 0.26 -13.55	20.75 0.31 -14.74	27.85 0.82 -13.56	35.45 1.50 -11.55	33.95 1.33 -13.05	30.72 1.33 -8.89	31.74 1.70 -4.29	31.64 1.71 -3.96	30.82 1.45 -7.43	30.89 1.30 -10.21	30.40 1.29 -10.66	30.34 1.32 -9.84	30.79 1.33 -10.26	37.74 1.42 -15.81	38.54 2.10 -6.48	35.87 2.07 -4.30	30.46 1.73 -2.49	28.48 1.54 -2.12	27.00 0.97 -8.43	24.23 1.28 0.00
LOVETT___4 23642	20.79 0.35 -14.54	19.46 0.31 -13.87	18.38 0.27 -13.14	18.20 0.26 -13.19	18.73 0.26 -13.55	20.75 0.31 -14.74	27.85 0.82 -13.56	35.45 1.50 -11.55	33.95 1.33 -13.05	30.72 1.33 -8.89	31.74 1.70 -4.29	31.64 1.71 -3.96	30.82 1.45 -7.43	30.89 1.30 -10.21	30.40 1.29 -10.66	30.34 1.32 -9.84	30.79 1.33 -10.26	37.74 1.42 -15.81	38.54 2.10 -6.48	35.87 2.07 -4.30	30.46 1.73 -2.49	28.48 1.54 -2.12	27.00 0.97 -8.43	24.23 1.28 0.00
LOVETT___5 23593	20.79 0.35 -14.54	19.46 0.31 -13.87	18.38 0.27 -13.14	18.20 0.26 -13.19	18.73 0.26 -13.55	20.75 0.31 -14.74	27.85 0.82 -13.56	35.45 1.50 -11.55	33.95 1.33 -13.05	30.72 1.33 -8.89	31.74 1.70 -4.29	31.64 1.71 -3.96	30.82 1.45 -7.43	30.89 1.30 -10.21	30.40 1.29 -10.66	30.34 1.32 -9.84	30.79 1.33 -10.26	37.74 1.42 -15.81	38.54 2.10 -6.48	35.87 2.07 -4.30	30.46 1.73 -2.49	28.48 1.54 -2.12	27.00 0.97 -8.43	24.23 1.28 0.00
LOWER RAQUET___HYD 24057	6.28 -0.15 -0.53	5.68 -0.12 -0.51	5.36 -0.09 -0.48	5.13 -0.10 -0.48	5.30 -0.11 -0.50	6.08 -0.15 -0.54	13.54 -0.42 -0.50	22.13 -0.69 -0.42	19.40 -0.65 -0.48	20.25 -0.57 -0.33	25.24 -0.67 -0.16	25.23 -0.88 -0.14	21.20 -1.01 -0.27	18.87 -0.89 -0.37	17.97 -0.87 -0.39	18.64 -0.90 -0.36	18.58 -1.00 -0.37	20.07 -0.98 -0.54	28.84 -1.35 -0.22	28.39 -1.27 -0.15	25.29 -1.02 -0.08	24.17 -0.72 -0.07	17.51 -0.39 -0.29	22.39 -0.55 0.00
LOWER___HUDSON 24059	25.61 0.24 -19.47	24.08 0.22 -18.57	22.77 0.19 -17.60	22.61 0.19 -17.67	23.26 0.20 -18.15	25.68 0.24 -19.73	32.25 0.62 -18.16	38.95 1.08 -15.47	37.98 0.94 -17.47	33.39 0.98 -11.91	32.68 1.19 -5.74	32.49 1.22 -5.30	32.92 1.03 -9.95	33.94 0.89 -13.67	33.59 0.87 -14.28	33.27 0.92 -13.17	33.87 0.92 -13.73	42.70 1.03 -21.15	40.13 1.50 -8.66	36.71 1.45 -5.75	30.83 1.26 -3.34	28.83 1.17 -2.84	29.59 0.71 -11.28	23.84 0.89 0.00
LOWVILLE_115KV_TB2 356335	7.21 0.04 -1.28	6.53 0.02 -1.22	6.15 0.02 -1.15	5.94 0.03 -1.16	6.13 0.03 -1.19	7.03 0.04 -1.29	14.81 0.15 -1.19	23.71 0.29 -1.01	20.91 0.20 -1.15	21.50 0.23 -0.78	26.34 0.21 -0.38	26.45 0.13 -0.35	22.64 0.04 -0.65	20.28 0.00 -0.90	19.38 0.00 -0.94	20.02 -0.02 -0.86	20.09 -0.02 -0.90	21.93 0.02 -1.39	30.62 0.09 -0.57	30.06 0.18 -0.38	26.61 0.16 -0.22	25.21 0.20 -0.19	18.49 0.14 -0.74	23.08 0.14 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.86 0.29 -19.67	24.30 0.25 -18.76	22.98 0.23 -17.78	22.82 0.22 -17.85	23.49 0.24 -18.33	25.92 0.29 -19.93	32.58 0.77 -18.35	39.35 1.32 -15.63	38.41 1.19 -17.65	33.80 1.27 -12.03	33.08 1.52 -5.80	32.85 1.53 -5.35	33.31 1.32 -10.05	34.30 1.10 -13.81	33.94 1.07 -14.42	33.62 1.13 -13.31	34.22 1.13 -13.87	43.15 1.25 -21.37	40.58 1.86 -8.76	37.12 1.80 -5.81	31.18 1.57 -3.37	29.11 1.41 -2.87	29.88 0.88 -11.39	24.11 1.17 0.00
LUTHERNY_35_KV_BK2 355980	25.86 0.29 -19.67	24.31 0.26 -18.76	22.99 0.23 -17.78	22.82 0.22 -17.85	23.49 0.24 -18.33	25.92 0.29 -19.93	32.60 0.78 -18.35	39.35 1.32 -15.63	38.41 1.19 -17.65	33.80 1.27 -12.03	33.08 1.52 -5.80	32.88 1.56 -5.35	33.33 1.34 -10.05	34.30 1.10 -13.81	33.94 1.07 -14.42	33.62 1.13 -13.31	34.24 1.15 -13.87	43.17 1.27 -21.37	40.61 1.89 -8.76	37.12 1.80 -5.81	31.18 1.57 -3.37	29.11 1.41 -2.87	29.90 0.90 -11.39	24.14 1.19 0.00
LWR___OSWEGATCHIE_HYD 23850	6.78 -0.09 -0.98	6.14 -0.08 -0.93	5.79 -0.06 -0.88	5.57 -0.07 -0.89	5.76 -0.07 -0.91	6.60 -0.09 -0.99	14.19 -0.19 -0.91	22.89 -0.29 -0.78	20.16 -0.29 -0.88	20.85 -0.25 -0.60	25.73 -0.31 -0.29	25.74 -0.49 -0.27	21.87 -0.57 -0.50	19.53 -0.54 -0.69	18.65 -0.52 -0.72	19.28 -0.56 -0.66	19.30 -0.60 -0.69	20.97 -0.62 -1.06	29.59 -0.81 -0.44	29.09 -0.71 -0.29	25.82 -0.58 -0.17	24.59 -0.37 -0.14	17.96 -0.21 -0.57	22.60 -0.34 0.00
LYONS_FALL_HYD 23570	7.11 0.06 -1.15	6.43 0.05 -1.10	6.06 0.04 -1.04	5.85 0.05 -1.05	6.04 0.05 -1.07	6.93 0.07 -1.17	14.73 0.19 -1.07	23.69 0.38 -0.92	20.88 0.27 -1.03	21.51 0.31 -0.70	26.43 0.33 -0.34	26.54 0.26 -0.31	22.73 0.20 -0.59	20.33 0.14 -0.81	19.42 0.13 -0.84	20.07 0.12 -0.78	20.14 0.12 -0.81	21.89 0.18 -1.19	30.75 0.30 -0.49	30.21 0.38 -0.32	26.74 0.32 -0.19	25.33 0.35 -0.16	18.47 0.23 -0.63	23.22 0.28 0.00
MADISON___COUNTY_LFGE 323628	7.78 0.17 -1.72	7.07 0.14 -1.64	6.65 0.12 -1.55	6.43 0.13 -1.56	6.65 0.13 -1.60	7.61 0.18 -1.74	15.48 0.42 -1.60	24.50 0.74 -1.36	21.74 0.63 -1.54	22.18 0.64 -1.05	27.01 0.75 -0.51	27.16 0.73 -0.47	23.45 0.64 -0.88	21.09 0.50 -1.20	20.20 0.50 -1.26	20.86 0.52 -1.16	20.94 0.52 -1.21	23.00 0.62 -1.87	31.66 0.93 -0.76	30.96 0.94 -0.51	27.34 0.81 -0.29	25.84 0.77 -0.25	19.11 0.51 -0.99	23.61 0.67 0.00
MALONE___115KV_TB1 356076	6.06 -0.15 -0.31	5.48 -0.11 -0.30	5.16 -0.10 -0.28	4.91 -0.12 -0.28	5.07 -0.13 -0.29	5.86 -0.15 -0.32	13.35 -0.40 -0.29	21.91 -0.74 -0.25	19.21 -0.65 -0.28	20.11 -0.57 -0.19	25.33 -0.52 -0.09	25.46 -0.60 -0.09	21.46 -0.64 -0.16	19.02 -0.58 -0.22	18.12 -0.55 -0.23	18.83 -0.56 -0.21	18.87 -0.56 -0.22	20.39 -0.47 -0.34	29.51 -0.60 -0.14	29.01 -0.59 -0.09	25.81 -0.47 -0.05	24.44 -0.42 -0.05	17.58 -0.21 -0.18	22.65 -0.30 0.00

MAPLEWOD_115KV_TB3 80458	25.41 0.22 -19.30	23.88 0.19 -18.41	22.58 0.17 -17.44	22.42 0.17 -17.51	23.08 0.18 -17.99	25.47 0.22 -19.55	32.03 0.57 -18.00	38.69 0.96 -15.33	37.74 0.86 -17.31	33.20 0.90 -11.80	32.53 1.08 -5.69	32.34 1.12 -5.25	32.77 0.97 -9.86	33.74 0.81 -13.54	33.41 0.81 -14.15	33.08 0.84 -13.06	33.68 0.86 -13.61	42.43 0.94 -20.97	39.93 1.38 -8.59	36.54 1.33 -5.70	30.69 1.15 -3.31	28.68 1.04 -2.82	29.40 0.62 -11.18	23.77 0.83 0.00
MAPLE_RIDGE_WT_1 323574	5.55 -0.35 0.00	4.98 -0.31 0.00	4.69 -0.29 0.00	4.47 -0.28 0.00	4.63 -0.29 0.00	5.37 -0.33 0.00	12.73 -0.74 0.00	21.21 -1.19 0.00	18.53 -1.04 0.00	19.47 -1.02 0.00	24.52 -1.24 0.00	24.72 -1.25 0.00	20.87 -1.07 0.00	18.43 -0.95 0.00	17.60 -0.85 0.00	18.43 -0.75 0.00	18.61 -0.60 0.00	20.03 -0.49 0.00	29.31 -0.66 0.00	28.86 -0.65 0.00	25.66 -0.58 0.00	24.30 -0.52 0.00	17.27 -0.34 0.00	22.55 -0.39 0.00
MAPLE_RIDGE_WT_2 323611	5.55 -0.35 0.00	4.98 -0.31 0.00	4.69 -0.29 0.00	4.47 -0.28 0.00	4.63 -0.29 0.00	5.37 -0.33 0.00	12.73 -0.74 0.00	21.21 -1.19 0.00	18.53 -1.04 0.00	19.47 -1.02 0.00	24.52 -1.24 0.00	24.72 -1.25 0.00	20.87 -1.07 0.00	18.43 -0.95 0.00	17.60 -0.85 0.00	18.43 -0.75 0.00	18.61 -0.60 0.00	20.03 -0.49 0.00	29.31 -0.66 0.00	28.86 -0.65 0.00	25.66 -0.58 0.00	24.30 -0.52 0.00	17.27 -0.34 0.00	22.55 -0.39 0.00
MARBLE_RIVER_WT_PWR 323696	5.72 -0.18 0.00	5.15 -0.14 0.00	4.85 -0.13 0.00	4.60 -0.15 0.00	4.75 -0.16 0.00	5.50 -0.19 0.00	13.01 -0.46 0.00	21.59 -0.81 0.00	18.85 -0.72 0.00	19.80 -0.70 0.00	25.16 -0.59 0.00	25.32 -0.65 0.00	21.28 -0.66 0.00	18.76 -0.62 0.00	17.86 -0.59 0.00	18.62 -0.56 0.00	18.67 -0.54 0.00	20.09 -0.43 0.00	29.37 -0.60 0.00	28.89 -0.62 0.00	25.71 -0.52 0.00	24.30 -0.52 0.00	17.33 -0.28 0.00	22.51 -0.44 0.00
MARSHVLE_115KV_TB1 80742	25.98 0.29 -19.79	24.41 0.25 -18.88	23.08 0.22 -17.88	22.92 0.21 -17.96	23.60 0.24 -18.44	26.06 0.31 -20.05	32.87 0.94 -18.46	39.78 1.66 -15.72	38.81 1.49 -17.75	34.16 1.56 -12.10	33.39 1.80 -5.84	33.15 1.79 -5.38	33.59 1.54 -10.11	34.53 1.26 -13.89	34.03 1.07 -14.51	33.76 1.19 -13.39	34.41 1.25 -13.96	43.52 1.50 -21.50	41.05 2.28 -8.81	37.48 2.12 -5.85	31.46 1.84 -3.39	29.47 1.76 -2.89	30.11 1.04 -11.46	24.14 1.19 0.00
MARSH_HILL_WT_PWR 323713	11.44 0.24 -5.30	10.53 0.18 -5.05	9.87 0.10 -4.79	9.68 0.12 -4.81	9.99 0.14 -4.94	11.35 0.28 -5.37	18.95 0.54 -4.94	27.28 0.67 -4.21	24.99 0.67 -4.75	24.27 0.53 -3.24	27.81 0.49 -1.56	28.03 0.62 -1.44	25.28 0.64 -2.71	23.67 0.56 -3.72	22.92 0.59 -3.89	23.42 0.65 -3.58	23.64 0.69 -3.74	26.97 0.72 -5.73	33.36 1.05 -2.35	32.04 0.97 -1.56	28.03 0.89 -0.90	26.44 0.84 -0.77	21.26 0.60 -3.06	24.16 1.22 0.00
MCINTYRE_115KV_TB2 80467	6.26 -0.09 -0.46	5.66 -0.06 -0.43	5.35 -0.04 -0.41	5.12 -0.05 -0.41	5.29 -0.05 -0.42	6.06 -0.10 -0.46	13.59 -0.30 -0.43	22.27 -0.49 -0.36	19.51 -0.47 -0.41	20.39 -0.39 -0.28	25.43 -0.46 -0.13	25.52 -0.57 -0.12	21.54 -0.64 -0.23	19.12 -0.58 -0.32	18.23 -0.55 -0.33	18.89 -0.59 -0.31	18.88 -0.65 -0.32	20.42 -0.60 -0.49	29.42 -0.75 -0.20	28.99 -0.65 -0.13	25.84 -0.47 -0.08	24.56 -0.32 -0.07	17.64 -0.23 -0.26	22.58 -0.37 0.00
MECO____69_KV_BK1 80468	26.11 0.42 -19.79	24.52 0.35 -18.88	23.18 0.32 -17.88	23.01 0.30 -17.96	23.69 0.33 -18.44	26.19 0.44 -20.05	33.04 1.12 -18.46	40.09 1.97 -15.72	39.15 1.82 -17.75	34.55 1.95 -12.10	33.86 2.27 -5.84	33.59 2.23 -5.38	34.00 1.95 -10.11	34.84 1.57 -13.89	34.38 1.42 -14.51	34.20 1.63 -13.39	34.84 1.67 -13.96	43.95 1.93 -21.50	41.68 2.91 -8.81	38.07 2.71 -5.85	31.96 2.33 -3.39	29.85 2.13 -2.89	30.36 1.29 -11.46	24.48 1.54 0.00
MENANDS__115KV_TB5 355628	25.36 0.19 -19.27	23.83 0.16 -18.38	22.54 0.15 -17.41	22.38 0.15 -17.49	23.03 0.16 -17.96	25.42 0.20 -19.53	31.94 0.50 -17.97	38.56 0.85 -15.31	37.62 0.76 -17.29	33.06 0.78 -11.79	32.39 0.95 -5.68	32.20 0.99 -5.24	32.64 0.86 -9.85	33.65 0.74 -13.52	33.30 0.72 -14.13	32.98 0.77 -13.04	33.57 0.77 -13.59	42.30 0.84 -20.94	39.77 1.23 -8.58	36.35 1.15 -5.70	30.56 1.02 -3.30	28.58 0.94 -2.81	29.30 0.53 -11.16	23.65 0.71 0.00
MG INDUSTRY__DRP 24185	25.02 0.21 -18.92	23.51 0.18 -18.04	22.24 0.17 -17.10	22.08 0.16 -17.17	22.72 0.17 -17.63	25.08 0.21 -19.17	31.62 0.51 -17.65	38.30 0.87 -15.03	37.31 0.76 -16.97	32.87 0.80 -11.57	32.31 0.98 -5.58	32.10 0.99 -5.15	32.44 0.83 -9.67	33.38 0.72 -13.28	33.04 0.72 -13.87	32.73 0.75 -12.80	33.30 0.75 -13.34	41.90 0.82 -20.56	39.58 1.20 -8.42	36.25 1.15 -5.59	30.50 1.02 -3.24	28.53 0.94 -2.76	29.13 0.56 -10.96	23.72 0.78 0.00
MID__OSWEGATCHIE_HYD 23849	6.78 -0.09 -0.98	6.14 -0.08 -0.93	5.79 -0.06 -0.88	5.57 -0.07 -0.89	5.76 -0.07 -0.91	6.60 -0.09 -0.99	14.19 -0.19 -0.91	22.89 -0.29 -0.78	20.16 -0.29 -0.88	20.85 -0.25 -0.60	25.73 -0.31 -0.29	25.74 -0.49 -0.27	21.87 -0.57 -0.50	19.53 -0.54 -0.69	18.65 -0.52 -0.72	19.28 -0.56 -0.66	19.30 -0.60 -0.69	20.97 -0.62 -1.06	29.59 -0.81 -0.44	29.09 -0.71 -0.29	25.82 -0.58 -0.17	24.59 -0.37 -0.14	17.96 -0.21 -0.57	22.60 -0.34 0.00
MID__RAQUETTE_HYD 23851	6.28 -0.15 -0.53	5.68 -0.12 -0.51	5.36 -0.09 -0.48	5.13 -0.10 -0.48	5.30 -0.11 -0.50	6.08 -0.15 -0.54	13.54 -0.42 -0.50	22.13 -0.69 -0.42	19.42 -0.63 -0.48	20.25 -0.57 -0.33	25.24 -0.67 -0.16	25.23 -0.88 -0.14	21.20 -1.01 -0.27	18.87 -0.89 -0.37	17.97 -0.87 -0.39	18.64 -0.90 -0.36	18.59 -1.00 -0.37	20.09 -1.01 -0.58	28.85 -1.35 -0.24	28.40 -1.27 -0.16	25.30 -1.02 -0.09	24.18 -0.72 -0.08	17.53 -0.39 -0.31	22.37 -0.57 0.00
MILLIKEN__1 23584	11.43 0.27 -5.26	10.52 0.22 -5.02	9.91 0.18 -4.76	9.70 0.18 -4.78	10.01 0.19 -4.91	11.30 0.27 -5.33	18.99 0.62 -4.91	27.66 1.08 -4.18	25.21 0.92 -4.72	24.62 0.90 -3.22	28.36 1.06 -1.55	28.47 1.06 -1.43	25.53 0.90 -2.69	23.87 0.79 -3.69	23.06 0.76 -3.86	23.53 0.79 -3.56	23.75 0.83 -3.71	27.08 0.84 -5.72	33.54 1.23 -2.34	32.24 1.18 -1.56	28.16 1.02 -0.90	26.53 0.94 -0.77	21.31 0.65 -3.05	23.84 0.89 0.00
MILLIKEN__2 23585	11.43 0.27 -5.26	10.52 0.22 -5.02	9.91 0.18 -4.76	9.70 0.18 -4.78	10.01 0.19 -4.91	11.30 0.27 -5.33	18.99 0.62 -4.91	27.66 1.08 -4.18	25.21 0.92 -4.72	24.62 0.90 -3.22	28.36 1.06 -1.55	28.47 1.06 -1.43	25.53 0.90 -2.69	23.87 0.79 -3.69	23.06 0.76 -3.86	23.53 0.79 -3.56	23.75 0.83 -3.71	27.08 0.84 -5.72	33.54 1.23 -2.34	32.24 1.18 -1.56	28.16 1.02 -0.90	26.53 0.94 -0.77	21.31 0.65 -3.05	23.84 0.89 0.00
MILLIKEN__DIESEL 23629	11.43 0.27 -5.26	10.52 0.22 -5.02	9.91 0.18 -4.76	9.70 0.18 -4.78	10.01 0.19 -4.91	11.30 0.27 -5.33	18.99 0.62 -4.91	27.66 1.08 -4.18	25.21 0.92 -4.72	24.62 0.90 -3.22	28.36 1.06 -1.55	28.47 1.06 -1.43	25.53 0.90 -2.69	23.87 0.79 -3.69	23.06 0.76 -3.86	23.53 0.79 -3.56	23.75 0.83 -3.71	27.08 0.84 -5.72	33.54 1.23 -2.34	32.24 1.18 -1.56	28.16 1.02 -0.90	26.53 0.94 -0.77	21.31 0.65 -3.05	23.84 0.89 0.00

MILLSEAT___LFGE 323607	10.47 0.24 -4.33	9.62 0.20 -4.13	8.98 0.09 -3.92	8.79 0.11 -3.93	9.08 0.12 -4.04	10.35 0.26 -4.39	17.90 0.39 -4.04	25.93 0.09 -3.44	23.70 0.24 -3.89	23.25 0.10 -2.65	26.88 -0.15 -1.28	27.17 0.03 -1.18	24.44 0.28 -2.21	22.70 0.27 -3.04	21.92 0.29 -3.18	22.42 0.31 -2.93	22.53 0.27 -3.06	25.41 0.21 -4.68	32.04 0.15 -1.92	30.84 0.06 -1.27	27.10 0.13 -0.74	25.60 0.15 -0.63	20.30 0.19 -2.50	23.40 0.46 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.01 0.37 -15.75	20.63 0.32 -15.02	19.49 0.28 -14.23	19.31 0.27 -14.29	19.86 0.27 -14.68	21.99 0.33 -15.96	29.03 0.88 -14.69	36.50 1.59 -12.51	35.11 1.41 -14.13	31.60 1.48 -9.63	32.25 1.85 -4.64	32.15 1.90 -4.28	31.59 1.60 -8.05	31.89 1.45 -11.05	31.42 1.42 -11.55	31.31 1.48 -10.65	31.78 1.46 -11.11	39.16 1.52 -17.12	39.23 2.25 -7.01	36.38 2.21 -4.66	30.82 1.89 -2.70	28.81 1.69 -2.30	27.81 1.07 -9.12	24.37 1.42 0.00
MILLWOOD_13_KV_LOAD 356217	22.03 0.38 -15.75	20.65 0.34 -15.02	19.50 0.30 -14.23	19.32 0.28 -14.29	19.88 0.29 -14.68	22.00 0.34 -15.96	29.07 0.92 -14.69	36.59 1.68 -12.51	35.19 1.49 -14.13	31.71 1.58 -9.63	32.38 1.98 -4.64	32.28 2.03 -4.28	31.68 1.69 -8.05	31.97 1.53 -11.05	31.51 1.51 -11.55	31.39 1.55 -10.65	31.85 1.54 -11.11	39.24 1.60 -17.12	39.35 2.37 -7.01	36.49 2.33 -4.66	30.93 1.99 -2.70	28.88 1.76 -2.30	27.88 1.14 -9.12	24.43 1.49 0.00
MODEL_CITY_ENERGY 24167	10.50 0.14 -4.47	9.65 0.10 -4.26	9.01 0.00 -4.04	8.83 0.03 -4.06	9.12 0.03 -4.17	10.38 0.15 -4.53	17.72 0.08 -4.17	25.37 -0.58 -3.55	23.25 -0.33 -4.01	22.72 -0.51 -2.73	26.15 -0.93 -1.32	26.43 -0.75 -1.22	23.87 -0.35 -2.28	22.21 -0.31 -3.14	21.47 -0.26 -3.28	21.95 -0.25 -3.02	22.07 -0.29 -3.15	24.92 -0.43 -4.83	31.08 -0.87 -1.98	29.94 -0.88 -1.31	26.34 -0.65 -0.76	24.92 -0.55 -0.65	19.92 -0.26 -2.58	22.87 -0.07 0.00
MODERN_LFGE___ 323580	10.50 0.14 -4.47	9.65 0.10 -4.26	9.01 0.00 -4.04	8.83 0.03 -4.06	9.12 0.03 -4.17	10.38 0.15 -4.53	17.72 0.08 -4.17	25.37 -0.58 -3.55	23.25 -0.33 -4.01	22.72 -0.51 -2.73	26.15 -0.93 -1.32	26.43 -0.75 -1.22	23.87 -0.35 -2.28	22.21 -0.31 -3.14	21.47 -0.26 -3.28	21.95 -0.25 -3.02	22.07 -0.29 -3.15	24.92 -0.43 -4.83	31.08 -0.87 -1.98	29.94 -0.88 -1.31	26.34 -0.65 -0.76	24.92 -0.55 -0.65	19.92 -0.26 -2.58	22.87 -0.07 0.00
MOHAWK_PAPER___DRP 24187	25.41 0.22 -19.30	23.88 0.19 -18.41	22.58 0.17 -17.44	22.42 0.17 -17.51	23.08 0.18 -17.99	25.47 0.22 -19.55	32.03 0.57 -18.00	38.69 0.96 -15.33	37.74 0.86 -17.31	33.20 0.90 -11.80	32.53 1.08 -5.69	32.34 1.12 -5.25	32.77 0.97 -9.86	33.74 0.81 -13.54	33.41 0.81 -14.15	33.08 0.84 -13.06	33.68 0.86 -13.61	42.43 0.94 -20.97	39.93 1.38 -8.59	36.54 1.33 -5.70	30.69 1.15 -3.31	28.68 1.04 -2.82	29.40 0.62 -11.18	23.77 0.83 0.00
MOHICAN___35_KV_115KV_LD 80490	25.87 0.29 -19.68	24.31 0.25 -18.77	22.98 0.22 -17.78	22.82 0.21 -17.86	23.49 0.23 -18.34	25.93 0.29 -19.94	32.63 0.81 -18.36	39.45 1.41 -15.64	38.54 1.31 -17.65	33.95 1.41 -12.04	33.23 1.67 -5.80	33.01 1.69 -5.35	33.40 1.40 -10.06	34.34 1.14 -13.81	33.98 1.11 -14.43	33.66 1.17 -13.31	34.28 1.19 -13.88	43.26 1.35 -21.38	40.73 2.01 -8.76	37.27 1.95 -5.82	31.28 1.68 -3.37	29.18 1.49 -2.87	29.92 0.92 -11.40	24.14 1.19 0.00
MONGAUP___HYD 23641	20.14 0.34 -13.90	18.84 0.30 -13.25	17.79 0.26 -12.56	17.60 0.25 -12.61	18.12 0.26 -12.95	20.09 0.31 -14.08	27.21 0.78 -12.96	34.83 1.39 -11.04	33.23 1.19 -12.47	30.20 1.21 -8.50	31.40 1.55 -4.10	31.26 1.51 -3.78	30.34 1.29 -7.10	30.30 1.16 -9.75	29.80 1.16 -10.19	29.81 1.23 -9.40	30.28 1.27 -9.80	36.95 1.33 -15.10	38.13 1.98 -6.18	35.56 1.95 -4.11	30.27 1.65 -2.38	28.36 1.51 -2.03	26.61 0.95 -8.05	24.25 1.31 0.00
MONTAUK___DIESEL 23721	23.35 0.91 -16.54	21.21 0.80 -15.13	20.03 0.72 -14.33	19.84 0.70 -14.39	20.41 0.72 -14.78	22.65 0.88 -16.07	40.60 2.26 -24.87	45.60 3.92 -19.28	45.32 3.50 -22.24	45.75 3.69 -21.57	67.25 4.51 -36.99	62.03 4.60 -31.46	56.37 3.93 -30.50	54.44 3.49 -31.57	56.09 3.38 -34.27	58.18 3.51 -35.50	76.00 3.50 -53.29	92.12 3.49 -68.11	85.38 5.33 -50.08	105.72 5.22 -70.99	48.89 4.64 -18.02	47.84 4.22 -18.80	36.74 2.96 -16.18	30.22 3.85 -3.42
MOONROAD_115KV_HARTFLD_TB1-2 355988	10.78 0.05 -4.83	9.90 0.00 -4.61	9.24 -0.10 -4.37	9.07 -0.06 -4.38	9.36 -0.05 -4.50	10.69 0.10 -4.90	18.05 0.08 -4.51	25.99 -0.25 -3.84	23.83 -0.08 -4.33	23.27 -0.18 -2.95	26.74 -0.44 -1.42	27.10 -0.18 -1.31	24.65 0.24 -2.47	23.05 0.27 -3.39	22.32 0.33 -3.54	22.87 0.42 -3.27	23.15 0.54 -3.41	26.29 0.51 -5.25	32.72 0.60 -2.15	31.50 0.56 -1.43	27.56 0.50 -0.83	26.05 0.52 -0.71	20.78 0.37 -2.80	24.02 1.08 0.00
MORTIMER_115KV_TB3 55949	10.00 0.17 -3.93	9.18 0.14 -3.75	8.60 0.07 -3.56	8.40 0.09 -3.57	8.67 0.09 -3.67	9.87 0.18 -3.99	17.50 0.36 -3.67	25.95 0.43 -3.13	23.51 0.41 -3.53	23.27 0.37 -2.41	27.22 0.31 -1.16	27.46 0.42 -1.07	24.46 0.50 -2.01	22.63 0.48 -2.76	21.77 0.44 -2.88	22.30 0.46 -2.66	22.41 0.42 -2.77	25.19 0.39 -4.28	32.23 0.51 -1.75	31.08 0.41 -1.16	27.30 0.39 -0.67	25.74 0.35 -0.57	20.19 0.30 -2.28	23.26 0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.14 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.22 0.92 -14.84	36.70 1.70 -12.60	35.31 1.51 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.93 1.54 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.07
MUNSVILLE_WIND_PWR 323609	13.47 0.41 -7.16	12.45 0.33 -6.83	11.74 0.29 -6.47	11.56 0.31 -6.50	11.91 0.32 -6.68	13.37 0.42 -7.26	21.21 1.06 -6.68	30.04 1.95 -5.69	27.62 1.62 -6.43	26.54 1.66 -4.38	29.82 1.96 -2.11	29.84 1.92 -1.95	27.25 1.65 -3.66	25.77 1.36 -5.03	25.08 1.38 -5.25	25.50 1.48 -4.85	25.74 1.48 -5.05	30.06 1.78 -7.75	35.78 2.64 -3.18	34.33 2.71 -2.11	29.82 2.36 -1.22	28.05 2.18 -1.04	23.20 1.46 -4.13	24.98 2.04 0.00
N SALMON___HYD 24042	6.06 -0.15 -0.31	5.48 -0.11 -0.30	5.16 -0.10 -0.28	4.91 -0.12 -0.28	5.07 -0.13 -0.29	5.86 -0.15 -0.32	13.35 -0.40 -0.29	21.93 -0.72 -0.25	19.19 -0.67 -0.28	20.11 -0.57 -0.19	25.33 -0.51 -0.09	25.46 -0.60 -0.09	21.46 -0.64 -0.16	19.02 -0.58 -0.22	18.12 -0.55 -0.23	18.83 -0.56 -0.21	18.87 -0.56 -0.22	20.05 -0.47 0.00	29.37 -0.60 0.00	28.92 -0.59 0.00	25.76 -0.47 0.00	24.40 -0.42 0.00	17.40 -0.21 0.00	22.60 -0.34 0.00
N.AKRON___115KV_KNAPP 355671	10.49 0.24 -4.35	9.63 0.20 -4.15	9.00 0.09 -3.93	8.81 0.11 -3.95	9.10 0.13 -4.06	10.36 0.26 -4.41	17.92 0.39 -4.06	26.04 0.18 -3.46	23.67 0.20 -3.90	23.24 0.08 -2.66	26.86 -0.18 -1.28	27.15 0.00 -1.18	24.43 0.26 -2.22	22.71 0.27 -3.05	21.91 0.28 -3.19	22.41 0.29 -2.94	22.55 0.27 -3.07	25.46 0.21 -4.73	32.02 0.12 -1.94	30.82 0.03 -1.29	27.08 0.10 -0.75	25.58 0.12 -0.64	20.31 0.18 -2.52	23.36 0.41 0.00

N.BELMOR_69_KV_BK1 55787	22.96 0.52 -16.54	20.89 0.47 -15.13	19.72 0.41 -14.33	19.54 0.40 -14.39	20.10 0.41 -14.78	22.26 0.49 -16.07	35.28 1.27 -20.55	37.22 2.22 -12.60	35.85 1.96 -14.32	35.44 2.03 -12.92	32.93 2.50 -4.68	32.83 2.55 -4.31	32.22 2.17 -8.10	32.47 1.96 -11.13	32.18 1.90 -11.84	32.21 1.98 -11.05	32.42 1.96 -11.25	39.69 1.93 -17.24	40.05 3.03 -7.06	37.18 2.98 -4.69	32.36 2.60 -3.53	31.68 2.33 -4.53	30.57 1.60 -11.36	28.32 2.09 -3.28
N.E_GEN_SANDY PD 24062	23.75 0.27 -17.59	22.30 0.24 -16.77	21.08 0.21 -15.89	20.91 0.21 -15.95	21.52 0.22 -16.39	23.78 0.26 -17.82	30.50 0.63 -16.40	39.00 1.14 -15.46	34.84 0.96 -14.31	32.21 0.98 -10.73	32.18 1.24 -5.18	32.00 1.25 -4.78	32.00 1.07 -8.99	32.69 0.97 -12.34	32.30 0.96 -12.89	32.05 0.98 -11.90	32.61 1.00 -12.40	37.88 1.07 -16.29	42.12 1.56 -10.60	36.68 1.50 -5.67	30.10 1.34 -2.53	28.60 1.22 -2.56	28.50 0.72 -10.17	23.91 0.96 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.79 0.36 -14.53	19.47 0.32 -13.86	18.38 0.27 -13.13	18.20 0.26 -13.19	18.72 0.27 -13.54	20.75 0.32 -14.73	27.86 0.83 -13.55	35.47 1.52 -11.55	33.98 1.37 -13.04	30.74 1.35 -8.89	31.79 1.75 -4.29	31.69 1.77 -3.95	30.86 1.49 -7.43	30.92 1.34 -10.20	30.43 1.33 -10.66	30.37 1.36 -9.83	30.82 1.36 -10.25	37.77 1.46 -15.80	38.59 2.16 -6.47	35.93 2.12 -4.30	30.48 1.76 -2.49	28.53 1.59 -2.12	27.03 1.00 -8.42	24.25 1.31 0.00
N.QUEENS_27_KV_LOAD 356247	22.09 0.32 -15.87	20.80 0.39 -15.13	19.65 0.34 -14.33	19.47 0.33 -14.39	20.01 0.31 -14.78	22.06 0.30 -16.07	29.12 0.85 -14.80	36.48 1.48 -12.60	35.17 1.37 -14.23	31.72 1.52 -9.71	32.31 1.88 -4.68	32.18 1.90 -4.31	31.71 1.67 -8.10	32.03 1.51 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.85 1.46 -11.19	39.28 1.52 -17.24	39.24 2.22 -7.06	36.35 2.15 -4.69	30.87 1.92 -2.72	28.84 1.69 -2.33	27.92 1.09 -9.22	24.42 1.42 -0.06
N.TROY___115KV_TB1 355778	25.61 0.24 -19.47	24.08 0.22 -18.57	22.77 0.19 -17.60	22.61 0.19 -17.67	23.26 0.20 -18.15	25.68 0.25 -19.73	32.25 0.62 -18.16	38.92 1.05 -15.47	37.98 0.94 -17.47	33.39 0.98 -11.91	32.68 1.18 -5.74	32.49 1.22 -5.30	32.92 1.03 -9.95	33.94 0.89 -13.67	33.59 0.87 -14.28	33.27 0.92 -13.17	33.87 0.92 -13.73	42.70 1.03 -21.16	40.13 1.50 -8.67	36.71 1.45 -5.76	30.83 1.26 -3.34	28.83 1.17 -2.84	29.59 0.70 -11.28	23.88 0.94 0.00
NARROWS_GT1_1 24228	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT1_2 24229	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT1_3 24230	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT1_4 24231	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT1_5 24232	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT1_6 24233	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT1_7 24234	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT1_8 24235	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT2_1 24236	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT2_2 24237	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06

NARROWS_GT2_3 24238	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT2_4 24239	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT2_5 24240	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT2_6 24241	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT2_7 24242	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NARROWS_GT2_8 24243	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.29 0.19 -18.20	22.81 0.16 -17.36	21.56 0.14 -16.45	21.40 0.14 -16.51	22.04 0.16 -16.96	24.34 0.21 -18.44	30.99 0.55 -16.97	37.82 0.96 -14.46	36.74 0.84 -16.32	32.47 0.84 -11.13	32.15 1.03 -5.37	31.93 1.01 -4.95	32.09 0.86 -9.30	32.85 0.70 -12.77	32.49 0.70 -13.34	32.26 0.77 -12.31	32.87 0.83 -12.83	41.27 0.99 -19.77	39.44 1.38 -8.10	36.21 1.33 -5.38	30.45 1.10 -3.12	28.50 1.02 -2.66	28.69 0.55 -10.54	23.95 1.01 0.00
NCHELSEA_115KV_TR2 355582	21.92 0.38 -15.64	20.54 0.34 -14.91	19.40 0.29 -14.13	19.22 0.28 -14.19	19.77 0.29 -14.57	21.88 0.34 -15.84	28.92 0.88 -14.58	36.41 1.59 -12.42	35.01 1.41 -14.03	31.51 1.46 -9.56	32.25 1.88 -4.61	32.12 1.90 -4.25	31.51 1.58 -7.99	31.77 1.42 -10.97	31.31 1.40 -11.46	31.21 1.46 -10.58	31.68 1.44 -11.03	39.08 1.52 -17.04	39.16 2.22 -6.98	36.35 2.21 -4.63	30.78 1.86 -2.69	28.80 1.69 -2.29	27.75 1.06 -9.08	24.39 1.45 0.00
NEG CAPITAL___MECHNVIL 23645	25.81 0.29 -19.62	24.25 0.25 -18.72	22.94 0.23 -17.73	22.77 0.22 -17.81	23.44 0.23 -18.29	25.87 0.28 -19.89	32.52 0.75 -18.30	39.31 1.32 -15.59	38.35 1.17 -17.60	33.75 1.25 -12.00	33.03 1.49 -5.79	32.84 1.53 -5.34	33.28 1.32 -10.03	34.26 1.10 -13.77	33.89 1.05 -14.39	33.59 1.13 -13.28	34.18 1.13 -13.84	43.09 1.25 -21.32	40.56 1.86 -8.73	37.08 1.77 -5.80	31.14 1.55 -3.36	29.08 1.39 -2.87	29.83 0.86 -11.36	24.04 1.10 0.00
NEG CENTRAL_HIGH_ACRES 23767	9.82 0.03 -3.89	9.01 0.02 -3.71	8.46 -0.03 -3.52	8.26 -0.02 -3.53	8.53 -0.01 -3.63	9.69 0.05 -3.94	17.15 0.05 -3.63	25.45 -0.04 -3.09	23.10 0.04 -3.49	22.88 0.00 -2.38	26.80 -0.10 -1.15	27.00 -0.03 -1.06	23.99 0.07 -1.99	22.19 0.08 -2.73	21.37 0.07 -2.85	21.89 0.08 -2.63	21.97 0.02 -2.74	24.70 -0.02 -4.19	31.59 -0.09 -1.72	30.50 -0.15 -1.14	26.74 -0.16 -0.66	25.21 -0.17 -0.56	19.76 -0.09 -2.24	22.76 -0.18 0.00
NEG CENTRAL___DRP 24199	10.26 0.19 -4.17	9.42 0.16 -3.97	8.85 0.11 -3.76	8.64 0.11 -3.78	8.93 0.13 -3.88	10.14 0.22 -4.22	17.84 0.48 -3.89	26.52 0.81 -3.31	24.01 0.70 -3.74	23.70 0.66 -2.55	27.73 0.75 -1.23	27.88 0.78 -1.13	24.75 0.68 -2.13	22.91 0.60 -2.92	22.07 0.57 -3.05	22.59 0.59 -2.82	22.74 0.60 -2.94	25.65 0.60 -4.53	32.69 0.87 -1.86	31.54 0.80 -1.23	27.63 0.68 -0.71	26.03 0.60 -0.61	20.45 0.42 -2.41	23.54 0.60 0.00
NEG CENTRAL___INDECK 23768	11.01 0.35 -4.76	10.12 0.29 -4.54	9.48 0.20 -4.30	9.28 0.21 -4.32	9.58 0.23 -4.44	10.89 0.37 -4.83	18.73 0.82 -4.44	27.35 1.16 -3.78	24.92 1.08 -4.27	24.31 0.90 -2.91	28.04 0.88 -1.40	28.25 0.99 -1.30	25.32 0.94 -2.43	23.58 0.85 -3.34	22.79 0.85 -3.49	23.32 0.92 -3.22	23.55 0.98 -3.36	26.76 1.09 -5.15	33.75 1.68 -2.11	32.50 1.59 -1.40	28.46 1.42 -0.81	26.80 1.29 -0.69	21.27 0.92 -2.75	24.18 1.24 0.00
NEG CENTRAL___SENECA 23627	10.47 0.23 -4.35	9.62 0.19 -4.15	9.03 0.13 -3.93	8.83 0.13 -3.94	9.11 0.15 -4.05	10.35 0.25 -4.40	18.05 0.53 -4.05	26.73 0.87 -3.45	24.21 0.74 -3.90	23.85 0.70 -2.66	27.81 0.77 -1.28	27.98 0.83 -1.18	24.91 0.75 -2.22	23.09 0.66 -3.05	22.26 0.63 -3.19	22.77 0.65 -2.94	22.95 0.67 -3.07	25.92 0.68 -4.73	32.89 0.99 -1.94	31.71 0.91 -1.29	27.74 0.76 -0.75	26.13 0.67 -0.64	20.60 0.48 -2.52	23.63 0.69 0.00
NEG CENTRAL___STATE_STREET 24147	10.24 0.19 -4.15	9.40 0.16 -3.95	8.84 0.12 -3.75	8.63 0.12 -3.76	8.91 0.13 -3.86	10.10 0.21 -4.20	17.93 0.59 -3.87	26.75 1.05 -3.29	24.19 0.90 -3.72	23.93 0.90 -2.54	28.06 1.08 -1.22	28.21 1.12 -1.13	25.00 0.94 -2.12	23.13 0.83 -2.91	22.26 0.77 -3.04	22.77 0.79 -2.81	22.94 0.81 -2.92	25.81 0.78 -4.51	32.95 1.14 -1.85	31.77 1.03 -1.23	27.86 0.92 -0.71	26.25 0.82 -0.61	20.61 0.60 -2.40	23.72 0.78 0.00
NEG MILLWOOD___DRP 24198	22.23 0.42 -15.91	20.83 0.37 -15.17	19.68 0.33 -14.38	19.49 0.31 -14.43	20.05 0.31 -14.83	22.18 0.36 -16.12	29.27 0.97 -14.84	36.85 1.81 -12.64	35.43 1.59 -14.27	31.93 1.70 -9.73	32.64 2.19 -4.69	32.51 2.21 -4.33	31.89 1.82 -8.13	32.18 1.63 -11.17	31.74 1.62 -11.67	31.63 1.69 -10.76	32.10 1.67 -11.22	39.55 1.72 -17.30	39.57 2.52 -7.09	36.72 2.51 -4.71	31.11 2.15 -2.73	29.06 1.91 -2.33	28.05 1.22 -9.22	24.55 1.61 0.00

NEG NORTH_FLCN_SEA 23793	5.79 -0.11 0.00	5.21 -0.07 0.00	4.89 -0.08 0.00	4.64 -0.10 0.00	4.80 -0.11 0.00	5.57 -0.13 0.00	13.14 -0.32 0.00	21.82 -0.58 0.00	19.04 -0.53 0.00	20.00 -0.49 0.00	25.45 -0.31 0.00	25.61 -0.36 0.00	21.52 -0.42 0.00	18.98 -0.41 0.00	18.06 -0.39 0.00	18.83 -0.35 0.00	18.88 -0.33 0.00	20.32 -0.21 0.00	29.73 -0.24 0.00	29.24 -0.27 0.00	26.02 -0.21 0.00	24.57 -0.25 0.00	17.52 -0.09 0.00	22.87 -0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	5.72 -0.18 0.00	5.14 -0.14 0.00	4.84 -0.13 0.00	4.59 -0.16 0.00	4.75 -0.16 0.00	5.50 -0.19 0.00	12.99 -0.47 0.00	21.57 -0.83 0.00	18.81 -0.76 0.00	19.78 -0.72 0.00	25.14 -0.62 0.00	25.29 -0.68 0.00	21.26 -0.68 0.00	18.74 -0.64 0.00	17.86 -0.59 0.00	18.60 -0.58 0.00	18.67 -0.54 0.00	20.09 -0.43 0.00	29.40 -0.57 0.00	28.89 -0.62 0.00	25.73 -0.50 0.00	24.30 -0.52 0.00	17.33 -0.28 0.00	22.60 -0.34 0.00
NEG NORTH___ALICE_FALLS 23915	5.78 -0.12 0.00	5.20 -0.08 0.00	4.89 -0.08 0.00	4.63 -0.11 0.00	4.80 -0.12 0.00	5.56 -0.14 0.00	13.12 -0.35 0.00	21.77 -0.63 0.00	18.99 -0.59 0.00	19.98 -0.51 0.00	25.39 -0.36 0.00	25.55 -0.42 0.00	21.48 -0.46 0.00	18.94 -0.45 0.00	18.04 -0.41 0.00	18.79 -0.38 0.00	18.86 -0.35 0.00	20.30 -0.23 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.85 -0.09 0.00
NEG NORTH___LWR_SARANAC 23913	5.78 -0.12 0.00	5.20 -0.08 0.00	4.89 -0.08 0.00	4.63 -0.11 0.00	4.80 -0.12 0.00	5.56 -0.14 0.00	13.12 -0.35 0.00	21.77 -0.63 0.00	18.99 -0.59 0.00	19.98 -0.51 0.00	25.39 -0.36 0.00	25.55 -0.42 0.00	21.48 -0.46 0.00	18.94 -0.45 0.00	18.04 -0.41 0.00	18.79 -0.38 0.00	18.86 -0.35 0.00	20.30 -0.23 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.85 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	5.78 -0.12 0.00	5.20 -0.08 0.00	4.89 -0.08 0.00	4.63 -0.11 0.00	4.80 -0.12 0.00	5.56 -0.14 0.00	13.12 -0.35 0.00	21.77 -0.63 0.00	18.99 -0.59 0.00	19.98 -0.51 0.00	25.39 -0.36 0.00	25.55 -0.42 0.00	21.48 -0.46 0.00	18.94 -0.45 0.00	18.04 -0.41 0.00	18.79 -0.38 0.00	18.86 -0.35 0.00	20.30 -0.23 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.74 -0.21 0.00
NEG WEST_LEA_LOCKPORT 23791	10.51 0.18 -4.44	9.65 0.13 -4.23	9.01 0.02 -4.01	8.83 0.06 -4.03	9.12 0.06 -4.14	10.38 0.19 -4.50	17.81 0.20 -4.14	25.70 -0.22 -3.53	23.40 -0.16 -3.98	22.92 -0.29 -2.72	26.42 -0.64 -1.31	26.71 -0.47 -1.21	24.10 -0.11 -2.27	22.40 -0.10 -3.12	21.65 -0.06 -3.26	22.12 -0.06 -3.00	22.26 -0.08 -3.13	25.16 -0.18 -4.83	31.43 -0.51 -1.98	30.26 -0.56 -1.31	26.63 -0.37 -0.76	25.20 -0.27 -0.65	20.09 -0.09 -2.57	23.06 0.11 0.00
NEG WEST___LANCASTR 23811	10.71 0.01 -4.80	9.85 -0.02 -4.58	9.20 -0.11 -4.34	9.03 -0.08 -4.36	9.32 -0.07 -4.48	10.60 0.04 -4.87	17.84 -0.11 -4.48	25.61 -0.60 -3.81	23.41 -0.47 -4.31	22.76 -0.68 -2.94	26.06 -1.11 -1.42	26.37 -0.91 -1.31	23.87 -0.53 -2.45	22.29 -0.47 -3.37	21.56 -0.41 -3.52	22.00 -0.42 -3.25	22.19 -0.40 -3.39	25.25 -0.49 -5.22	31.26 -0.84 -2.14	30.04 -0.89 -1.42	26.30 -0.76 -0.82	24.88 -0.65 -0.70	19.97 -0.42 -2.78	23.63 0.69 0.00
NEG_PENN_ALLEGHNY 23528	13.27 0.23 -7.14	12.28 0.18 -6.81	11.57 0.14 -6.45	11.37 0.15 -6.48	11.72 0.15 -6.65	13.16 0.23 -7.23	20.62 0.50 -6.66	28.86 0.78 -5.67	26.70 0.72 -6.40	25.52 0.66 -4.37	28.61 0.75 -2.11	28.72 0.81 -1.94	26.29 0.70 -3.65	25.01 0.62 -5.01	24.29 0.61 -5.23	24.62 0.61 -4.83	24.88 0.63 -5.04	28.89 0.64 -7.73	34.06 0.93 -3.17	32.49 0.88 -2.10	28.21 0.76 -1.22	26.58 0.72 -1.04	22.21 0.48 -4.12	23.77 0.82 0.00
NEG___GEN_MONROE 24207	10.07 0.21 -3.96	9.24 0.17 -3.77	8.65 0.10 -3.58	8.45 0.11 -3.59	8.72 0.12 -3.69	9.93 0.22 -4.01	17.56 0.40 -3.69	25.95 0.40 -3.14	23.51 0.39 -3.55	23.26 0.35 -2.42	27.18 0.26 -1.17	27.44 0.39 -1.08	24.42 0.46 -2.02	22.61 0.45 -2.78	21.75 0.41 -2.90	22.24 0.38 -2.68	22.35 0.35 -2.79	25.13 0.31 -4.30	32.12 0.39 -1.76	31.03 0.35 -1.17	27.25 0.34 -0.68	25.72 0.32 -0.58	20.20 0.30 -2.29	23.33 0.39 0.00
NEPA___ENERGY 23901	10.95 0.19 -4.86	10.06 0.14 -4.63	9.40 0.04 -4.39	9.22 0.07 -4.41	9.52 0.07 -4.53	10.83 0.21 -4.92	18.32 0.32 -4.53	26.35 0.09 -3.86	24.09 0.16 -4.36	23.41 -0.06 -2.97	26.88 -0.31 -1.43	27.16 -0.13 -1.32	24.55 0.13 -2.48	22.93 0.14 -3.41	22.18 0.17 -3.56	22.66 0.19 -3.29	22.87 0.23 -3.43	25.99 0.18 -5.28	32.28 0.15 -2.16	31.03 0.09 -1.44	27.14 0.08 -0.83	25.68 0.15 -0.71	20.57 0.14 -2.82	23.72 0.78 0.00
NEVERSINK___HYD 23608	20.06 0.40 -13.77	18.77 0.35 -13.13	17.72 0.30 -12.44	17.53 0.29 -12.49	18.04 0.30 -12.83	20.00 0.35 -13.95	27.14 0.84 -12.84	34.90 1.57 -10.94	33.27 1.35 -12.35	30.25 1.33 -8.42	31.54 1.73 -4.06	31.43 1.71 -3.74	30.42 1.45 -7.03	30.32 1.28 -9.66	29.81 1.27 -10.09	29.83 1.34 -9.31	30.26 1.34 -9.71	36.92 1.46 -14.94	38.25 2.16 -6.12	35.73 2.15 -4.07	30.37 1.78 -2.36	28.47 1.64 -2.01	26.61 1.04 -7.97	24.48 1.54 0.00
NEWKRMKL_115KV_TB1 55635	25.32 0.15 -19.28	23.81 0.13 -18.39	22.52 0.12 -17.42	22.36 0.11 -17.49	23.01 0.13 -17.97	25.40 0.17 -19.54	31.87 0.42 -17.98	38.43 0.72 -15.32	37.49 0.63 -17.29	32.94 0.66 -11.79	32.24 0.80 -5.68	32.05 0.83 -5.24	32.49 0.70 -9.85	33.52 0.60 -13.53	33.19 0.61 -14.14	32.85 0.63 -13.04	33.44 0.63 -13.60	42.17 0.70 -20.95	39.57 1.02 -8.58	36.18 0.97 -5.70	30.38 0.84 -3.30	28.41 0.77 -2.82	29.20 0.42 -11.17	23.54 0.60 0.00
NEWTON___FALLS_HYD 23847	6.78 -0.09 -0.98	6.14 -0.08 -0.93	5.79 -0.06 -0.88	5.57 -0.07 -0.89	5.76 -0.07 -0.91	6.60 -0.09 -0.99	14.19 -0.19 -0.91	22.89 -0.29 -0.78	20.16 -0.29 -0.88	20.85 -0.25 -0.60	25.73 -0.31 -0.29	25.74 -0.49 -0.27	21.87 -0.57 -0.50	19.53 -0.54 -0.69	18.65 -0.52 -0.72	19.28 -0.56 -0.66	19.30 -0.60 -0.69	20.97 -0.62 -1.06	29.59 -0.81 -0.44	29.09 -0.71 -0.29	25.82 -0.58 -0.17	24.59 -0.37 -0.14	17.96 -0.21 -0.57	22.60 -0.34 0.00
NGRID_A1_DSASP 323792	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.24 -0.74 -3.58	23.14 -0.47 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.76 -0.64 -4.87	30.82 -1.14 -2.00	29.68 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.65	19.84 -0.37 -2.60	22.67 -0.27 0.00
NGRID_A2_DSASP 323793	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.24 -0.74 -3.58	23.14 -0.47 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.76 -0.64 -4.87	30.82 -1.14 -2.00	29.68 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.65	19.84 -0.37 -2.60	22.67 -0.27 0.00

NGRID_A4_DSASP 323807	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.24 -0.74 -3.58	23.14 -0.47 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.76 -0.64 -4.87	30.82 -1.14 -2.00	29.68 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.65	19.84 -0.37 -2.60	22.67 -0.27 0.00
NIAGARA_115E_LBMP 323715	10.51 0.11 -4.50	9.66 0.08 -4.29	9.02 -0.02 -4.06	8.84 0.01 -4.08	9.12 0.02 -4.19	10.38 0.13 -4.56	17.69 0.03 -4.19	25.25 -0.72 -3.57	23.16 -0.45 -4.03	22.61 -0.64 -2.75	26.00 -1.08 -1.33	26.31 -0.88 -1.22	23.75 -0.48 -2.30	22.11 -0.43 -3.16	21.37 -0.37 -3.30	21.86 -0.36 -3.04	21.98 -0.40 -3.17	24.83 -0.55 -4.86	30.91 -1.05 -1.99	29.74 -1.09 -1.32	26.19 -0.81 -0.77	24.78 -0.69 -0.65	19.85 -0.35 -2.59	22.74 -0.21 0.00
NIAGARA_115W_LBMP 323714	10.45 0.05 -4.50	9.60 0.02 -4.29	8.96 -0.08 -4.07	8.80 -0.04 -4.09	9.07 -0.04 -4.20	10.33 0.07 -4.56	17.61 -0.05 -4.20	25.19 -0.78 -3.58	23.08 -0.53 -4.04	22.53 -0.72 -2.75	25.90 -1.18 -1.33	26.21 -0.99 -1.22	23.67 -0.57 -2.30	22.04 -0.50 -3.16	21.31 -0.44 -3.30	21.78 -0.44 -3.05	21.91 -0.48 -3.18	24.69 -0.70 -4.87	30.76 -1.20 -1.99	29.59 -1.24 -1.32	26.08 -0.92 -0.77	24.68 -0.80 -0.65	19.78 -0.42 -2.60	22.62 -0.32 0.00
NIAGARA_230_LBMP 323716	10.51 0.13 -4.48	9.65 0.09 -4.27	9.01 -0.01 -4.05	8.84 0.02 -4.07	9.12 0.03 -4.18	10.38 0.14 -4.54	17.77 0.12 -4.18	25.47 -0.49 -3.56	23.34 -0.25 -4.02	22.79 -0.45 -2.74	26.25 -0.83 -1.32	26.54 -0.65 -1.22	23.94 -0.29 -2.29	22.28 -0.25 -3.15	21.53 -0.20 -3.29	22.00 -0.21 -3.03	22.14 -0.23 -3.16	25.00 -0.37 -4.85	31.14 -0.81 -1.99	30.00 -0.83 -1.32	26.42 -0.58 -0.76	25.00 -0.47 -0.65	20.00 -0.19 -2.58	22.94 0.00 0.00
NIAGARA__115KV_198_GIBSON 55903	10.45 0.05 -4.50	9.60 0.02 -4.29	8.96 -0.08 -4.07	8.80 -0.04 -4.09	9.07 -0.04 -4.20	10.33 0.07 -4.56	17.61 -0.05 -4.20	25.30 -0.67 -3.58	23.06 -0.55 -4.04	22.53 -0.72 -2.75	25.90 -1.18 -1.33	26.18 -1.01 -1.22	23.67 -0.57 -2.30	22.04 -0.50 -3.16	21.31 -0.44 -3.30	21.76 -0.46 -3.05	21.90 -0.48 -3.18	24.74 -0.68 -4.89	30.77 -1.20 -2.01	29.63 -1.21 -1.33	26.09 -0.92 -0.77	24.68 -0.79 -0.66	19.80 -0.42 -2.61	22.58 -0.37 0.00
NIAGARA____ 23760	10.53 0.13 -4.50	9.67 0.09 -4.29	9.03 -0.01 -4.07	8.86 0.02 -4.08	9.14 0.03 -4.19	10.40 0.14 -4.56	17.78 0.12 -4.20	25.48 -0.49 -3.57	23.35 -0.25 -4.03	22.79 -0.45 -2.75	26.25 -0.83 -1.32	26.54 -0.65 -1.22	23.95 -0.29 -2.30	22.29 -0.25 -3.15	21.54 -0.20 -3.30	22.01 -0.21 -3.04	22.15 -0.23 -3.17	25.01 -0.37 -4.86	31.15 -0.81 -1.99	30.00 -0.83 -1.32	26.42 -0.58 -0.77	25.00 -0.47 -0.65	20.01 -0.19 -2.59	22.94 0.00 0.00
NINE_MILE_1 23575	8.24 -0.08 -2.43	7.52 -0.08 -2.31	7.08 -0.09 -2.19	6.87 -0.08 -2.20	7.09 -0.08 -2.26	8.08 -0.07 -2.46	15.54 -0.19 -2.26	23.97 -0.36 -1.93	21.43 -0.31 -2.18	21.63 -0.35 -1.48	26.01 -0.46 -0.72	26.16 -0.47 -0.66	22.81 -0.37 -1.24	20.76 -0.33 -1.70	19.89 -0.33 -1.78	20.45 -0.36 -1.64	20.55 -0.37 -1.71	22.75 -0.43 -2.66	30.43 -0.63 -1.09	29.58 -0.65 -0.72	26.08 -0.58 -0.42	24.66 -0.52 -0.36	18.73 -0.30 -1.42	22.55 -0.39 0.00
NINE_MILE_2 23744	8.23 -0.08 -2.41	7.51 -0.08 -2.30	7.07 -0.09 -2.18	6.86 -0.08 -2.19	7.08 -0.08 -2.25	8.07 -0.07 -2.45	15.53 -0.19 -2.25	23.94 -0.38 -1.92	21.42 -0.31 -2.17	21.62 -0.35 -1.48	26.00 -0.46 -0.71	26.16 -0.47 -0.66	22.80 -0.37 -1.23	20.75 -0.33 -1.69	19.89 -0.33 -1.77	20.45 -0.36 -1.63	20.55 -0.37 -1.70	22.74 -0.43 -2.65	30.42 -0.63 -1.09	29.58 -0.65 -0.72	26.07 -0.58 -0.42	24.65 -0.52 -0.36	18.72 -0.30 -1.41	22.55 -0.39 0.00
NM_CAPITAL____DRP 24208	25.31 0.17 -19.24	23.79 0.15 -18.35	22.50 0.14 -17.39	22.34 0.13 -17.46	22.99 0.15 -17.93	25.38 0.19 -19.49	31.88 0.47 -17.94	38.49 0.81 -15.29	37.53 0.70 -17.26	33.00 0.74 -11.77	32.33 0.90 -5.67	32.11 0.91 -5.23	32.56 0.79 -9.83	33.56 0.68 -13.50	33.24 0.68 -14.11	32.90 0.71 -13.02	33.49 0.71 -13.57	42.20 0.78 -20.90	39.67 1.14 -8.56	36.29 1.09 -5.69	30.47 0.94 -3.30	28.50 0.87 -2.81	29.24 0.49 -11.14	23.61 0.67 0.00
NM_CENTRAL____DRP 24181	9.40 0.09 -3.42	8.62 0.07 -3.26	8.11 0.04 -3.09	7.90 0.05 -3.10	8.15 0.05 -3.18	9.26 0.10 -3.46	16.87 0.22 -3.19	25.47 0.36 -2.71	22.95 0.31 -3.07	22.87 0.29 -2.09	27.10 0.33 -1.01	27.26 0.36 -0.93	23.99 0.31 -1.75	22.05 0.27 -2.40	21.19 0.24 -2.51	21.72 0.23 -2.31	21.85 0.23 -2.41	24.38 0.14 -3.71	31.67 0.18 -1.52	30.67 0.15 -1.01	26.95 0.13 -0.59	25.44 0.12 -0.50	19.71 0.12 -1.98	23.10 0.16 0.00
NM_FRONTIER____DRP 24179	10.45 0.05 -4.50	9.60 0.02 -4.29	8.96 -0.08 -4.07	8.80 -0.04 -4.09	9.07 -0.04 -4.20	10.33 0.07 -4.56	17.61 -0.05 -4.20	25.30 -0.67 -3.58	23.06 -0.55 -4.04	22.53 -0.72 -2.75	25.90 -1.18 -1.33	26.18 -1.01 -1.22	23.67 -0.57 -2.30	22.04 -0.50 -3.16	21.31 -0.44 -3.30	21.76 -0.46 -3.05	21.90 -0.48 -3.18	24.74 -0.68 -4.89	30.77 -1.20 -2.01	29.63 -1.21 -1.33	26.09 -0.92 -0.77	24.68 -0.79 -0.66	19.80 -0.42 -2.61	22.58 -0.37 0.00
NM_ST_REGIS____HYD 24053	6.22 -0.16 -0.49	5.63 -0.12 -0.46	5.31 -0.10 -0.44	5.08 -0.11 -0.44	5.25 -0.12 -0.45	6.03 -0.16 -0.49	13.50 -0.42 -0.45	22.07 -0.72 -0.39	19.36 -0.65 -0.44	20.20 -0.59 -0.30	25.25 -0.64 -0.14	25.27 -0.83 -0.13	21.27 -0.92 -0.25	18.89 -0.83 -0.34	18.01 -0.79 -0.36	18.68 -0.82 -0.33	18.65 -0.90 -0.34	20.17 -0.88 -0.53	28.98 -1.20 -0.22	28.53 -1.12 -0.14	25.42 -0.89 -0.08	24.25 -0.65 -0.07	17.54 -0.35 -0.28	22.42 -0.53 0.00
NORTHPORT____1 23551	22.99 0.56 -16.54	20.92 0.50 -15.14	19.75 0.44 -14.33	19.57 0.42 -14.40	20.13 0.43 -14.79	22.30 0.52 -16.08	35.36 1.23 -20.67	37.25 2.06 -12.79	35.94 1.82 -14.54	35.26 1.95 -12.82	32.27 2.22 -4.30	32.23 2.26 -4.00	31.74 1.95 -7.85	32.06 1.78 -10.90	31.77 1.75 -11.57	31.78 1.84 -10.76	31.78 1.83 -10.75	38.81 1.66 -16.63	39.16 2.64 -6.55	35.98 2.57 -3.90	31.95 2.36 -3.36	31.29 2.11 -4.36	30.33 1.57 -11.15	28.27 2.04 -3.29
NORTHPORT____2 23552	22.99 0.56 -16.54	20.92 0.50 -15.14	19.75 0.44 -14.33	19.57 0.42 -14.40	20.13 0.43 -14.79	22.30 0.52 -16.08	35.36 1.23 -20.67	37.25 2.06 -12.79	35.94 1.82 -14.54	35.26 1.95 -12.82	32.27 2.22 -4.30	32.23 2.26 -4.00	31.74 1.95 -7.85	32.06 1.78 -10.90	31.77 1.75 -11.57	31.78 1.84 -10.76	31.78 1.83 -10.75	38.81 1.66 -16.63	39.16 2.64 -6.55	35.98 2.57 -3.90	31.95 2.36 -3.36	31.29 2.11 -4.36	30.33 1.57 -11.15	28.27 2.04 -3.29
NORTHPORT____3 23553	22.95 0.52 -16.54	20.89 0.47 -15.14	19.72 0.41 -14.33	19.55 0.40 -14.40	20.11 0.40 -14.79	22.26 0.48 -16.08	35.50 1.41 -20.62	36.86 2.44 -12.02	36.11 2.13 -14.40	35.50 2.19 -12.81	32.49 2.45 -4.29	32.40 2.44 -3.99	31.88 2.11 -7.84	32.15 1.88 -10.89	31.87 1.86 -11.56	31.87 1.94 -10.76	31.87 1.92 -10.74	39.01 1.87 -16.62	39.48 2.97 -6.55	36.32 2.92 -3.89	32.15 2.57 -3.35	31.56 2.38 -4.35	30.43 1.67 -11.15	28.45 2.22 -3.28

NORTHPORT___4 23650	22.95 0.52 -16.54	20.89 0.47 -15.14	19.72 0.41 -14.33	19.55 0.40 -14.40	20.11 0.40 -14.79	22.26 0.48 -16.08	35.50 1.41 -20.62	36.86 2.44 -12.02	36.11 2.13 -14.40	35.50 2.19 -12.81	32.49 2.45 -4.29	32.40 2.44 -3.99	31.88 2.11 -7.84	32.15 1.88 -10.89	31.87 1.86 -11.56	31.87 1.94 -10.76	31.87 1.92 -10.74	39.01 1.87 -16.62	39.48 2.97 -6.55	36.32 2.92 -3.89	32.15 2.57 -3.35	31.56 2.38 -4.35	30.43 1.67 -11.15	28.45 2.22 -3.28
NORTHPORT___IC 23718	22.99 0.56 -16.54	20.92 0.50 -15.14	19.75 0.44 -14.33	19.57 0.42 -14.40	20.13 0.43 -14.79	22.30 0.52 -16.08	35.36 1.23 -20.67	37.25 2.06 -12.79	35.94 1.82 -14.54	35.26 1.95 -12.82	32.27 2.22 -4.30	32.23 2.26 -4.00	31.74 1.95 -7.85	32.06 1.78 -10.90	31.77 1.75 -11.57	31.78 1.84 -10.76	31.78 1.83 -10.75	38.81 1.66 -16.63	39.16 2.64 -6.55	35.98 2.57 -3.90	31.95 2.36 -3.36	31.29 2.11 -4.36	30.33 1.57 -11.15	28.27 2.04 -3.29
NORTH___COUNTRY_ESR 323785	5.70 -0.19 0.00	5.13 -0.16 0.00	4.83 -0.14 0.00	4.58 -0.17 0.00	4.74 -0.17 0.00	5.49 -0.21 0.00	12.97 -0.50 0.00	21.53 -0.87 0.00	18.77 -0.80 0.00	19.74 -0.76 0.00	25.09 -0.67 0.00	25.24 -0.73 0.00	21.22 -0.72 0.00	18.71 -0.68 0.00	17.80 -0.65 0.00	18.56 -0.61 0.00	18.61 -0.60 0.00	20.03 -0.49 0.00	29.31 -0.66 0.00	28.80 -0.71 0.00	25.66 -0.58 0.00	24.22 -0.60 0.00	17.27 -0.34 0.00	22.44 -0.50 0.00
NPX_GEN_1385_PROXY 323591	22.98 0.55 -16.54	20.91 0.49 -15.14	19.71 0.40 -14.33	19.53 0.38 -14.40	20.09 0.39 -14.79	22.25 0.47 -16.08	35.13 1.00 -20.67	38.42 1.75 -14.28	34.20 1.55 -13.08	34.66 1.37 -12.80	31.55 1.49 -4.30	31.50 1.53 -4.00	31.12 1.34 -7.85	31.54 1.26 -10.90	31.33 1.31 -11.57	31.30 1.36 -10.76	31.44 1.48 -10.75	35.80 1.44 -13.84	41.46 2.16 -9.34	35.98 2.10 -4.38	31.00 1.89 -2.88	30.70 1.51 -4.36	30.09 1.32 -11.15	27.81 1.58 -3.29
NPX_GEN_CSC 323557	23.15 0.72 -16.54	21.06 0.63 -15.14	19.87 0.56 -14.33	19.69 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.06 1.74 -24.85	46.14 2.98 -20.76	42.95 2.62 -20.75	44.83 2.75 -21.58	66.14 3.25 -37.14	60.86 3.30 -31.59	55.38 2.83 -30.61	53.60 2.54 -31.67	55.31 2.49 -34.37	57.37 2.59 -35.61	75.29 2.59 -53.49	88.60 2.52 -65.56	86.96 3.92 -53.07	105.12 3.83 -71.78	47.27 3.44 -17.60	46.79 3.10 -18.86	48.04 2.22 -28.21	29.21 2.84 -3.42
NSINS_S_GLNS_FALLS 23858	25.87 0.29 -19.69	24.31 0.24 -18.78	22.99 0.22 -17.79	22.83 0.21 -17.86	23.49 0.23 -18.35	25.94 0.29 -19.95	32.64 0.81 -18.36	39.45 1.41 -15.64	38.52 1.29 -17.66	33.95 1.41 -12.04	33.23 1.67 -5.80	33.01 1.69 -5.36	33.40 1.40 -10.06	34.34 1.14 -13.82	33.97 1.09 -14.44	33.67 1.17 -13.32	34.28 1.19 -13.88	43.25 1.33 -21.39	40.71 1.98 -8.76	37.27 1.95 -5.82	31.29 1.68 -3.37	29.16 1.46 -2.88	29.91 0.90 -11.40	24.14 1.19 0.00
NUCOR_STEEL___DRP 24197	10.18 0.21 -4.07	9.35 0.17 -3.88	8.79 0.13 -3.68	8.58 0.13 -3.69	8.86 0.15 -3.80	10.05 0.22 -4.13	17.78 0.51 -3.80	26.51 0.87 -3.24	23.99 0.76 -3.65	23.74 0.76 -2.49	27.86 0.90 -1.20	27.99 0.91 -1.11	24.79 0.77 -2.08	22.94 0.70 -2.86	22.08 0.65 -2.99	22.59 0.65 -2.76	22.75 0.67 -2.87	25.58 0.64 -4.43	32.71 0.93 -1.81	31.54 0.83 -1.20	27.67 0.73 -0.70	26.09 0.67 -0.60	20.44 0.48 -2.36	23.59 0.64 0.00
NUMBER_THREE_WT_PWR 323818	7.21 0.02 -1.29	6.53 0.02 -1.23	6.16 0.01 -1.17	5.94 0.02 -1.17	6.14 0.02 -1.20	7.04 0.03 -1.31	14.80 0.13 -1.20	23.71 0.29 -1.03	20.91 0.18 -1.16	21.49 0.20 -0.79	26.34 0.21 -0.38	26.43 0.10 -0.35	22.62 0.02 -0.66	20.27 -0.02 -0.91	19.36 -0.04 -0.95	20.01 -0.04 -0.87	20.08 -0.04 -0.91	21.81 -0.02 -1.31	30.56 0.06 -0.54	30.01 0.15 -0.36	26.57 0.13 -0.21	25.17 0.17 -0.18	18.43 0.12 -0.70	23.06 0.12 0.00
NYISO_LBMP_REFERENCE 24008	5.90 0.00 0.00	5.29 0.00 0.00	4.97 0.00 0.00	4.75 0.00 0.00	4.91 0.00 0.00	5.70 0.00 0.00	13.47 0.00 0.00	22.40 0.00 0.00	19.57 0.00 0.00	20.50 0.00 0.00	25.76 0.00 0.00	25.97 0.00 0.00	21.94 0.00 0.00	19.38 0.00 0.00	18.45 0.00 0.00	19.18 0.00 0.00	19.21 0.00 0.00	20.52 0.00 0.00	29.97 0.00 0.00	29.51 0.00 0.00	26.23 0.00 0.00	24.82 0.00 0.00	17.61 0.00 0.00	22.94 0.00 0.00
NYPA_BRENTWD___GT 24164	23.07 0.64 -16.54	20.98 0.56 -15.14	19.80 0.50 -14.33	19.63 0.48 -14.40	20.20 0.49 -14.79	22.37 0.59 -16.08	36.46 1.49 -21.49	38.98 2.57 -14.00	37.88 2.25 -16.05	37.82 2.38 -14.94	40.82 2.81 -12.25	39.46 2.81 -10.68	37.73 2.44 -13.36	37.50 2.19 -15.93	37.70 2.16 -17.09	38.20 2.24 -16.78	42.56 2.25 -21.10	51.66 1.99 -29.15	50.23 3.12 -17.15	52.78 3.04 -20.23	36.09 2.94 -6.92	35.32 2.63 -7.87	34.80 1.90 -15.28	28.69 2.43 -3.32
NYPA_GOWANUS___GT5 24156	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NYPA_GOWANUS___GT6 24157	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.07 0.31 -16.06	29.20 0.90 -14.83	36.67 1.68 -12.59	35.33 1.53 -14.23	31.81 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.97 1.58 -11.19	39.45 1.70 -17.23	39.51 2.49 -7.06	36.58 2.39 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.96 1.13 -9.23	24.50 1.49 -0.06
NYPA_HARLEM__RVR_GT1 24160	22.07 0.31 -15.86	20.80 0.38 -15.13	19.65 0.34 -14.34	19.46 0.32 -14.40	20.00 0.31 -14.78	22.05 0.29 -16.06	29.08 0.82 -14.80	36.60 1.61 -12.59	35.14 1.35 -14.22	31.66 1.46 -9.71	32.28 1.86 -4.67	32.15 1.87 -4.31	31.66 1.62 -8.10	31.98 1.47 -11.12	31.53 1.46 -11.62	31.40 1.50 -10.73	31.81 1.42 -11.18	39.26 1.52 -17.22	39.23 2.22 -7.05	36.34 2.15 -4.68	30.82 1.86 -2.72	28.75 1.61 -2.32	27.86 1.06 -9.19	24.40 1.35 -0.10
NYPA_HARLEM__RVR_GT2 24161	22.07 0.31 -15.86	20.80 0.38 -15.13	19.65 0.34 -14.34	19.46 0.32 -14.40	20.00 0.31 -14.78	22.05 0.29 -16.06	29.08 0.82 -14.80	36.60 1.61 -12.59	35.14 1.35 -14.22	31.66 1.46 -9.71	32.28 1.86 -4.67	32.15 1.87 -4.31	31.66 1.62 -8.10	31.98 1.47 -11.12	31.53 1.46 -11.62	31.40 1.50 -10.73	31.81 1.42 -11.18	39.26 1.52 -17.22	39.23 2.22 -7.05	36.34 2.15 -4.68	30.82 1.86 -2.72	28.75 1.61 -2.32	27.86 1.06 -9.19	24.40 1.35 -0.10
NYPA_KENT___GT 24152	22.12 0.35 -15.87	20.78 0.36 -15.13	19.63 0.32 -14.33	19.44 0.30 -14.39	19.99 0.29 -14.78	22.07 0.31 -16.06	29.17 0.87 -14.83	36.65 1.66 -12.59	35.31 1.51 -14.23	31.80 1.54 -9.76	32.49 2.06 -4.68	32.36 2.08 -4.31	31.82 1.78 -8.10	32.12 1.61 -11.13	31.63 1.55 -11.63	31.50 1.59 -10.74	31.93 1.54 -11.19	39.41 1.66 -17.23	39.45 2.43 -7.06	36.52 2.33 -4.69	30.93 1.97 -2.73	28.86 1.71 -2.33	27.93 1.09 -9.23	24.45 1.45 -0.06

NYPA_POUCH1____GT 24155	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.34 -14.33	19.45 0.31 -14.39	20.00 0.30 -14.78	22.08 0.32 -16.06	29.21 0.92 -14.83	36.69 1.70 -12.59	35.34 1.55 -14.23	31.86 1.60 -9.76	32.57 2.14 -4.68	32.44 2.15 -4.31	31.91 1.86 -8.10	32.18 1.67 -11.13	31.68 1.60 -11.63	31.56 1.65 -10.74	32.01 1.61 -11.19	39.49 1.74 -17.23	39.54 2.52 -7.06	36.61 2.42 -4.69	31.01 2.05 -2.73	28.94 1.79 -2.33	27.98 1.14 -9.23	24.52 1.51 -0.06
NYPA_VERNON____GT2 24162	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.07 0.31 -16.06	29.14 0.85 -14.83	36.65 1.66 -12.59	35.28 1.49 -14.23	31.75 1.50 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.89 1.50 -11.19	39.37 1.62 -17.23	39.39 2.37 -7.06	36.47 2.27 -4.69	30.88 1.91 -2.73	28.81 1.66 -2.33	27.89 1.06 -9.23	24.41 1.40 -0.06
NYPA_VERNON____GT3 24163	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.07 0.31 -16.06	29.14 0.85 -14.83	36.65 1.66 -12.59	35.28 1.49 -14.23	31.75 1.50 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.89 1.50 -11.19	39.37 1.62 -17.23	39.39 2.37 -7.06	36.47 2.27 -4.69	30.88 1.91 -2.73	28.81 1.66 -2.33	27.89 1.06 -9.23	24.41 1.40 -0.06
NYPA____ASTORIA_CC1 323568	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.06 0.30 -16.06	29.12 0.82 -14.83	36.60 1.61 -12.59	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.76 1.71 -8.10	32.04 1.53 -11.13	31.57 1.49 -11.63	31.43 1.51 -10.74	31.87 1.48 -11.19	39.33 1.58 -17.23	39.33 2.31 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.86 1.02 -9.23	24.36 1.35 -0.06
NYPA____ASTORIA_CC2 323569	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.44 0.30 -14.39	19.98 0.29 -14.78	22.06 0.30 -16.06	29.12 0.82 -14.83	36.60 1.61 -12.59	35.25 1.45 -14.23	31.73 1.48 -9.76	32.39 1.96 -4.68	32.28 2.00 -4.31	31.76 1.71 -8.10	32.04 1.53 -11.13	31.57 1.49 -11.63	31.43 1.51 -10.74	31.87 1.48 -11.19	39.33 1.58 -17.23	39.33 2.31 -7.06	36.41 2.21 -4.69	30.83 1.86 -2.73	28.76 1.61 -2.33	27.86 1.02 -9.23	24.36 1.35 -0.06
NYPA____HOLTSVILL 23794	23.08 0.65 -16.54	20.99 0.57 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.79 1.55 -24.78	44.19 2.64 -19.15	43.95 2.31 -22.07	44.61 2.42 -21.69	66.05 2.83 -37.47	60.69 2.86 -31.87	55.25 2.48 -30.84	53.49 2.23 -31.88	55.22 2.18 -34.60	57.29 2.26 -35.85	75.38 2.27 -53.91	91.55 2.17 -68.85	84.07 3.39 -50.72	104.81 3.33 -71.97	47.45 2.99 -18.23	46.53 2.71 -19.01	47.94 1.95 -28.38	28.89 2.52 -3.42
NYPA____HELLGATE_GT1 24158	22.07 0.31 -15.86	20.80 0.38 -15.13	19.65 0.34 -14.34	19.46 0.32 -14.40	20.00 0.31 -14.78	22.05 0.29 -16.06	29.08 0.82 -14.80	36.60 1.61 -12.59	35.14 1.35 -14.22	31.66 1.46 -9.71	32.28 1.86 -4.67	32.15 1.87 -4.31	31.66 1.62 -8.10	31.98 1.47 -11.12	31.53 1.46 -11.62	31.40 1.50 -10.73	31.79 1.40 -11.18	39.24 1.50 -17.22	39.20 2.19 -7.05	36.31 2.13 -4.68	30.82 1.86 -2.73	28.75 1.61 -2.32	27.91 1.06 -9.25	24.31 1.35 -0.01
NYPA____HELLGATE_GT2 24159	22.07 0.31 -15.86	20.80 0.38 -15.13	19.65 0.34 -14.34	19.46 0.32 -14.40	20.00 0.31 -14.78	22.05 0.29 -16.06	29.08 0.82 -14.80	36.60 1.61 -12.59	35.14 1.35 -14.22	31.66 1.46 -9.71	32.28 1.86 -4.67	32.15 1.87 -4.31	31.66 1.62 -8.10	31.98 1.47 -11.12	31.53 1.46 -11.62	31.40 1.50 -10.73	31.79 1.40 -11.18	39.24 1.50 -17.22	39.20 2.19 -7.05	36.31 2.13 -4.68	30.82 1.86 -2.73	28.75 1.61 -2.32	27.91 1.06 -9.25	24.31 1.35 -0.01
NYS_BARGE____HYD 23848	10.49 0.18 -4.42	9.64 0.14 -4.21	9.00 0.03 -3.99	8.82 0.06 -4.01	9.10 0.07 -4.12	10.37 0.19 -4.48	17.79 0.20 -4.12	25.57 -0.34 -3.51	23.40 -0.14 -3.96	22.91 -0.29 -2.70	26.41 -0.64 -1.30	26.70 -0.47 -1.20	24.09 -0.11 -2.26	22.39 -0.10 -3.10	21.63 -0.06 -3.24	22.11 -0.06 -2.99	22.25 -0.08 -3.12	25.09 -0.21 -4.78	31.41 -0.51 -1.96	30.24 -0.56 -1.30	26.62 -0.37 -0.75	25.17 -0.30 -0.64	20.07 -0.09 -2.55	23.11 0.16 0.00
OAK ORCHARD____HYD 24046	10.00 0.17 -3.93	9.18 0.14 -3.75	8.60 0.07 -3.56	8.40 0.09 -3.57	8.67 0.09 -3.67	9.87 0.18 -3.99	17.50 0.36 -3.67	25.88 0.36 -3.13	23.51 0.41 -3.53	23.27 0.37 -2.41	27.23 0.31 -1.16	27.45 0.41 -1.07	24.46 0.51 -2.01	22.63 0.48 -2.76	21.77 0.44 -2.88	22.30 0.46 -2.66	22.41 0.42 -2.77	25.16 0.39 -4.25	32.22 0.51 -1.74	31.08 0.41 -1.16	27.30 0.39 -0.67	25.74 0.35 -0.57	20.17 0.30 -2.27	23.24 0.30 0.00
OAKDALE__35_KV_LOAD 356122	13.22 0.20 -7.13	12.25 0.16 -6.80	11.54 0.12 -6.44	11.34 0.13 -6.46	11.69 0.14 -6.64	13.12 0.21 -7.22	20.56 0.44 -6.65	28.73 0.67 -5.66	26.57 0.61 -6.39	25.41 0.55 -4.36	28.47 0.62 -2.10	28.58 0.68 -1.94	26.17 0.59 -3.64	24.91 0.52 -5.00	24.19 0.52 -5.22	24.54 0.54 -4.82	24.79 0.56 -5.02	28.82 0.55 -7.74	33.92 0.78 -3.17	32.38 0.77 -2.11	28.11 0.66 -1.22	26.48 0.62 -1.04	22.16 0.42 -4.13	23.65 0.71 0.00
OCC_CHEM____DRP 24175	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.35 -0.63 -3.58	23.10 -0.51 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.80 -0.62 -4.90	30.86 -1.11 -2.01	29.69 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.66	19.85 -0.37 -2.61	22.62 -0.32 0.00
OH_GEN_PROXY 24063	10.51 0.13 -4.48	9.65 0.09 -4.28	9.02 0.00 -4.05	8.85 0.03 -4.07	9.12 0.03 -4.18	10.38 0.14 -4.54	17.78 0.13 -4.18	27.00 -0.45 -5.05	21.91 -0.21 -2.56	22.81 -0.41 -2.72	26.31 -0.77 -1.32	26.59 -0.60 -1.22	23.97 -0.26 -2.29	22.32 -0.21 -3.15	21.57 -0.17 -3.29	22.04 -0.17 -3.03	22.18 -0.19 -3.16	22.26 -0.33 -2.07	34.02 -0.72 -4.77	30.54 -0.77 -1.80	26.00 -0.52 -0.29	25.05 -0.42 -0.65	20.02 -0.18 -2.58	22.97 0.02 0.00
OLIN_CORP_DRP 24177	10.54 0.12 -4.51	9.68 0.09 -4.31	9.04 -0.01 -4.08	8.86 0.02 -4.10	9.15 0.02 -4.21	10.41 0.14 -4.57	17.73 0.05 -4.21	25.45 -0.54 -3.59	23.19 -0.43 -4.05	22.66 -0.59 -2.76	26.08 -1.00 -1.33	26.37 -0.83 -1.23	23.81 -0.44 -2.31	22.16 -0.39 -3.17	21.44 -0.31 -3.31	21.91 -0.33 -3.05	22.05 -0.35 -3.18	24.94 -0.49 -4.91	30.99 -0.99 -2.01	29.84 -1.00 -1.33	26.25 -0.76 -0.77	24.86 -0.62 -0.66	19.91 -0.32 -2.62	22.74 -0.21 0.00
OLIN_CORP_DSASP 323712	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.24 -0.74 -3.58	23.14 -0.47 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.76 -0.64 -4.87	30.82 -1.14 -2.00	29.68 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.65	19.84 -0.37 -2.60	22.67 -0.27 0.00

ONEIDA_HERK_LFGE 323681	7.02 0.08 -1.05	6.35 0.06 -1.00	5.98 0.05 -0.95	5.76 0.06 -0.95	5.96 0.06 -0.98	6.84 0.08 -1.06	14.66 0.21 -0.98	23.64 0.40 -0.83	20.83 0.31 -0.94	21.49 0.35 -0.64	26.45 0.39 -0.31	26.59 0.34 -0.29	22.74 0.26 -0.54	20.31 0.19 -0.74	19.40 0.18 -0.77	20.08 0.19 -0.71	20.14 0.19 -0.74	21.87 0.27 -1.09	30.83 0.42 -0.45	30.27 0.47 -0.30	26.82 0.42 -0.17	25.39 0.42 -0.15	18.47 0.28 -0.58	23.31 0.37 0.00
ONEIDA___115KV_TB4 55905	7.78 0.17 -1.72	7.07 0.14 -1.64	6.65 0.12 -1.55	6.43 0.13 -1.56	6.65 0.13 -1.60	7.61 0.18 -1.74	15.48 0.42 -1.60	24.50 0.74 -1.36	21.74 0.63 -1.54	22.18 0.64 -1.05	27.01 0.75 -0.51	27.16 0.73 -0.47	23.45 0.64 -0.88	21.09 0.50 -1.20	20.20 0.50 -1.26	20.86 0.52 -1.16	20.94 0.52 -1.21	23.00 0.62 -1.87	31.66 0.93 -0.76	30.96 0.94 -0.51	27.34 0.81 -0.29	25.84 0.77 -0.25	19.11 0.51 -0.99	23.61 0.67 0.00
ONONDAGA_REF_OCCRA 23987	9.79 0.12 -3.77	8.98 0.09 -3.60	8.45 0.06 -3.41	8.24 0.07 -3.42	8.51 0.07 -3.52	9.65 0.13 -3.82	17.27 0.28 -3.52	25.87 0.47 -3.00	23.37 0.41 -3.39	23.21 0.41 -2.31	27.33 0.46 -1.11	27.49 0.49 -1.03	24.29 0.42 -1.93	22.40 0.37 -2.65	21.55 0.33 -2.77	22.06 0.33 -2.55	22.22 0.35 -2.66	24.89 0.27 -4.10	32.04 0.39 -1.68	30.98 0.35 -1.12	27.19 0.31 -0.65	25.65 0.27 -0.55	20.01 0.21 -2.19	23.24 0.30 0.00
ONONDAGA___COGEN 23986	9.80 0.17 -3.74	8.98 0.13 -3.56	8.46 0.10 -3.38	8.24 0.10 -3.39	8.51 0.11 -3.48	9.65 0.17 -3.79	17.33 0.38 -3.48	26.04 0.67 -2.97	23.49 0.57 -3.35	23.35 0.57 -2.28	27.53 0.67 -1.10	27.69 0.70 -1.02	24.42 0.57 -1.91	22.51 0.50 -2.62	21.65 0.46 -2.74	22.17 0.46 -2.53	22.31 0.46 -2.64	24.91 0.33 -4.06	32.08 0.45 -1.66	31.03 0.41 -1.10	27.24 0.37 -0.64	25.71 0.35 -0.55	20.04 0.26 -2.16	23.29 0.34 0.00
ONTARIO___LFGE 23819	10.47 0.23 -4.35	9.62 0.18 -4.15	9.03 0.13 -3.93	8.83 0.13 -3.94	9.11 0.15 -4.05	10.35 0.25 -4.40	18.04 0.52 -4.05	26.68 0.83 -3.45	24.23 0.76 -3.90	23.85 0.70 -2.66	27.81 0.77 -1.28	27.98 0.83 -1.18	24.91 0.75 -2.22	23.09 0.66 -3.05	22.26 0.63 -3.19	22.77 0.65 -2.94	22.95 0.67 -3.07	25.88 0.68 -4.68	32.87 0.99 -1.92	31.66 0.88 -1.27	27.73 0.76 -0.74	26.12 0.67 -0.63	20.58 0.48 -2.49	23.72 0.78 0.00
ORANGEVILLE_WT_PWR 323706	11.03 0.15 -4.98	10.15 0.11 -4.75	9.49 0.02 -4.50	9.32 0.05 -4.52	9.61 0.05 -4.64	10.92 0.18 -5.05	18.37 0.26 -4.65	26.31 -0.04 -3.96	24.12 0.08 -4.47	23.46 -0.08 -3.05	26.89 -0.34 -1.47	27.20 -0.13 -1.35	24.60 0.11 -2.54	22.96 0.08 -3.50	22.23 0.13 -3.65	22.70 0.15 -3.37	22.89 0.17 -3.51	26.03 0.12 -5.39	32.20 0.03 -2.21	30.97 0.00 -1.47	27.16 0.08 -0.85	25.64 0.10 -0.72	20.62 0.14 -2.87	23.54 0.60 0.00
ORANGEVILLE___ESR 323794	11.03 0.15 -4.98	10.15 0.11 -4.75	9.49 0.02 -4.50	9.32 0.05 -4.52	9.61 0.05 -4.64	10.92 0.18 -5.05	18.37 0.26 -4.65	26.31 -0.04 -3.96	24.12 0.08 -4.47	23.46 -0.08 -3.05	26.89 -0.34 -1.47	27.20 -0.13 -1.35	24.60 0.11 -2.54	22.96 0.08 -3.50	22.23 0.13 -3.65	22.70 0.15 -3.37	22.89 0.17 -3.51	26.03 0.12 -5.39	32.20 0.03 -2.21	30.97 0.00 -1.47	27.16 0.08 -0.85	25.64 0.10 -0.72	20.62 0.14 -2.87	23.54 0.60 0.00
OSWEGATCHIE___HYD 24044	6.78 -0.09 -0.98	6.14 -0.08 -0.93	5.79 -0.06 -0.88	5.57 -0.07 -0.89	5.76 -0.07 -0.91	6.60 -0.09 -0.99	14.19 -0.19 -0.91	22.91 -0.27 -0.78	20.16 -0.29 -0.88	20.83 -0.27 -0.60	25.74 -0.31 -0.29	25.74 -0.49 -0.27	21.87 -0.57 -0.50	19.53 -0.54 -0.69	18.65 -0.52 -0.72	19.28 -0.56 -0.66	19.30 -0.60 -0.69	20.89 -0.62 -0.99	29.56 -0.81 -0.40	29.07 -0.71 -0.27	25.81 -0.58 -0.16	24.58 -0.37 -0.13	17.92 -0.21 -0.53	22.60 -0.34 0.00
OSWEGO___5 23606	8.21 -0.06 -2.37	7.49 -0.06 -2.26	7.05 -0.07 -2.14	6.84 -0.06 -2.15	7.06 -0.06 -2.21	8.05 -0.05 -2.40	15.53 -0.15 -2.21	23.99 -0.29 -1.88	21.44 -0.25 -2.13	21.68 -0.27 -1.45	26.09 -0.36 -0.70	26.25 -0.36 -0.65	22.87 -0.29 -1.21	20.80 -0.25 -1.66	19.93 -0.26 -1.74	20.50 -0.29 -1.60	20.59 -0.29 -1.67	22.84 -0.33 -2.65	30.57 -0.48 -1.08	29.73 -0.50 -0.72	26.20 -0.45 -0.42	24.78 -0.40 -0.36	18.79 -0.23 -1.41	22.64 -0.30 0.00
OSWEGO___6 23613	8.21 -0.06 -2.37	7.49 -0.06 -2.26	7.05 -0.07 -2.14	6.84 -0.06 -2.15	7.06 -0.06 -2.21	8.05 -0.05 -2.40	15.53 -0.15 -2.21	23.99 -0.29 -1.88	21.44 -0.25 -2.13	21.68 -0.27 -1.45	26.09 -0.36 -0.70	26.25 -0.36 -0.65	22.87 -0.29 -1.21	20.80 -0.25 -1.66	19.93 -0.26 -1.74	20.50 -0.29 -1.60	20.59 -0.29 -1.67	22.84 -0.33 -2.65	30.57 -0.48 -1.08	29.73 -0.50 -0.72	26.20 -0.45 -0.42	24.78 -0.40 -0.36	18.79 -0.23 -1.41	22.64 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	10.61 0.18 -4.53	9.75 0.14 -4.32	9.10 0.03 -4.10	8.92 0.06 -4.11	9.21 0.07 -4.22	10.49 0.20 -4.59	17.92 0.23 -4.23	25.84 -0.16 -3.60	23.56 -0.08 -4.07	23.06 -0.20 -2.77	26.55 -0.54 -1.34	26.87 -0.34 -1.23	24.26 0.00 -2.32	22.56 0.00 -3.18	21.81 0.04 -3.32	22.28 0.04 -3.07	22.42 0.02 -3.20	25.35 -0.10 -4.93	31.62 -0.36 -2.02	30.43 -0.41 -1.34	26.77 -0.24 -0.78	25.33 -0.15 -0.66	20.24 0.00 -2.63	23.22 0.28 0.00
OXBOW___ 24026	10.55 0.14 -4.52	9.69 0.10 -4.31	9.05 -0.01 -4.08	8.87 0.02 -4.10	9.16 0.03 -4.21	10.43 0.15 -4.58	17.82 0.13 -4.21	25.54 -0.45 -3.59	23.41 -0.21 -4.05	22.87 -0.39 -2.76	26.32 -0.77 -1.33	26.63 -0.57 -1.23	24.05 -0.20 -2.31	22.38 -0.17 -3.17	21.63 -0.13 -3.31	22.10 -0.13 -3.06	22.24 -0.15 -3.19	25.08 -0.33 -4.89	31.28 -0.69 -2.00	30.13 -0.71 -1.33	26.50 -0.50 -0.77	25.11 -0.37 -0.66	20.07 -0.14 -2.60	23.04 0.09 0.00
OXY_CHEM_DSASP 323612	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.35 -0.63 -3.58	23.10 -0.51 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.80 -0.62 -4.90	30.86 -1.11 -2.01	29.69 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.66	19.85 -0.37 -2.61	22.62 -0.32 0.00
OZONE_PARK_ESR 323760	22.19 0.42 -15.87	20.80 0.39 -15.13	19.65 0.34 -14.33	19.46 0.32 -14.39	20.01 0.31 -14.78	22.13 0.36 -16.07	29.31 1.01 -14.84	36.93 1.93 -12.60	35.50 1.70 -14.23	31.98 1.72 -9.76	32.67 2.24 -4.68	32.57 2.29 -4.31	32.00 1.95 -8.10	32.28 1.76 -11.13	31.78 1.70 -11.63	31.66 1.75 -10.73	32.12 1.73 -11.19	39.58 1.83 -17.24	39.75 2.73 -7.06	36.85 2.66 -4.69	31.20 2.23 -2.73	29.11 1.96 -2.33	28.11 1.27 -9.23	24.66 1.65 -0.06
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.35 -0.63 -3.58	23.10 -0.51 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.80 -0.62 -4.90	30.86 -1.11 -2.01	29.69 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.66	19.85 -0.37 -2.61	22.62 -0.32 0.00

PACKARD__115KV_DUPONT_184 80571	10.47 0.06 -4.51	9.62 0.03 -4.30	8.98 -0.06 -4.07	8.81 -0.03 -4.09	9.09 -0.02 -4.20	10.35 0.09 -4.56	17.64 -0.03 -4.20	25.35 -0.63 -3.58	23.10 -0.51 -4.04	22.59 -0.66 -2.76	25.98 -1.11 -1.33	26.26 -0.93 -1.23	23.74 -0.50 -2.30	22.10 -0.45 -3.16	21.36 -0.39 -3.30	21.82 -0.40 -3.05	21.96 -0.42 -3.18	24.80 -0.62 -4.90	30.86 -1.11 -2.01	29.69 -1.15 -1.33	26.14 -0.87 -0.77	24.76 -0.72 -0.66	19.85 -0.37 -2.61	22.62 -0.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.08 0.31 -15.87	20.79 0.38 -15.13	19.64 0.34 -14.33	19.46 0.32 -14.39	20.00 0.31 -14.78	22.06 0.30 -16.07	29.04 0.77 -14.80	36.50 1.50 -12.60	35.17 1.37 -14.23	31.58 1.37 -9.71	32.31 1.88 -4.68	32.18 1.90 -4.31	31.67 1.62 -8.10	31.99 1.47 -11.13	31.50 1.42 -11.63	31.35 1.44 -10.74	31.76 1.36 -11.19	39.24 1.48 -17.24	39.18 2.16 -7.06	36.29 2.10 -4.69	30.71 1.76 -2.72	28.67 1.51 -2.33	27.75 0.95 -9.19	24.19 1.24 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.14 0.37 -15.87	20.85 0.43 -15.13	19.70 0.39 -14.33	19.50 0.36 -14.39	20.05 0.35 -14.78	22.11 0.35 -16.07	29.10 0.83 -14.80	36.63 1.64 -12.60	35.29 1.49 -14.23	31.68 1.48 -9.71	32.41 1.98 -4.68	32.31 2.03 -4.31	31.75 1.71 -8.10	32.06 1.55 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.84 1.44 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.41 2.21 -4.69	30.82 1.86 -2.72	28.79 1.64 -2.33	27.84 1.04 -9.19	24.31 1.35 -0.01
PATROON__115KV_TB1 80586	25.38 0.17 -19.32	23.86 0.14 -18.43	22.56 0.13 -17.46	22.41 0.13 -17.53	23.06 0.14 -18.01	25.46 0.18 -19.58	31.94 0.46 -18.02	38.53 0.78 -15.35	37.59 0.69 -17.33	33.03 0.72 -11.82	32.33 0.88 -5.70	32.13 0.91 -5.26	32.58 0.77 -9.87	33.60 0.66 -13.56	33.28 0.66 -14.17	32.94 0.69 -13.07	33.53 0.69 -13.63	42.27 0.76 -20.99	39.67 1.11 -8.60	36.28 1.06 -5.71	30.46 0.92 -3.31	28.49 0.84 -2.82	29.26 0.46 -11.19	23.59 0.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	10.71 0.09 -4.73	9.84 0.05 -4.51	9.20 -0.05 -4.27	9.02 -0.02 -4.29	9.31 -0.01 -4.41	10.60 0.11 -4.79	17.93 0.05 -4.41	25.80 -0.36 -3.76	23.56 -0.25 -4.24	22.96 -0.43 -2.89	26.35 -0.80 -1.39	26.66 -0.60 -1.29	24.11 -0.24 -2.42	22.49 -0.21 -3.32	21.75 -0.17 -3.47	22.20 -0.17 -3.20	22.39 -0.15 -3.33	25.41 -0.25 -5.14	31.56 -0.51 -2.11	30.34 -0.56 -1.40	26.60 -0.45 -0.81	25.16 -0.35 -0.69	20.14 -0.21 -2.74	23.63 0.69 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.23 0.42 -15.91	20.83 0.37 -15.17	19.68 0.33 -14.38	19.49 0.31 -14.43	20.05 0.31 -14.83	22.18 0.36 -16.12	29.27 0.97 -14.84	36.85 1.81 -12.64	35.43 1.59 -14.27	31.93 1.70 -9.73	32.64 2.19 -4.69	32.51 2.21 -4.33	31.89 1.82 -8.13	32.18 1.63 -11.17	31.74 1.62 -11.67	31.63 1.69 -10.76	32.10 1.67 -11.22	39.55 1.72 -17.30	39.57 2.52 -7.09	36.72 2.51 -4.71	31.11 2.15 -2.73	29.06 1.91 -2.33	28.05 1.22 -9.22	24.55 1.61 0.00
PEEKSKILL____ 23653	21.84 0.36 -15.59	20.47 0.32 -14.87	19.34 0.28 -14.08	19.16 0.27 -14.14	19.71 0.27 -14.53	21.82 0.32 -15.79	28.87 0.86 -14.54	36.42 1.63 -12.38	34.96 1.41 -13.98	31.46 1.43 -9.53	32.18 1.83 -4.60	32.05 1.84 -4.24	31.48 1.58 -7.96	31.74 1.41 -10.94	31.28 1.40 -11.43	31.16 1.44 -10.54	31.62 1.42 -10.99	38.95 1.50 -16.93	39.12 2.22 -6.94	36.30 2.18 -4.61	30.77 1.86 -2.67	28.73 1.64 -2.28	27.69 1.06 -9.03	24.34 1.40 0.00
PGE MADISON__WINDPWR 24146	13.47 0.41 -7.16	12.45 0.33 -6.83	11.74 0.29 -6.47	11.56 0.31 -6.50	11.91 0.32 -6.68	13.37 0.42 -7.26	21.21 1.06 -6.68	30.04 1.95 -5.69	27.62 1.62 -6.43	26.54 1.66 -4.38	29.82 1.96 -2.11	29.84 1.92 -1.95	27.25 1.65 -3.66	25.77 1.36 -5.03	25.08 1.38 -5.25	25.50 1.48 -4.85	25.74 1.48 -5.05	30.06 1.78 -7.75	35.78 2.64 -3.18	34.33 2.71 -2.11	29.82 2.36 -1.22	28.05 2.18 -1.04	23.20 1.46 -4.13	24.98 2.04 0.00
PIERCEFIELD____HYD 23852	6.28 -0.15 -0.53	5.68 -0.12 -0.51	5.36 -0.09 -0.48	5.13 -0.10 -0.48	5.30 -0.11 -0.50	6.08 -0.15 -0.54	13.54 -0.42 -0.50	22.13 -0.69 -0.42	19.42 -0.63 -0.48	20.25 -0.57 -0.33	25.24 -0.67 -0.16	25.23 -0.88 -0.14	21.20 -1.01 -0.27	18.87 -0.89 -0.37	17.97 -0.87 -0.39	18.64 -0.90 -0.36	18.59 -1.00 -0.37	20.09 -1.01 -0.58	28.85 -1.35 -0.24	28.40 -1.27 -0.16	25.30 -1.02 -0.09	24.18 -0.72 -0.08	17.53 -0.39 -0.31	22.37 -0.57 0.00
PINELAWN_CC_1 323563	23.01 0.58 -16.54	20.94 0.51 -15.14	19.76 0.45 -14.33	19.58 0.44 -14.40	20.15 0.44 -14.79	22.32 0.54 -16.08	35.75 1.40 -20.88	37.93 2.49 -13.04	36.66 2.15 -14.94	36.28 2.23 -13.55	35.47 2.68 -7.04	34.95 2.68 -6.30	33.97 2.28 -9.74	34.09 2.08 -12.63	33.96 2.05 -13.47	34.12 2.11 -12.83	35.64 2.11 -14.31	43.49 2.03 -20.94	43.38 3.21 -10.20	42.16 3.13 -9.53	33.62 2.81 -4.58	32.90 2.51 -5.57	31.95 1.76 -12.58	28.49 2.25 -3.29
PJM_GEN_HTP_PROXY 323702	22.15 0.38 -15.87	20.76 0.35 -15.13	19.61 0.31 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.10 0.34 -16.07	29.23 0.93 -14.83	38.28 1.79 -14.09	33.86 1.53 -12.76	31.79 1.56 -9.74	32.47 2.03 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.12 1.61 -11.13	31.63 1.55 -11.63	31.50 1.59 -10.73	31.97 1.58 -11.19	36.61 1.64 -14.45	42.29 2.49 -9.84	37.09 2.42 -5.17	30.51 2.02 -2.25	28.91 1.76 -2.33	27.96 1.13 -9.23	24.52 1.51 -0.06
PJM_GEN_KEystone 24065	16.43 0.24 -10.29	15.30 0.20 -9.82	14.41 0.13 -9.30	14.23 0.14 -9.34	14.65 0.14 -9.59	16.35 0.22 -10.43	23.55 0.48 -9.60	32.76 0.70 -9.67	27.96 0.67 -7.72	27.30 0.53 -6.27	29.38 0.59 -3.03	29.44 0.67 -2.80	27.86 0.66 -5.26	27.21 0.60 -7.22	26.60 0.61 -7.55	26.77 0.63 -6.96	27.10 0.63 -7.26	29.57 0.66 -8.39	38.25 0.93 -7.36	33.91 0.88 -3.52	28.25 0.73 -1.28	26.99 0.67 -1.50	23.99 0.42 -5.96	23.79 0.85 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.92 0.48 -16.54	20.86 0.44 -15.14	19.69 0.38 -14.33	19.52 0.37 -14.40	20.08 0.38 -14.79	22.23 0.45 -16.08	35.16 1.20 -20.49	38.65 2.15 -14.10	34.16 1.82 -12.77	35.28 1.88 -12.90	32.73 2.29 -4.68	32.60 2.31 -4.32	32.03 1.98 -8.11	32.31 1.78 -11.14	32.04 1.75 -11.84	32.03 1.80 -11.05	32.25 1.79 -11.25	36.74 1.77 -14.45	42.63 2.82 -9.85	37.43 2.74 -5.17	31.64 2.36 -3.05	31.48 2.13 -4.53	30.42 1.46 -11.35	28.13 1.90 -3.28
PJM_GEN_VFT_PROXY 323633	22.10 0.33 -15.87	20.73 0.32 -15.13	19.59 0.28 -14.33	19.40 0.27 -14.39	19.96 0.27 -14.78	22.06 0.30 -16.07	29.14 0.84 -14.84	38.10 1.61 -14.09	33.07 1.39 -12.11	31.65 1.41 -9.74	32.29 1.86 -4.68	32.15 1.87 -4.31	31.67 1.62 -8.10	31.99 1.47 -11.13	31.52 1.44 -11.63	31.39 1.48 -10.73	31.84 1.44 -11.19	36.45 1.48 -14.45	42.06 2.25 -9.84	36.86 2.18 -5.17	30.35 1.86 -2.25	28.74 1.59 -2.33	27.84 1.00 -9.23	24.36 1.35 -0.06
PLATSBRG_115KV_PMLD1 355749	5.79 -0.11 0.00	5.21 -0.08 0.00	4.89 -0.08 0.00	4.64 -0.11 0.00	4.80 -0.11 0.00	5.57 -0.13 0.00	13.14 -0.32 0.00	21.79 -0.60 0.00	19.02 -0.55 0.00	20.00 -0.49 0.00	25.42 -0.33 0.00	25.58 -0.39 0.00	21.52 -0.42 0.00	18.96 -0.43 0.00	18.04 -0.41 0.00	18.81 -0.36 0.00	18.88 -0.33 0.00	20.32 -0.21 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.85 -0.09 0.00

PLEASANTVLY___LBMP 24000	22.70 0.32 -16.48	21.29 0.29 -15.72	20.12 0.25 -14.90	19.95 0.24 -14.96	20.52 0.25 -15.36	22.70 0.30 -16.70	29.59 0.75 -15.37	36.86 1.37 -13.10	35.57 1.21 -14.79	31.83 1.25 -10.08	32.19 1.57 -4.86	32.06 1.61 -4.48	31.72 1.36 -8.42	32.17 1.22 -11.57	31.75 1.22 -12.09	31.58 1.25 -11.15	32.08 1.25 -11.62	39.73 1.29 -17.92	39.22 1.92 -7.34	36.27 1.89 -4.87	30.68 1.63 -2.82	28.69 1.46 -2.41	28.07 0.92 -9.55	24.16 1.22 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.21 0.37 -15.94	20.82 0.33 -15.20	19.67 0.29 -14.40	19.49 0.28 -14.46	20.05 0.28 -14.86	22.19 0.34 -16.15	29.23 0.90 -14.87	36.72 1.66 -12.66	35.36 1.49 -14.30	31.78 1.54 -9.75	32.41 1.96 -4.70	32.31 2.00 -4.34	31.77 1.69 -8.14	32.08 1.51 -11.19	31.63 1.49 -11.69	31.50 1.53 -10.78	31.97 1.52 -11.24	39.41 1.56 -17.32	39.40 2.34 -7.10	36.52 2.30 -4.71	30.93 1.97 -2.73	28.89 1.74 -2.33	27.95 1.11 -9.23	24.41 1.47 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.21 0.37 -15.94	20.82 0.33 -15.20	19.67 0.29 -14.40	19.49 0.28 -14.46	20.05 0.28 -14.86	22.19 0.34 -16.15	29.23 0.90 -14.87	36.72 1.66 -12.66	35.36 1.49 -14.30	31.78 1.54 -9.75	32.41 1.96 -4.70	32.31 2.00 -4.34	31.77 1.69 -8.14	32.08 1.51 -11.19	31.63 1.49 -11.69	31.50 1.53 -10.78	31.97 1.52 -11.24	39.41 1.56 -17.32	39.40 2.34 -7.10	36.52 2.30 -4.71	30.93 1.97 -2.73	28.89 1.74 -2.33	27.95 1.11 -9.23	24.41 1.47 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.32 0.35 -16.07	20.93 0.31 -15.33	19.77 0.27 -14.52	19.59 0.26 -14.58	20.16 0.27 -14.98	22.30 0.32 -16.29	29.27 0.81 -14.99	36.63 1.46 -12.77	35.28 1.29 -14.42	31.66 1.33 -9.83	32.19 1.70 -4.74	32.06 1.71 -4.37	31.60 1.45 -8.21	31.94 1.28 -11.28	31.51 1.27 -11.79	31.38 1.32 -10.87	31.89 1.34 -11.34	39.40 1.42 -17.46	39.19 2.07 -7.15	36.32 2.07 -4.75	30.72 1.73 -2.75	28.73 1.56 -2.35	27.90 0.99 -9.31	24.27 1.33 0.00
POLETTI____ 23519	18.77 0.35 -12.52	18.77 0.33 -13.15	18.77 0.29 -13.50	18.77 0.28 -13.75	18.77 0.28 -13.58	18.77 0.32 -12.75	18.77 0.88 -4.43	19.95 1.68 4.13	19.97 1.49 1.09	19.97 1.52 2.04	21.24 1.98 6.50	21.24 2.00 6.73	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.73	31.91 1.52 -11.19	39.36 1.60 -17.24	39.42 2.40 -7.06	36.53 2.33 -4.69	30.93 1.97 -2.73	28.84 1.69 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
POMONA___ESR 323819	20.79 0.36 -14.53	19.47 0.32 -13.86	18.38 0.27 -13.13	18.20 0.26 -13.19	18.72 0.27 -13.54	20.75 0.32 -14.73	27.86 0.84 -13.55	35.54 1.59 -11.55	33.98 1.37 -13.04	30.74 1.35 -8.89	31.79 1.75 -4.29	31.66 1.74 -3.95	30.86 1.49 -7.43	30.92 1.34 -10.20	30.43 1.33 -10.66	30.37 1.36 -9.83	30.82 1.36 -10.25	37.77 1.46 -15.79	38.62 2.19 -6.47	35.96 2.15 -4.29	30.48 1.76 -2.49	28.53 1.59 -2.12	27.01 0.99 -8.42	24.30 1.35 0.00
PORT_JEFF_3 23555	23.08 0.65 -16.54	21.00 0.58 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.99 1.56 -24.96	44.41 2.57 -19.44	44.24 2.25 -22.42	44.53 2.36 -21.67	65.88 2.73 -37.39	60.53 2.75 -31.80	55.12 2.39 -30.79	53.37 2.15 -31.83	55.10 2.10 -34.55	57.16 2.19 -35.80	75.21 2.19 -53.81	91.35 2.09 -68.73	83.85 3.27 -50.62	104.54 3.22 -71.82	47.31 2.89 -18.20	46.43 2.63 -18.97	47.90 1.95 -28.34	28.92 2.55 -3.43
PORT_JEFF_4 23616	23.08 0.65 -16.54	21.00 0.58 -15.14	19.81 0.51 -14.33	19.64 0.49 -14.40	20.21 0.50 -14.79	22.39 0.61 -16.08	39.99 1.56 -24.96	44.41 2.57 -19.44	44.24 2.25 -22.42	44.53 2.36 -21.67	65.88 2.73 -37.39	60.53 2.75 -31.80	55.12 2.39 -30.79	53.37 2.15 -31.83	55.10 2.10 -34.55	57.16 2.19 -35.80	75.21 2.19 -53.81	91.35 2.09 -68.73	83.85 3.27 -50.62	104.54 3.22 -71.82	47.31 2.89 -18.20	46.43 2.63 -18.97	47.90 1.95 -28.34	28.92 2.55 -3.43
PORT_JEFF_IC 23713	23.09 0.66 -16.54	21.00 0.58 -15.14	19.82 0.52 -14.33	19.65 0.50 -14.40	20.22 0.51 -14.79	22.40 0.62 -16.08	40.72 1.60 -25.66	45.58 2.69 -20.50	45.61 2.35 -23.69	44.69 2.46 -21.73	66.13 2.78 -37.59	60.75 2.81 -31.97	55.30 2.44 -30.93	53.53 2.19 -31.96	55.27 2.14 -34.69	57.35 2.22 -35.95	75.50 2.23 -54.06	91.69 2.13 -69.04	84.20 3.36 -50.88	104.99 3.27 -72.21	47.46 2.94 -18.29	46.64 2.75 -19.07	48.01 1.95 -28.45	28.93 2.55 -3.44
PPL PILGRIM_ST_GT1 24216	23.07 0.64 -16.54	20.98 0.56 -15.14	19.80 0.50 -14.33	19.63 0.48 -14.40	20.20 0.49 -14.79	22.37 0.59 -16.08	36.46 1.49 -21.49	38.98 2.57 -14.00	37.88 2.25 -16.05	37.82 2.38 -14.94	40.82 2.81 -12.25	39.46 2.81 -10.68	37.73 2.44 -13.36	37.50 2.19 -15.93	37.70 2.16 -17.09	38.20 2.24 -16.78	42.56 2.25 -21.10	51.66 1.99 -29.15	50.23 3.12 -17.15	52.78 3.04 -20.23	36.09 2.94 -6.92	35.32 2.63 -7.87	34.80 1.90 -15.28	28.69 2.43 -3.32
PPL PILGRIM_ST_GT2 24217	23.07 0.64 -16.54	20.98 0.56 -15.14	19.80 0.50 -14.33	19.63 0.48 -14.40	20.20 0.49 -14.79	22.37 0.59 -16.08	36.46 1.49 -21.49	38.98 2.57 -14.00	37.88 2.25 -16.05	37.82 2.38 -14.94	40.82 2.81 -12.25	39.46 2.81 -10.68	37.73 2.44 -13.36	37.50 2.19 -15.93	37.70 2.16 -17.09	38.20 2.24 -16.78	42.56 2.25 -21.10	51.66 1.99 -29.15	50.23 3.12 -17.15	52.78 3.04 -20.23	36.09 2.94 -6.92	35.32 2.63 -7.87	34.80 1.90 -15.28	28.69 2.43 -3.32
PPL_SHRM_GT3 24213	23.16 0.73 -16.54	21.06 0.63 -15.14	19.87 0.57 -14.33	19.70 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.26 1.74 -25.06	44.96 2.98 -19.58	44.79 2.62 -22.59	44.80 2.75 -21.56	65.94 3.25 -36.94	60.69 3.30 -31.43	55.25 2.83 -30.47	53.47 2.54 -31.55	55.17 2.49 -34.24	57.22 2.59 -35.46	75.03 2.59 -53.22	91.09 2.54 -68.02	83.91 3.92 -50.02	104.23 3.83 -70.89	47.66 3.44 -17.99	46.70 3.10 -18.78	47.95 2.24 -28.11	29.24 2.87 -3.43
PPL_SHRM_GT4 24214	23.16 0.73 -16.54	21.06 0.63 -15.14	19.87 0.57 -14.33	19.70 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.26 1.74 -25.06	44.96 2.98 -19.58	44.79 2.62 -22.59	44.80 2.75 -21.56	65.94 3.25 -36.94	60.69 3.30 -31.43	55.25 2.83 -30.47	53.47 2.54 -31.55	55.17 2.49 -34.24	57.22 2.59 -35.46	75.03 2.59 -53.22	91.09 2.54 -68.02	83.91 3.92 -50.02	104.23 3.83 -70.89	47.66 3.44 -17.99	46.70 3.10 -18.78	47.95 2.24 -28.11	29.24 2.87 -3.43
PROJECT___ORANGE 1 24174	9.44 0.09 -3.44	8.65 0.07 -3.28	8.13 0.04 -3.11	7.92 0.05 -3.12	8.18 0.05 -3.21	9.29 0.10 -3.49	16.91 0.23 -3.21	25.52 0.38 -2.74	22.99 0.33 -3.09	22.91 0.31 -2.11	27.13 0.36 -1.02	27.30 0.39 -0.94	24.03 0.33 -1.76	22.09 0.29 -2.42	21.23 0.26 -2.53	21.76 0.25 -2.33	21.89 0.25 -2.43	24.43 0.16 -3.74	31.74 0.24 -1.53	30.73 0.21 -1.02	26.98 0.16 -0.59	25.47 0.15 -0.50	19.75 0.14 -2.00	23.13 0.18 0.00
PROJECT___ORANGE 2 24166	9.44 0.09 -3.44	8.65 0.07 -3.28	8.13 0.04 -3.11	7.92 0.05 -3.12	8.18 0.05 -3.21	9.29 0.10 -3.49	16.91 0.23 -3.21	25.52 0.38 -2.74	22.99 0.33 -3.09	22.91 0.31 -2.11	27.13 0.36 -1.02	27.30 0.39 -0.94	24.03 0.33 -1.76	22.09 0.29 -2.42	21.23 0.26 -2.53	21.76 0.25 -2.33	21.89 0.25 -2.43	24.43 0.16 -3.74	31.74 0.24 -1.53	30.73 0.21 -1.02	26.98 0.16 -0.59	25.47 0.15 -0.50	19.75 0.14 -2.00	23.13 0.18 0.00

PUCKETT___SOLAR 323809	13.55	12.54	11.82	11.63	11.99	13.45	20.99	29.33	27.12	25.86	28.91	28.94	26.54	25.27	24.57	24.93	25.21	29.39	34.55	32.98	28.62	26.94	22.57	24.04
	0.28	0.23	0.19	0.19	0.20	0.28	0.65	1.08	0.94	0.86	0.98	0.96	0.83	0.72	0.72	0.77	0.81	0.88	1.32	1.30	1.13	1.04	0.71	1.10
	-7.37	-7.03	-6.66	-6.69	-6.87	-7.47	-6.87	-5.86	-6.61	-4.51	-2.17	-2.01	-3.77	-5.17	-5.40	-4.99	-5.20	-7.98	-3.27	-2.17	-1.26	-1.07	-4.26	0.00
PYRITES___HYD 24023	6.29	5.69	5.38	5.14	5.32	6.10	13.64	22.32	19.57	20.41	25.46	25.51	21.49	19.09	18.20	18.86	18.81	20.36	29.29	28.86	25.71	24.50	17.65	22.55
	-0.10	-0.07	-0.04	-0.05	-0.06	-0.10	-0.28	-0.47	-0.45	-0.39	-0.44	-0.60	-0.70	-0.64	-0.61	-0.65	-0.75	-0.70	-0.90	-0.80	-0.60	-0.40	-0.25	-0.39
	-0.49	-0.47	-0.45	-0.45	-0.46	-0.50	-0.46	-0.39	-0.44	-0.30	-0.15	-0.13	-0.25	-0.35	-0.36	-0.33	-0.35	-0.54	-0.22	-0.15	-0.08	-0.07	-0.29	0.00
QUAKERRD_115KV_BK1 80622	9.77	8.97	8.42	8.22	8.49	9.64	17.06	25.34	22.95	22.74	26.61	26.82	23.85	22.08	21.25	21.76	21.86	24.60	31.45	30.36	26.61	25.09	19.69	22.65
	0.00	-0.01	-0.05	-0.04	-0.03	0.02	-0.01	-0.13	-0.10	-0.12	-0.28	-0.21	-0.07	-0.02	-0.04	-0.04	-0.08	-0.12	-0.24	-0.30	-0.29	-0.30	-0.16	-0.30
	-3.87	-3.69	-3.50	-3.51	-3.61	-3.92	-3.61	-3.07	-3.47	-2.37	-1.14	-1.05	-1.98	-2.72	-2.84	-2.62	-2.73	-4.21	-1.72	-1.14	-0.66	-0.57	-2.24	0.00
QUEENSBRY_115KV_TB8 356137	25.87	24.31	22.99	22.83	23.49	25.94	32.66	39.48	38.57	33.99	33.29	33.07	33.45	34.37	33.99	33.69	34.31	43.29	40.77	37.30	31.31	29.19	29.93	24.16
	0.28	0.24	0.22	0.21	0.23	0.28	0.82	1.43	1.33	1.46	1.73	1.74	1.45	1.16	1.11	1.19	1.21	1.37	2.04	1.98	1.71	1.49	0.92	1.22
	-19.69	-18.78	-17.80	-17.87	-18.35	-19.96	-18.37	-15.65	-17.67	-12.04	-5.81	-5.36	-10.06	-13.82	-14.44	-13.32	-13.89	-21.40	-8.76	-5.82	-3.37	-2.88	-11.41	0.00
RAMAPO___LBMP 323565	20.81	19.48	18.40	18.22	18.75	20.77	27.86	35.45	33.95	30.72	31.72	31.62	30.81	30.89	30.40	30.36	30.79	37.75	38.52	35.85	30.43	28.46	27.02	24.21
	0.35	0.30	0.26	0.25	0.26	0.31	0.81	1.48	1.31	1.31	1.67	1.69	1.43	1.28	1.27	1.32	1.31	1.40	2.07	2.04	1.71	1.51	0.97	1.26
	-14.57	-13.89	-13.16	-13.22	-13.58	-14.76	-13.59	-11.57	-13.07	-8.91	-4.29	-3.96	-7.44	-10.22	-10.68	-9.85	-10.27	-15.83	-6.49	-4.31	-2.50	-2.13	-8.44	0.00
RANKINE____ 23646	10.75	9.87	9.22	9.05	9.34	10.63	18.07	26.03	23.75	23.19	26.67	26.98	24.38	22.71	21.95	22.42	22.61	25.61	31.84	30.66	26.90	25.48	20.37	23.49
	0.17	0.12	0.02	0.05	0.06	0.19	0.24	-0.09	-0.02	-0.16	-0.46	-0.26	0.04	0.04	0.07	0.08	0.10	0.00	-0.21	-0.24	-0.13	-0.02	0.05	0.55
	-4.68	-4.46	-4.23	-4.25	-4.36	-4.74	-4.36	-3.72	-4.20	-2.86	-1.38	-1.27	-2.39	-3.28	-3.43	-3.17	-3.30	-5.09	-2.08	-1.38	-0.80	-0.68	-2.71	0.00
RAVENSWOOD_GT2_1 24244	22.14	20.76	19.61	19.42	19.98	22.10	29.20	36.70	35.31	31.80	32.44	32.31	31.78	32.08	31.61	31.49	31.93	39.36	39.42	36.56	30.96	28.89	27.97	24.45
	0.37	0.34	0.30	0.28	0.29	0.33	0.90	1.70	1.51	1.54	2.01	2.03	1.73	1.57	1.53	1.57	1.54	1.60	2.40	2.36	1.99	1.74	1.13	1.45
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06
RAVENSWOOD_GT2_2 24245	22.14	20.76	19.61	19.42	19.98	22.10	29.20	36.70	35.31	31.80	32.44	32.31	31.78	32.08	31.61	31.49	31.93	39.36	39.42	36.56	30.96	28.89	27.97	24.45
	0.37	0.34	0.30	0.28	0.29	0.33	0.90	1.70	1.51	1.54	2.01	2.03	1.73	1.57	1.53	1.57	1.54	1.60	2.40	2.36	1.99	1.74	1.13	1.45
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06
RAVENSWOOD_GT2_3 24246	22.14	20.76	19.61	19.42	19.98	22.10	29.20	36.72	35.32	31.80	32.44	32.34	31.80	32.10	31.61	31.49	31.95	39.38	39.42	36.56	30.96	28.89	27.97	24.48
	0.37	0.34	0.30	0.28	0.29	0.33	0.90	1.72	1.53	1.54	2.01	2.05	1.76	1.59	1.53	1.57	1.56	1.62	2.40	2.36	1.99	1.74	1.13	1.47
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.07
RAVENSWOOD_GT2_4 24247	22.14	20.76	19.61	19.42	19.98	22.10	29.20	36.72	35.32	31.80	32.44	32.34	31.80	32.10	31.61	31.49	31.95	39.38	39.42	36.56	30.96	28.89	27.97	24.48
	0.37	0.34	0.30	0.28	0.29	0.33	0.90	1.72	1.53	1.54	2.01	2.05	1.76	1.59	1.53	1.57	1.56	1.62	2.40	2.36	1.99	1.74	1.13	1.47
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.07
RAVENSWOOD_GT3_1 24248	22.14	20.76	19.61	19.42	19.98	22.10	29.20	36.70	35.31	31.80	32.44	32.31	31.80	32.10	31.61	31.49	31.93	39.36	39.42	36.56	30.96	28.89	27.97	24.45
	0.37	0.34	0.30	0.28	0.29	0.33	0.90	1.70	1.51	1.54	2.01	2.03	1.76	1.59	1.53	1.57	1.54	1.60	2.40	2.36	1.99	1.74	1.13	1.45
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06
RAVENSWOOD_GT3_2 24249	22.14	20.76	19.61	19.42	19.98	22.10	29.20	36.70	35.31	31.80	32.44	32.31	31.80	32.10	31.61	31.49	31.93	39.36	39.42	36.56	30.96	28.89	27.97	24.45
	0.37	0.34	0.30	0.28	0.29	0.33	0.90	1.70	1.51	1.54	2.01	2.03	1.76	1.59	1.53	1.57	1.54	1.60	2.40	2.36	1.99	1.74	1.13	1.45
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06
RAVENSWOOD_GT3_3 24250	22.14	20.76	19.61	19.43	19.98	22.10	29.22	36.75	35.34	31.82	32.47	32.36	31.82	32.12	31.65	31.51	31.97	39.40	39.45	36.59	30.99	28.91	27.99	24.50
	0.37	0.35	0.31	0.29	0.29	0.34	0.92	1.75	1.55	1.56	2.03	2.08	1.78	1.61	1.57	1.59	1.58	1.64	2.43	2.39	2.02	1.76	1.14	1.49
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06
RAVENSWOOD_GT3_4 24251	22.14	20.76	19.61	19.43	19.98	22.10	29.22	36.75	35.34	31.82	32.47	32.36	31.82	32.12	31.65	31.51	31.97	39.40	39.45	36.59	30.99	28.91	27.99	24.50
	0.37	0.35	0.31	0.29	0.29	0.34	0.92	1.75	1.55	1.56	2.03	2.08	1.78	1.61	1.57	1.59	1.58	1.64	2.43	2.39	2.02	1.76	1.14	1.49
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06
RAVENSWOOD_GT_1 23729	22.11	20.77	19.62	19.43	19.98	22.07	29.15	36.63	35.29	31.75	32.44	32.31	31.78	32.08	31.59	31.47	31.87	39.34	39.33	36.44	30.88	28.81	27.90	24.39
	0.34	0.35	0.32	0.29	0.29	0.31	0.85	1.64	1.49	1.50	2.01	2.03	1.73	1.57	1.51	1.55	1.48	1.58	2.31	2.24	1.92	1.66	1.06	1.38
	-15.87	-15.13	-14.33	-14.39	-14.78	-16.07	-14.84	-12.60	-14.23	-9.76	-4.68	-4.31	-8.10	-11.13	-11.63	-10.74	-11.19	-17.24	-7.06	-4.69	-2.73	-2.33	-9.23	-0.06

RAVENSWOOD_GT_10 24258	22.14 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.20 0.90 -14.84	36.70 1.70 -12.60	35.31 1.51 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.93 1.54 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.45 1.45 -0.06
RAVENSWOOD_GT_11 24259	22.14 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.20 0.90 -14.84	36.70 1.70 -12.60	35.31 1.51 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.93 1.54 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.45 1.45 -0.06
RAVENSWOOD_GT_4 24252	22.14 0.37 -15.87	20.75 0.34 -15.13	19.60 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.22 0.92 -14.84	36.72 1.72 -12.60	35.32 1.53 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.95 1.56 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
RAVENSWOOD_GT_5 24254	22.14 0.37 -15.87	20.75 0.34 -15.13	19.60 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.22 0.92 -14.84	36.72 1.72 -12.60	35.32 1.53 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.95 1.56 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
RAVENSWOOD_GT_6 24253	22.14 0.37 -15.87	20.75 0.34 -15.13	19.60 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.22 0.92 -14.84	36.72 1.72 -12.60	35.32 1.53 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.95 1.56 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
RAVENSWOOD_GT_7 24255	22.14 0.37 -15.87	20.75 0.34 -15.13	19.60 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.22 0.92 -14.84	36.72 1.72 -12.60	35.32 1.53 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.95 1.56 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.14 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.20 0.90 -14.84	36.70 1.70 -12.60	35.31 1.51 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.93 1.54 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.45 1.45 -0.06
RAVENSWOOD_GT_9 24257	22.14 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.29 -14.78	22.10 0.33 -16.07	29.20 0.90 -14.84	36.70 1.70 -12.60	35.31 1.51 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.34 2.05 -4.31	31.80 1.76 -8.10	32.10 1.59 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.93 1.54 -11.19	39.38 1.62 -17.24	39.42 2.40 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.97 1.13 -9.23	24.45 1.45 -0.06
RAVENSWOOD___1 23533	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.07 0.31 -16.06	29.14 0.85 -14.83	36.65 1.66 -12.59	35.28 1.49 -14.23	31.75 1.50 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.89 1.50 -11.19	39.37 1.62 -17.23	39.39 2.37 -7.06	36.47 2.27 -4.69	30.88 1.91 -2.73	28.81 1.66 -2.33	27.89 1.06 -9.23	24.41 1.40 -0.06
RAVENSWOOD___2 23534	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.07 0.31 -16.06	29.14 0.85 -14.83	36.65 1.66 -12.59	35.28 1.49 -14.23	31.75 1.50 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.89 1.50 -11.19	39.37 1.62 -17.23	39.39 2.37 -7.06	36.47 2.27 -4.69	30.88 1.91 -2.73	28.81 1.66 -2.33	27.89 1.06 -9.23	24.41 1.40 -0.06
RAVENSWOOD___3 23535	22.14 0.37 -15.87	20.76 0.34 -15.13	19.61 0.30 -14.33	19.42 0.28 -14.39	19.98 0.28 -14.78	22.10 0.33 -16.07	29.20 0.90 -14.84	36.72 1.72 -12.60	35.31 1.51 -14.23	31.80 1.54 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.61 1.53 -11.63	31.49 1.57 -10.74	31.93 1.54 -11.19	39.37 1.62 -17.23	39.45 2.43 -7.06	36.56 2.36 -4.69	30.96 1.99 -2.73	28.89 1.74 -2.33	27.95 1.11 -9.23	24.48 1.47 -0.07
RAVENSWOOD___4 23820	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.07 0.31 -16.06	29.14 0.85 -14.83	36.65 1.66 -12.59	35.28 1.49 -14.23	31.75 1.50 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.89 1.50 -11.19	39.37 1.62 -17.23	39.39 2.37 -7.06	36.47 2.27 -4.69	30.88 1.91 -2.73	28.81 1.66 -2.33	27.89 1.06 -9.23	24.41 1.40 -0.06
RCPL_TRUST___DRP 24196	22.15 0.38 -15.87	20.77 0.35 -15.13	19.62 0.31 -14.33	19.43 0.29 -14.39	19.99 0.29 -14.78	22.11 0.35 -16.07	29.26 0.96 -14.83	36.81 1.81 -12.60	35.36 1.57 -14.23	31.85 1.60 -9.76	32.52 2.09 -4.68	32.39 2.10 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.73	32.01 1.61 -11.19	39.44 1.68 -17.24	39.54 2.52 -7.06	36.67 2.48 -4.69	31.04 2.07 -2.73	28.94 1.79 -2.33	28.02 1.18 -9.23	24.54 1.54 -0.06
RED___ROCHESTER 323720	10.01 0.19 -3.92	9.19 0.16 -3.74	8.61 0.09 -3.54	8.41 0.10 -3.56	8.68 0.11 -3.65	9.87 0.20 -3.97	17.55 0.43 -3.65	26.00 0.49 -3.11	23.62 0.53 -3.51	23.40 0.51 -2.40	27.40 0.49 -1.16	27.63 0.60 -1.07	24.58 0.64 -2.00	22.75 0.62 -2.75	21.89 0.57 -2.87	22.42 0.60 -2.65	22.53 0.56 -2.76	25.29 0.53 -4.23	32.42 0.72 -1.73	31.28 0.62 -1.15	27.45 0.55 -0.67	25.89 0.50 -0.57	20.27 0.41 -2.26	23.36 0.41 0.00
REGAN___SOLAR 323812	26.11 0.42 -19.79	24.52 0.35 -18.88	23.18 0.32 -17.88	23.01 0.30 -17.96	23.69 0.33 -18.44	26.19 0.44 -20.05	33.04 1.12 -18.46	40.14 2.02 -15.72	39.15 1.82 -17.75	34.55 1.95 -12.10	33.86 2.27 -5.84	33.59 2.23 -5.38	34.00 1.95 -10.11	34.84 1.57 -13.89	34.38 1.42 -14.51	34.20 1.63 -13.39	34.84 1.67 -13.96	43.95 1.93 -21.50	41.68 2.91 -8.81	38.07 2.71 -5.85	31.96 2.33 -3.39	29.85 2.13 -2.89	30.35 1.28 -11.46	24.64 1.70 0.00

RENSSELAER___COGEN 23796	25.23 0.15 -19.19	23.71 0.13 -18.30	22.43 0.11 -17.34	22.27 0.11 -17.41	22.92 0.12 -17.88	25.30 0.16 -19.44	31.76 0.40 -17.89	38.31 0.67 -15.24	37.37 0.59 -17.21	32.84 0.61 -11.73	32.16 0.75 -5.66	31.97 0.78 -5.22	32.40 0.66 -9.80	33.41 0.56 -13.46	33.09 0.57 -14.07	32.75 0.60 -12.98	33.34 0.60 -13.53	42.02 0.66 -20.84	39.46 0.96 -8.54	36.09 0.92 -5.67	30.33 0.81 -3.29	28.37 0.74 -2.80	29.14 0.42 -11.11	23.52 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.09 0.51 -19.69	24.49 0.43 -18.78	23.15 0.39 -17.79	22.98 0.37 -17.86	23.67 0.40 -18.35	26.15 0.51 -19.95	33.20 1.37 -18.36	40.44 2.40 -15.64	39.46 2.23 -17.66	34.97 2.44 -12.04	34.44 2.88 -5.80	34.26 2.93 -5.36	34.15 2.15 -10.06	34.91 1.71 -13.82	34.49 1.60 -14.44	34.22 1.73 -13.32	34.84 1.75 -13.88	43.92 2.01 -21.39	41.72 3.00 -8.76	38.54 3.22 -5.82	32.39 2.78 -3.37	30.13 2.43 -2.88	30.53 1.51 -11.40	24.92 1.97 0.00
REVERE_CPPR_DRP 24186	7.59 0.18 -1.51	6.88 0.15 -1.44	6.47 0.13 -1.36	6.26 0.14 -1.37	6.47 0.15 -1.41	7.41 0.18 -1.53	15.32 0.44 -1.41	24.38 0.78 -1.20	21.59 0.67 -1.35	22.12 0.70 -0.92	27.00 0.80 -0.45	27.16 0.78 -0.41	23.37 0.66 -0.77	20.97 0.52 -1.06	20.05 0.50 -1.11	20.72 0.52 -1.02	20.79 0.52 -1.06	22.80 0.64 -1.64	31.60 0.96 -0.67	30.99 1.03 -0.45	27.38 0.89 -0.26	25.89 0.84 -0.22	19.05 0.56 -0.87	23.63 0.69 0.00
REYNOLDS_115KV_TB3 80639	25.30 0.20 -19.21	23.78 0.18 -18.32	22.49 0.16 -17.35	22.33 0.16 -17.42	22.98 0.17 -17.90	25.37 0.21 -19.46	31.90 0.53 -17.91	38.55 0.90 -15.26	37.58 0.78 -17.23	33.06 0.82 -11.74	32.42 1.00 -5.66	32.21 1.01 -5.22	32.63 0.88 -9.81	33.62 0.76 -13.48	33.28 0.76 -14.08	32.96 0.79 -12.99	33.54 0.79 -13.54	42.25 0.86 -20.86	39.77 1.26 -8.55	36.39 1.21 -5.68	30.60 1.08 -3.29	28.59 0.97 -2.80	29.30 0.56 -11.12	23.70 0.76 0.00
RIVERBAY____ 323610	22.14 0.37 -15.87	20.85 0.43 -15.13	19.70 0.39 -14.33	19.50 0.36 -14.39	20.05 0.35 -14.78	22.11 0.35 -16.07	29.10 0.83 -14.80	36.63 1.64 -12.60	35.29 1.49 -14.23	31.68 1.48 -9.71	32.41 1.98 -4.68	32.31 2.03 -4.31	31.75 1.71 -8.10	32.06 1.55 -11.13	31.57 1.49 -11.63	31.43 1.52 -10.74	31.84 1.44 -11.19	39.32 1.56 -17.24	39.30 2.28 -7.06	36.41 2.21 -4.69	30.82 1.86 -2.72	28.79 1.64 -2.33	27.84 1.04 -9.19	24.31 1.35 -0.01
RIVERSDE_115KV_TB3 55908	25.31 0.17 -19.24	23.79 0.15 -18.35	22.50 0.14 -17.39	22.34 0.13 -17.46	22.99 0.15 -17.93	25.38 0.19 -19.49	31.88 0.47 -17.94	38.49 0.81 -15.29	37.53 0.70 -17.26	33.00 0.74 -11.77	32.33 0.90 -5.67	32.11 0.91 -5.23	32.56 0.79 -9.83	33.56 0.68 -13.50	33.24 0.68 -14.11	32.90 0.71 -13.02	33.49 0.71 -13.57	42.20 0.78 -20.90	39.67 1.14 -8.56	36.29 1.09 -5.69	30.47 0.94 -3.30	28.50 0.87 -2.81	29.24 0.49 -11.14	23.61 0.67 0.00
ROARING___BROOK_WT_PWR 323790	5.55 -0.35 0.00	4.98 -0.31 0.00	4.69 -0.29 0.00	4.47 -0.28 0.00	4.63 -0.29 0.00	5.37 -0.33 0.00	12.73 -0.74 0.00	21.21 -1.19 0.00	18.53 -1.04 0.00	19.47 -1.02 0.00	24.52 -1.24 0.00	24.72 -1.25 0.00	20.87 -1.07 0.00	18.43 -0.95 0.00	17.60 -0.85 0.00	18.43 -0.75 0.00	18.61 -0.60 0.00	20.03 -0.49 0.00	29.31 -0.66 0.00	28.86 -0.65 0.00	25.66 -0.58 0.00	24.30 -0.52 0.00	17.27 -0.34 0.00	22.55 -0.39 0.00
ROCHESRG_115KV_T4 355643	9.94 0.15 -3.90	9.12 0.12 -3.72	8.55 0.05 -3.52	8.35 0.07 -3.54	8.62 0.07 -3.63	9.81 0.16 -3.95	17.40 0.30 -3.64	25.81 0.31 -3.10	23.36 0.29 -3.50	23.15 0.27 -2.38	27.08 0.18 -1.15	27.32 0.29 -1.06	24.31 0.37 -1.99	22.49 0.37 -2.74	21.64 0.33 -2.86	22.16 0.35 -2.64	22.27 0.31 -2.75	25.05 0.29 -4.24	32.03 0.33 -1.74	30.93 0.27 -1.15	27.14 0.24 -0.67	25.61 0.22 -0.57	20.08 0.21 -2.26	23.15 0.21 0.00
ROCHESTER_9_IC 23652	9.99 0.18 -3.92	9.17 0.14 -3.74	8.59 0.08 -3.54	8.39 0.09 -3.55	8.66 0.10 -3.65	9.86 0.19 -3.97	17.50 0.38 -3.65	25.96 0.45 -3.11	23.52 0.43 -3.51	23.28 0.39 -2.40	27.25 0.33 -1.16	27.48 0.44 -1.07	24.47 0.53 -2.00	22.64 0.50 -2.75	21.78 0.46 -2.87	22.31 0.48 -2.65	22.41 0.44 -2.76	25.21 0.43 -4.26	32.25 0.54 -1.74	31.14 0.47 -1.16	27.32 0.42 -0.67	25.77 0.37 -0.57	20.20 0.32 -2.27	23.29 0.34 0.00
ROCKVIEW_13_KV_LD 356306	22.14 0.39 -15.86	20.76 0.34 -15.12	19.61 0.30 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.13 0.36 -16.07	29.23 0.97 -14.79	36.77 1.77 -12.60	35.38 1.59 -14.23	31.85 1.66 -9.70	32.54 2.11 -4.68	32.44 2.16 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.68 1.60 -11.63	31.56 1.65 -10.73	32.03 1.63 -11.18	39.44 1.68 -17.24	39.51 2.49 -7.06	36.67 2.48 -4.69	31.08 2.12 -2.72	29.00 1.86 -2.32	27.99 1.20 -9.19	24.53 1.58 0.00
ROME____115KV_TB2 80656	7.59 0.18 -1.51	6.88 0.15 -1.44	6.47 0.13 -1.36	6.26 0.14 -1.37	6.47 0.15 -1.41	7.41 0.18 -1.53	15.32 0.44 -1.41	24.38 0.78 -1.20	21.59 0.67 -1.35	22.12 0.70 -0.92	27.00 0.80 -0.45	27.16 0.78 -0.41	23.37 0.66 -0.77	20.97 0.52 -1.06	20.05 0.50 -1.11	20.72 0.52 -1.02	20.79 0.52 -1.06	22.80 0.64 -1.64	31.60 0.96 -0.67	30.99 1.03 -0.45	27.38 0.89 -0.26	25.89 0.84 -0.22	19.05 0.56 -0.87	23.63 0.69 0.00
ROSETON___1 23587	21.86 0.32 -15.64	20.49 0.29 -14.92	19.36 0.25 -14.14	19.18 0.24 -14.19	19.74 0.25 -14.58	21.84 0.30 -15.85	28.81 0.75 -14.59	36.24 1.41 -12.43	34.82 1.21 -14.03	31.31 1.25 -9.57	31.94 1.57 -4.61	31.81 1.58 -4.25	31.29 1.36 -7.99	31.58 1.22 -10.98	31.13 1.22 -11.47	31.01 1.25 -10.58	31.49 1.25 -11.03	38.83 1.31 -16.99	38.87 1.95 -6.96	36.02 1.89 -4.62	30.54 1.63 -2.68	28.57 1.46 -2.28	27.60 0.93 -9.06	24.18 1.24 0.00
ROSETON___2 23588	21.86 0.32 -15.64	20.49 0.29 -14.92	19.36 0.25 -14.14	19.18 0.24 -14.19	19.74 0.25 -14.58	21.84 0.30 -15.85	28.81 0.75 -14.59	36.24 1.41 -12.43	34.82 1.21 -14.03	31.31 1.25 -9.57	31.94 1.57 -4.61	31.81 1.58 -4.25	31.29 1.36 -7.99	31.58 1.22 -10.98	31.13 1.22 -11.47	31.01 1.25 -10.58	31.49 1.25 -11.03	38.83 1.31 -16.99	38.87 1.95 -6.96	36.02 1.89 -4.62	30.54 1.63 -2.68	28.57 1.46 -2.28	27.60 0.93 -9.06	24.18 1.24 0.00
ROTTRDAM_115KV_TB3 80664	25.92 0.24 -19.79	24.37 0.21 -18.88	23.05 0.19 -17.88	22.89 0.18 -17.96	23.55 0.19 -18.44	25.98 0.23 -20.05	32.49 0.57 -18.46	39.09 0.96 -15.72	38.19 0.86 -17.75	33.50 0.90 -12.10	32.70 1.11 -5.84	32.47 1.12 -5.38	33.00 0.94 -10.11	34.09 0.81 -13.89	33.75 0.79 -14.51	33.41 0.84 -13.39	34.01 0.85 -13.96	42.95 0.92 -21.50	40.12 1.35 -8.81	36.65 1.30 -5.85	30.78 1.15 -3.39	28.78 1.07 -2.89	29.74 0.67 -11.46	23.84 0.89 0.00
RUSSELL___1 23602	10.01 0.19 -3.92	9.19 0.16 -3.74	8.61 0.09 -3.54	8.41 0.10 -3.56	8.68 0.11 -3.65	9.87 0.21 -3.97	17.55 0.43 -3.65	26.05 0.54 -3.11	23.62 0.53 -3.51	23.40 0.51 -2.40	27.40 0.49 -1.16	27.63 0.60 -1.07	24.58 0.64 -2.00	22.75 0.62 -2.75	21.89 0.57 -2.87	22.42 0.59 -2.65	22.53 0.56 -2.76	25.33 0.55 -4.26	32.43 0.72 -1.74	31.32 0.65 -1.16	27.46 0.55 -0.67	25.89 0.50 -0.57	20.28 0.41 -2.27	23.38 0.44 0.00

RUSSELL___2 23532	10.01 0.19 -3.92	9.19 0.16 -3.74	8.61 0.09 -3.54	8.41 0.10 -3.56	8.68 0.11 -3.65	9.87 0.21 -3.97	17.55 0.43 -3.65	26.05 0.54 -3.11	23.62 0.53 -3.51	23.40 0.51 -2.40	27.40 0.49 -1.16	27.63 0.60 -1.07	24.58 0.64 -2.00	22.75 0.62 -2.75	21.89 0.57 -2.87	22.42 0.59 -2.65	22.53 0.56 -2.76	25.33 0.55 -4.26	32.43 0.72 -1.74	31.32 0.65 -1.16	27.46 0.55 -0.67	25.89 0.50 -0.57	20.28 0.41 -2.27	23.38 0.44 0.00
RUSSELL___3 23549	10.01 0.19 -3.92	9.19 0.16 -3.74	8.61 0.09 -3.54	8.41 0.10 -3.56	8.68 0.11 -3.65	9.87 0.21 -3.97	17.55 0.43 -3.65	26.05 0.54 -3.11	23.62 0.53 -3.51	23.40 0.51 -2.40	27.40 0.49 -1.16	27.63 0.60 -1.07	24.58 0.64 -2.00	22.75 0.62 -2.75	21.89 0.57 -2.87	22.42 0.59 -2.65	22.53 0.56 -2.76	25.33 0.55 -4.26	32.43 0.72 -1.74	31.32 0.65 -1.16	27.46 0.55 -0.67	25.89 0.50 -0.57	20.28 0.41 -2.27	23.38 0.44 0.00
RUSSELL___4 23556	10.01 0.19 -3.92	9.19 0.16 -3.74	8.61 0.09 -3.54	8.41 0.10 -3.56	8.68 0.11 -3.65	9.87 0.21 -3.97	17.55 0.43 -3.65	26.05 0.54 -3.11	23.62 0.53 -3.51	23.40 0.51 -2.40	27.40 0.49 -1.16	27.63 0.60 -1.07	24.58 0.64 -2.00	22.75 0.62 -2.75	21.89 0.57 -2.87	22.42 0.59 -2.65	22.53 0.56 -2.76	25.33 0.55 -4.26	32.43 0.72 -1.74	31.32 0.65 -1.16	27.46 0.55 -0.67	25.89 0.50 -0.57	20.28 0.41 -2.27	23.38 0.44 0.00
RUSSELL___STATION 23914	10.01 0.19 -3.92	9.19 0.16 -3.74	8.61 0.09 -3.54	8.41 0.10 -3.56	8.68 0.11 -3.65	9.87 0.21 -3.97	17.55 0.43 -3.65	26.05 0.54 -3.11	23.62 0.53 -3.51	23.40 0.51 -2.40	27.40 0.49 -1.16	27.63 0.60 -1.07	24.58 0.64 -2.00	22.75 0.62 -2.75	21.89 0.57 -2.87	22.42 0.59 -2.65	22.53 0.56 -2.76	25.33 0.55 -4.26	32.43 0.72 -1.74	31.32 0.65 -1.16	27.46 0.55 -0.67	25.89 0.50 -0.57	20.28 0.41 -2.27	23.38 0.44 0.00
S SALMON___HYD 24043	8.92 0.12 -2.90	8.15 0.10 -2.76	7.67 0.07 -2.62	7.46 0.08 -2.63	7.70 0.09 -2.70	8.78 0.14 -2.94	16.52 0.35 -2.70	25.33 0.63 -2.30	22.66 0.49 -2.60	22.76 0.49 -1.77	27.15 0.54 -0.85	27.28 0.52 -0.79	23.84 0.42 -1.48	21.75 0.33 -2.03	20.87 0.29 -2.12	21.39 0.25 -1.96	21.52 0.27 -2.04	23.26 -0.12 -2.87	30.99 -0.15 -1.17	30.17 -0.12 -0.78	26.58 -0.10 -0.45	25.16 -0.05 -0.39	19.15 0.02 -1.53	22.94 0.00 0.00
S.PERRY___115KV_TB1 80734	11.01 0.35 -4.76	10.12 0.29 -4.54	9.48 0.20 -4.30	9.28 0.21 -4.32	9.58 0.23 -4.44	10.89 0.37 -4.83	18.73 0.82 -4.44	27.41 1.23 -3.78	24.90 1.06 -4.27	24.31 0.90 -2.91	28.03 0.88 -1.40	28.23 0.96 -1.30	25.32 0.94 -2.43	23.58 0.85 -3.34	22.79 0.85 -3.49	23.32 0.92 -3.22	23.55 0.98 -3.36	26.79 1.09 -5.18	33.77 1.68 -2.12	32.51 1.59 -1.41	28.47 1.42 -0.82	26.81 1.29 -0.70	21.29 0.92 -2.76	24.23 1.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	10.66 0.17 -4.59	9.79 0.12 -4.38	9.14 0.01 -4.15	8.96 0.05 -4.17	9.25 0.05 -4.28	10.53 0.18 -4.65	17.97 0.22 -4.28	25.87 -0.18 -3.65	23.59 -0.10 -4.12	23.06 -0.25 -2.81	26.52 -0.59 -1.35	26.83 -0.39 -1.25	24.24 -0.04 -2.35	22.57 -0.04 -3.22	21.81 0.00 -3.37	22.29 0.00 -3.11	22.45 0.00 -3.24	25.39 -0.12 -4.99	31.59 -0.42 -2.05	30.42 -0.44 -1.36	26.73 -0.29 -0.79	25.32 -0.17 -0.67	20.25 -0.02 -2.66	23.22 0.28 0.00
SAWYER___23_KV_LOAD 55526	10.66 0.17 -4.59	9.79 0.12 -4.38	9.14 0.01 -4.15	8.96 0.05 -4.17	9.25 0.05 -4.28	10.53 0.18 -4.65	17.97 0.22 -4.28	25.87 -0.18 -3.65	23.59 -0.10 -4.12	23.06 -0.25 -2.81	26.52 -0.59 -1.35	26.83 -0.39 -1.25	24.24 -0.04 -2.35	22.57 -0.04 -3.22	21.81 0.00 -3.37	22.29 0.00 -3.11	22.45 0.00 -3.24	25.39 -0.12 -4.99	31.59 -0.42 -2.05	30.42 -0.44 -1.36	26.73 -0.29 -0.79	25.32 -0.17 -0.67	20.25 -0.02 -2.66	23.22 0.28 0.00
SELKIRK___I 23801	25.02 0.21 -18.92	23.51 0.18 -18.04	22.24 0.17 -17.10	22.08 0.16 -17.17	22.72 0.17 -17.63	25.08 0.21 -19.17	31.62 0.51 -17.65	38.28 0.85 -15.03	37.31 0.76 -16.97	32.87 0.80 -11.57	32.31 0.98 -5.58	32.10 0.99 -5.15	32.44 0.83 -9.67	33.38 0.72 -13.28	33.04 0.72 -13.87	32.73 0.75 -12.80	33.30 0.75 -13.34	41.89 0.82 -20.55	39.58 1.20 -8.42	36.25 1.15 -5.59	30.50 1.02 -3.24	28.53 0.94 -2.76	29.14 0.58 -10.95	23.72 0.78 0.00
SELKIRK___II 23799	25.21 0.18 -19.13	23.69 0.15 -18.25	22.40 0.14 -17.29	22.25 0.14 -17.36	22.89 0.15 -17.83	25.27 0.18 -19.39	31.76 0.44 -17.85	38.34 0.74 -15.20	37.40 0.67 -17.16	32.87 0.68 -11.70	32.25 0.85 -5.64	32.03 0.86 -5.20	32.44 0.72 -9.78	33.45 0.64 -13.43	33.12 0.65 -14.03	32.79 0.67 -12.94	33.38 0.67 -13.49	42.02 0.72 -20.78	39.53 1.05 -8.51	36.19 1.03 -5.65	30.40 0.89 -3.28	28.43 0.82 -2.79	29.18 0.49 -11.08	23.63 0.69 0.00
SENECA OSWGO___HYD 24041	9.39 0.19 -3.30	8.59 0.16 -3.15	8.09 0.13 -2.98	7.87 0.13 -3.00	8.13 0.14 -3.08	9.25 0.20 -3.35	16.98 0.43 -3.08	25.78 0.76 -2.62	23.18 0.64 -2.96	23.17 0.66 -2.02	27.53 0.80 -0.97	27.67 0.81 -0.90	24.28 0.66 -1.69	22.26 0.56 -2.32	21.38 0.52 -2.42	21.91 0.50 -2.23	22.06 0.52 -2.33	23.59 -0.12 -3.19	31.07 -0.21 -1.31	30.17 -0.21 -0.87	26.55 -0.18 -0.50	25.08 -0.17 -0.43	19.24 -0.07 -1.70	22.90 -0.05 0.00
SENECA___115KV_TB3 355854	10.76 0.18 -4.68	9.88 0.13 -4.46	9.23 0.02 -4.23	9.05 0.06 -4.25	9.34 0.06 -4.36	10.64 0.20 -4.74	18.10 0.27 -4.36	26.07 -0.04 -3.72	23.79 0.02 -4.20	23.21 -0.14 -2.86	26.70 -0.44 -1.38	27.01 -0.23 -1.27	24.42 0.09 -2.39	22.75 0.08 -3.28	21.99 0.11 -3.43	22.46 0.12 -3.17	22.64 0.13 -3.30	25.65 0.04 -5.09	31.90 -0.15 -2.08	30.71 -0.18 -1.38	26.96 -0.08 -0.80	25.50 0.00 -0.68	20.39 0.07 -2.71	23.54 0.60 0.00
SENECA___ENERGY 23797	10.20 0.15 -4.16	9.37 0.12 -3.97	8.81 0.07 -3.76	8.60 0.08 -3.77	8.88 0.09 -3.87	10.08 0.17 -4.21	17.73 0.39 -3.88	26.31 0.61 -3.30	23.87 0.57 -3.73	23.55 0.51 -2.54	27.55 0.57 -1.23	27.70 0.60 -1.13	24.59 0.53 -2.12	22.77 0.46 -2.92	21.94 0.44 -3.05	22.43 0.44 -2.81	22.60 0.46 -2.93	25.40 0.43 -4.45	32.45 0.66 -1.82	31.28 0.56 -1.21	27.41 0.47 -0.70	25.84 0.42 -0.60	20.30 0.32 -2.37	23.40 0.46 0.00
SHOEMAKER___GT 23640	20.10 0.31 -13.90	18.81 0.27 -13.25	17.77 0.23 -12.56	17.58 0.22 -12.61	18.10 0.23 -12.95	20.06 0.28 -14.08	27.17 0.74 -12.96	34.78 1.34 -11.04	33.19 1.15 -12.47	30.16 1.17 -8.50	31.35 1.49 -4.10	31.23 1.48 -3.78	30.31 1.27 -7.10	30.26 1.12 -9.75	29.76 1.13 -10.19	29.75 1.17 -9.40	30.18 1.17 -9.80	36.87 1.25 -15.10	37.98 1.83 -6.18	35.41 1.80 -4.11	30.14 1.52 -2.38	28.24 1.39 -2.03	26.54 0.88 -8.05	24.11 1.17 0.00
SHOEMAKR_138KV_BK 111 55601	20.01 0.31 -13.80	18.72 0.27 -13.17	17.68 0.23 -12.47	17.50 0.22 -12.52	18.01 0.23 -12.87	19.96 0.28 -13.99	27.07 0.73 -12.88	34.67 1.30 -10.97	33.11 1.15 -12.38	30.09 1.15 -8.44	31.29 1.47 -4.07	31.21 1.48 -3.76	30.24 1.25 -7.05	30.20 1.12 -9.69	29.68 1.11 -10.12	29.67 1.15 -9.34	30.10 1.15 -9.74	36.76 1.23 -15.00	37.91 1.80 -6.15	35.39 1.80 -4.08	30.09 1.50 -2.37	28.20 1.37 -2.02	26.47 0.86 -8.00	24.11 1.17 0.00

SHOREHAM_IC_1 23715	23.16 0.73 -16.54	21.06 0.63 -15.14	19.87 0.57 -14.33	19.70 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.26 1.74 -25.06	44.96 2.98 -19.58	44.79 2.62 -22.59	44.80 2.75 -21.56	65.94 3.25 -36.94	60.69 3.30 -31.43	55.25 2.83 -30.47	53.47 2.54 -31.55	55.17 2.49 -34.24	57.22 2.59 -35.46	75.03 2.59 -53.22	91.09 2.54 -68.02	83.91 3.92 -50.02	104.23 3.83 -70.89	47.66 3.44 -17.99	46.70 3.10 -18.78	47.95 2.24 -28.11	29.24 2.87 -3.43
SHOREHAM_IC_2 23716	23.16 0.73 -16.54	21.06 0.63 -15.14	19.87 0.57 -14.33	19.70 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.26 1.74 -25.06	44.96 2.98 -19.58	44.79 2.62 -22.59	44.80 2.75 -21.56	65.94 3.25 -36.94	60.69 3.30 -31.43	55.25 2.83 -30.47	53.47 2.54 -31.55	55.17 2.49 -34.24	57.22 2.59 -35.46	75.03 2.59 -53.22	91.09 2.54 -68.02	83.91 3.92 -50.02	104.23 3.83 -70.89	47.66 3.44 -17.99	46.70 3.10 -18.78	47.95 2.24 -28.11	29.24 2.87 -3.43
SISSONVILLE____ 23735	6.28 -0.15 -0.53	5.68 -0.12 -0.51	5.36 -0.09 -0.48	5.13 -0.10 -0.48	5.30 -0.11 -0.50	6.08 -0.15 -0.54	13.54 -0.42 -0.50	22.13 -0.69 -0.42	19.42 -0.63 -0.48	20.25 -0.57 -0.33	25.24 -0.67 -0.16	25.23 -0.88 -0.14	21.20 -1.01 -0.27	18.87 -0.89 -0.37	17.97 -0.87 -0.39	18.64 -0.90 -0.36	18.59 -1.00 -0.37	20.09 -1.01 -0.58	28.85 -1.35 -0.24	28.40 -1.27 -0.16	25.30 -1.02 -0.09	24.18 -0.72 -0.08	17.53 -0.39 -0.31	22.37 -0.57 0.00
SITHE_IND_GS1 24169	8.30 -0.08 -2.48	7.57 -0.07 -2.36	7.13 -0.08 -2.24	6.92 -0.08 -2.25	7.15 -0.07 -2.31	8.14 -0.07 -2.51	15.60 -0.18 -2.31	24.03 -0.34 -1.97	21.50 -0.29 -2.22	21.68 -0.33 -1.51	26.05 -0.44 -0.73	26.20 -0.44 -0.67	22.85 -0.35 -1.27	20.81 -0.31 -1.74	19.93 -0.33 -1.82	20.51 -0.34 -1.67	20.61 -0.35 -1.75	22.82 -0.41 -2.71	30.45 -0.63 -1.11	29.62 -0.62 -0.74	26.11 -0.55 -0.43	24.69 -0.50 -0.36	18.77 -0.28 -1.45	22.58 -0.37 0.00
SITHE_IND_GS2 24170	8.30 -0.08 -2.48	7.57 -0.07 -2.36	7.13 -0.08 -2.24	6.92 -0.08 -2.25	7.15 -0.07 -2.31	8.14 -0.07 -2.51	15.60 -0.18 -2.31	24.03 -0.34 -1.97	21.50 -0.29 -2.22	21.68 -0.33 -1.51	26.05 -0.44 -0.73	26.20 -0.44 -0.67	22.85 -0.35 -1.27	20.81 -0.31 -1.74	19.93 -0.33 -1.82	20.51 -0.34 -1.67	20.61 -0.35 -1.75	22.82 -0.41 -2.71	30.45 -0.63 -1.11	29.62 -0.62 -0.74	26.11 -0.55 -0.43	24.69 -0.50 -0.36	18.77 -0.28 -1.45	22.58 -0.37 0.00
SITHE_IND_GS3 24171	8.30 -0.08 -2.48	7.57 -0.07 -2.36	7.13 -0.08 -2.24	6.92 -0.08 -2.25	7.15 -0.07 -2.31	8.14 -0.07 -2.51	15.60 -0.18 -2.31	24.03 -0.34 -1.97	21.50 -0.29 -2.22	21.68 -0.33 -1.51	26.05 -0.44 -0.73	26.20 -0.44 -0.67	22.85 -0.35 -1.27	20.81 -0.31 -1.74	19.93 -0.33 -1.82	20.51 -0.34 -1.67	20.61 -0.35 -1.75	22.82 -0.41 -2.71	30.45 -0.63 -1.11	29.62 -0.62 -0.74	26.11 -0.55 -0.43	24.69 -0.50 -0.36	18.77 -0.28 -1.45	22.58 -0.37 0.00
SITHE_IND_GS4 24172	8.30 -0.08 -2.48	7.57 -0.07 -2.36	7.13 -0.08 -2.24	6.92 -0.08 -2.25	7.15 -0.07 -2.31	8.14 -0.07 -2.51	15.60 -0.18 -2.31	24.03 -0.34 -1.97	21.50 -0.29 -2.22	21.68 -0.33 -1.51	26.05 -0.44 -0.73	26.20 -0.44 -0.67	22.85 -0.35 -1.27	20.81 -0.31 -1.74	19.93 -0.33 -1.82	20.51 -0.34 -1.67	20.61 -0.35 -1.75	22.82 -0.41 -2.71	30.45 -0.63 -1.11	29.62 -0.62 -0.74	26.11 -0.55 -0.43	24.69 -0.50 -0.36	18.77 -0.28 -1.45	22.58 -0.37 0.00
SITHE____BATAVIA 24024	10.44 0.28 -4.27	9.58 0.23 -4.07	8.96 0.12 -3.86	8.77 0.15 -3.87	9.05 0.16 -3.98	10.31 0.29 -4.32	17.94 0.50 -3.98	26.13 0.34 -3.39	23.83 0.43 -3.83	23.43 0.33 -2.61	27.14 0.13 -1.26	27.44 0.31 -1.16	24.63 0.51 -2.18	22.86 0.48 -3.00	22.05 0.48 -3.13	22.56 0.50 -2.89	22.68 0.46 -3.01	25.57 0.43 -4.61	32.36 0.51 -1.89	31.18 0.41 -1.25	27.38 0.42 -0.73	25.84 0.40 -0.62	20.42 0.35 -2.46	23.56 0.62 0.00
SITHE____INDEPEND 23800	8.30 -0.08 -2.48	7.57 -0.07 -2.36	7.13 -0.08 -2.24	6.92 -0.08 -2.25	7.15 -0.07 -2.31	8.14 -0.07 -2.51	15.60 -0.18 -2.31	24.03 -0.34 -1.97	21.50 -0.29 -2.22	21.68 -0.33 -1.51	26.05 -0.44 -0.73	26.20 -0.44 -0.67	22.85 -0.35 -1.27	20.81 -0.31 -1.74	19.93 -0.33 -1.82	20.51 -0.35 -1.67	20.61 -0.35 -1.75	22.80 -0.41 -2.69	30.44 -0.63 -1.10	29.62 -0.62 -0.73	26.11 -0.55 -0.42	24.69 -0.50 -0.36	18.76 -0.28 -1.43	22.58 -0.37 0.00
SITHE____MASSENA 23902	5.78 -0.12 0.00	5.21 -0.08 0.00	4.92 -0.06 0.00	4.68 -0.07 0.00	4.84 -0.08 0.00	5.58 -0.11 0.00	13.13 -0.34 0.00	21.82 -0.58 0.00	19.04 -0.53 0.00	20.00 -0.49 0.00	25.19 -0.57 0.00	25.35 -0.62 0.00	21.35 -0.59 0.00	18.86 -0.52 0.00	17.95 -0.50 0.00	18.64 -0.54 0.00	18.65 -0.56 0.00	19.95 -0.57 0.00	29.22 -0.75 0.00	28.80 -0.71 0.00	25.66 -0.58 0.00	24.32 -0.50 0.00	17.29 -0.32 0.00	22.53 -0.41 0.00
SITHE____OGDNSBRG 24021	6.22 -0.09 -0.42	5.63 -0.06 -0.40	5.32 -0.04 -0.38	5.08 -0.05 -0.38	5.25 -0.06 -0.39	6.03 -0.10 -0.43	13.56 -0.30 -0.39	22.24 -0.49 -0.33	19.48 -0.47 -0.38	20.34 -0.41 -0.26	25.42 -0.46 -0.12	25.51 -0.57 -0.11	21.54 -0.61 -0.22	19.12 -0.56 -0.30	18.22 -0.53 -0.31	18.89 -0.58 -0.29	18.87 -0.63 -0.30	20.40 -0.57 -0.45	29.43 -0.72 -0.19	28.98 -0.65 -0.12	25.81 -0.50 -0.07	24.53 -0.35 -0.06	17.62 -0.23 -0.24	22.58 -0.37 0.00
SITHE____STERLING 23777	7.78 0.17 -1.72	7.07 0.14 -1.64	6.65 0.12 -1.55	6.43 0.13 -1.56	6.65 0.13 -1.60	7.61 0.18 -1.74	15.48 0.42 -1.60	24.50 0.74 -1.36	21.74 0.63 -1.54	22.18 0.64 -1.05	27.01 0.75 -0.51	27.19 0.75 -0.47	23.45 0.64 -0.88	21.09 0.50 -1.20	20.20 0.50 -1.26	20.86 0.52 -1.16	20.94 0.52 -1.21	22.95 0.62 -1.81	31.64 0.93 -0.74	30.95 0.94 -0.49	27.36 0.84 -0.29	25.83 0.77 -0.24	19.09 0.51 -0.97	23.66 0.71 0.00
SLEIGHT__34_KV_TB1 80719	9.92 0.11 -3.92	9.11 0.08 -3.73	8.55 0.03 -3.54	8.34 0.04 -3.55	8.62 0.05 -3.65	9.79 0.13 -3.97	17.37 0.26 -3.65	25.89 0.38 -3.11	23.44 0.35 -3.51	23.24 0.35 -2.39	27.24 0.33 -1.15	27.45 0.42 -1.07	24.34 0.39 -2.00	22.52 0.39 -2.75	21.67 0.35 -2.87	22.19 0.36 -2.65	22.30 0.33 -2.76	25.06 0.29 -4.26	32.10 0.39 -1.74	30.96 0.30 -1.16	27.14 0.24 -0.67	25.57 0.17 -0.57	20.04 0.16 -2.27	23.08 0.14 0.00
SOUTH CAIRO____GT 23612	24.33 0.24 -18.20	22.85 0.20 -17.36	21.60 0.18 -16.45	21.43 0.17 -16.51	22.07 0.20 -16.96	24.38 0.24 -18.44	31.10 0.66 -16.97	38.00 1.14 -14.46	36.89 1.00 -16.32	32.59 0.96 -11.13	32.33 1.21 -5.37	32.12 1.20 -4.95	32.23 0.99 -9.30	32.95 0.80 -12.77	32.60 0.81 -13.34	32.39 0.90 -12.31	33.02 0.98 -12.83	41.45 1.17 -19.76	39.74 1.68 -8.10	36.50 1.62 -5.38	30.66 1.31 -3.12	28.72 1.24 -2.66	28.83 0.69 -10.53	24.07 1.12 0.00
SOUTH HAMPTN____IC 23720	23.26 0.83 -16.54	21.15 0.72 -15.14	19.96 0.65 -14.33	19.78 0.63 -14.40	20.35 0.65 -14.79	22.56 0.79 -16.08	40.37 2.03 -24.87	45.22 3.54 -19.29	44.93 3.11 -22.24	45.32 3.26 -21.57	66.70 3.94 -37.00	61.44 4.00 -31.47	55.90 3.44 -30.51	54.05 3.08 -31.58	55.71 2.99 -34.28	57.77 3.09 -35.50	75.60 3.09 -53.30	91.70 3.06 -68.12	84.77 4.70 -50.10	105.12 4.60 -71.01	48.34 4.09 -18.02	47.32 3.70 -18.80	48.35 2.61 -28.14	29.67 3.30 -3.42

SOUTHDOWN_115KV_TB1 355954	10.95 0.18 -4.88	10.05 0.12 -4.65	9.39 0.00 -4.41	9.22 0.04 -4.42	9.51 0.05 -4.54	10.86 0.22 -4.94	18.36 0.35 -4.55	26.50 0.22 -3.87	24.26 0.31 -4.37	23.66 0.18 -2.98	27.19 0.00 -1.44	27.56 0.26 -1.33	25.00 0.57 -2.49	23.35 0.54 -3.42	22.58 0.55 -3.58	23.07 0.59 -3.30	23.34 0.69 -3.44	26.50 0.68 -5.30	32.98 0.84 -2.17	31.75 0.80 -1.44	27.75 0.68 -0.84	26.25 0.72 -0.71	20.93 0.49 -2.83	24.30 1.35 0.00
SOUTHOLD_69_KV_BK 2 55809	23.32 0.89 -16.54	21.19 0.78 -15.13	20.01 0.70 -14.33	19.82 0.68 -14.39	20.40 0.70 -14.78	22.62 0.85 -16.07	40.53 2.19 -24.87	45.47 3.79 -19.28	45.20 3.39 -22.24	45.63 3.57 -21.57	67.09 4.35 -36.98	61.87 4.44 -31.46	56.23 3.80 -30.50	54.32 3.37 -31.57	55.98 3.27 -34.27	58.06 3.39 -35.49	75.89 3.40 -53.28	92.01 3.39 -68.10	85.19 5.15 -50.08	105.56 5.08 -70.98	48.73 4.49 -18.01	47.71 4.10 -18.80	36.64 2.85 -16.18	30.09 3.72 -3.42
SOUTHOLD___IC 23719	23.32 0.89 -16.54	21.20 0.78 -15.14	20.01 0.70 -14.33	19.83 0.68 -14.40	20.41 0.70 -14.79	22.63 0.85 -16.08	40.53 2.20 -24.87	45.52 3.83 -19.29	45.20 3.39 -22.24	45.63 3.57 -21.57	67.09 4.35 -36.99	61.82 4.39 -31.46	56.24 3.80 -30.50	54.33 3.37 -31.58	55.98 3.27 -34.27	58.06 3.40 -35.49	75.89 3.40 -53.28	92.00 3.39 -68.09	85.23 5.18 -50.08	105.57 5.08 -70.98	48.73 4.48 -18.01	47.69 4.07 -18.79	48.57 2.84 -28.13	29.99 3.62 -3.42
SPIERFLS_115KV_TB 1 80737	25.86 0.26 -19.70	24.29 0.22 -18.79	22.97 0.20 -17.80	22.81 0.19 -17.87	23.48 0.21 -18.36	25.92 0.26 -19.96	32.58 0.74 -18.37	39.35 1.30 -15.65	38.46 1.21 -17.67	33.85 1.31 -12.05	33.11 1.55 -5.81	32.89 1.56 -5.36	33.32 1.32 -10.06	34.27 1.07 -13.82	33.90 1.01 -14.44	33.60 1.09 -13.33	34.20 1.09 -13.89	43.18 1.25 -21.40	40.59 1.86 -8.77	37.13 1.80 -5.82	31.16 1.55 -3.37	29.06 1.37 -2.88	29.85 0.83 -11.41	24.02 1.08 0.00
ST LAWRENCE____ 23600	5.73 -0.17 0.00	5.16 -0.13 0.00	4.87 -0.10 0.00	4.64 -0.11 0.00	4.80 -0.11 0.00	5.53 -0.17 0.00	13.05 -0.42 0.00	21.70 -0.69 0.00	18.95 -0.63 0.00	19.88 -0.61 0.00	25.03 -0.72 0.00	25.22 -0.75 0.00	21.26 -0.68 0.00	18.78 -0.60 0.00	17.87 -0.57 0.00	18.56 -0.61 0.00	18.59 -0.62 0.00	19.88 -0.64 0.00	29.10 -0.87 0.00	28.65 -0.86 0.00	25.50 -0.73 0.00	24.15 -0.67 0.00	17.17 -0.44 0.00	22.35 -0.60 0.00
STATE_CA_115KV_115_LB 55624	25.39 0.17 -19.33	23.87 0.15 -18.44	22.57 0.13 -17.47	22.41 0.13 -17.54	23.07 0.14 -18.01	25.47 0.18 -19.59	31.95 0.46 -18.03	38.54 0.78 -15.36	37.60 0.69 -17.34	33.03 0.72 -11.82	32.14 0.91 -5.70	32.61 0.79 -5.26	33.61 0.66 -9.88	33.28 0.66 -13.57	32.95 0.69 -14.17	33.53 0.69 -13.08	42.28 0.76 -13.63	39.68 1.11 -21.00	36.28 1.06 -8.60	30.46 0.92 -5.71	28.49 0.84 -3.31	29.26 0.46 -2.82	23.59 0.64 -11.19	0.00
STATE_ST_34_KV_LOAD 55959	10.24 0.19 -4.15	9.40 0.16 -3.95	8.84 0.12 -3.75	8.63 0.12 -3.76	8.91 0.13 -3.86	10.10 0.21 -4.20	17.93 0.59 -3.87	26.75 1.05 -3.29	24.19 0.90 -3.72	23.93 0.90 -2.54	28.06 1.08 -1.22	28.21 1.12 -1.13	25.00 0.94 -2.12	23.13 0.83 -2.91	22.26 0.77 -3.04	22.77 0.79 -2.81	22.94 0.81 -2.92	25.81 0.78 -4.51	32.95 1.14 -1.85	31.77 1.03 -1.23	27.86 0.92 -0.71	26.25 0.82 -0.61	20.61 0.60 -2.40	23.72 0.78 0.00
STATION 5_MISC_HYD 23604	9.99 0.18 -3.92	9.17 0.14 -3.74	8.59 0.08 -3.54	8.39 0.09 -3.55	8.66 0.10 -3.65	9.86 0.19 -3.97	17.50 0.38 -3.65	25.89 0.38 -3.11	23.52 0.43 -3.51	23.28 0.39 -2.40	27.24 0.33 -1.16	27.48 0.44 -1.07	24.47 0.53 -2.00	22.64 0.50 -2.75	21.80 0.48 -2.87	22.31 0.48 -2.65	22.41 0.44 -2.76	25.16 0.41 -4.23	32.24 0.54 -1.73	31.10 0.44 -1.15	27.32 0.42 -0.67	25.76 0.37 -0.57	20.18 0.32 -2.26	23.26 0.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	10.05 0.19 -3.97	9.22 0.15 -3.78	8.66 0.10 -3.58	8.45 0.10 -3.60	8.73 0.12 -3.70	9.92 0.21 -4.02	17.60 0.43 -3.70	26.20 0.65 -3.15	23.72 0.59 -3.56	23.52 0.59 -2.43	27.54 0.62 -1.17	27.72 0.68 -1.08	24.65 0.68 -2.03	22.79 0.62 -2.78	21.95 0.59 -2.91	22.48 0.61 -2.68	22.58 0.58 -2.80	25.41 0.57 -4.31	32.54 0.81 -1.77	31.39 0.71 -1.17	27.52 0.60 -0.68	25.92 0.52 -0.58	20.30 0.39 -2.30	23.40 0.46 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	9.94 0.13 -3.91	9.12 0.11 -3.73	8.55 0.04 -3.53	8.35 0.06 -3.55	8.62 0.06 -3.64	9.80 0.14 -3.96	17.38 0.27 -3.65	25.82 0.31 -3.11	23.39 0.31 -3.51	23.19 0.31 -2.39	27.14 0.23 -1.15	27.34 0.31 -1.06	24.35 0.42 -2.00	22.53 0.41 -2.74	21.68 0.37 -2.87	22.21 0.38 -2.64	22.31 0.35 -2.76	25.08 0.31 -4.25	32.10 0.39 -1.74	30.96 0.30 -1.16	27.17 0.26 -0.67	25.62 0.22 -0.57	20.07 0.19 -2.26	23.13 0.18 0.00
STA_56___34_KV_BUS2 355983	9.94 0.13 -3.91	9.12 0.11 -3.73	8.55 0.04 -3.53	8.35 0.06 -3.55	8.62 0.06 -3.64	9.80 0.14 -3.96	17.38 0.27 -3.65	25.82 0.31 -3.11	23.39 0.31 -3.51	23.19 0.31 -2.39	27.14 0.23 -1.15	27.34 0.31 -1.06	24.35 0.42 -2.00	22.53 0.41 -2.74	21.68 0.37 -2.87	22.21 0.38 -2.64	22.31 0.35 -2.76	25.08 0.31 -4.25	32.10 0.39 -1.74	30.96 0.30 -1.16	27.17 0.26 -0.67	25.62 0.22 -0.57	20.07 0.19 -2.26	23.13 0.18 0.00
STA_67___115KV_BK2 355882	9.98 0.17 -3.92	9.15 0.13 -3.73	8.58 0.07 -3.54	8.38 0.08 -3.55	8.65 0.09 -3.65	9.84 0.18 -3.97	17.47 0.35 -3.65	25.89 0.38 -3.11	23.48 0.39 -3.51	23.24 0.35 -2.39	27.19 0.28 -1.15	27.42 0.39 -1.07	24.40 0.46 -2.00	22.58 0.45 -2.75	21.74 0.42 -2.87	22.27 0.44 -2.65	22.37 0.40 -2.76	25.15 0.37 -4.26	32.16 0.45 -1.74	31.05 0.38 -1.16	27.25 0.34 -0.67	25.69 0.30 -0.57	20.16 0.28 -2.27	23.24 0.30 0.00
STA_7___115KV_9TRANS 80674	10.01 0.19 -3.92	9.19 0.16 -3.74	8.61 0.09 -3.54	8.41 0.10 -3.56	8.68 0.11 -3.65	9.87 0.21 -3.97	17.55 0.43 -3.65	26.05 0.54 -3.11	23.62 0.53 -3.51	23.40 0.51 -2.40	27.40 0.49 -1.16	27.63 0.60 -1.07	24.58 0.64 -2.00	22.75 0.62 -2.75	21.89 0.57 -2.87	22.42 0.59 -2.65	22.53 0.56 -2.76	25.33 0.55 -4.26	32.43 0.72 -1.74	31.32 0.65 -1.16	27.46 0.55 -0.67	25.89 0.50 -0.57	20.28 0.41 -2.27	23.38 0.44 0.00
STA_82___115KV_TB1 80780	10.00 0.17 -3.93	9.17 0.14 -3.75	8.60 0.07 -3.55	8.40 0.09 -3.57	8.67 0.09 -3.66	9.86 0.18 -3.98	17.48 0.35 -3.67	25.93 0.40 -3.12	23.49 0.39 -3.53	23.27 0.37 -2.40	27.22 0.31 -1.16	27.45 0.42 -1.07	24.43 0.48 -2.01	22.61 0.47 -2.76	21.77 0.44 -2.88	22.30 0.46 -2.66	22.38 0.40 -2.77	25.18 0.39 -4.27	32.20 0.48 -1.75	31.08 0.41 -1.16	27.27 0.37 -0.67	25.72 0.32 -0.57	20.17 0.28 -2.28	23.26 0.32 0.00
STEEL___WIND 323596	10.75 0.18 -4.68	9.88 0.13 -4.46	9.23 0.02 -4.23	9.05 0.05 -4.25	9.34 0.06 -4.36	10.64 0.20 -4.74	18.09 0.26 -4.36	25.96 -0.16 -3.72	23.79 0.02 -4.20	23.19 -0.16 -2.86	26.67 -0.46 -1.38	26.98 -0.26 -1.27	24.40 0.07 -2.39	22.73 0.06 -3.28	21.97 0.09 -3.43	22.44 0.10 -3.17	22.63 0.12 -3.30	25.58 0.00 -5.06	31.86 -0.18 -2.07	30.65 -0.24 -1.38	26.93 -0.10 -0.80	25.48 -0.02 -0.68	20.38 0.07 -2.70	23.56 0.62 0.00

STEPHTWN_115KV_BK_2 55603	25.28 0.19 -19.19	23.75 0.17 -18.30	22.46 0.15 -17.34	22.30 0.15 -17.41	22.96 0.16 -17.88	25.35 0.21 -19.44	31.88 0.53 -17.89	38.56 0.92 -15.24	37.60 0.82 -17.21	33.09 0.86 -11.73	32.44 1.03 -5.66	32.25 1.06 -5.22	32.66 0.92 -9.80	33.62 0.78 -13.46	33.27 0.76 -14.07	32.96 0.81 -12.98	33.57 0.83 -13.53	42.27 0.90 -20.84	39.82 1.32 -8.54	36.45 1.27 -5.67	30.62 1.10 -3.29	28.62 0.99 -2.80	29.28 0.56 -11.11	23.72 0.78 0.00
STEUBEN_REC_LFGE 323667	11.65 0.26 -5.49	10.73 0.20 -5.24	10.06 0.12 -4.97	9.87 0.14 -4.99	10.19 0.15 -5.12	11.57 0.31 -5.57	19.21 0.62 -5.12	27.64 0.87 -4.37	25.28 0.78 -4.93	24.51 0.66 -3.36	28.02 0.64 -1.62	28.24 0.78 -1.49	25.52 0.77 -2.81	23.92 0.68 -3.86	23.18 0.70 -4.03	23.64 0.75 -3.72	23.89 0.81 -3.87	27.34 0.84 -5.98	33.64 1.23 -2.45	32.28 1.15 -1.63	28.20 1.02 -0.94	26.57 0.94 -0.80	21.46 0.67 -3.19	24.18 1.24 0.00
STILLWATER___SOLAR 323814	25.84 0.29 -19.65	24.28 0.25 -18.74	22.96 0.22 -17.76	22.80 0.22 -17.83	23.46 0.23 -18.32	25.90 0.28 -19.91	32.55 0.75 -18.33	39.29 1.28 -15.61	38.36 1.15 -17.63	33.74 1.23 -12.02	33.02 1.47 -5.79	32.82 1.51 -5.35	33.25 1.27 -10.04	34.24 1.07 -13.79	33.89 1.03 -14.41	33.57 1.09 -13.29	34.18 1.11 -13.86	43.10 1.23 -21.35	40.54 1.83 -8.75	37.06 1.74 -5.81	31.15 1.55 -3.37	29.08 1.39 -2.87	29.85 0.86 -11.38	24.09 1.15 0.00
STONY___BROOK 24151	23.09 0.65 -16.54	21.00 0.58 -15.14	19.82 0.51 -14.33	19.64 0.49 -14.40	20.21 0.51 -14.79	22.39 0.62 -16.08	41.42 1.64 -26.32	46.68 2.78 -21.51	46.90 2.43 -24.90	45.08 2.54 -22.04	67.38 2.91 -38.72	61.85 2.96 -32.92	56.20 2.54 -31.71	54.35 2.29 -32.68	56.15 2.23 -35.48	58.30 2.32 -36.81	77.06 2.32 -55.53	93.59 2.26 -70.81	85.85 3.50 -52.38	107.48 3.45 -74.52	48.10 3.07 -18.80	47.24 2.85 -19.57	48.67 2.02 -29.04	28.96 2.57 -3.45
STURGEON_POOL_HYD 23609	22.24 0.32 -16.02	20.85 0.29 -15.28	19.71 0.25 -14.48	19.52 0.24 -14.54	20.09 0.24 -14.93	22.21 0.28 -16.23	29.10 0.69 -14.94	36.38 1.25 -12.73	35.06 1.12 -14.37	31.42 1.13 -9.80	31.97 1.49 -4.72	31.83 1.51 -4.36	31.38 1.25 -8.19	31.75 1.12 -11.24	31.34 1.14 -11.75	31.21 1.19 -10.84	31.70 1.19 -11.30	39.17 1.25 -17.39	38.92 1.83 -7.12	36.07 1.83 -4.73	30.52 1.55 -2.74	28.55 1.39 -2.34	27.76 0.88 -9.27	24.27 1.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.44 0.33 -14.21	19.13 0.29 -13.55	18.07 0.25 -12.84	17.88 0.24 -12.89	18.40 0.25 -13.24	20.39 0.30 -14.40	27.47 0.75 -13.25	35.05 1.37 -11.29	33.53 1.21 -12.74	30.41 1.23 -8.69	31.52 1.57 -4.19	31.42 1.58 -3.86	30.54 1.34 -7.26	30.56 1.20 -9.97	30.04 1.18 -10.42	30.02 1.23 -9.61	30.46 1.23 -10.02	37.26 1.29 -15.44	38.21 1.92 -6.33	35.60 1.89 -4.20	30.24 1.57 -2.44	28.31 1.41 -2.08	26.74 0.90 -8.23	24.16 1.22 0.00
SWANROAD_115KV_TB1 355699	10.50 0.12 -4.48	9.65 0.09 -4.27	9.01 -0.01 -4.05	8.84 0.02 -4.07	9.12 0.03 -4.18	10.38 0.14 -4.54	17.70 0.05 -4.18	25.42 -0.54 -3.56	23.16 -0.43 -4.02	22.64 -0.59 -2.74	26.05 -1.03 -1.32	26.36 -0.83 -1.22	23.79 -0.44 -2.29	22.14 -0.39 -3.15	21.42 -0.31 -3.29	21.88 -0.33 -3.03	22.02 -0.35 -3.16	24.90 -0.49 -4.87	31.00 -0.96 -2.00	29.83 -1.00 -1.33	26.27 -0.73 -0.77	24.86 -0.62 -0.65	19.89 -0.32 -2.60	22.74 -0.21 0.00
SYNERGY___BIOGAS 323694	10.44 0.28 -4.27	9.58 0.23 -4.07	8.96 0.12 -3.86	8.77 0.15 -3.87	9.05 0.16 -3.98	10.31 0.29 -4.32	17.94 0.50 -3.98	26.13 0.34 -3.39	23.83 0.43 -3.83	23.43 0.33 -2.61	27.14 0.13 -1.26	27.44 0.31 -1.16	24.63 0.51 -2.18	22.86 0.48 -3.00	22.05 0.48 -3.13	22.56 0.50 -2.89	22.68 0.46 -3.01	25.57 0.43 -4.61	32.36 0.51 -1.89	31.18 0.41 -1.25	27.38 0.42 -0.73	25.84 0.40 -0.62	20.42 0.35 -2.46	23.56 0.62 0.00
SYRACUSE___ENERGY_ST1 323597	9.80 0.17 -3.74	8.98 0.13 -3.56	8.46 0.10 -3.38	8.24 0.10 -3.39	8.51 0.11 -3.48	9.65 0.17 -3.79	17.33 0.38 -3.48	26.04 0.67 -2.97	23.49 0.57 -3.35	23.35 0.57 -2.28	27.53 0.67 -1.10	27.69 0.70 -1.02	24.42 0.57 -1.91	22.51 0.50 -2.62	21.65 0.46 -2.74	22.17 0.46 -2.53	22.31 0.46 -2.64	24.91 0.33 -4.06	32.08 0.45 -1.66	31.03 0.41 -1.10	27.24 0.37 -0.64	25.71 0.35 -0.55	20.04 0.26 -2.16	23.29 0.34 0.00
SYRACUSE___ENERGY_ST2 323598	9.80 0.17 -3.74	8.98 0.13 -3.56	8.46 0.10 -3.38	8.24 0.10 -3.39	8.51 0.11 -3.48	9.65 0.17 -3.79	17.33 0.38 -3.48	26.04 0.67 -2.97	23.49 0.57 -3.35	23.35 0.57 -2.28	27.53 0.67 -1.10	27.69 0.70 -1.02	24.42 0.57 -1.91	22.51 0.50 -2.62	21.65 0.46 -2.74	22.17 0.46 -2.53	22.31 0.46 -2.64	24.91 0.33 -4.06	32.08 0.45 -1.66	31.03 0.41 -1.10	27.24 0.37 -0.64	25.71 0.35 -0.55	20.04 0.26 -2.16	23.29 0.34 0.00
SYRACUSE___POWER 24017	9.74 0.11 -3.73	8.93 0.09 -3.55	8.41 0.06 -3.37	8.20 0.07 -3.38	8.46 0.07 -3.47	9.59 0.12 -3.78	17.21 0.27 -3.48	25.83 0.47 -2.96	23.33 0.41 -3.34	23.16 0.39 -2.28	27.32 0.46 -1.10	27.45 0.47 -1.01	24.24 0.39 -1.90	22.35 0.35 -2.62	21.51 0.33 -2.73	22.03 0.33 -2.52	22.16 0.33 -2.63	24.84 0.27 -4.05	31.98 0.36 -1.66	30.93 0.32 -1.10	27.16 0.29 -0.64	25.61 0.25 -0.54	19.98 0.21 -2.16	23.22 0.28 0.00
TALLMAN__138KV_BK151 55660	20.76 0.36 -14.50	19.43 0.31 -13.83	18.36 0.27 -13.11	18.17 0.26 -13.16	18.70 0.27 -13.52	20.71 0.32 -14.70	27.83 0.83 -13.53	35.45 1.52 -11.52	33.95 1.37 -13.01	30.72 1.35 -8.87	31.76 1.73 -4.28	31.68 1.77 -3.95	30.84 1.49 -7.41	30.90 1.34 -10.18	30.39 1.31 -10.64	30.35 1.36 -9.81	30.80 1.36 -10.23	37.72 1.44 -15.77	38.58 2.16 -6.46	35.92 2.12 -4.29	30.48 1.76 -2.49	28.50 1.56 -2.12	27.00 0.99 -8.40	24.25 1.31 0.00
TEALLAVE_115KV_TB7 355573	9.40 0.09 -3.42	8.62 0.07 -3.26	8.11 0.04 -3.09	7.90 0.05 -3.10	8.15 0.05 -3.18	9.26 0.10 -3.46	16.87 0.22 -3.19	25.47 0.36 -2.71	22.95 0.31 -3.07	22.87 0.29 -2.09	27.10 0.33 -1.01	27.26 0.36 -0.93	23.99 0.31 -1.75	22.05 0.27 -2.40	21.19 0.24 -2.51	21.72 0.23 -2.31	21.85 0.23 -2.41	24.38 0.14 -3.71	31.67 0.18 -1.52	30.67 0.15 -1.01	26.95 0.13 -0.59	25.44 0.12 -0.50	19.71 0.12 -1.98	23.10 0.16 0.00
TELGRAPH_34_KV_EAST 80808	10.46 0.21 -4.35	9.60 0.17 -4.15	8.97 0.07 -3.93	8.79 0.09 -3.95	9.07 0.10 -4.05	10.33 0.23 -4.41	17.85 0.32 -4.06	25.90 0.04 -3.45	23.55 0.08 -3.90	23.13 -0.02 -2.66	26.73 -0.31 -1.28	27.02 -0.13 -1.18	24.32 0.15 -2.22	22.59 0.16 -3.05	21.80 0.17 -3.19	22.31 0.19 -2.94	22.43 0.15 -3.07	25.33 0.08 -4.73	31.81 -0.09 -1.94	30.65 -0.15 -1.29	26.93 -0.05 -0.75	25.46 0.00 -0.64	20.22 0.09 -2.52	23.24 0.30 0.00
TEMPLE___115KV_TB 2 55572	9.44 0.09 -3.44	8.65 0.07 -3.28	8.13 0.04 -3.11	7.92 0.05 -3.12	8.18 0.05 -3.21	9.29 0.10 -3.49	16.91 0.23 -3.21	25.52 0.38 -2.74	22.99 0.33 -3.09	22.91 0.31 -2.11	27.13 0.36 -1.02	27.30 0.39 -0.94	24.03 0.33 -1.76	22.09 0.29 -2.42	21.23 0.26 -2.53	21.76 0.25 -2.33	21.89 0.25 -2.43	24.43 0.16 -3.74	31.74 0.24 -1.53	30.73 0.21 -1.02	26.98 0.16 -0.59	25.47 0.15 -0.50	19.75 0.14 -2.00	23.13 0.18 0.00

TIANA___69_KV_BK 1 55817	23.23 0.80 -16.54	21.11 0.70 -15.13	19.93 0.63 -14.33	19.75 0.61 -14.39	20.32 0.62 -14.78	22.53 0.76 -16.07	40.29 1.95 -24.87	45.00 3.32 -19.28	44.79 2.97 -22.24	45.18 3.12 -21.57	66.49 3.76 -36.98	61.24 3.82 -31.46	55.71 3.27 -30.50	53.88 2.93 -31.57	55.55 2.84 -34.27	57.62 2.95 -35.49	75.45 2.96 -53.28	91.54 2.91 -68.10	84.51 4.46 -50.08	104.88 4.40 -70.98	48.16 3.91 -18.01	47.19 3.57 -18.80	36.31 2.52 -16.18	29.65 3.28 -3.42
TILDEN___115KV_TB1 80814	9.74 0.11 -3.73	8.93 0.09 -3.55	8.41 0.06 -3.37	8.20 0.07 -3.38	8.46 0.07 -3.47	9.59 0.12 -3.78	17.21 0.27 -3.48	25.83 0.47 -2.96	23.33 0.41 -3.34	23.16 0.39 -2.28	27.32 0.46 -1.10	27.45 0.47 -1.01	24.24 0.39 -1.90	22.35 0.35 -2.62	21.51 0.33 -2.73	22.03 0.33 -2.52	22.16 0.33 -2.63	24.84 0.27 -4.05	31.98 0.36 -1.66	30.93 0.32 -1.10	27.16 0.29 -0.64	25.61 0.25 -0.54	19.98 0.21 -2.16	23.22 0.28 0.00
TRIGEN___CC 323695	22.92 0.48 -16.54	20.85 0.44 -15.13	19.70 0.39 -14.33	19.51 0.38 -14.39	20.08 0.38 -14.78	22.22 0.45 -16.07	35.17 1.19 -20.52	37.08 2.08 -12.60	35.69 1.84 -14.28	35.32 1.91 -12.92	32.78 2.34 -4.68	32.67 2.39 -4.31	32.08 2.04 -8.10	32.34 1.82 -11.13	32.07 1.79 -11.84	32.07 1.84 -11.05	32.28 1.82 -11.25	39.57 1.81 -17.24	39.87 2.85 -7.06	37.00 2.80 -4.69	32.17 2.41 -3.53	31.51 2.16 -4.53	30.45 1.48 -11.36	28.18 1.95 -3.28
TRINITY___115KV___4 BK 55933	25.27 0.15 -19.22	23.75 0.14 -18.33	22.46 0.12 -17.37	22.31 0.12 -17.44	22.95 0.13 -17.91	25.34 0.17 -19.47	31.81 0.42 -17.93	38.39 0.72 -15.27	37.44 0.63 -17.24	32.91 0.66 -11.75	32.22 0.80 -5.67	32.03 0.83 -5.23	32.46 0.70 -9.82	33.47 0.60 -13.49	33.15 0.61 -14.09	32.81 0.63 -13.00	33.40 0.63 -13.55	42.10 0.70 -20.88	39.54 1.02 -8.55	36.16 0.97 -5.68	30.39 0.87 -3.29	28.40 0.77 -2.81	29.16 0.42 -11.13	23.54 0.60 0.00
UNION___PROCESSING_DRP 323587	10.00 0.17 -3.93	9.18 0.14 -3.75	8.60 0.07 -3.56	8.40 0.09 -3.57	8.67 0.09 -3.67	9.87 0.18 -3.99	17.50 0.36 -3.67	25.95 0.43 -3.13	23.51 0.41 -3.53	23.27 0.37 -2.41	27.22 0.31 -1.16	27.46 0.42 -1.07	24.46 0.50 -2.01	22.63 0.48 -2.76	21.77 0.44 -2.88	22.30 0.46 -2.66	22.41 0.42 -2.77	25.19 0.39 -4.28	32.23 0.51 -1.75	31.08 0.41 -1.16	27.30 0.39 -0.67	25.74 0.35 -0.57	20.19 0.30 -2.28	23.26 0.32 0.00
UPPER HUDSON___HYD 24058	25.85 0.26 -19.70	24.29 0.22 -18.79	22.97 0.20 -17.80	22.81 0.19 -17.87	23.48 0.21 -18.36	25.92 0.26 -19.96	32.58 0.74 -18.37	39.39 1.34 -15.65	38.46 1.21 -17.67	33.86 1.31 -12.05	33.11 1.55 -5.81	32.91 1.58 -5.36	33.32 1.32 -10.06	34.27 1.07 -13.82	33.90 1.01 -14.44	33.60 1.09 -13.33	34.20 1.09 -13.89	43.17 1.25 -21.40	40.59 1.86 -8.76	37.13 1.80 -5.82	31.15 1.55 -3.37	29.06 1.36 -2.88	29.84 0.83 -11.41	23.93 0.99 0.00
UPPER RAQUET___HYD 24056	6.28 -0.15 -0.53	5.68 -0.12 -0.51	5.36 -0.09 -0.48	5.13 -0.10 -0.48	5.30 -0.11 -0.50	6.08 -0.15 -0.54	13.54 -0.42 -0.50	22.13 -0.69 -0.42	19.40 -0.65 -0.48	20.25 -0.57 -0.33	25.24 -0.67 -0.16	25.23 -0.88 -0.14	21.20 -1.01 -0.27	18.87 -0.89 -0.37	17.97 -0.87 -0.39	18.64 -0.90 -0.36	18.58 -1.00 -0.37	20.07 -0.98 -0.54	28.84 -1.35 -0.22	28.39 -1.27 -0.15	25.29 -1.02 -0.08	24.17 -0.72 -0.07	17.51 -0.39 -0.29	22.39 -0.55 0.00
VALLEY44_115KV_TB2 355964	10.91 0.08 -4.93	10.02 0.03 -4.70	9.37 -0.06 -4.46	9.20 -0.03 -4.47	9.49 -0.02 -4.60	10.80 0.10 -5.00	18.12 0.05 -4.60	25.98 -0.34 -3.92	23.78 -0.22 -4.42	23.04 -0.47 -3.02	26.39 -0.82 -1.45	26.66 -0.65 -1.34	24.13 -0.33 -2.52	22.55 -0.29 -3.46	21.82 -0.24 -3.62	22.27 -0.25 -3.34	22.48 -0.21 -3.48	25.62 -0.27 -5.36	31.71 -0.45 -2.20	30.46 -0.50 -1.46	26.61 -0.47 -0.85	25.17 -0.37 -0.72	20.20 -0.26 -2.86	23.75 0.80 0.00
VALLEY___115KV_TB 1-4 80826	6.33 0.03 -0.41	5.69 0.02 -0.39	5.36 0.01 -0.37	5.13 0.01 -0.37	5.30 0.01 -0.38	6.12 0.01 -0.41	13.85 0.00 -0.38	22.72 0.00 -0.32	19.94 0.00 -0.36	20.76 0.02 -0.25	25.95 0.08 -0.12	26.16 0.08 -0.11	22.24 0.09 -0.21	19.73 0.06 -0.29	18.78 0.04 -0.30	19.49 0.04 -0.28	19.55 0.06 -0.29	21.07 0.10 -0.44	30.24 0.09 -0.18	29.69 0.06 -0.12	26.36 0.05 -0.07	25.00 0.12 -0.06	17.95 0.11 -0.24	23.15 0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	15.91 0.36 -9.65	14.80 0.31 -9.21	13.98 0.28 -8.72	13.79 0.28 -8.76	14.20 0.29 -9.00	15.83 0.35 -9.78	23.39 0.92 -9.00	31.66 1.59 -7.67	29.64 1.41 -8.66	27.88 1.48 -5.90	30.40 1.80 -2.85	30.41 1.82 -2.63	28.43 1.56 -4.93	27.48 1.32 -6.78	26.82 1.29 -7.08	27.03 1.32 -6.53	27.29 1.27 -6.81	32.43 1.42 -10.49	36.30 2.04 -4.30	34.46 2.10 -2.85	29.72 1.84 -1.65	27.92 1.69 -1.41	24.31 1.11 -5.59	24.41 1.47 0.00
VISCHER___FERRY HYD 24020	25.61 0.24 -19.47	24.08 0.22 -18.57	22.77 0.19 -17.60	22.61 0.19 -17.67	23.26 0.20 -18.15	25.68 0.24 -19.73	32.25 0.62 -18.16	38.95 1.08 -15.47	37.98 0.94 -17.47	33.39 0.98 -11.91	32.68 1.19 -5.74	32.49 1.22 -5.30	32.92 1.03 -9.95	33.94 0.89 -13.67	33.59 0.87 -14.28	33.27 0.92 -13.17	33.87 0.92 -13.73	42.70 1.03 -21.15	40.13 1.50 -8.66	36.71 1.45 -5.75	30.83 1.26 -3.34	28.83 1.17 -2.84	29.59 0.71 -11.28	23.84 0.89 0.00
V_A_10_SYNC_DSASP 323832	10.37 0.17 -4.30	9.52 0.13 -4.10	8.90 0.04 -3.89	8.71 0.06 -3.90	9.00 0.07 -4.01	10.24 0.18 -4.36	17.73 0.26 -4.01	25.66 -0.16 -3.42	23.43 0.00 -3.86	22.98 -0.14 -2.63	26.61 -0.41 -1.27	26.88 -0.26 -1.17	24.14 0.00 -2.20	22.42 0.02 -3.02	21.64 0.04 -3.15	22.15 0.06 -2.91	22.26 0.02 -3.03	25.09 -0.08 -4.65	31.54 -0.33 -1.91	30.39 -0.38 -1.27	26.76 -0.21 -0.73	25.30 -0.15 -0.63	20.11 0.02 -2.48	22.99 0.05 0.00
V_CMM_10_SYNC_DSASP 323787	5.75 -0.15 0.00	5.18 -0.11 0.00	4.89 -0.09 0.00	4.65 -0.09 0.00	4.81 -0.10 0.00	5.56 -0.14 0.00	13.08 -0.39 0.00	21.75 -0.65 0.00	18.99 -0.59 0.00	19.94 -0.55 0.00	25.11 -0.64 0.00	25.27 -0.70 0.00	21.30 -0.64 0.00	18.84 -0.54 0.00	17.91 -0.54 0.00	18.62 -0.56 0.00	18.65 -0.56 0.00	19.95 -0.57 0.00	29.16 -0.81 0.00	28.74 -0.77 0.00	25.58 -0.65 0.00	24.22 -0.60 0.00	17.20 -0.40 0.00	22.39 -0.55 0.00
V_CMP_10_SYNC_DSASP 323788	5.78 -0.11 0.00	5.21 -0.08 0.00	4.89 -0.08 0.00	4.64 -0.11 0.00	4.80 -0.11 0.00	5.57 -0.13 0.00	13.14 -0.32 0.00	21.82 -0.58 0.00	19.02 -0.55 0.00	20.00 -0.49 0.00	25.42 -0.34 0.00	25.58 -0.39 0.00	21.52 -0.42 0.00	18.96 -0.43 0.00	18.04 -0.41 0.00	18.81 -0.36 0.00	18.88 -0.33 0.00	20.32 -0.21 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.74 -0.21 0.00
V_E_10_SYNC_DSASP 323830	13.47 0.41 -7.16	12.45 0.33 -6.83	11.74 0.29 -6.47	11.56 0.31 -6.50	11.91 0.32 -6.68	13.37 0.42 -7.26	21.21 1.06 -6.68	30.04 1.95 -5.69	27.62 1.62 -6.43	26.54 1.66 -4.38	29.82 1.96 -2.11	29.84 1.92 -1.95	27.25 1.65 -3.66	25.77 1.36 -5.03	25.08 1.38 -5.25	25.50 1.48 -4.85	25.74 1.48 -5.05	30.06 1.78 -7.75	35.78 2.64 -3.18	34.33 2.71 -2.11	29.82 2.36 -1.22	28.05 2.18 -1.04	23.20 1.46 -4.13	24.98 2.04 0.00

V_F_30_NSYNC___DSASP 323816	25.86 0.29 -19.67	24.30 0.25 -18.76	22.98 0.23 -17.78	22.82 0.22 -17.85	23.49 0.24 -18.33	25.92 0.29 -19.93	32.58 0.77 -18.35	39.37 1.34 -15.63	38.41 1.19 -17.65	33.80 1.27 -12.03	33.07 1.52 -5.80	32.88 1.56 -5.35	33.31 1.32 -10.05	34.29 1.10 -13.81	33.94 1.07 -14.42	33.62 1.13 -13.31	34.22 1.13 -13.87	43.14 1.25 -21.37	40.58 1.86 -8.75	37.12 1.80 -5.81	31.18 1.57 -3.37	29.11 1.41 -2.87	29.88 0.88 -11.39	24.04 1.10 0.00
V_F_30_SYNC_DSASP 323786	25.38 0.17 -19.32	23.86 0.14 -18.43	22.56 0.13 -17.46	22.41 0.13 -17.53	23.06 0.14 -18.01	25.46 0.18 -19.58	31.94 0.46 -18.02	38.53 0.78 -15.35	37.59 0.69 -17.33	33.03 0.72 -11.82	32.33 0.88 -5.70	32.13 0.91 -5.26	32.58 0.77 -9.87	33.60 0.66 -13.56	33.28 0.66 -14.17	32.94 0.69 -13.07	33.53 0.69 -13.63	42.27 0.76 -20.99	39.67 1.11 -8.60	36.28 1.06 -5.71	30.46 0.92 -3.31	28.49 0.84 -2.82	29.26 0.46 -11.19	23.59 0.64 0.00
V_XM_10_SYNC_DSASP 323789	5.78 -0.11 0.00	5.21 -0.08 0.00	4.89 -0.08 0.00	4.64 -0.11 0.00	4.80 -0.11 0.00	5.57 -0.13 0.00	13.14 -0.32 0.00	21.82 -0.58 0.00	19.02 -0.55 0.00	20.00 -0.49 0.00	25.42 -0.34 0.00	25.58 -0.39 0.00	21.52 -0.42 0.00	18.96 -0.43 0.00	18.04 -0.41 0.00	18.81 -0.36 0.00	18.88 -0.33 0.00	20.32 -0.21 0.00	29.70 -0.27 0.00	29.21 -0.30 0.00	26.02 -0.21 0.00	24.55 -0.27 0.00	17.50 -0.11 0.00	22.74 -0.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.80 0.37 -14.53	19.47 0.32 -13.86	18.39 0.28 -13.13	18.21 0.27 -13.19	18.74 0.28 -13.55	20.76 0.34 -14.73	27.88 0.86 -13.56	35.51 1.57 -11.55	34.02 1.41 -13.04	30.80 1.41 -8.89	31.84 1.80 -4.29	31.74 1.82 -3.95	30.90 1.54 -7.43	30.96 1.38 -10.20	30.47 1.37 -10.66	30.41 1.40 -9.83	30.86 1.40 -10.25	37.82 1.50 -15.80	38.68 2.25 -6.47	36.02 2.21 -4.30	30.53 1.81 -2.49	28.58 1.64 -2.12	27.07 1.04 -8.42	24.30 1.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.15 0.38 -15.87	20.77 0.35 -15.13	19.62 0.31 -14.33	19.43 0.29 -14.39	19.99 0.29 -14.78	22.11 0.35 -16.07	29.26 0.96 -14.83	36.81 1.81 -12.60	35.36 1.57 -14.23	31.85 1.60 -9.76	32.52 2.09 -4.68	32.39 2.10 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.73	32.01 1.61 -11.19	39.44 1.68 -17.24	39.54 2.52 -7.06	36.67 2.48 -4.69	31.04 2.07 -2.73	28.94 1.79 -2.33	28.02 1.18 -9.23	24.54 1.54 -0.06
W50THST__13_KV_LOAD 356117	22.18 0.41 -15.87	20.79 0.38 -15.13	19.64 0.34 -14.33	19.46 0.32 -14.39	20.01 0.32 -14.78	22.14 0.37 -16.07	29.32 1.02 -14.83	36.95 1.95 -12.60	35.50 1.70 -14.23	31.98 1.72 -9.76	32.67 2.24 -4.68	32.57 2.29 -4.31	32.00 1.95 -8.10	32.28 1.76 -11.13	31.79 1.72 -11.63	31.66 1.75 -10.73	32.12 1.73 -11.19	39.56 1.81 -17.24	39.72 2.70 -7.06	36.85 2.66 -4.69	31.17 2.20 -2.73	29.09 1.94 -2.33	28.11 1.27 -9.23	24.64 1.63 -0.06
WADING RIVER_IC_1 23522	23.16 0.73 -16.54	21.06 0.63 -15.14	19.87 0.57 -14.33	19.70 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.07 1.75 -24.85	44.67 3.00 -19.27	44.43 2.64 -22.21	44.87 2.77 -21.61	66.17 3.27 -37.15	60.87 3.30 -31.60	55.41 2.85 -30.62	53.62 2.56 -31.68	55.31 2.49 -34.38	57.40 2.61 -35.61	75.31 2.61 -53.49	91.41 2.54 -68.35	84.22 3.96 -50.30	104.69 3.86 -71.32	47.75 3.44 -18.09	46.81 3.13 -18.87	48.06 2.24 -28.21	29.24 2.87 -3.42
WADING RIVER_IC_2 23547	23.16 0.73 -16.54	21.06 0.63 -15.14	19.87 0.57 -14.33	19.70 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.07 1.75 -24.85	44.67 3.00 -19.27	44.43 2.64 -22.21	44.87 2.77 -21.61	66.17 3.27 -37.15	60.87 3.30 -31.60	55.41 2.85 -30.62	53.62 2.56 -31.68	55.31 2.49 -34.38	57.40 2.61 -35.61	75.31 2.61 -53.49	91.41 2.54 -68.35	84.22 3.96 -50.30	104.69 3.86 -71.32	47.75 3.44 -18.09	46.81 3.13 -18.87	48.06 2.24 -28.21	29.24 2.87 -3.42
WADING RIVER_IC_3 23601	23.16 0.73 -16.54	21.06 0.63 -15.14	19.87 0.57 -14.33	19.70 0.55 -14.40	20.26 0.56 -14.79	22.46 0.68 -16.08	40.07 1.75 -24.85	44.67 3.00 -19.27	44.43 2.64 -22.21	44.87 2.77 -21.61	66.17 3.27 -37.15	60.87 3.30 -31.60	55.41 2.85 -30.62	53.62 2.56 -31.68	55.31 2.49 -34.38	57.40 2.61 -35.61	75.31 2.61 -53.49	91.41 2.54 -68.35	84.22 3.96 -50.30	104.69 3.86 -71.32	47.75 3.44 -18.09	46.81 3.13 -18.87	48.06 2.24 -28.21	29.24 2.87 -3.42
WALDENNY_12_KV_BK2 80841	10.75 0.19 -4.66	9.87 0.14 -4.44	9.21 0.03 -4.21	9.04 0.06 -4.23	9.33 0.07 -4.34	10.62 0.21 -4.72	18.08 0.27 -4.35	26.06 -0.04 -3.70	23.77 0.02 -4.18	23.22 -0.12 -2.85	26.69 -0.44 -1.37	27.03 -0.21 -1.27	24.41 0.09 -2.38	22.73 0.08 -3.27	21.97 0.11 -3.42	22.45 0.12 -3.15	22.63 0.13 -3.29	25.63 0.04 -5.07	31.89 -0.15 -2.07	30.68 -0.21 -1.38	26.93 -0.10 -0.80	25.50 0.00 -0.68	20.38 0.07 -2.70	23.47 0.53 0.00
WALDEN___HYDRO 24148	21.29 0.35 -15.03	19.93 0.31 -14.34	18.83 0.27 -13.59	18.65 0.26 -13.64	19.19 0.27 -14.01	21.25 0.31 -15.23	28.30 0.81 -14.02	35.87 1.52 -11.95	34.37 1.31 -13.49	31.00 1.31 -9.19	31.86 1.67 -4.43	31.72 1.66 -4.09	31.03 1.41 -7.68	31.19 1.26 -10.55	30.73 1.26 -11.02	30.67 1.32 -10.17	31.14 1.32 -10.60	38.28 1.41 -16.34	38.76 2.10 -6.69	36.05 2.10 -4.45	30.54 1.73 -2.58	28.58 1.56 -2.20	27.31 0.99 -8.71	24.30 1.35 0.00
WARRENSBURG____ 23737	25.85 0.26 -19.70	24.29 0.22 -18.79	22.97 0.20 -17.80	22.81 0.19 -17.87	23.48 0.21 -18.36	25.92 0.26 -19.96	32.58 0.74 -18.37	39.39 1.34 -15.65	38.46 1.21 -17.67	33.86 1.31 -12.05	33.11 1.55 -5.81	32.91 1.58 -5.36	33.32 1.32 -10.06	34.27 1.07 -13.82	33.90 1.01 -14.44	33.60 1.09 -13.33	34.20 1.09 -13.89	43.17 1.25 -21.40	40.59 1.86 -8.76	37.13 1.80 -5.82	31.15 1.55 -3.37	29.06 1.36 -2.88	29.84 0.83 -11.41	23.93 0.99 0.00
WATERSIDE___6 8 9 23538	22.11 0.34 -15.87	20.77 0.35 -15.13	19.62 0.32 -14.33	19.43 0.29 -14.39	19.98 0.29 -14.78	22.07 0.31 -16.07	29.15 0.85 -14.84	36.63 1.64 -12.60	35.29 1.49 -14.23	31.75 1.50 -9.76	32.44 2.01 -4.68	32.31 2.03 -4.31	31.78 1.73 -8.10	32.08 1.57 -11.13	31.59 1.51 -11.63	31.47 1.55 -10.74	31.87 1.48 -11.19	39.34 1.58 -17.24	39.33 2.31 -7.06	36.44 2.24 -4.69	30.88 1.92 -2.73	28.81 1.66 -2.33	27.90 1.06 -9.23	24.39 1.38 -0.06
WATKINRD_115KV_LN8_ILLION 55919	6.34 0.04 -0.41	5.70 0.02 -0.39	5.36 0.02 -0.37	5.14 0.02 -0.37	5.31 0.02 -0.38	6.13 0.02 -0.41	13.89 0.04 -0.38	22.81 0.09 -0.32	20.02 0.08 -0.36	20.83 0.08 -0.25	26.00 0.13 -0.12	26.21 0.13 -0.11	22.28 0.13 -0.21	19.77 0.10 -0.29	18.82 0.07 -0.30	19.53 0.08 -0.28	19.59 0.10 -0.29	21.11 0.14 -0.44	30.33 0.18 -0.18	29.80 0.18 -0.12	26.46 0.16 -0.07	25.05 0.17 -0.06	17.99 0.14 -0.24	23.17 0.23 0.00
WATSON___69_KV_BK 1 55734	23.12 0.68 -16.54	21.02 0.60 -15.13	19.84 0.54 -14.33	19.66 0.52 -14.39	20.23 0.53 -14.78	22.41 0.64 -16.07	37.86 1.64 -22.75	41.15 2.80 -15.95	40.41 2.49 -18.35	40.23 2.62 -17.11	49.21 3.12 -20.34	46.61 3.17 -17.47	43.58 2.68 -18.96	42.85 2.42 -21.04	43.54 2.38 -22.71	44.55 2.47 -22.90	53.32 2.48 -31.63	64.74 2.32 -41.90	61.51 3.63 -27.92	69.87 3.54 -36.83	40.04 3.25 -10.55	39.25 2.98 -11.45	33.60 2.11 -13.88	29.05 2.75 -3.35

WDELAWARE___HYD 323627	20.13 0.40 -13.83	18.83 0.35 -13.19	17.78 0.30 -12.50	17.59 0.29 -12.55	18.11 0.30 -12.89	20.07 0.35 -14.02	27.20 0.84 -12.90	34.96 1.57 -10.99	33.33 1.35 -12.41	30.29 1.33 -8.46	31.56 1.73 -4.08	31.45 1.71 -3.76	30.46 1.45 -7.07	30.37 1.28 -9.71	29.88 1.29 -10.14	29.88 1.34 -9.36	30.33 1.36 -9.76	37.02 1.48 -15.02	38.28 2.16 -6.15	35.75 2.15 -4.08	30.41 1.81 -2.37	28.48 1.64 -2.02	26.67 1.06 -8.01	24.48 1.54 0.00
WEST BABYLON___IC 23714	23.07 0.64 -16.54	20.98 0.57 -15.13	19.81 0.50 -14.33	19.62 0.48 -14.39	20.19 0.50 -14.78	22.37 0.60 -16.07	36.12 1.54 -21.12	38.43 2.62 -13.41	37.28 2.35 -15.36	36.94 2.44 -14.00	37.41 2.94 -8.72	36.64 2.96 -7.71	35.37 2.52 -10.91	35.36 2.29 -13.69	35.32 2.23 -14.64	35.61 2.32 -14.11	38.04 2.32 -16.51	46.34 2.22 -23.60	45.86 3.45 -12.44	45.88 3.39 -12.98	34.64 3.07 -5.34	33.94 2.80 -6.31	31.50 1.97 -11.91	28.82 2.57 -3.30
WEST CANADA___HYD 24049	6.30 -0.01 -0.41	5.67 -0.01 -0.39	5.34 0.00 -0.37	5.11 0.00 -0.37	5.29 0.00 -0.38	6.10 -0.01 -0.41	13.85 0.00 -0.38	22.72 0.00 -0.32	19.94 0.00 -0.36	20.76 0.02 -0.25	25.90 0.03 -0.12	26.11 0.03 -0.11	22.17 0.02 -0.21	19.69 0.02 -0.29	18.76 0.02 -0.30	19.47 0.02 -0.28	19.53 0.04 -0.29	21.01 0.06 -0.43	30.23 0.09 -0.17	29.71 0.09 -0.12	26.38 0.08 -0.07	24.95 0.07 -0.06	17.89 0.05 -0.23	23.01 0.07 0.00
WESTERN_NY_WIND 24143	10.47 0.27 -4.30	9.61 0.22 -4.10	8.98 0.12 -3.89	8.79 0.14 -3.90	9.07 0.15 -4.01	10.34 0.28 -4.36	17.96 0.48 -4.01	26.20 0.38 -3.42	23.82 0.39 -3.86	23.43 0.31 -2.63	27.10 0.08 -1.27	27.40 0.26 -1.17	24.60 0.46 -2.20	22.85 0.45 -3.02	22.04 0.44 -3.15	22.57 0.48 -2.91	22.68 0.44 -3.03	25.61 0.41 -4.67	32.33 0.45 -1.91	31.16 0.38 -1.27	27.34 0.37 -0.74	25.80 0.35 -0.63	20.44 0.33 -2.49	23.49 0.55 0.00
WESTOVER___LESR 323668	13.23 0.22 -7.11	12.25 0.18 -6.78	11.54 0.14 -6.43	11.34 0.14 -6.45	11.69 0.15 -6.63	13.13 0.22 -7.21	20.57 0.47 -6.63	28.79 0.74 -5.65	26.60 0.65 -6.38	25.44 0.59 -4.35	28.52 0.67 -2.10	28.61 0.70 -1.93	26.21 0.64 -3.63	24.94 0.56 -4.99	24.21 0.55 -5.21	24.56 0.58 -4.81	24.82 0.60 -5.02	28.84 0.60 -7.73	33.97 0.84 -3.16	32.44 0.83 -2.10	28.16 0.71 -1.22	26.50 0.65 -1.04	22.17 0.44 -4.12	23.72 0.78 0.00
WETHRSFD_WT_PWR 323626	11.06 0.15 -5.01	10.17 0.11 -4.77	9.52 0.02 -4.52	9.34 0.05 -4.54	9.63 0.05 -4.66	10.95 0.18 -5.07	18.39 0.26 -4.67	26.35 -0.02 -3.98	24.16 0.10 -4.49	23.50 -0.06 -3.06	26.92 -0.31 -1.48	27.23 -0.10 -1.36	24.61 0.11 -2.56	22.99 0.10 -3.51	22.26 0.15 -3.67	22.72 0.15 -3.39	22.93 0.19 -3.53	26.06 0.12 -5.42	32.27 0.09 -2.22	31.01 0.03 -1.47	27.19 0.11 -0.85	25.67 0.12 -0.73	20.64 0.14 -2.89	23.56 0.62 0.00
WHAVSTOR_138KV_BK127 55557	20.79 0.35 -14.54	19.46 0.31 -13.87	18.38 0.27 -13.14	18.20 0.26 -13.19	18.73 0.26 -13.55	20.74 0.31 -14.73	27.84 0.81 -13.56	35.43 1.48 -11.55	33.95 1.33 -13.04	30.72 1.33 -8.89	31.74 1.70 -4.29	31.64 1.71 -3.96	30.82 1.45 -7.43	30.89 1.30 -10.20	30.40 1.29 -10.66	30.34 1.32 -9.84	30.79 1.33 -10.25	37.74 1.42 -15.80	38.54 2.10 -6.47	35.87 2.07 -4.30	30.43 1.71 -2.49	28.48 1.54 -2.12	27.00 0.97 -8.42	24.21 1.26 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.79 0.35 -14.54	19.46 0.31 -13.87	18.38 0.27 -13.14	18.20 0.26 -13.19	18.73 0.26 -13.55	20.74 0.31 -14.73	27.84 0.81 -13.56	35.43 1.48 -11.55	33.95 1.33 -13.04	30.72 1.33 -8.89	31.74 1.70 -4.29	31.64 1.71 -3.96	30.82 1.45 -7.43	30.89 1.30 -10.20	30.40 1.29 -10.66	30.34 1.32 -9.84	30.79 1.33 -10.25	37.74 1.42 -15.80	38.54 2.10 -6.47	35.87 2.07 -4.30	30.43 1.71 -2.49	28.48 1.54 -2.12	27.00 0.97 -8.42	24.21 1.26 0.00
WHITEHAL_115KV_TB1 80871	25.94 0.36 -19.69	24.37 0.30 -18.78	23.04 0.27 -17.79	22.87 0.26 -17.86	23.55 0.29 -18.35	26.01 0.36 -19.95	32.87 1.04 -18.36	39.86 1.81 -15.64	38.90 1.66 -17.66	34.36 1.82 -12.04	33.70 2.14 -5.80	33.51 2.18 -5.36	33.71 1.71 -10.06	34.58 1.38 -13.82	34.17 1.29 -14.44	33.90 1.40 -13.32	34.52 1.42 -13.88	43.53 1.62 -21.39	41.16 2.43 -8.76	37.80 2.48 -5.82	31.73 2.12 -3.37	29.56 1.86 -2.88	30.16 1.14 -11.40	24.41 1.47 0.00
WHITEPLN_13_KV_LOAD 356215	22.16 0.42 -15.84	20.77 0.38 -15.10	19.61 0.33 -14.31	19.43 0.31 -14.37	19.99 0.32 -14.76	22.15 0.40 -16.05	29.23 1.00 -14.77	36.84 1.86 -12.58	35.44 1.66 -14.21	31.92 1.74 -9.68	32.64 2.21 -4.67	32.54 2.26 -4.31	31.92 1.89 -8.09	32.18 1.69 -11.11	31.72 1.66 -11.61	31.60 1.71 -10.71	32.07 1.69 -11.17	39.48 1.74 -17.21	39.59 2.58 -7.05	36.73 2.54 -4.68	31.12 2.18 -2.71	29.05 1.91 -2.31	28.02 1.23 -9.18	24.57 1.63 0.00
WM_FLOYD_69_KV_BK2 356380	23.15 0.71 -16.54	21.04 0.63 -15.13	19.87 0.56 -14.33	19.69 0.55 -14.39	20.25 0.56 -14.78	22.45 0.68 -16.07	40.13 1.72 -24.94	44.68 2.89 -19.39	44.53 2.58 -22.37	44.60 2.68 -21.42	65.37 3.17 -36.44	60.22 3.25 -31.01	54.85 2.79 -30.13	53.10 2.48 -31.23	54.78 2.43 -33.90	56.80 2.53 -35.09	74.35 2.55 -52.59	90.24 2.46 -67.26	83.16 3.84 -49.36	103.13 3.75 -69.88	47.37 3.36 -17.78	46.46 3.08 -18.56	36.26 2.20 -16.45	29.26 2.89 -3.42
WOODARD___115KV_TB2 355635	9.44 0.08 -3.46	8.65 0.06 -3.30	8.14 0.04 -3.13	7.93 0.04 -3.14	8.19 0.05 -3.23	9.30 0.09 -3.51	16.90 0.20 -3.23	25.49 0.34 -2.75	22.97 0.29 -3.11	22.90 0.29 -2.12	27.11 0.33 -1.02	27.25 0.34 -0.94	23.99 0.29 -1.77	22.07 0.25 -2.43	21.21 0.22 -2.54	21.73 0.21 -2.34	21.86 0.21 -2.44	24.39 0.10 -3.76	31.63 0.12 -1.54	30.62 0.09 -1.02	26.91 0.08 -0.59	25.40 0.07 -0.51	19.70 0.09 -2.01	23.06 0.11 0.00
YORK___WARBASSE 23770	22.14 0.37 -15.87	20.79 0.38 -15.13	19.64 0.33 -14.33	19.44 0.30 -14.39	19.99 0.30 -14.78	22.08 0.31 -16.07	29.20 0.90 -14.84	36.66 1.66 -12.60	35.32 1.53 -14.23	31.82 1.56 -9.76	32.54 2.11 -4.68	32.41 2.13 -4.31	31.86 1.82 -8.10	32.16 1.65 -11.13	31.67 1.59 -11.63	31.54 1.63 -10.74	31.95 1.56 -11.19	39.44 1.68 -17.24	39.48 2.46 -7.06	36.56 2.36 -4.69	30.99 2.02 -2.73	28.91 1.76 -2.33	27.97 1.13 -9.23	24.48 1.47 -0.06