

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/14/2023

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	34.37	27.39	27.32	25.09	24.77	28.81	82.42	53.61	33.89	48.71	27.34	27.26	29.58	34.53	32.58	38.93	34.96	39.13	35.52	36.72	36.82	29.13	24.63	22.18
24138	1.83	1.41	1.49	1.32	1.28	1.32	-0.17	2.10	0.75	3.04	1.82	1.82	1.74	1.34	1.88	1.40	1.97	0.76	0.48	1.67	1.92	1.68	1.42	1.09
	-0.19	-1.67	0.00	0.00	0.00	-1.22	-85.91	-11.22	-21.90	-0.83	-0.46	0.00	-5.22	-15.56	-7.40	-20.66	-7.35	-28.03	-27.64	-6.68	-1.78	-0.57	0.00	0.00
74TH STREET_GT_1	34.45	27.45	27.37	25.14	24.82	28.85	82.42	53.65	33.89	48.66	27.32	27.25	29.57	34.51	32.56	38.90	34.93	39.11	35.51	36.69	36.83	29.15	24.64	22.20
24260	1.91	1.47	1.55	1.37	1.33	1.36	-0.18	2.14	0.75	2.98	1.80	1.80	1.73	1.32	1.85	1.37	1.94	0.74	0.47	1.64	1.93	1.70	1.44	1.11
	-0.19	-1.67	0.00	0.00	0.00	-1.22	-85.92	-11.22	-21.90	-0.83	-0.46	0.00	-5.22	-15.56	-7.40	-20.66	-7.35	-28.03	-27.64	-6.68	-1.79	-0.57	0.00	0.00
74TH STREET_GT_2	34.45	27.45	27.37	25.14	24.82	28.85	82.42	53.65	33.89	48.66	27.32	27.25	29.57	34.51	32.56	38.90	34.93	39.11	35.51	36.69	36.83	29.15	24.64	22.20
24261	1.91	1.47	1.55	1.37	1.33	1.36	-0.18	2.14	0.75	2.98	1.80	1.80	1.73	1.32	1.85	1.37	1.94	0.74	0.47	1.64	1.93	1.70	1.44	1.11
	-0.19	-1.67	0.00	0.00	0.00	-1.22	-85.92	-11.22	-21.90	-0.83	-0.46	0.00	-5.22	-15.56	-7.40	-20.66	-7.35	-28.03	-27.64	-6.68	-1.79	-0.57	0.00	0.00
ADK HUDSON___FALLS	34.11	28.06	27.53	25.36	25.07	29.73	108.34	58.12	40.64	49.04	27.36	27.07	30.80	39.13	34.45	44.96	37.09	47.69	44.02	39.44	38.07	28.93	24.73	22.38
24011	2.01	1.58	1.71	1.59	1.59	1.87	-0.26	3.21	0.87	3.11	1.70	1.63	1.46	1.19	1.48	1.16	1.88	0.83	0.61	2.36	2.63	1.87	1.53	1.30
	0.26	-2.17	0.00	0.00	0.00	-1.59	-111.92	-14.62	-28.53	-1.09	-0.61	0.00	-6.73	-20.31	-9.65	-26.94	-9.57	-36.52	-36.01	-8.70	-2.33	-0.18	0.00	0.00
ADK RESOURCE___RCVRY	34.28	28.18	27.65	25.49	25.20	29.92	108.36	58.44	40.74	49.32	27.52	27.25	30.98	39.27	34.66	45.14	37.40	47.84	44.12	39.77	38.42	29.14	24.91	22.56
23798	2.18	1.70	1.83	1.71	1.71	2.05	-0.29	3.53	0.96	3.39	1.86	1.81	1.63	1.32	1.69	1.33	2.19	0.96	0.70	2.69	2.98	2.09	1.71	1.47
	0.26	-2.17	0.00	0.00	0.00	-1.59	-111.97	-14.62	-28.54	-1.09	-0.61	0.00	-6.74	-20.32	-9.66	-26.95	-9.58	-36.53	-36.02	-8.71	-2.33	-0.18	0.00	0.00
ADK S GLENS___FALLS	34.11	28.06	27.53	25.36	25.07	29.73	108.34	58.12	40.64	49.04	27.36	27.07	30.80	39.13	34.45	44.96	37.09	47.69	44.02	39.44	38.07	28.93	24.73	22.38
24028	2.01	1.58	1.71	1.59	1.59	1.87	-0.26	3.21	0.87	3.11	1.70	1.63	1.46	1.19	1.48	1.16	1.88	0.83	0.61	2.36	2.63	1.87	1.53	1.30
	0.26	-2.17	0.00	0.00	0.00	-1.59	-111.92	-14.62	-28.53	-1.09	-0.61	0.00	-6.73	-20.31	-9.65	-26.94	-9.57	-36.52	-36.01	-8.70	-2.33	-0.18	0.00	0.00
ADK_NYS___DAM	33.18	27.57	27.06	24.89	24.59	29.13	105.50	56.51	39.59	47.88	26.62	26.34	29.97	38.06	33.55	43.56	35.75	46.31	42.77	38.15	36.82	28.13	24.13	21.83
23527	1.33	1.14	1.24	1.12	1.11	1.30	-0.19	1.98	0.57	1.98	0.97	0.89	0.85	0.66	0.84	0.46	0.79	0.40	0.30	1.31	1.44	1.06	0.92	0.74
	0.51	-2.11	0.00	0.00	0.00	-1.55	-109.00	-14.24	-27.78	-1.06	-0.59	0.00	-6.51	-19.78	-9.40	-26.23	-9.32	-35.57	-35.07	-8.48	-2.26	-0.19	0.00	0.00
AIR_PRODUCTS___DRP	32.50	26.79	26.19	24.09	23.80	28.21	106.71	55.30	39.49	46.57	25.99	25.75	29.59	37.87	33.14	43.59	35.41	46.42	42.93	37.37	35.88	27.38	23.47	21.25
24190	0.37	0.34	0.37	0.32	0.32	0.37	-0.05	0.63	0.20	0.66	0.33	0.31	0.35	0.27	0.33	0.23	0.35	0.16	0.12	0.44	0.49	0.32	0.26	0.16
	0.22	-2.14	0.00	0.00	0.00	-1.56	-110.08	-14.38	-28.06	-1.07	-0.60	0.00	-6.63	-19.97	-9.49	-26.49	-9.42	-35.92	-35.41	-8.56	-2.29	-0.18	0.00	0.00
AKWESSNE_115KV_BK	32.10	24.09	25.65	23.66	23.36	26.08	-3.28	39.75	-191.44	34.80	20.97	25.16	22.34	17.42	23.04	16.64	25.41	10.18	7.30	28.01	32.70	26.53	22.87	20.87
355683	-0.26	-0.22	-0.17	-0.11	-0.12	-0.19	0.04	-0.53	-0.22	-0.61	-0.32	-0.28	-0.27	-0.21	-0.27	-0.22	-0.23	-0.16	-0.11	-0.36	-0.41	-0.36	-0.34	-0.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	202.46	9.44	3.76	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	32.50	26.79	26.19	24.09	23.80	28.21	106.71	55.30	39.49	46.57	25.99	25.75	29.59	37.87	33.14	43.59	35.41	46.42	42.93	37.37	35.88	27.38	23.47	21.25
23571	0.37	0.34	0.37	0.32	0.32	0.37	-0.05	0.63	0.20	0.66	0.33	0.31	0.35	0.27	0.33	0.23	0.35	0.16	0.12	0.44	0.49	0.32	0.26	0.16
	0.22	-2.14	0.00	0.00	0.00	-1.56	-110.08	-14.38	-28.06	-1.07	-0.60	0.00	-6.63	-19.97	-9.49	-26.49	-9.42	-35.92	-35.41	-8.56	-2.29	-0.18	0.00	0.00
ALBANY___2	32.50	26.79	26.19	24.09	23.80	28.21	106.71	55.30	39.49	46.57	25.99	25.75	29.59	37.87	33.14	43.59	35.41	46.42	42.93	37.37	35.88	27.38	23.47	21.25
23572	0.37	0.34	0.37	0.32	0.32	0.37	-0.05	0.63	0.20	0.66	0.33	0.31	0.35	0.27	0.33	0.23	0.35	0.16	0.12	0.44	0.49	0.32	0.26	0.16
	0.22	-2.14	0.00	0.00	0.00	-1.56	-110.08	-14.38	-28.06	-1.07	-0.60	0.00	-6.63	-19.97	-9.49	-26.49	-9.42	-35.92	-35.41	-8.56	-2.29	-0.18	0.00	0.00
ALBANY___3	32.50	26.79	26.19	24.09	23.80	28.21	106.71	55.30	39.49	46.57	25.99	25.75	29.59	37.87	33.14	43.59	35.41	46.42	42.93	37.37	35.88	27.38	23.47	21.25
23573	0.37	0.34	0.37	0.32	0.32	0.37	-0.05	0.63	0.20	0.66	0.33	0.31	0.35	0.27	0.33	0.23	0.35	0.16	0.12	0.44	0.49	0.32	0.26	0.16
	0.22	-2.14	0.00	0.00	0.00	-1.56	-110.08	-14.38	-28.06	-1.07	-0.60	0.00	-6.63	-19.97	-9.49	-26.49	-9.42	-35.92	-35.41	-8.56	-2.29	-0.18	0.00	0.00

ALBANY___4 23574	32.50 0.37 0.22	26.79 0.34 -2.14	26.19 0.37 0.00	24.09 0.32 0.00	23.80 0.32 0.00	28.21 0.37 -1.56	106.71 -0.05 -110.08	55.30 0.63 -14.38	39.49 0.20 -28.06	46.57 0.66 -1.07	25.99 0.33 -0.60	25.75 0.31 0.00	29.59 0.35 -6.63	37.87 0.27 -19.97	33.14 0.33 -9.49	43.59 0.23 -26.49	35.41 0.35 -9.42	46.42 0.16 -35.92	42.93 0.12 -35.41	37.37 0.44 -8.56	35.88 0.49 -2.29	27.38 0.32 -0.18	23.47 0.26 0.00	21.25 0.16 0.00
ALBANY___LFGE 323615	32.81 0.70 0.24	27.04 0.59 -2.14	26.45 0.63 0.00	24.33 0.56 0.00	24.05 0.57 0.00	28.48 0.64 -1.57	107.09 -0.09 -110.51	55.79 1.07 -14.43	39.73 0.32 -28.17	47.07 1.15 -1.07	26.27 0.61 -0.60	26.04 0.60 0.00	29.88 0.61 -6.65	38.15 0.47 -20.05	33.43 0.58 -9.53	43.88 0.42 -26.59	35.73 0.63 -9.45	46.68 0.28 -36.06	43.16 0.20 -35.55	37.73 0.77 -8.59	36.26 0.85 -2.30	27.68 0.62 -0.18	23.72 0.51 0.00	21.47 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	32.18 -0.17 0.00	24.15 -0.16 0.00	25.73 -0.10 0.00	23.74 -0.03 0.00	23.45 -0.04 0.00	26.18 -0.09 0.00	-3.29 0.03 0.00	39.90 -0.39 0.00	-191.42 -0.20 202.46	34.94 -0.47 9.44	21.04 -0.26 3.76	25.23 -0.22 0.00	22.39 -0.23 0.00	17.45 -0.17 0.00	23.08 -0.22 0.00	16.68 -0.18 0.00	25.48 -0.16 0.00	10.20 -0.14 0.00	7.32 -0.09 0.00	28.09 -0.28 0.00	32.83 -0.29 0.00	26.62 -0.26 0.00	22.94 -0.26 0.00	20.94 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	32.18 -0.17 0.00	24.15 -0.16 0.00	25.73 -0.10 0.00	23.74 -0.03 0.00	23.45 -0.04 0.00	26.18 -0.09 0.00	-3.29 0.03 0.00	39.90 -0.39 0.00	-191.42 -0.20 202.46	34.94 -0.47 9.44	21.04 -0.26 3.76	25.23 -0.22 0.00	22.39 -0.23 0.00	17.45 -0.17 0.00	23.08 -0.22 0.00	16.68 -0.18 0.00	25.48 -0.16 0.00	10.20 -0.14 0.00	7.32 -0.09 0.00	28.09 -0.28 0.00	32.83 -0.29 0.00	26.62 -0.26 0.00	22.94 -0.26 0.00	20.94 -0.15 0.00
ALCOA___DSASP 323711	32.19 -0.17 0.00	24.15 -0.16 0.00	25.73 -0.09 0.00	23.74 -0.03 0.00	23.45 -0.04 0.00	26.17 -0.10 0.00	-3.29 0.03 0.00	39.90 -0.39 0.00	-191.42 -0.20 202.46	34.94 -0.47 9.44	21.04 -0.26 3.76	25.23 -0.22 0.00	22.39 -0.23 0.00	17.45 -0.17 0.00	23.08 -0.23 0.00	16.68 -0.18 0.00	25.48 -0.16 0.00	10.20 -0.14 0.00	7.32 -0.09 0.00	28.09 -0.28 0.00	32.83 -0.29 0.00	26.62 -0.26 0.00	22.94 -0.27 0.00	20.94 -0.15 0.00
ALLEGHENY___COGEN 23514	33.20 0.85 0.00	24.95 0.48 -0.15	26.14 0.32 0.00	24.09 0.32 0.00	23.77 0.29 0.00	26.91 0.52 -0.11	4.46 -0.12 -7.90	43.11 1.80 -1.03	13.66 0.42 -2.00	45.45 0.52 -0.08	25.21 0.11 -0.04	25.66 0.21 0.00	23.19 0.07 -0.50	19.14 0.02 -1.49	23.95 -0.09 -0.73	18.77 -0.03 -1.93	26.10 -0.21 -0.68	12.93 0.01 -2.58	10.08 0.13 -2.54	29.87 0.89 -0.61	34.52 1.24 -0.16	27.98 1.09 0.00	24.28 1.07 0.00	22.08 1.00 0.00
ALTAMONT_115KV_TB 2 55880	33.03 0.84 0.16	27.14 0.68 -2.15	26.55 0.73 0.00	24.43 0.66 0.00	24.13 0.65 0.00	28.57 0.72 -1.57	107.15 -0.10 -110.57	55.92 1.19 -14.44	39.77 0.35 -28.18	47.20 1.29 -1.07	26.35 0.69 -0.60	26.12 0.68 0.00	29.95 0.67 -6.67	38.21 0.52 -20.06	33.53 0.68 -9.54	43.96 0.49 -26.61	35.82 0.72 -9.46	46.73 0.31 -36.08	43.20 0.22 -35.57	37.81 0.84 -8.60	36.38 0.97 -2.30	27.79 0.73 -0.18	23.83 0.63 0.00	21.58 0.49 0.00
ALTONA_WT_PWR 323606	32.56 0.20 0.00	24.30 -0.01 0.00	25.94 0.11 0.00	23.97 0.20 0.00	23.61 0.13 0.00	26.15 -0.13 0.00	-3.40 -0.08 0.00	39.63 -0.66 0.00	-191.36 -0.15 202.46	34.90 -0.50 9.44	20.58 -0.72 3.76	24.91 -0.54 0.00	22.28 -0.33 0.00	17.41 -0.22 0.00	23.16 -0.15 0.00	16.68 -0.19 0.00	25.42 -0.22 0.00	10.14 -0.20 0.00	7.37 -0.04 0.00	28.41 0.04 0.00	33.29 0.17 0.00	27.04 0.15 0.00	23.29 0.09 0.00	21.34 0.26 0.00
AMERICAN_REF_FUEL 24010	31.03 -1.33 0.00	23.36 -1.09 -0.14	24.59 -1.23 0.00	22.69 -1.08 0.00	22.39 -1.09 0.00	25.27 -1.11 -0.10	3.84 0.09 -7.07	40.33 -0.87 -0.92	12.71 -0.31 -1.78	43.11 -1.81 -0.07	24.10 -0.99 -0.04	24.48 -0.97 0.00	22.03 -1.03 -0.44	18.27 -0.69 -1.33	22.90 -1.06 -0.65	17.78 -0.81 -1.73	24.69 -1.56 -0.60	12.15 -0.50 -2.31	9.30 -0.38 -2.27	27.39 -1.53 -0.55	31.63 -1.63 -0.15	25.77 -1.11 0.00	22.62 -0.59 0.00	20.82 -0.27 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.27 -0.08 0.00	24.28 -0.18 -0.15	25.54 -0.28 0.00	23.50 -0.27 0.00	23.20 -0.29 0.00	26.26 -0.13 -0.11	4.51 -0.02 -7.86	42.04 0.73 -1.02	13.41 0.19 -1.98	45.37 0.45 -0.08	25.18 0.08 -0.04	25.60 0.16 0.00	23.14 0.04 -0.49	19.26 0.16 -1.48	24.14 0.11 -0.72	18.87 0.09 -1.92	26.10 -0.21 -0.67	12.94 0.04 -2.56	9.91 -0.02 -2.53	28.89 -0.09 -0.61	33.33 0.06 -0.16	27.12 0.24 0.00	23.62 0.41 0.00	21.64 0.55 0.00
ARTHUR_KILL_GT_1 23520	34.36 1.81 -0.19	27.44 1.46 -1.67	27.37 1.55 0.00	25.16 1.39 0.00	24.83 1.34 0.00	28.84 1.34 -1.22	82.43 -0.16 -85.92	53.22 1.71 -11.22	33.79 0.67 -21.88	-225.03 2.49 272.36	-297.22 1.52 323.80	26.98 1.54 0.00	29.35 1.51 -5.22	34.31 1.13 -15.56	32.34 1.63 -7.40	37.81 1.21 -19.73	34.10 1.68 -6.78	35.42 0.62 -24.46	35.00 0.41 -27.19	35.96 1.35 -6.24	34.51 1.60 0.21	28.93 1.49 -0.57	24.49 1.28 0.00	22.03 0.95 0.00
ARTHUR_KILL_2 23512	34.27 1.73 -0.19	27.37 1.39 -1.67	27.30 1.48 0.00	25.09 1.32 0.00	24.76 1.28 0.00	28.76 1.27 -1.22	82.44 -0.16 -85.92	53.10 1.59 -11.22	33.76 0.64 -21.88	-225.16 2.36 272.36	-297.30 1.45 323.80	26.91 1.47 0.00	29.28 1.45 -5.22	34.26 1.08 -15.56	32.27 1.56 -7.40	37.76 1.16 -19.73	34.02 1.60 -6.78	35.39 0.58 -24.46	34.97 0.38 -27.19	35.87 1.25 -6.24	34.40 1.49 0.21	28.85 1.40 -0.57	24.42 1.21 0.00	21.98 0.89 0.00
ARTHUR_KILL_3 23513	33.99 1.45 -0.19	27.12 1.15 -1.67	27.08 1.25 0.00	24.89 1.12 0.00	24.57 1.08 0.00	28.51 1.01 -1.22	82.45 -0.13 -85.91	53.07 1.56 -11.22	33.70 0.58 -21.89	-225.23 2.28 272.36	-297.33 1.41 323.80	26.88 1.44 0.00	29.24 1.40 -5.22	34.26 1.07 -15.56	32.24 1.53 -7.40	38.69 1.16 -20.66	34.61 1.62 -7.35	38.98 0.61 -28.03	35.41 0.37 -27.64	35.83 1.21 -6.24	34.31 1.41 0.21	27.72 1.32 0.48	24.33 1.13 0.00	21.93 0.84 0.00
ARTHUR_KILL_COGEN 323718	34.36 1.81 -0.19	27.44 1.46 -1.67	27.37 1.55 0.00	25.16 1.39 0.00	24.83 1.34 0.00	28.84 1.34 -1.22	82.43 -0.16 -85.92	53.22 1.71 -11.22	33.79 0.67 -21.88	-225.03 2.49 272.36	-297.22 1.52 323.80	26.98 1.54 0.00	29.35 1.51 -5.22	34.31 1.13 -15.56	32.34 1.63 -7.40	37.81 1.21 -19.73	34.10 1.68 -6.78	35.42 0.62 -24.46	35.00 0.41 -27.19	35.96 1.35 -6.24	34.51 1.60 0.21	28.93 1.49 -0.57	24.49 1.28 0.00	22.03 0.95 0.00
ASHOKAN____ 23654	33.87 1.56 0.05	27.30 1.11 -1.89	27.03 1.21 0.00	24.85 1.09 0.00	24.55 1.07 0.00	28.90 1.24 -1.38	93.77 -0.11 -97.21	55.11 2.12 -12.70	36.56 0.54 -24.78	47.71 1.92 -0.94	26.54 0.96 -0.53	26.37 0.93 0.00	29.26 0.79 -5.86	35.81 0.59 -17.58	32.55 0.88 -8.35	40.82 0.59 -23.36	35.02 1.07 -8.32	42.51 0.45 -31.72	39.02 0.35 -31.27	37.36 1.43 -7.56	36.98 1.85 -2.02	28.39 1.39 -0.12	24.32 1.11 0.00	22.00 0.91 0.00

ASTORIA_EAST_ENERGY_CC1 323581	34.12 1.57 -0.19	27.21 1.23 -1.67	27.14 1.32 0.00	24.95 1.18 0.00	24.61 1.12 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.26 1.75 -11.22	33.80 0.66 -21.90	48.15 2.47 -0.83	27.04 1.52 -0.46	26.95 1.51 0.00	29.33 1.49 -5.22	34.33 1.14 -15.56	32.34 1.64 -7.40	38.74 1.21 -20.66	34.62 1.63 -7.35	38.99 0.62 -28.03	35.43 0.38 -27.64	36.33 1.28 -6.68	36.47 1.58 -1.79	28.92 1.47 -0.57	24.47 1.26 0.00	22.02 0.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.12 1.57 -0.19	27.21 1.23 -1.67	27.14 1.32 0.00	24.95 1.18 0.00	24.61 1.12 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.26 1.75 -11.22	33.80 0.66 -21.90	48.15 2.47 -0.83	27.04 1.52 -0.46	26.95 1.51 0.00	29.33 1.49 -5.22	34.33 1.14 -15.56	32.34 1.64 -7.40	38.74 1.21 -20.66	34.62 1.63 -7.35	38.99 0.62 -28.03	35.43 0.38 -27.64	36.33 1.28 -6.68	36.47 1.58 -1.79	28.92 1.47 -0.57	24.47 1.26 0.00	22.02 0.93 0.00
ASTORIA_GT2_1 24094	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT2_2 24095	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT2_3 24096	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT2_4 24097	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT3_1 24098	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT3_2 24099	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT3_3 24100	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT3_4 24101	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT4_1 24102	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT4_2 24103	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT4_3 24104	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT4_4 24105	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.61 1.13 0.00	28.57 1.08 -1.22	82.45 -0.15 -85.92	53.28 1.77 -11.22	33.81 0.67 -21.90	48.18 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.34 1.29 -6.68	36.49 1.59 -1.79	28.92 1.47 -0.57	24.48 1.28 0.00	22.03 0.94 0.00
ASTORIA_GT_1 23523	34.21 1.66 -0.19	27.27 1.29 -1.67	27.19 1.37 0.00	25.01 1.24 0.00	24.66 1.17 0.00	28.63 1.14 -1.22	82.44 -0.16 -85.92	53.37 1.86 -11.22	33.83 0.69 -21.90	48.28 2.61 -0.83	27.12 1.59 -0.46	27.02 1.58 0.00	29.40 1.56 -5.22	34.39 1.19 -15.56	32.41 1.71 -7.40	38.79 1.26 -20.66	34.70 1.71 -7.35	39.02 0.65 -28.03	35.45 0.40 -27.64	36.41 1.36 -6.68	36.57 1.67 -1.79	28.98 1.53 -0.57	24.53 1.33 0.00	22.07 0.98 0.00

ASTORIA_GT_10 24110	34.22 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	24.99 1.23 0.00	24.67 1.19 0.00	28.67 1.18 -1.22	82.44 -0.16 -85.92	53.34 1.83 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.94 1.49 -0.57	24.47 1.27 0.00	22.03 0.94 0.00
ASTORIA_GT_11 24225	34.22 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	24.99 1.23 0.00	24.67 1.19 0.00	28.67 1.18 -1.22	82.44 -0.16 -85.92	53.34 1.83 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.94 1.49 -0.57	24.47 1.27 0.00	22.03 0.94 0.00
ASTORIA_GT_12 24226	34.22 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	24.99 1.23 0.00	24.67 1.19 0.00	28.67 1.18 -1.22	82.44 -0.16 -85.92	53.34 1.83 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.94 1.49 -0.57	24.47 1.27 0.00	22.03 0.94 0.00
ASTORIA_GT_13 24227	34.22 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	24.99 1.23 0.00	24.67 1.19 0.00	28.67 1.18 -1.22	82.44 -0.16 -85.92	53.34 1.83 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.94 1.49 -0.57	24.47 1.27 0.00	22.03 0.94 0.00
ASTORIA_GT_5 24106	34.21 1.66 -0.19	27.27 1.29 -1.67	27.19 1.37 0.00	25.01 1.24 0.00	24.66 1.17 0.00	28.63 1.14 -1.22	82.44 -0.16 -85.92	53.37 1.86 -11.22	33.83 0.69 -21.90	48.28 2.61 -0.83	27.12 1.59 -0.46	27.02 1.58 0.00	29.40 1.56 -5.22	34.39 1.19 -15.56	32.41 1.71 -7.40	38.79 1.26 -20.66	34.70 1.71 -7.35	39.02 0.65 -28.03	35.45 0.40 -27.64	36.41 1.36 -6.68	36.57 1.67 -1.79	28.98 1.53 -0.57	24.53 1.33 0.00	22.07 0.98 0.00
ASTORIA_GT_7 24107	34.21 1.66 -0.19	27.27 1.29 -1.67	27.19 1.37 0.00	25.01 1.24 0.00	24.66 1.17 0.00	28.63 1.14 -1.22	82.44 -0.16 -85.92	53.37 1.86 -11.22	33.83 0.69 -21.90	48.28 2.61 -0.83	27.12 1.59 -0.46	27.02 1.58 0.00	29.40 1.56 -5.22	34.39 1.19 -15.56	32.41 1.71 -7.40	38.79 1.26 -20.66	34.70 1.71 -7.35	39.02 0.65 -28.03	35.45 0.40 -27.64	36.41 1.36 -6.68	36.57 1.67 -1.79	28.98 1.53 -0.57	24.53 1.33 0.00	22.07 0.98 0.00
ASTORIA_GT_8 24108	34.21 1.66 -0.19	27.27 1.29 -1.67	27.20 1.37 0.00	25.00 1.23 0.00	24.66 1.17 0.00	28.62 1.12 -1.22	82.44 -0.16 -85.92	53.36 1.85 -11.22	33.83 0.69 -21.90	48.28 2.60 -0.83	27.12 1.59 -0.46	27.02 1.58 0.00	29.40 1.56 -5.22	34.39 1.20 -15.56	32.41 1.71 -7.40	38.80 1.27 -20.66	34.70 1.71 -7.35	39.02 0.65 -28.03	35.45 0.40 -27.64	36.41 1.36 -6.68	36.56 1.66 -1.79	28.98 1.52 -0.57	24.52 1.32 0.00	22.06 0.98 0.00
ASTORIA___2 24149	34.14 1.60 -0.19	27.22 1.25 -1.67	27.15 1.33 0.00	24.96 1.19 0.00	24.62 1.13 0.00	28.59 1.09 -1.22	82.44 -0.15 -85.92	53.29 1.78 -11.22	33.81 0.67 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.97 1.52 0.00	29.35 1.51 -5.22	34.33 1.14 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	38.99 0.62 -28.03	35.43 0.39 -27.64	36.35 1.30 -6.68	36.49 1.59 -1.79	28.93 1.48 -0.57	24.49 1.28 0.00	22.03 0.94 0.00
ASTORIA___3 23516	34.21 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.67 1.19 0.00	28.68 1.18 -1.22	82.44 -0.16 -85.92	53.36 1.85 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.13 1.60 -0.46	27.05 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.95 1.50 -0.57	24.48 1.27 0.00	22.03 0.94 0.00
ASTORIA___4 23517	34.22 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	24.99 1.23 0.00	24.67 1.19 0.00	28.67 1.18 -1.22	82.44 -0.16 -85.92	53.34 1.83 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.94 1.49 -0.57	24.47 1.27 0.00	22.03 0.94 0.00
ASTORIA___5 23518	34.21 1.67 -0.19	27.28 1.30 -1.67	27.21 1.38 0.00	25.00 1.23 0.00	24.67 1.19 0.00	28.68 1.18 -1.22	82.44 -0.16 -85.92	53.36 1.85 -11.22	33.82 0.68 -21.90	48.30 2.62 -0.83	27.13 1.60 -0.46	27.05 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.95 1.50 -0.57	24.48 1.27 0.00	22.03 0.94 0.00
AST_ENERGY_2_CC3 323677	34.13 1.58 -0.19	27.22 1.24 -1.67	27.14 1.32 0.00	24.94 1.17 0.00	24.62 1.13 0.00	28.61 1.11 -1.22	82.45 -0.15 -85.92	53.25 1.74 -11.22	33.77 0.63 -21.90	48.18 2.50 -0.83	27.06 1.53 -0.46	26.99 1.54 0.00	29.32 1.49 -5.22	34.32 1.13 -15.56	32.31 1.60 -7.40	38.73 1.20 -20.66	34.66 1.67 -7.35	39.01 0.63 -28.03	35.44 0.39 -27.64	36.40 1.35 -6.68	36.48 1.58 -1.78	28.88 1.43 -0.57	24.42 1.22 0.00	22.00 0.91 0.00
AST_ENERGY_2_CC4 323678	34.13 1.58 -0.19	27.22 1.24 -1.67	27.14 1.32 0.00	24.94 1.17 0.00	24.62 1.13 0.00	28.61 1.11 -1.22	82.45 -0.15 -85.92	53.25 1.74 -11.22	33.77 0.63 -21.90	48.18 2.50 -0.83	27.06 1.53 -0.46	26.99 1.54 0.00	29.32 1.49 -5.22	34.32 1.13 -15.56	32.31 1.60 -7.40	38.73 1.20 -20.66	34.66 1.67 -7.35	39.01 0.63 -28.03	35.44 0.39 -27.64	36.40 1.35 -6.68	36.48 1.58 -1.78	28.88 1.43 -0.57	24.42 1.22 0.00	22.00 0.91 0.00
ATHENS_STG_1 23668	33.42 1.01 -0.05	27.11 0.82 -1.98	26.71 0.88 0.00	24.55 0.78 0.00	24.25 0.77 0.00	28.54 0.82 -1.45	98.47 -0.11 -101.90	54.95 1.35 -13.31	37.64 0.42 -25.97	47.50 1.67 -0.99	26.55 0.94 -0.55	26.36 0.91 0.00	29.68 0.90 -6.17	36.80 0.69 -18.48	33.04 0.95 -8.78	42.09 0.70 -24.52	35.36 1.00 -8.72	43.99 0.40 -33.25	40.46 0.27 -32.78	37.28 0.99 -7.92	36.39 1.16 -2.12	28.03 0.94 -0.21	24.01 0.80 0.00	21.70 0.61 0.00
ATHENS_STG_2 23670	33.42 1.01 -0.05	27.11 0.82 -1.98	26.71 0.88 0.00	24.55 0.78 0.00	24.25 0.77 0.00	28.54 0.82 -1.45	98.47 -0.11 -101.90	54.95 1.35 -13.31	37.64 0.42 -25.97	47.50 1.67 -0.99	26.55 0.94 -0.55	26.36 0.91 0.00	29.68 0.90 -6.17	36.80 0.69 -18.48	33.04 0.95 -8.78	42.09 0.70 -24.52	35.36 1.00 -8.72	43.99 0.40 -33.25	40.46 0.27 -32.78	37.28 0.99 -7.92	36.39 1.16 -2.12	28.03 0.94 -0.21	24.01 0.80 0.00	21.70 0.61 0.00

ATHENS_STG_3 23677	33.42 1.01 -0.05	27.11 0.82 -1.98	26.71 0.88 0.00	24.55 0.78 0.00	24.25 0.77 0.00	28.54 0.82 -1.45	98.47 -0.11 -101.90	54.95 1.35 -13.31	37.64 0.42 -25.97	47.50 1.67 -0.99	26.55 0.94 -0.55	26.36 0.91 0.00	29.68 0.90 -6.17	36.80 0.69 -18.48	33.04 0.95 -8.78	42.09 0.70 -24.52	35.36 1.00 -8.72	43.99 0.40 -33.25	40.46 0.27 -32.78	37.28 0.99 -7.92	36.39 1.16 -2.12	28.03 0.94 -0.21	24.01 0.80 0.00	21.70 0.61 0.00
AUBURN____LFGE 323710	32.78 0.42 0.00	24.71 0.28 -0.12	25.88 0.06 0.00	23.81 0.04 0.00	23.58 0.09 0.00	26.59 0.22 -0.09	2.78 -0.06 -6.17	41.97 0.87 -0.81	13.03 0.22 -1.57	45.63 0.72 -0.06	25.50 0.41 -0.04	25.86 0.42 0.00	23.24 0.23 -0.40	19.00 0.18 -1.20	24.07 0.19 -0.57	18.53 0.14 -1.53	26.37 0.20 -0.53	12.56 0.21 -2.01	9.56 0.17 -1.98	29.52 0.68 -0.48	33.87 0.64 -0.13	27.46 0.58 0.00	23.71 0.50 0.00	21.39 0.30 0.00
BABYLON_RES_REC 323704	35.71 2.71 -0.64	28.07 2.09 -1.67	29.16 2.16 -1.18	27.23 1.96 -1.50	25.32 1.83 0.00	29.42 1.93 -1.22	82.38 -0.25 -85.96	54.26 2.75 -11.23	34.17 1.02 -21.91	49.45 3.77 -0.83	34.83 2.28 -7.50	28.77 2.24 -1.09	35.77 2.08 -11.07	56.98 1.61 -37.74	39.19 2.13 -13.75	72.61 1.53 -54.22	90.32 2.23 -62.45	72.62 0.85 -61.43	46.50 0.56 -38.54	39.05 2.20 -8.49	54.56 2.85 -18.59	46.30 2.39 -17.03	30.49 2.14 -5.15	22.78 1.69 0.00
BABYLON__69_KV_BK2 356345	36.14 3.14 -0.64	28.41 2.43 -1.67	29.52 2.52 -1.18	27.55 2.28 -1.50	25.63 2.14 0.00	29.73 2.23 -1.22	82.34 -0.29 -85.96	54.72 3.20 -11.23	34.32 1.17 -21.91	49.99 4.31 -0.83	35.15 2.59 -7.50	29.11 2.58 -1.09	36.07 2.39 -11.07	57.22 1.85 -37.74	39.62 2.56 -13.75	72.97 1.89 -54.22	90.83 2.75 -62.45	72.85 1.08 -61.43	46.68 0.73 -38.54	39.63 2.77 -8.49	55.06 3.36 -18.59	46.71 2.80 -17.03	30.81 2.46 -5.15	23.09 2.00 0.00
BALL_HILL_WT_PWR 323825	31.87 -0.49 0.00	23.97 -0.49 -0.15	25.22 -0.60 0.00	23.22 -0.55 0.00	22.94 -0.54 0.00	25.98 -0.41 -0.11	4.37 0.01 -7.68	41.50 0.21 -1.00	13.21 0.04 -1.94	44.75 -0.17 -0.08	24.85 -0.24 -0.04	25.22 -0.23 0.00	22.78 -0.32 -0.48	18.94 -0.13 -1.44	23.72 -0.29 -0.70	18.53 -0.21 -1.88	25.63 -0.66 -0.66	12.71 -0.14 -2.51	9.73 -0.15 -2.47	28.37 -0.60 -0.60	32.75 -0.52 -0.16	26.68 -0.20 0.00	23.28 0.08 0.00	21.33 0.24 0.00
BARON_WINDS____WT_PWR 323822	32.10 -0.25 0.00	24.20 -0.31 -0.19	25.40 -0.42 0.00	23.35 -0.42 0.00	23.04 -0.45 0.00	26.00 -0.41 -0.14	6.58 0.04 -9.86	41.57 0.00 -1.28	13.76 0.03 -2.49	44.84 -0.10 -0.10	24.86 -0.25 -0.06	25.16 -0.29 0.00	22.87 -0.36 -0.62	19.23 -0.24 -1.85	23.84 -0.38 -0.90	19.05 -0.22 -2.41	25.95 -0.54 -0.84	13.41 -0.14 -3.22	10.47 -0.11 -3.18	28.87 -0.27 -0.77	33.03 -0.29 -0.20	26.80 -0.08 0.00	23.26 0.06 0.00	21.26 0.17 0.00
BARRETT_IC_1 23704	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_10 23701	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_11 23702	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_12 23703	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_2 23705	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_3 23706	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_4 23707	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_5 23708	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_6 23709	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00

BARRETT_IC_7 23710	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.82 1.56 -1.50	24.96 1.47 0.00	29.00 1.50 -1.22	82.45 -0.18 -85.96	53.46 1.94 -11.23	33.93 0.78 -21.91	48.50 2.82 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.91 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.73 1.82 -17.03	30.01 1.65 -5.15	22.42 1.32 0.00
BARRETT_IC_8 23711	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT_IC_9 23700	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT___1 23545	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BARRETT___2 23546	35.15 2.15 -0.64	27.64 1.66 -1.67	28.74 1.74 -1.18	26.83 1.56 -1.50	24.96 1.47 0.00	29.01 1.52 -1.22	82.45 -0.19 -85.96	53.46 1.95 -11.23	33.93 0.78 -21.91	48.51 2.83 -0.83	34.38 1.83 -7.50	28.37 1.84 -1.09	35.39 1.70 -11.07	56.66 1.29 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.99 1.90 -62.45	72.52 0.74 -61.43	46.44 0.49 -38.54	38.61 1.75 -8.49	53.76 2.05 -18.59	45.74 1.83 -17.03	30.03 1.68 -5.15	22.42 1.32 0.00
BATAVIA___115KV_TB1 55881	32.24 -0.12 0.00	24.24 -0.20 -0.13	25.54 -0.28 0.00	23.55 -0.22 0.00	23.26 -0.22 0.00	26.30 -0.07 -0.09	3.25 -0.04 -6.61	41.98 0.84 -0.86	13.06 0.15 -1.67	44.90 -0.01 -0.07	25.09 0.00 -0.04	25.38 -0.06 0.00	22.74 -0.28 -0.42	18.73 -0.14 -1.25	23.62 -0.30 -0.61	18.27 -0.21 -1.62	25.58 -0.63 -0.57	12.43 -0.07 -2.16	9.49 -0.04 -2.13	28.72 -0.16 -0.51	33.24 -0.01 -0.14	27.02 0.14 0.00	23.60 0.40 0.00	21.60 0.52 0.00
BAYONEEC___CTG1 323682	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG10 323750	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG2 323683	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG3 323684	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG4 323685	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG5 323686	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG6 323687	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG7 323688	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BAYONEEC___CTG8 323689	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00

BAYONEEC___CTG9 323749	34.15 1.60 -0.19	27.23 1.26 -1.67	27.17 1.34 0.00	24.97 1.20 0.00	24.64 1.16 0.00	28.63 1.14 -1.22	82.45 -0.15 -85.92	53.27 1.76 -11.22	33.77 0.63 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	35.96 1.35 -6.24	34.49 1.58 0.20	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
BEACON___LESR 323632	32.93 0.81 0.23	27.11 0.67 -2.13	26.50 0.67 0.00	24.36 0.59 0.00	24.09 0.61 0.00	28.61 0.77 -1.56	106.47 -0.10 -109.89	55.91 1.27 -14.35	39.62 0.37 -28.01	47.23 1.32 -1.07	26.30 0.65 -0.60	26.07 0.62 0.00	29.90 0.67 -6.61	38.11 0.55 -19.94	33.47 0.69 -9.48	43.80 0.49 -26.44	35.83 0.79 -9.40	46.55 0.35 -35.86	43.00 0.24 -35.35	37.87 0.95 -8.55	36.39 0.99 -2.28	27.79 0.73 -0.18	23.79 0.59 0.00	21.52 0.43 0.00
BEAVER RIVER___HYD 24048	32.48 0.12 0.00	24.45 0.10 -0.04	25.88 0.06 0.00	23.80 0.03 0.00	23.65 0.16 0.00	26.64 0.33 -0.03	-1.33 -0.05 -2.04	41.26 0.71 -0.27	11.83 0.07 -0.52	44.85 -0.02 -0.02	25.15 0.08 -0.01	25.45 0.01 0.00	22.49 -0.26 -0.13	17.68 -0.33 -0.39	22.99 -0.51 -0.19	17.06 -0.30 -0.50	25.60 -0.21 -0.17	10.96 -0.04 -0.66	8.14 0.08 -0.66	29.10 0.57 -0.16	33.87 0.72 -0.04	27.35 0.47 0.00	23.53 0.33 0.00	21.37 0.28 0.00
BEEBEE_GT_13 23619	32.02 -0.34 0.00	24.08 -0.34 -0.11	25.38 -0.44 0.00	23.38 -0.39 0.00	23.10 -0.38 0.00	26.06 -0.30 -0.08	2.54 -0.01 -5.87	41.25 0.20 -0.76	12.76 0.04 -1.48	44.71 -0.20 -0.06	24.95 -0.14 -0.03	25.31 -0.13 0.00	22.75 -0.23 -0.37	18.64 -0.10 -1.11	23.61 -0.24 -0.54	18.14 -0.16 -1.44	25.67 -0.47 -0.50	12.19 -0.06 -1.91	9.25 -0.04 -1.89	28.60 -0.23 -0.45	33.09 -0.15 -0.12	26.86 -0.03 0.00	23.35 0.15 0.00	21.29 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.62 2.08 -0.19	27.58 1.60 -1.67	27.51 1.69 0.00	25.27 1.50 0.00	24.94 1.45 0.00	28.97 1.48 -1.22	82.41 -0.19 -85.92	53.76 2.25 -11.22	33.95 0.81 -21.90	48.82 3.14 -0.84	27.42 1.89 -0.47	27.35 1.91 0.00	29.66 1.82 -5.22	34.57 1.39 -15.56	32.66 1.95 -7.40	38.98 1.46 -20.66	35.04 2.05 -7.35	39.14 0.77 -28.03	35.54 0.49 -27.64	36.76 1.71 -6.68	36.91 2.02 -1.79	29.24 1.79 -0.57	24.73 1.53 0.00	22.26 1.17 0.00
BETHLEHEM___GRP 23843	32.50 0.37 0.22	26.79 0.34 -2.14	26.19 0.37 0.00	24.09 0.32 0.00	23.80 0.32 0.00	28.21 0.37 -1.56	106.71 -0.05 -110.08	55.30 0.63 -14.38	39.49 0.20 -28.06	46.57 0.66 -1.07	25.99 0.33 -0.60	25.75 0.31 0.00	29.59 0.35 -6.63	37.87 0.27 -19.97	33.14 0.33 -9.49	43.59 0.23 -26.49	35.41 0.35 -9.42	46.42 0.16 -35.92	42.93 0.12 -35.41	37.37 0.44 -8.56	35.88 0.49 -2.29	27.38 0.32 -0.18	23.47 0.26 0.00	21.25 0.16 0.00
BETHLEHEM___GS1 323560	32.50 0.37 0.22	26.79 0.34 -2.14	26.19 0.37 0.00	24.10 0.32 0.00	23.80 0.32 0.00	28.21 0.37 -1.56	106.71 -0.05 -110.08	55.30 0.64 -14.38	39.49 0.20 -28.06	46.57 0.66 -1.07	25.99 0.33 -0.60	25.75 0.31 0.00	29.59 0.35 -6.63	37.87 0.27 -19.97	33.14 0.34 -9.49	43.59 0.23 -26.49	35.41 0.35 -9.42	46.42 0.16 -35.92	42.93 0.12 -35.41	37.37 0.44 -8.56	35.88 0.49 -2.29	27.39 0.33 -0.18	23.47 0.26 0.00	21.25 0.16 0.00
BETHLEHEM___GS2 323561	32.50 0.37 0.22	26.79 0.34 -2.14	26.19 0.37 0.00	24.10 0.32 0.00	23.80 0.32 0.00	28.21 0.37 -1.56	106.71 -0.05 -110.08	55.30 0.64 -14.38	39.49 0.20 -28.06	46.57 0.66 -1.07	25.99 0.33 -0.60	25.75 0.31 0.00	29.59 0.35 -6.63	37.87 0.27 -19.97	33.14 0.34 -9.49	43.59 0.23 -26.49	35.41 0.35 -9.42	46.42 0.16 -35.92	42.93 0.12 -35.41	37.37 0.44 -8.56	35.88 0.49 -2.29	27.39 0.33 -0.18	23.47 0.26 0.00	21.25 0.16 0.00
BETHLEHEM___GS3 323562	32.50 0.37 0.22	26.79 0.34 -2.14	26.19 0.37 0.00	24.10 0.32 0.00	23.80 0.32 0.00	28.21 0.37 -1.56	106.71 -0.05 -110.08	55.30 0.64 -14.38	39.49 0.20 -28.06	46.57 0.66 -1.07	25.99 0.33 -0.60	25.75 0.31 0.00	29.59 0.35 -6.63	37.87 0.27 -19.97	33.14 0.34 -9.49	43.59 0.23 -26.49	35.41 0.35 -9.42	46.42 0.16 -35.92	42.93 0.12 -35.41	37.37 0.44 -8.56	35.88 0.49 -2.29	27.39 0.33 -0.18	23.47 0.26 0.00	21.25 0.16 0.00
BETHLEHEM___STEEL 23779	31.76 -0.60 0.00	23.89 -0.57 -0.14	25.15 -0.68 0.00	23.18 -0.59 0.00	22.89 -0.60 0.00	25.88 -0.51 -0.11	4.19 0.01 -7.49	41.28 0.02 -0.97	13.11 -0.02 -1.89	44.42 -0.50 -0.08	24.74 -0.36 -0.04	25.12 -0.32 0.00	22.64 -0.44 -0.47	18.80 -0.23 -1.41	23.57 -0.43 -0.69	18.38 -0.32 -1.83	25.44 -0.84 -0.64	12.60 -0.19 -2.45	9.64 -0.18 -2.41	28.24 -0.71 -0.58	32.65 -0.62 -0.15	26.59 -0.29 0.00	23.26 0.05 0.00	21.31 0.23 0.00
BETHLHEM_115KV_TB1 79974	32.61 0.47 0.22	26.86 0.41 -2.14	26.27 0.45 0.00	24.16 0.39 0.00	23.87 0.39 0.00	28.28 0.44 -1.56	106.74 -0.07 -110.13	55.41 0.74 -14.38	39.54 0.23 -28.07	46.71 0.79 -1.07	26.06 0.41 -0.60	25.83 0.39 0.00	29.67 0.42 -6.63	37.94 0.33 -19.98	33.22 0.41 -9.50	43.66 0.29 -26.50	35.50 0.43 -9.42	46.47 0.19 -35.93	42.97 0.14 -35.43	37.46 0.52 -8.56	35.99 0.58 -2.29	27.47 0.41 -0.18	23.54 0.34 0.00	21.32 0.23 0.00
BETHPAGE_CC_5 323564	35.54 2.54 -0.64	27.93 1.95 -1.67	29.04 2.05 -1.18	27.11 1.84 -1.50	25.22 1.74 0.00	29.31 1.81 -1.22	82.40 -0.24 -85.96	54.06 2.54 -11.23	34.10 0.95 -21.91	49.20 3.52 -0.83	34.69 2.14 -7.50	28.65 2.11 -1.09	35.67 1.98 -11.07	56.90 1.53 -37.74	39.18 2.12 -13.75	72.65 1.57 -54.22	90.38 2.30 -62.45	72.67 0.90 -61.43	46.54 0.60 -38.54	39.03 2.17 -8.49	54.29 2.58 -18.59	46.08 2.17 -17.03	30.30 1.95 -5.15	22.64 1.55 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.82 -0.54 0.00	23.93 -0.52 -0.15	25.20 -0.63 0.00	23.22 -0.55 0.00	22.92 -0.57 0.00	25.93 -0.46 -0.11	4.26 0.01 -7.57	41.38 0.11 -0.98	13.15 0.00 -1.91	44.55 -0.37 -0.08	24.81 -0.29 -0.04	25.18 -0.26 0.00	22.70 -0.39 -0.47	18.85 -0.19 -1.42	23.63 -0.37 -0.69	18.43 -0.28 -1.85	25.52 -0.76 -0.65	12.64 -0.16 -2.47	9.68 -0.16 -2.44	28.32 -0.64 -0.59	32.73 -0.54 -0.16	26.66 -0.22 0.00	23.30 0.10 0.00	21.35 0.27 0.00
BINGHAMTON___COGEN 23790	32.40 0.04 0.00	24.57 -0.01 -0.27	25.77 -0.05 0.00	23.69 -0.08 0.00	23.41 -0.07 0.00	26.50 0.02 -0.20	10.70 -0.01 -14.03	42.45 0.36 -1.81	14.89 0.12 -3.53	45.36 0.38 -0.14	25.22 0.08 -0.08	25.51 0.07 0.00	23.55 0.07 -0.87	20.29 0.07 -2.59	24.67 0.06 -1.30	20.34 0.07 -3.40	26.85 0.01 -1.20	14.97 0.05 -4.58	11.94 0.03 -4.51	29.59 0.13 -1.09	33.57 0.16 -0.29	27.07 0.18 0.00	23.38 0.17 0.00	21.25 0.16 0.00
BIXINCNT_115KV_LOAD 355685	32.13 -0.23 0.00	24.15 -0.31 -0.15	25.41 -0.42 0.00	23.40 -0.36 0.00	23.05 -0.44 0.00	26.05 -0.33 -0.11	4.59 -0.01 -7.92	41.79 0.47 -1.03	13.36 0.13 -2.00	45.32 0.40 -0.08	25.10 0.00 -0.04	25.43 -0.02 0.00	22.95 -0.17 -0.50	19.05 -0.06 -1.49	23.88 -0.16 -0.73	18.65 -0.15 -1.93	25.78 -0.53 -0.68	12.81 -0.12 -2.58	9.83 -0.13 -2.55	28.55 -0.43 -0.61	33.03 -0.25 -0.16	26.90 0.02 0.00	23.50 0.30 0.00	21.52 0.43 0.00

BLACK RIVER___HYD 24047	32.88 0.52 0.00	24.77 0.40 -0.05	26.18 0.35 0.00	24.05 0.27 0.00	23.93 0.44 0.00	27.02 0.70 -0.04	-0.61 -0.11 -2.82	42.11 1.45 -0.37	12.19 0.23 -0.72	45.31 0.44 -0.03	25.50 0.43 -0.02	25.74 0.30 0.00	22.79 -0.01 -0.18	17.98 -0.18 -0.54	23.21 -0.36 -0.26	17.36 -0.19 -0.69	25.87 -0.01 -0.24	11.30 0.04 -0.92	8.51 0.19 -0.91	29.69 1.10 -0.22	34.51 1.34 -0.06	27.82 0.94 0.00	23.94 0.73 0.00	21.71 0.62 0.00
BLACKRVR_115KV_TB2 79977	32.88 0.52 0.00	24.77 0.40 -0.05	26.18 0.35 0.00	24.05 0.28 0.00	23.93 0.45 0.00	27.03 0.72 -0.04	-0.61 -0.11 -2.82	42.11 1.46 -0.37	12.19 0.24 -0.72	45.32 0.45 -0.03	25.50 0.43 -0.02	25.74 0.30 0.00	22.79 -0.01 -0.18	17.98 -0.18 -0.54	23.21 -0.36 -0.26	17.36 -0.20 -0.69	25.87 -0.01 -0.24	11.30 0.04 -0.92	8.51 0.19 -0.91	29.69 1.10 -0.22	34.51 1.33 -0.06	27.82 0.94 0.00	23.96 0.75 0.00	21.71 0.62 0.00
BLISS_WT_PWR 323608	32.15 -0.21 0.00	24.18 -0.29 -0.15	25.41 -0.41 0.00	23.40 -0.37 0.00	23.02 -0.46 0.00	26.00 -0.38 -0.11	4.59 -0.01 -7.92	41.77 0.45 -1.03	13.37 0.14 -2.00	45.37 0.44 -0.08	25.12 0.02 -0.04	25.45 0.01 0.00	22.96 -0.15 -0.50	19.06 -0.05 -1.49	23.91 -0.13 -0.73	18.67 -0.13 -1.93	25.82 -0.50 -0.68	12.81 -0.11 -2.58	9.83 -0.12 -2.55	28.59 -0.40 -0.61	33.06 -0.22 -0.16	26.90 0.02 0.00	23.49 0.29 0.00	21.54 0.45 0.00
BLUESTONE___WT_PWR 323821	33.71 1.35 0.00	25.57 0.94 -0.31	26.67 0.85 0.00	24.51 0.74 0.00	24.23 0.74 0.00	27.61 1.11 -0.23	12.65 -0.02 -15.98	46.40 3.80 -2.32	16.80 1.04 -4.52	48.78 3.65 -0.29	26.71 1.50 -0.16	26.86 1.42 0.00	25.76 1.33 -1.81	23.98 0.94 -5.41	26.40 0.82 -2.27	22.81 0.74 -5.20	27.92 0.92 -1.37	16.03 0.48 -5.22	12.90 0.35 -5.14	30.98 1.37 -1.24	35.07 1.63 -0.33	28.23 1.34 0.00	24.29 1.09 0.00	21.89 0.80 0.00
BLUE_CIRC_CHEM_DRP 24182	33.11 0.92 0.16	27.18 0.76 -2.10	26.64 0.81 0.00	24.51 0.74 0.00	24.20 0.71 0.00	28.66 0.84 -1.54	104.99 -0.12 -108.42	55.82 1.37 -14.16	39.26 0.39 -27.63	47.27 1.37 -1.05	26.35 0.71 -0.59	26.14 0.70 0.00	29.85 0.70 -6.54	37.84 0.55 -19.66	33.36 0.70 -9.35	43.46 0.50 -26.09	35.66 0.75 -9.27	46.05 0.33 -35.38	42.52 0.24 -34.88	37.72 0.91 -8.43	36.44 1.07 -2.25	27.86 0.80 -0.17	23.89 0.69 0.00	21.64 0.55 0.00
BOC_GAS_DRP 24189	32.91 0.71 0.16	27.05 0.60 -2.14	26.46 0.64 0.00	24.34 0.57 0.00	24.04 0.56 0.00	28.45 0.61 -1.57	106.97 -0.08 -110.38	55.71 1.01 -14.42	39.68 0.30 -28.13	47.04 1.13 -1.07	26.27 0.61 -0.60	26.04 0.59 0.00	29.87 0.60 -6.66	38.12 0.46 -20.03	33.45 0.61 -9.52	43.87 0.44 -26.57	35.72 0.63 -9.44	46.62 0.26 -36.02	43.10 0.19 -35.51	37.65 0.70 -8.58	36.22 0.81 -2.29	27.69 0.63 -0.18	23.74 0.54 0.00	21.49 0.41 0.00
BOONVILLE_115KV_TB1 79983	32.83 0.48 0.00	24.72 0.37 -0.03	26.24 0.42 0.00	24.13 0.36 0.00	23.93 0.44 0.00	26.91 0.61 -0.03	-1.62 -0.07 -1.77	41.54 1.02 -0.23	11.92 0.23 -0.45	45.61 0.75 -0.02	25.46 0.39 -0.01	25.80 0.36 0.00	22.93 0.20 -0.11	18.04 0.08 -0.34	23.52 0.04 -0.16	17.37 0.07 -0.43	26.04 0.25 -0.15	11.06 0.14 -0.58	8.13 0.16 -0.57	29.23 0.72 -0.14	34.01 0.86 -0.04	27.52 0.64 0.00	23.73 0.52 0.00	21.54 0.46 0.00
BORALEX_4TH_BRANCH 23824	33.18 1.33 0.51	27.57 1.14 -2.11	27.06 1.24 0.00	24.89 1.12 0.00	24.59 1.11 0.00	29.13 1.30 -1.55	105.50 -0.19 -109.00	56.51 1.98 -14.24	39.59 0.57 -27.78	47.88 1.98 -1.06	26.62 0.97 -0.59	26.34 0.89 0.00	29.97 0.85 -6.51	38.06 0.66 -19.78	33.55 0.84 -9.40	43.56 0.46 -26.23	35.75 0.79 -9.32	46.31 0.40 -35.57	42.77 0.30 -35.07	38.15 1.31 -8.48	36.82 1.44 -2.26	28.13 1.06 -0.19	24.13 0.92 0.00	21.83 0.74 0.00
BOWLINE___1 23526	33.81 1.28 -0.17	26.89 1.00 -1.58	26.89 1.06 0.00	24.70 0.93 0.00	24.41 0.92 0.00	28.37 0.94 -1.16	78.14 -0.13 -81.59	52.53 1.59 -10.66	32.59 0.55 -20.80	47.78 2.15 -0.79	26.78 1.28 -0.44	26.71 1.27 0.00	28.82 1.25 -4.96	33.36 0.96 -14.77	31.71 1.38 -7.02	37.54 1.06 -19.62	34.11 1.49 -6.98	37.55 0.59 -26.62	34.03 0.38 -26.24	35.98 1.27 -6.34	36.22 1.42 -1.70	27.39 1.23 0.71	24.25 1.05 0.00	21.86 0.77 0.00
BOWLINE___2 23595	33.81 1.28 -0.17	26.90 1.00 -1.58	26.89 1.06 0.00	24.70 0.93 0.00	24.41 0.92 0.00	28.37 0.94 -1.16	78.15 -0.13 -81.60	52.54 1.60 -10.66	32.59 0.55 -20.80	47.79 2.16 -0.79	26.78 1.28 -0.44	26.71 1.27 0.00	28.82 1.25 -4.96	33.37 0.96 -14.78	31.71 1.38 -7.02	37.54 1.06 -19.62	34.11 1.49 -6.98	37.55 0.59 -26.62	34.03 0.38 -26.25	35.98 1.27 -6.35	36.23 1.42 -1.70	27.39 1.23 0.71	24.25 1.05 0.00	21.86 0.77 0.00
BRADY___115KV_TB2 356060	32.32 -0.04 0.00	24.24 -0.07 0.00	25.82 0.00 0.00	23.82 0.05 0.00	23.54 0.05 0.00	26.31 0.03 0.00	-3.32 0.00 0.00	40.15 -0.14 0.00	11.07 -0.17 0.00	44.50 -0.35 0.00	24.86 -0.20 0.00	25.32 -0.12 0.00	22.43 -0.18 0.00	17.47 -0.15 0.00	23.10 -0.21 0.00	16.71 -0.16 0.00	25.58 -0.06 0.00	10.23 -0.11 0.00	7.36 -0.05 0.00	28.28 -0.09 0.00	33.04 -0.07 0.00	26.77 -0.11 0.00	23.04 -0.17 0.00	21.01 -0.08 0.00
BRANSCOMB___SOLAR 323811	33.69 1.61 0.29	27.75 1.27 -2.16	27.18 1.36 0.00	25.02 1.25 0.00	24.72 1.24 0.00	29.32 1.46 -1.58	108.03 -0.21 -111.56	57.31 2.45 -14.57	40.35 0.68 -28.43	48.36 2.43 -1.08	26.97 1.30 -0.60	26.71 1.26 0.00	30.47 1.15 -6.71	38.79 0.92 -20.24	34.09 1.15 -9.62	44.58 0.86 -26.85	36.57 1.38 -9.54	47.36 0.62 -36.40	43.75 0.46 -35.89	38.83 1.78 -8.68	37.42 1.99 -2.32	28.50 1.43 -0.18	24.42 1.21 0.00	22.08 0.99 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.94 2.94 -0.64	28.28 2.29 -1.67	29.37 2.37 -1.18	27.44 2.18 -1.50	25.51 2.03 0.00	29.59 2.10 -1.22	82.36 -0.28 -85.96	54.49 2.97 -11.23	34.26 1.11 -21.91	49.76 4.08 -0.83	35.03 2.48 -7.50	28.99 2.46 -1.09	35.95 2.26 -11.07	57.11 1.74 -37.74	39.48 2.42 -13.75	72.86 1.78 -54.22	90.59 2.51 -62.45	72.74 0.97 -61.43	46.60 0.65 -38.54	39.42 2.57 -8.49	54.83 3.12 -18.59	46.51 2.60 -17.03	30.68 2.32 -5.15	22.99 1.90 0.00
BRISTLHL_115KV_TB1 79998	32.52 0.16 0.00	24.49 0.09 -0.09	25.90 0.08 0.00	23.82 0.05 0.00	23.56 0.07 0.00	26.51 0.17 -0.06	1.04 -0.04 -4.40	41.46 0.60 -0.57	12.49 0.13 -1.12	45.26 0.37 -0.04	25.26 0.17 -0.03	25.60 0.16 0.00	23.00 0.11 -0.28	18.50 0.04 -0.84	23.74 0.02 -0.40	17.98 0.03 -1.08	26.07 0.05 -0.38	11.89 0.11 -1.44	8.92 0.10 -1.42	29.14 0.43 -0.34	33.74 0.54 -0.09	27.29 0.41 0.00	23.56 0.36 0.00	21.40 0.32 0.00
BROOKHAVEN___DRP 24191	36.13 3.13 -0.64	28.38 2.40 -1.67	29.48 2.48 -1.18	27.50 2.24 -1.50	25.56 2.07 0.00	29.65 2.15 -1.22	82.34 -0.30 -85.96	54.67 3.15 -11.23	34.32 1.17 -21.91	49.90 4.23 -0.83	35.03 2.47 -7.50	28.98 2.44 -1.09	35.94 2.25 -11.07	57.10 1.74 -37.74	39.54 2.48 -13.75	72.89 1.81 -54.22	90.74 2.66 -62.45	72.84 1.07 -61.43	46.68 0.73 -38.54	39.55 2.70 -8.49	54.98 3.27 -18.59	46.67 2.76 -17.03	30.82 2.47 -5.15	23.06 1.97 0.00

BROOKLYN_NAVY_YARD 23515	34.09 1.55 -0.19	27.19 1.21 -1.67	27.10 1.28 0.00	24.90 1.13 0.00	24.58 1.10 0.00	28.57 1.08 -1.22	82.45 -0.14 -85.92	53.22 1.71 -11.22	33.77 0.63 -21.90	48.17 2.49 -0.83	27.01 1.49 -0.46	26.96 1.52 0.00	29.29 1.45 -5.22	34.30 1.11 -15.56	32.29 1.59 -7.40	38.72 1.19 -20.66	34.65 1.66 -7.35	39.01 0.63 -28.03	35.44 0.39 -27.64	36.38 1.34 -6.68	36.47 1.57 -1.78	28.88 1.42 -0.57	24.43 1.22 0.00	22.01 0.92 0.00
BROOKLYN___ARMY_DRP 323595	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
BROOKVLE_69_KV_TB1 55790	35.25 2.25 -0.64	27.72 1.73 -1.67	28.82 1.82 -1.18	26.89 1.63 -1.50	25.04 1.56 0.00	29.11 1.61 -1.22	82.43 -0.21 -85.96	53.90 2.38 -11.23	33.99 0.84 -21.91	48.89 3.22 -0.83	34.60 2.04 -7.50	28.57 2.04 -1.09	35.62 1.93 -11.07	56.87 1.50 -37.74	39.15 2.09 -13.75	72.63 1.55 -54.22	90.26 2.18 -62.45	72.63 0.86 -61.43	46.50 0.56 -38.54	38.84 1.99 -8.49	54.02 2.32 -18.59	45.94 2.03 -17.03	30.09 1.74 -5.15	22.47 1.38 0.00
BROOME_2_LFGE 323671	32.40 0.04 0.00	24.57 -0.01 -0.27	25.77 -0.05 0.00	23.69 -0.08 0.00	23.41 -0.07 0.00	26.49 0.01 -0.20	10.70 -0.01 -14.03	42.44 0.34 -1.81	14.89 0.12 -3.53	45.36 0.37 -0.14	25.22 0.08 -0.08	25.51 0.07 0.00	23.55 0.07 -0.87	20.29 0.07 -2.59	24.67 0.06 -1.30	20.34 0.07 -3.40	26.85 0.01 -1.20	14.97 0.05 -4.58	11.94 0.03 -4.51	29.59 0.12 -1.09	33.57 0.16 -0.29	27.07 0.18 0.00	23.37 0.16 0.00	21.26 0.17 0.00
BROOME___LFGE 323600	32.40 0.04 0.00	24.57 -0.01 -0.27	25.77 -0.05 0.00	23.69 -0.08 0.00	23.41 -0.07 0.00	26.49 0.01 -0.20	10.70 -0.01 -14.03	42.44 0.34 -1.81	14.89 0.12 -3.53	45.36 0.37 -0.14	25.22 0.08 -0.08	25.51 0.07 0.00	23.55 0.07 -0.87	20.29 0.07 -2.59	24.67 0.06 -1.30	20.34 0.07 -3.40	26.85 0.01 -1.20	14.97 0.05 -4.58	11.94 0.03 -4.51	29.59 0.12 -1.09	33.57 0.16 -0.29	27.07 0.18 0.00	23.37 0.16 0.00	21.26 0.17 0.00
BROWNFLS_115KV_TB_3_5 80003	32.09 -0.27 0.00	24.08 -0.23 0.00	25.59 -0.23 0.00	23.56 -0.21 0.00	23.36 -0.13 0.00	26.21 0.01 0.00	-3.31 0.01 0.00	40.22 -0.07 0.00	11.10 -0.14 0.00	44.26 -0.58 0.00	24.78 -0.28 0.00	25.14 -0.30 0.00	22.17 -0.44 0.00	17.19 -0.44 0.00	22.70 -0.61 0.00	16.45 -0.41 0.00	25.23 -0.41 0.00	10.17 -0.17 0.00	7.36 -0.05 0.00	28.38 0.01 0.00	33.18 0.07 0.00	26.85 -0.03 0.00	23.11 -0.10 0.00	21.01 -0.08 0.00
BROWNSV1_27_KV_LOAD 356125	34.58 2.04 -0.19	27.55 1.57 -1.67	27.48 1.65 0.00	25.23 1.46 0.00	24.90 1.41 0.00	28.93 1.43 -1.22	82.41 -0.19 -85.92	53.79 2.28 -11.22	33.93 0.79 -21.90	48.81 3.13 -0.83	27.40 1.87 -0.46	27.33 1.89 0.00	29.64 1.80 -5.22	34.57 1.39 -15.56	32.64 1.94 -7.40	38.97 1.44 -20.66	35.04 2.05 -7.35	39.16 0.79 -28.03	35.54 0.50 -27.64	36.80 1.75 -6.68	36.95 2.05 -1.78	29.26 1.81 -0.57	24.74 1.53 0.00	22.27 1.19 0.00
BURROWS___LYONSDAL 23803	32.76 0.40 0.00	24.66 0.31 -0.04	26.16 0.33 0.00	24.06 0.28 0.00	23.87 0.38 0.00	26.86 0.56 -0.03	-1.57 -0.07 -1.82	41.49 0.96 -0.24	11.90 0.20 -0.46	45.45 0.59 -0.02	25.39 0.32 -0.01	25.72 0.28 0.00	22.81 0.08 -0.12	17.94 -0.03 -0.35	23.37 -0.11 -0.17	17.29 -0.02 -0.45	25.93 0.13 -0.16	11.03 0.10 -0.60	8.14 0.14 -0.58	29.21 0.70 -0.14	33.99 0.83 -0.04	27.49 0.60 0.00	23.69 0.49 0.00	21.51 0.42 0.00
CAITHNESS_CC_1 323624	35.98 2.98 -0.64	28.27 2.29 -1.67	29.37 2.37 -1.18	27.41 2.15 -1.50	25.48 2.00 0.00	29.61 2.11 -1.22	82.35 -0.28 -85.96	54.51 2.99 -11.23	34.27 1.12 -21.91	49.74 4.07 -0.83	34.95 2.39 -7.50	28.90 2.36 -1.09	35.86 2.18 -11.07	57.04 1.67 -37.74	39.45 2.39 -13.75	72.82 1.74 -54.22	90.63 2.55 -62.45	72.79 1.02 -61.43	46.64 0.69 -38.54	39.41 2.55 -8.49	54.81 3.10 -18.59	46.54 2.63 -17.03	30.77 2.41 -5.15	22.98 1.89 0.00
CALPINE BETH_PAGE_GT4 24209	35.51 2.51 -0.64	27.92 1.93 -1.67	29.02 2.02 -1.18	27.08 1.81 -1.50	25.20 1.71 0.00	29.27 1.77 -1.22	82.41 -0.23 -85.96	54.03 2.51 -11.23	34.08 0.93 -21.91	49.13 3.45 -0.83	34.64 2.08 -7.50	28.58 2.05 -1.09	35.60 1.91 -11.07	56.85 1.48 -37.74	39.11 2.05 -13.75	72.60 1.52 -54.22	90.31 2.22 -62.45	72.65 0.87 -61.43	46.53 0.58 -38.54	38.95 2.10 -8.49	54.19 2.48 -18.59	45.99 2.09 -17.03	30.20 1.85 -5.15	22.58 1.48 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.51 2.52 -0.64	27.91 1.93 -1.67	29.02 2.02 -1.18	27.09 1.82 -1.50	25.20 1.71 0.00	29.29 1.79 -1.22	82.41 -0.23 -85.96	54.04 2.53 -11.23	34.09 0.94 -21.91	49.14 3.46 -0.83	34.63 2.08 -7.50	28.58 2.05 -1.09	35.60 1.91 -11.07	56.85 1.48 -37.74	39.12 2.06 -13.75	72.60 1.52 -54.22	90.31 2.23 -62.45	72.65 0.87 -61.43	46.53 0.58 -38.54	38.96 2.10 -8.49	54.19 2.48 -18.59	46.00 2.09 -17.03	30.23 1.88 -5.15	22.58 1.48 0.00
CALPINE_BP_GT1 23823	35.51 2.52 -0.64	27.91 1.93 -1.67	29.02 2.02 -1.18	27.09 1.82 -1.50	25.20 1.71 0.00	29.29 1.79 -1.22	82.41 -0.23 -85.96	54.04 2.53 -11.23	34.09 0.94 -21.91	49.14 3.46 -0.83	34.63 2.08 -7.50	28.58 2.05 -1.09	35.60 1.91 -11.07	56.85 1.48 -37.74	39.12 2.06 -13.75	72.60 1.52 -54.22	90.31 2.23 -62.45	72.65 0.87 -61.43	46.53 0.58 -38.54	38.96 2.10 -8.49	54.19 2.48 -18.59	46.00 2.09 -17.03	30.23 1.88 -5.15	22.58 1.48 0.00
CALSPAN___DRP 24200	31.76 -0.60 0.00	23.89 -0.57 -0.14	25.15 -0.68 0.00	23.18 -0.59 0.00	22.89 -0.60 0.00	25.88 -0.51 -0.11	4.19 0.01 -7.49	41.28 0.02 -0.97	13.11 -0.02 -1.89	44.42 -0.50 -0.08	24.74 -0.36 -0.04	25.12 -0.32 0.00	22.64 -0.44 -0.47	18.80 -0.23 -1.41	23.57 -0.43 -0.69	18.38 -0.32 -1.83	25.44 -0.84 -0.64	12.60 -0.19 -2.45	9.64 -0.18 -2.41	28.24 -0.71 -0.58	32.65 -0.62 -0.15	26.59 -0.29 0.00	23.26 0.05 0.00	21.31 0.23 0.00
CALVERTON___SOLAR 323806	36.31 3.31 -0.64	28.50 2.52 -1.67	29.58 2.58 -1.18	27.61 2.35 -1.50	25.67 2.19 0.00	29.83 2.33 -1.22	82.32 -0.31 -85.96	54.91 3.39 -11.23	34.39 1.24 -21.91	50.18 4.50 -0.83	35.13 2.57 -7.50	29.07 2.54 -1.09	36.03 2.35 -11.07	57.19 1.82 -37.74	39.67 2.61 -13.75	72.99 1.91 -54.22	90.89 2.81 -62.45	72.91 1.13 -61.43	46.73 0.78 -38.54	39.74 2.88 -8.49	55.20 3.49 -18.59	46.85 2.94 -17.03	31.02 2.67 -5.15	23.17 2.07 0.00
CANDIGU_WT_PWR 323617	32.10 -0.25 0.00	24.20 -0.31 -0.19	25.40 -0.42 0.00	23.35 -0.42 0.00	23.04 -0.45 0.00	26.00 -0.41 -0.14	6.58 0.04 -9.86	41.57 0.00 -1.28	13.76 0.03 -2.49	44.84 -0.10 -0.10	24.86 -0.25 -0.06	25.16 -0.29 0.00	22.87 -0.36 -0.62	19.23 -0.24 -1.85	23.84 -0.38 -0.90	19.05 -0.22 -2.41	25.95 -0.54 -0.84	13.41 -0.14 -3.22	10.47 -0.11 -3.18	28.87 -0.27 -0.77	33.03 -0.29 -0.20	26.80 -0.08 0.00	23.26 0.06 0.00	21.26 0.17 0.00

CARR STREET_E__SYR 24060	32.02 -0.34 0.00	24.13 -0.27 -0.09	25.50 -0.32 0.00	23.45 -0.31 0.00	23.18 -0.30 0.00	26.07 -0.27 -0.07	1.36 0.02 -4.67	40.77 -0.12 -0.61	12.39 -0.04 -1.19	44.60 -0.29 -0.05	24.89 -0.19 -0.03	25.24 -0.20 0.00	22.72 -0.19 -0.30	18.36 -0.15 -0.89	23.49 -0.24 -0.43	17.85 -0.16 -1.15	25.75 -0.29 -0.40	11.81 -0.05 -1.52	8.88 -0.03 -1.50	28.61 -0.13 -0.36	33.08 -0.13 -0.10	26.78 -0.10 0.00	23.13 -0.07 0.00	21.03 -0.06 0.00
CARTHAGE__PAPER 23857	32.83 0.46 0.00	24.71 0.35 -0.05	26.14 0.32 0.00	24.03 0.26 0.00	23.90 0.42 0.00	26.95 0.64 -0.04	-0.90 -0.09 -2.52	41.86 1.25 -0.33	12.07 0.19 -0.64	45.21 0.34 -0.03	25.42 0.34 -0.01	25.69 0.25 0.00	22.71 -0.07 -0.16	17.89 -0.21 -0.48	23.20 -0.35 -0.23	17.29 -0.19 -0.62	25.81 -0.04 -0.21	11.20 0.04 -0.82	8.38 0.17 -0.81	29.52 0.96 -0.20	34.36 1.20 -0.05	27.71 0.83 0.00	23.82 0.61 0.00	21.62 0.53 0.00
CASSADAGA_WT_PWR 323784	32.48 0.13 0.00	24.44 -0.03 -0.15	25.71 -0.11 0.00	23.65 -0.11 0.00	23.36 -0.12 0.00	26.45 0.06 -0.11	4.53 -0.05 -7.89	42.35 1.04 -1.03	13.51 0.28 -1.99	45.79 0.86 -0.08	25.38 0.28 -0.04	25.79 0.35 0.00	23.31 0.20 -0.49	19.40 0.29 -1.48	24.32 0.28 -0.72	19.01 0.22 -1.93	26.28 -0.03 -0.68	13.02 0.10 -2.58	9.97 0.02 -2.54	29.07 0.08 -0.61	33.55 0.27 -0.16	27.29 0.41 0.00	23.76 0.55 0.00	21.76 0.68 0.00
CE_DUNWOOD__DRP 24194	34.05 1.51 -0.19	27.16 1.19 -1.66	27.07 1.25 0.00	24.87 1.10 0.00	24.56 1.07 0.00	28.59 1.10 -1.22	82.14 -0.15 -85.60	53.25 1.78 -11.18	33.69 0.63 -21.82	48.12 2.45 -0.83	26.99 1.47 -0.46	26.89 1.46 0.00	29.23 1.41 -5.20	34.22 1.09 -15.51	32.21 1.53 -7.37	38.61 1.15 -20.59	34.60 1.64 -7.32	38.91 0.64 -27.93	35.35 0.41 -27.54	36.45 1.42 -6.66	36.52 1.63 -1.78	28.88 1.40 -0.60	24.40 1.19 0.00	21.99 0.91 0.00
CE_MILLWOOD__DRP 24193	33.98 1.43 -0.18	27.09 1.12 -1.65	27.01 1.19 0.00	24.82 1.05 0.00	24.51 1.02 0.00	28.53 1.05 -1.21	81.58 -0.14 -85.05	53.11 1.71 -11.11	33.52 0.60 -21.68	48.02 2.35 -0.82	26.92 1.40 -0.46	26.84 1.39 0.00	29.13 1.34 -5.17	34.07 1.04 -15.40	32.10 1.47 -7.32	38.43 1.11 -20.45	34.50 1.58 -7.28	38.71 0.62 -27.75	35.16 0.40 -27.36	36.36 1.37 -6.61	36.45 1.56 -1.77	28.85 1.34 -0.63	24.35 1.14 0.00	21.95 0.86 0.00
CE_NYC2_DRP 24202	34.25 1.70 -0.19	27.31 1.33 -1.67	27.23 1.41 0.00	25.02 1.25 0.00	24.69 1.21 0.00	28.69 1.20 -1.22	82.44 -0.16 -85.92	53.38 1.87 -11.22	33.83 0.69 -21.90	48.36 2.68 -0.83	27.15 1.62 -0.46	27.09 1.64 0.00	29.43 1.59 -5.22	34.39 1.20 -15.56	32.41 1.71 -7.40	38.80 1.27 -20.66	34.76 1.77 -7.35	39.04 0.66 -28.03	35.46 0.42 -27.64	36.47 1.42 -6.68	36.59 1.69 -1.79	28.96 1.51 -0.57	24.49 1.29 0.00	22.06 0.97 0.00
CE_NYC_DRP 24195	34.21 1.67 -0.19	27.28 1.30 -1.67	27.20 1.38 0.00	24.99 1.22 0.00	24.67 1.18 0.00	28.67 1.17 -1.22	82.44 -0.16 -85.92	53.35 1.84 -11.22	33.80 0.66 -21.90	48.30 2.62 -0.83	27.12 1.60 -0.46	27.04 1.60 0.00	29.39 1.55 -5.22	34.37 1.18 -15.56	32.38 1.67 -7.40	38.78 1.25 -20.66	34.73 1.74 -7.35	39.04 0.66 -28.03	35.46 0.41 -27.64	36.48 1.43 -6.68	36.57 1.67 -1.78	28.95 1.50 -0.57	24.48 1.28 0.00	22.05 0.96 0.00
CHAFFEE__LFGE 323603	31.70 -0.66 0.00	23.85 -0.62 -0.15	25.09 -0.74 0.00	23.13 -0.64 0.00	22.83 -0.66 0.00	25.81 -0.58 -0.11	4.40 0.01 -7.71	41.22 -0.07 -1.00	13.15 -0.03 -1.94	44.39 -0.53 -0.08	24.72 -0.38 -0.04	25.12 -0.32 0.00	22.65 -0.45 -0.48	18.84 -0.23 -1.45	23.58 -0.44 -0.71	18.42 -0.33 -1.88	25.49 -0.80 -0.66	12.67 -0.19 -2.51	9.70 -0.18 -2.48	28.26 -0.71 -0.60	32.67 -0.60 -0.16	26.58 -0.30 0.00	23.21 0.00 0.00	21.28 0.19 0.00
CHATEAUG_35_KV_LOAD 355732	32.41 0.05 0.00	24.19 -0.12 0.00	25.84 0.02 0.00	23.90 0.13 0.00	23.53 0.04 0.00	26.04 -0.23 0.00	-3.37 -0.05 0.00	39.59 -0.70 0.00	-191.39 -0.18 202.46	34.81 -0.60 9.44	20.61 -0.69 3.76	24.90 -0.54 0.00	22.26 -0.36 0.00	17.39 -0.24 0.00	23.12 -0.19 0.00	16.64 -0.22 0.00	25.38 -0.25 0.00	10.12 -0.22 0.00	7.35 -0.06 0.00	28.32 -0.05 0.00	33.16 0.05 0.00	26.93 0.04 0.00	23.19 -0.01 0.00	21.24 0.16 0.00
CHATEAUG_WT_PWR 323614	32.40 0.04 0.00	24.17 -0.14 0.00	25.80 -0.02 0.00	23.87 0.10 0.00	23.51 0.02 0.00	26.02 -0.26 0.00	-3.37 -0.05 0.00	39.47 -0.82 0.00	-191.40 -0.19 202.46	34.77 -0.64 9.44	20.51 -0.78 3.76	24.84 -0.61 0.00	22.20 -0.42 0.00	17.34 -0.29 0.00	23.07 -0.24 0.00	16.61 -0.26 0.00	25.32 -0.32 0.00	10.10 -0.24 0.00	7.34 -0.07 0.00	28.27 -0.10 0.00	33.12 0.01 0.00	26.91 0.03 0.00	23.19 -0.01 0.00	21.24 0.15 0.00
CHAT_HIGH_FALL_HYD 323578	32.41 0.05 0.00	24.19 -0.12 0.00	25.83 0.01 0.00	23.90 0.13 0.00	23.53 0.04 0.00	26.07 -0.21 0.00	-3.37 -0.04 0.00	39.59 -0.70 0.00	-191.39 -0.18 202.46	34.82 -0.59 9.44	20.60 -0.69 3.76	24.90 -0.54 0.00	22.26 -0.36 0.00	17.39 -0.24 0.00	23.12 -0.19 0.00	16.64 -0.22 0.00	25.38 -0.25 0.00	10.12 -0.22 0.00	7.35 -0.06 0.00	28.32 -0.05 0.00	33.16 0.05 0.00	26.93 0.04 0.00	23.20 0.00 0.00	21.25 0.16 0.00
CHAUTAUQUA__LFGE 323629	32.13 -0.23 0.00	24.16 -0.30 -0.15	25.41 -0.41 0.00	23.39 -0.38 0.00	23.10 -0.39 0.00	26.15 -0.23 -0.11	4.44 -0.01 -7.77	41.83 0.53 -1.01	13.34 0.14 -1.96	45.13 0.21 -0.08	25.06 -0.04 -0.04	25.45 0.00 0.00	23.00 -0.10 -0.49	19.13 0.05 -1.46	23.97 -0.05 -0.71	18.73 -0.03 -1.90	25.91 -0.39 -0.66	12.84 -0.03 -2.54	9.84 -0.07 -2.50	28.68 -0.30 -0.61	33.09 -0.19 -0.16	26.93 0.05 0.00	23.46 0.26 0.00	21.51 0.43 0.00
CHERRYST_13_KV_LD 356241	34.31 1.77 -0.19	27.35 1.37 -1.67	27.28 1.45 0.00	25.06 1.29 0.00	24.74 1.26 0.00	28.75 1.26 -1.22	82.43 -0.16 -85.92	53.48 1.97 -11.22	33.85 0.71 -21.90	48.49 2.81 -0.83	27.23 1.71 -0.46	27.16 1.71 0.00	29.48 1.64 -5.22	34.45 1.27 -15.56	32.48 1.77 -7.40	38.85 1.32 -20.66	34.85 1.86 -7.35	39.08 0.71 -28.03	35.48 0.44 -27.64	36.57 1.52 -6.68	36.68 1.78 -1.78	29.03 1.58 -0.57	24.55 1.34 0.00	22.11 1.02 0.00
CHESTROR_138KV_BK263 355645	33.62 1.11 -0.15	26.66 0.88 -1.47	26.74 0.92 0.00	24.57 0.80 0.00	24.28 0.79 0.00	28.16 0.81 -1.08	72.29 -0.11 -75.72	51.58 1.40 -9.89	31.02 0.48 -19.30	47.42 1.84 -0.73	26.54 1.07 -0.41	26.50 1.06 0.00	28.25 1.04 -4.60	32.14 0.80 -13.70	30.97 1.15 -6.51	35.95 0.88 -18.20	33.38 1.27 -6.48	35.55 0.50 -24.71	32.09 0.33 -24.36	35.38 1.12 -5.89	35.95 1.26 -1.57	27.53 1.07 0.42	24.12 0.91 0.00	21.77 0.68 0.00
CH_MIDHUDSON__DRP 24192	33.89 1.41 -0.12	27.15 1.12 -1.72	27.01 1.19 0.00	24.82 1.05 0.00	24.51 1.02 0.00	28.60 1.07 -1.26	85.05 -0.15 -88.51	53.65 1.80 -11.56	34.40 0.60 -22.56	48.01 2.31 -0.86	26.86 1.32 -0.48	26.76 1.31 0.00	29.24 1.26 -5.37	34.64 0.98 -16.03	32.31 1.38 -7.62	39.20 1.05 -21.29	34.74 1.53 -7.57	39.84 0.62 -28.88	36.29 0.41 -28.47	36.71 1.46 -6.88	36.62 1.67 -1.84	28.40 1.35 -0.16	24.35 1.15 0.00	21.97 0.88 0.00

CH_MISC_IPPS 23765	34.08 1.59 -0.14	27.22 1.24 -1.67	27.13 1.31 0.00	24.92 1.15 0.00	24.61 1.13 0.00	28.69 1.19 -1.22	82.47 -0.16 -85.95	53.54 2.03 -11.23	33.81 0.66 -21.91	48.22 2.55 -0.83	26.98 1.46 -0.46	26.89 1.45 0.00	29.22 1.39 -5.21	34.27 1.08 -15.56	32.23 1.53 -7.39	38.69 1.16 -20.67	34.70 1.71 -7.35	39.08 0.69 -28.05	35.52 0.46 -27.65	36.70 1.65 -6.68	36.77 1.87 -1.79	28.50 1.53 -0.09	24.50 1.29 0.00	22.08 0.99 0.00
CH_RES_BVR_FALLS 23983	32.16 -0.20 0.00	24.14 -0.18 0.00	25.67 -0.16 0.00	23.66 -0.11 0.00	23.36 -0.12 0.00	26.11 -0.17 0.00	-3.29 0.03 0.00	39.90 -0.39 0.00	11.10 -0.14 0.00	44.39 -0.46 0.00	24.81 -0.24 0.00	25.22 -0.23 0.00	22.40 -0.21 0.00	17.47 -0.16 0.00	23.10 -0.21 0.00	16.70 -0.17 0.00	25.45 -0.19 0.00	10.23 -0.11 0.00	7.33 -0.08 0.00	28.10 -0.27 0.00	32.81 -0.30 0.00	26.63 -0.25 0.00	22.97 -0.24 0.00	20.92 -0.17 0.00
CH_RES_NIAGARA 23895	30.93 -1.43 0.00	23.29 -1.16 -0.14	24.51 -1.31 0.00	22.62 -1.15 0.00	22.33 -1.16 0.00	25.19 -1.18 -0.10	3.77 0.08 -7.01	40.11 -1.09 -0.91	12.66 -0.34 -1.77	42.94 -1.98 -0.07	24.02 -1.08 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.23 -0.72 -1.32	22.82 -1.13 -0.64	17.75 -0.83 -1.71	24.63 -1.61 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.58 -0.55	31.65 -1.61 -0.14	25.80 -1.08 0.00	22.64 -0.56 0.00	20.92 -0.17 0.00
CH_RES_SYRACUSE 23985	32.31 -0.05 0.00	24.37 -0.04 -0.10	25.74 -0.08 0.00	23.67 -0.10 0.00	23.41 -0.08 0.00	26.30 -0.05 -0.07	1.75 -0.01 -5.08	41.10 0.15 -0.66	12.52 0.00 -1.29	44.75 -0.14 -0.05	24.98 -0.11 -0.03	25.33 -0.11 0.00	22.79 -0.15 -0.32	18.46 -0.13 -0.97	23.57 -0.21 -0.47	17.98 -0.13 -1.25	25.95 -0.12 -0.43	12.05 0.05 -1.66	9.08 0.05 -1.63	28.95 0.18 -0.39	33.43 0.21 -0.10	27.05 0.17 0.00	23.36 0.15 0.00	21.23 0.14 0.00
CLINTON_WT_PWR 323605	32.40 0.04 0.00	24.17 -0.14 0.00	25.80 -0.02 0.00	23.87 0.10 0.00	23.51 0.02 0.00	26.02 -0.26 0.00	-3.37 -0.05 0.00	39.47 -0.82 0.00	-191.40 -0.19 202.46	34.77 -0.64 9.44	20.51 -0.78 3.76	24.84 -0.61 0.00	22.20 -0.42 0.00	17.34 -0.29 0.00	23.07 -0.24 0.00	16.61 -0.26 0.00	25.32 -0.32 0.00	10.10 -0.24 0.00	7.34 -0.07 0.00	28.27 -0.10 0.00	33.12 0.01 0.00	26.91 0.03 0.00	23.19 -0.01 0.00	21.24 0.15 0.00
CLINTON__LFGE 323618	32.77 0.41 0.00	24.45 0.14 0.00	26.07 0.25 0.00	24.09 0.32 0.00	23.72 0.24 0.00	26.27 -0.01 0.00	-3.41 -0.09 0.00	39.88 -0.41 0.00	-191.30 -0.09 202.46	35.28 -0.12 9.44	20.78 -0.52 3.76	25.05 -0.39 0.00	22.39 -0.23 0.00	17.52 -0.11 0.00	23.30 -0.01 0.00	16.78 -0.08 0.00	25.58 -0.06 0.00	10.21 -0.12 0.00	7.44 0.03 0.00	28.66 0.29 0.00	33.58 0.46 0.00	27.25 0.37 0.00	23.46 0.25 0.00	21.49 0.41 0.00
COBBLENY_34_KV_TB1 80064	31.70 -0.66 0.00	23.84 -0.62 -0.15	25.09 -0.73 0.00	23.13 -0.64 0.00	22.83 -0.65 0.00	25.83 -0.56 -0.11	4.41 0.02 -7.71	41.25 -0.04 -1.00	13.15 -0.03 -1.94	44.39 -0.53 -0.08	24.72 -0.38 -0.04	25.11 -0.33 0.00	22.65 -0.45 -0.48	18.83 -0.24 -1.45	23.57 -0.45 -0.71	18.41 -0.33 -1.88	25.47 -0.82 -0.66	12.67 -0.19 -2.51	9.71 -0.18 -2.48	28.26 -0.71 -0.60	32.67 -0.60 -0.16	26.61 -0.28 0.00	23.23 0.03 0.00	21.27 0.19 0.00
COFFEEN__115KV_TB3 355620	33.10 0.75 0.00	24.93 0.56 -0.06	26.33 0.51 0.00	24.20 0.43 0.00	24.08 0.59 0.00	27.20 0.89 -0.04	-0.58 -0.13 -2.87	42.42 1.76 -0.37	12.27 0.30 -0.73	45.56 0.69 -0.03	25.66 0.59 -0.02	25.89 0.45 0.00	22.93 0.13 -0.18	18.10 -0.07 -0.55	23.32 -0.25 -0.26	17.45 -0.12 -0.70	26.01 0.13 -0.24	11.36 0.08 -0.94	8.57 0.24 -0.92	29.92 1.33 -0.22	34.80 1.62 -0.06	28.04 1.16 0.00	24.12 0.91 0.00	21.85 0.76 0.00
COLDSPRG_115KV_BK1 355956	32.66 0.30 0.00	24.55 0.08 -0.16	25.84 0.02 0.00	23.77 0.00 0.00	23.53 0.04 0.00	26.67 0.28 -0.11	4.70 -0.06 -8.08	42.77 1.43 -1.05	13.68 0.40 -2.04	46.37 1.44 -0.08	25.62 0.51 -0.05	25.94 0.50 0.00	23.47 0.34 -0.51	19.51 0.37 -1.52	24.42 0.37 -0.74	19.11 0.27 -1.97	26.39 0.06 -0.69	13.09 0.11 -2.64	10.03 0.02 -2.60	29.14 0.14 -0.63	33.66 0.38 -0.17	27.39 0.51 0.00	23.87 0.66 0.00	21.82 0.73 0.00
COLONIE_LFGE__ 323577	33.15 1.12 0.32	27.38 0.92 -2.15	26.81 0.99 0.00	24.67 0.90 0.00	24.37 0.88 0.00	28.88 1.04 -1.57	107.24 -0.15 -110.71	56.42 1.67 -14.46	39.94 0.48 -28.22	47.65 1.73 -1.07	26.56 0.90 -0.60	26.30 0.86 0.00	30.08 0.81 -6.65	38.36 0.64 -20.09	33.66 0.80 -9.55	44.06 0.55 -26.64	35.99 0.88 -9.47	46.87 0.40 -36.12	43.32 0.30 -35.61	38.15 1.17 -8.61	36.70 1.28 -2.30	28.01 0.94 -0.18	24.01 0.80 0.00	21.73 0.64 0.00
COOPERNY_115KV_TB1 80082	33.19 0.73 -0.10	25.86 0.58 -0.97	26.42 0.60 0.00	24.29 0.52 0.00	24.00 0.52 0.00	27.51 0.53 -0.71	46.79 -0.08 -50.19	47.80 0.96 -6.56	24.37 0.34 -12.80	46.66 1.34 -0.47	26.12 0.80 -0.26	26.22 0.78 0.00	26.32 0.77 -2.94	26.98 0.60 -8.75	28.30 0.86 -4.13	29.39 0.63 -11.89	30.80 0.87 -4.29	27.07 0.35 -16.38	23.78 0.23 -16.15	33.04 0.77 -3.90	35.02 0.86 -1.04	27.44 0.73 0.17	23.84 0.63 0.00	21.55 0.46 0.00
COPENHAGEN_WT_PWR 323753	32.75 0.39 0.00	24.69 0.32 -0.06	26.07 0.25 0.00	23.95 0.18 0.00	23.85 0.36 0.00	26.94 0.62 -0.04	-0.46 -0.10 -2.97	42.00 1.33 -0.39	12.20 0.21 -0.75	45.16 0.28 -0.03	25.43 0.35 -0.02	25.66 0.22 0.00	22.70 -0.11 -0.19	17.92 -0.27 -0.56	23.12 -0.47 -0.27	17.33 -0.26 -0.73	25.76 -0.13 -0.25	11.33 0.02 -0.97	8.53 0.17 -0.95	29.60 0.99 -0.23	34.40 1.22 -0.06	27.75 0.87 0.00	23.88 0.67 0.00	21.66 0.57 0.00
CORNELL____ 23752	32.79 0.43 0.00	24.79 0.28 -0.19	26.07 0.25 0.00	23.98 0.20 0.00	23.71 0.23 0.00	26.78 0.37 -0.14	6.68 -0.05 -10.06	42.61 0.99 -1.33	14.08 0.25 -2.59	45.74 0.79 -0.11	25.43 0.31 -0.06	25.79 0.35 0.00	23.54 0.23 -0.69	19.87 0.19 -2.06	24.43 0.16 -0.96	19.55 0.14 -2.55	26.68 0.18 -0.86	13.79 0.17 -3.28	10.80 0.15 -3.24	29.79 0.64 -0.78	34.06 0.74 -0.21	27.49 0.61 0.00	23.72 0.51 0.00	21.51 0.43 0.00
CORONAAV_69_KV_TB1 355595	35.32 2.33 -0.64	27.77 1.79 -1.67	28.89 1.89 -1.18	26.95 1.68 -1.50	25.09 1.61 0.00	29.15 1.65 -1.22	82.43 -0.21 -85.96	53.84 2.32 -11.23	34.01 0.86 -21.91	48.86 3.18 -0.83	34.56 2.00 -7.50	28.55 2.02 -1.09	35.57 1.88 -11.07	56.82 1.45 -37.74	39.05 1.99 -13.75	72.57 1.49 -54.22	90.26 2.18 -62.45	72.63 0.86 -61.43	46.52 0.57 -38.54	38.88 2.03 -8.49	54.06 2.35 -18.59	45.93 2.02 -17.03	30.13 1.78 -5.15	22.53 1.44 0.00
CORTLAND_115KV_TB3 80093	32.55 0.19 0.00	24.59 0.11 -0.16	25.92 0.09 0.00	23.83 0.06 0.00	23.57 0.08 0.00	26.57 0.18 -0.12	4.87 -0.03 -8.23	41.96 0.59 -1.08	13.50 0.16 -2.10	45.42 0.49 -0.09	25.27 0.17 -0.05	25.63 0.18 0.00	23.27 0.12 -0.53	19.33 0.10 -1.60	24.15 0.07 -0.76	18.98 0.07 -2.04	26.42 0.08 -0.70	13.13 0.10 -2.69	10.14 0.09 -2.65	29.39 0.37 -0.64	33.72 0.44 -0.17	27.25 0.37 0.00	23.51 0.31 0.00	21.35 0.27 0.00

COXSACKIE___GT 23611	34.26 2.02 0.12	27.83 1.51 -2.00	27.39 1.56 0.00	25.20 1.43 0.00	24.91 1.42 0.00	29.47 1.72 -1.47	99.74 -0.23 -103.30	56.82 3.04 -13.49	38.32 0.75 -26.33	48.08 2.24 -1.00	26.63 1.02 -0.56	26.45 1.01 0.00	29.85 1.01 -6.22	37.12 0.77 -18.72	33.19 0.99 -8.89	42.42 0.71 -24.84	35.63 1.15 -8.84	44.62 0.58 -33.71	41.05 0.41 -33.23	37.79 1.39 -8.03	37.61 2.35 -2.15	28.89 1.86 -0.15	24.72 1.52 0.00	22.30 1.21 0.00
CPV_VALLEY___CC1 323721	33.33 0.84 -0.13	26.27 0.67 -1.29	26.54 0.72 0.00	24.40 0.63 0.00	24.11 0.63 0.00	27.84 0.62 -0.95	63.26 -0.09 -66.67	50.08 1.08 -8.71	28.63 0.39 -17.00	46.97 1.49 -0.64	26.29 0.88 -0.36	26.30 0.86 0.00	27.52 0.86 -4.04	30.35 0.67 -12.06	29.99 0.96 -5.73	33.62 0.73 -16.02	32.38 1.04 -5.70	32.51 0.41 -21.75	29.12 0.27 -21.45	34.44 0.88 -5.18	35.48 0.98 -1.39	27.47 0.84 0.25	23.94 0.74 0.00	21.61 0.52 0.00
CPV_VALLEY___CC2 323722	33.33 0.84 -0.13	26.27 0.67 -1.29	26.54 0.72 0.00	24.40 0.63 0.00	24.11 0.63 0.00	27.84 0.62 -0.95	63.26 -0.09 -66.67	50.08 1.08 -8.71	28.63 0.39 -17.00	46.97 1.49 -0.64	26.29 0.88 -0.36	26.30 0.86 0.00	27.52 0.86 -4.04	30.35 0.67 -12.06	29.99 0.96 -5.73	33.62 0.73 -16.02	32.38 1.04 -5.70	32.51 0.41 -21.75	29.12 0.27 -21.45	34.44 0.88 -5.18	35.48 0.98 -1.39	27.47 0.84 0.25	23.94 0.74 0.00	21.61 0.52 0.00
CRESCENT___HYD 24018	33.15 1.12 0.32	27.38 0.92 -2.15	26.81 0.99 0.00	24.67 0.90 0.00	24.37 0.88 0.00	28.88 1.04 -1.57	107.24 -0.15 -110.71	56.42 1.67 -14.46	39.94 0.48 -28.22	47.65 1.73 -1.07	26.56 0.90 -0.60	26.30 0.86 0.00	30.08 0.81 -6.65	38.36 0.64 -20.09	33.66 0.80 -9.55	44.06 0.55 -26.64	35.99 0.88 -9.47	46.87 0.40 -36.12	43.32 0.30 -35.61	38.15 1.17 -8.61	36.70 1.28 -2.30	28.01 0.94 -0.18	24.01 0.80 0.00	21.73 0.64 0.00
CRICKET___VALLEY_CC1 323756	30.22 0.90 3.04	26.91 0.80 -1.80	26.70 0.88 0.00	24.56 0.79 0.00	24.24 0.76 0.00	28.36 0.76 -1.32	89.48 -0.10 -92.91	53.77 1.34 -12.14	35.40 0.47 -23.68	47.46 1.71 -0.90	26.51 0.95 -0.50	26.37 0.93 0.00	28.64 0.90 -5.12	35.17 0.71 -16.84	32.31 1.00 -8.00	39.98 0.77 -22.35	34.72 1.13 -7.95	41.13 0.48 -30.31	37.61 0.32 -29.89	36.71 1.12 -7.22	36.29 1.24 -1.93	28.15 0.98 -0.29	24.05 0.84 0.00	21.71 0.63 0.00
CRICKET___VALLEY_CC2 323757	30.22 0.90 3.04	26.91 0.80 -1.80	26.70 0.88 0.00	24.56 0.79 0.00	24.24 0.76 0.00	28.36 0.76 -1.32	89.48 -0.10 -92.91	53.77 1.34 -12.14	35.40 0.47 -23.68	47.46 1.71 -0.90	26.51 0.95 -0.50	26.37 0.93 0.00	28.64 0.90 -5.12	35.17 0.71 -16.84	32.31 1.00 -8.00	39.98 0.77 -22.35	34.72 1.13 -7.95	41.13 0.48 -30.31	37.61 0.32 -29.89	36.71 1.12 -7.22	36.29 1.24 -1.93	28.15 0.98 -0.29	24.05 0.84 0.00	21.71 0.63 0.00
CRICKET___VALLEY_CC3 323758	30.22 0.90 3.04	26.91 0.80 -1.80	26.70 0.88 0.00	24.56 0.79 0.00	24.24 0.76 0.00	28.36 0.76 -1.32	89.48 -0.10 -92.91	53.77 1.34 -12.14	35.40 0.47 -23.68	47.46 1.71 -0.90	26.51 0.95 -0.50	26.37 0.93 0.00	28.64 0.90 -5.12	35.17 0.71 -16.84	32.31 1.00 -8.00	39.98 0.77 -22.35	34.72 1.13 -7.95	41.13 0.48 -30.31	37.61 0.32 -29.89	36.71 1.12 -7.22	36.29 1.24 -1.93	28.15 0.98 -0.29	24.05 0.84 0.00	21.71 0.63 0.00
CRUCIBLE_METL_DRP 24180	32.31 -0.05 0.00	24.37 -0.04 -0.10	25.74 -0.08 0.00	23.67 -0.09 0.00	23.40 -0.08 0.00	26.31 -0.04 -0.07	1.75 -0.01 -5.08	41.11 0.16 -0.66	12.52 0.00 -1.29	44.76 -0.13 -0.05	24.98 -0.11 -0.03	25.33 -0.11 0.00	22.79 -0.15 -0.32	18.46 -0.13 -0.97	23.57 -0.21 -0.47	17.98 -0.13 -1.25	25.95 -0.12 -0.43	12.05 0.05 -1.66	9.09 0.05 -1.63	28.95 0.18 -0.39	33.43 0.21 -0.10	27.06 0.17 0.00	23.37 0.17 0.00	21.22 0.14 0.00
DAHOWA___HYDRO 323763	33.82 1.74 0.28	27.84 1.36 -2.17	27.28 1.45 0.00	25.11 1.35 0.00	24.82 1.33 0.00	29.44 1.58 -1.59	108.15 -0.22 -111.70	57.55 2.68 -14.59	40.44 0.73 -28.47	48.55 2.63 -1.08	27.07 1.41 -0.61	26.80 1.36 0.00	30.56 1.23 -6.72	38.89 1.00 -20.27	34.18 1.24 -9.64	44.69 0.94 -26.88	36.71 1.51 -9.56	47.46 0.67 -36.45	43.84 0.51 -35.93	39.01 1.95 -8.69	37.62 2.18 -2.32	28.63 1.57 -0.18	24.51 1.30 0.00	22.17 1.08 0.00
DANC___LFGE 323619	32.59 0.23 0.00	24.55 0.17 -0.07	25.93 0.10 0.00	23.82 0.05 0.00	23.67 0.18 0.00	26.68 0.36 -0.05	0.10 -0.07 -3.49	41.67 0.93 -0.45	12.27 0.15 -0.89	45.07 0.19 -0.04	25.28 0.20 -0.02	25.56 0.11 0.00	22.74 -0.10 -0.22	18.09 -0.20 -0.66	23.28 -0.35 -0.32	17.51 -0.22 -0.86	25.75 -0.19 -0.30	11.48 0.00 -1.14	8.64 0.11 -1.12	29.28 0.64 -0.27	34.00 0.82 -0.07	27.47 0.59 0.00	23.69 0.48 0.00	21.49 0.41 0.00
DANSKAMMER___1 23586	34.08 1.59 -0.14	27.22 1.24 -1.67	27.13 1.31 0.00	24.92 1.15 0.00	24.61 1.13 0.00	28.69 1.19 -1.22	82.47 -0.16 -85.95	53.54 2.03 -11.23	33.81 0.66 -21.91	48.22 2.55 -0.83	26.98 1.46 -0.46	26.89 1.45 0.00	29.22 1.39 -5.21	34.27 1.08 -15.56	32.23 1.53 -7.39	38.69 1.16 -20.67	34.70 1.71 -7.35	39.08 0.69 -28.05	35.52 0.46 -27.65	36.70 1.65 -6.68	36.77 1.87 -1.79	28.50 1.53 -0.09	24.50 1.29 0.00	22.08 0.99 0.00
DANSKAMMER___2 23589	34.08 1.59 -0.14	27.22 1.24 -1.67	27.13 1.31 0.00	24.92 1.15 0.00	24.61 1.13 0.00	28.69 1.19 -1.22	82.47 -0.16 -85.95	53.54 2.03 -11.23	33.81 0.66 -21.91	48.22 2.55 -0.83	26.98 1.46 -0.46	26.89 1.45 0.00	29.22 1.39 -5.21	34.27 1.08 -15.56	32.23 1.53 -7.39	38.69 1.16 -20.67	34.70 1.71 -7.35	39.08 0.69 -28.05	35.52 0.46 -27.65	36.70 1.65 -6.68	36.77 1.87 -1.79	28.50 1.53 -0.09	24.50 1.29 0.00	22.08 0.99 0.00
DANSKAMMER___3 23590	34.08 1.59 -0.14	27.22 1.24 -1.67	27.13 1.31 0.00	24.92 1.15 0.00	24.61 1.13 0.00	28.69 1.19 -1.22	82.47 -0.16 -85.95	53.54 2.03 -11.23	33.81 0.66 -21.91	48.22 2.55 -0.83	26.98 1.46 -0.46	26.89 1.45 0.00	29.22 1.39 -5.21	34.27 1.08 -15.56	32.23 1.53 -7.39	38.69 1.16 -20.67	34.70 1.71 -7.35	39.08 0.69 -28.05	35.52 0.46 -27.65	36.70 1.65 -6.68	36.77 1.87 -1.79	28.50 1.53 -0.09	24.50 1.29 0.00	22.08 0.99 0.00
DANSKAMMER___4 23591	34.08 1.59 -0.14	27.22 1.24 -1.67	27.13 1.31 0.00	24.92 1.15 0.00	24.61 1.13 0.00	28.69 1.19 -1.22	82.47 -0.16 -85.95	53.54 2.03 -11.23	33.81 0.66 -21.91	48.22 2.55 -0.83	26.98 1.46 -0.46	26.89 1.45 0.00	29.22 1.39 -5.21	34.27 1.08 -15.56	32.23 1.53 -7.39	38.69 1.16 -20.67	34.70 1.71 -7.35	39.08 0.69 -28.05	35.52 0.46 -27.65	36.70 1.65 -6.68	36.77 1.87 -1.79	28.50 1.53 -0.09	24.50 1.29 0.00	22.08 0.99 0.00
DANSKAMMER___DIESEL 23592	34.08 1.59 -0.14	27.22 1.24 -1.67	27.13 1.30 0.00	24.92 1.15 0.00	24.61 1.12 0.00	28.68 1.19 -1.22	82.47 -0.16 -85.95	53.53 2.02 -11.23	33.81 0.66 -21.91	48.22 2.54 -0.83	26.98 1.46 -0.46	26.89 1.45 0.00	29.21 1.39 -5.21	34.27 1.08 -15.56	32.23 1.53 -7.39	38.70 1.16 -20.67	34.70 1.71 -7.35	39.08 0.69 -28.05	35.52 0.46 -27.65	36.70 1.64 -6.68	36.77 1.87 -1.79	28.49 1.52 -0.09	24.49 1.29 0.00	22.08 0.99 0.00

DARBY___SOLAR 323810	33.72 1.65 0.28	27.77 1.30 -2.16	27.21 1.38 0.00	25.05 1.28 0.00	24.75 1.27 0.00	29.35 1.50 -1.58	108.03 -0.21 -111.56	57.37 2.51 -14.57	40.36 0.69 -28.44	48.38 2.45 -1.08	26.97 1.31 -0.60	26.70 1.26 0.00	30.46 1.14 -6.71	38.81 0.93 -20.24	34.08 1.15 -9.62	44.58 0.87 -26.85	36.59 1.41 -9.54	47.37 0.63 -36.40	43.77 0.48 -35.89	38.88 1.83 -8.68	37.46 2.03 -2.32	28.53 1.47 -0.18	24.44 1.23 0.00	22.11 1.02 0.00
DASHVILLE___HYD 23610	33.74 1.33 -0.06	27.04 1.01 -1.72	26.94 1.11 0.00	24.74 0.97 0.00	24.44 0.96 0.00	28.50 0.97 -1.26	85.33 -0.10 -88.75	53.46 1.58 -11.59	34.39 0.53 -22.62	47.87 2.16 -0.86	26.80 1.27 -0.48	26.69 1.25 0.00	29.13 1.16 -5.35	34.53 0.89 -16.02	32.24 1.33 -7.61	39.15 0.97 -21.31	34.66 1.43 -7.59	39.85 0.55 -28.96	36.32 0.37 -28.55	36.60 1.33 -6.90	36.49 1.54 -1.84	28.22 1.26 -0.07	24.27 1.06 0.00	21.91 0.82 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.22 4.22 -0.64	29.13 3.15 -1.67	30.18 3.18 -1.18	28.17 2.90 -1.50	26.19 2.70 0.00	30.34 2.84 -1.22	82.23 -0.41 -85.96	55.99 4.48 -11.23	34.71 1.56 -21.91	51.53 5.85 -0.83	35.74 3.19 -7.50	29.70 3.17 -1.09	36.61 2.92 -11.07	57.70 2.32 -37.74	40.49 3.43 -13.75	73.58 2.50 -54.22	91.79 3.71 -62.45	73.27 1.50 -61.43	46.98 1.03 -38.54	40.66 3.80 -8.49	56.25 4.55 -18.59	47.67 3.76 -17.03	31.61 3.26 -5.15	23.66 2.57 0.00
DELAWARE___LFGE 323621	32.96 0.56 -0.04	25.12 0.41 -0.40	26.24 0.42 0.00	24.13 0.37 0.00	23.86 0.38 0.00	27.02 0.45 -0.29	17.35 -0.05 -20.73	44.04 0.99 -2.76	16.95 0.31 -5.40	46.19 1.11 -0.23	25.72 0.54 -0.13	25.98 0.54 0.00	24.55 0.51 -1.44	22.29 0.39 -4.28	25.78 0.51 -1.95	22.55 0.42 -5.27	28.01 0.60 -1.77	17.36 0.26 -6.76	14.25 0.18 -6.67	30.63 0.65 -1.61	34.29 0.75 -0.43	27.42 0.61 0.08	23.72 0.52 0.00	21.49 0.41 0.00
DERFIELD_115KV_TB7 355931	32.45 0.09 0.00	24.39 0.08 0.00	25.92 0.09 0.00	23.83 0.06 0.00	23.56 0.07 0.00	26.37 0.09 0.00	-3.33 -0.01 0.00	40.45 0.16 0.00	11.30 0.06 0.00	45.03 0.18 0.00	25.14 0.08 0.00	25.52 0.08 0.00	22.68 0.07 0.00	17.67 0.04 0.00	23.37 0.06 0.00	16.90 0.04 0.00	25.71 0.07 0.00	10.38 0.04 0.00	7.44 0.03 0.00	28.48 0.11 0.00	33.25 0.13 0.00	27.00 0.11 0.00	23.30 0.09 0.00	21.15 0.06 0.00
DOGLEVILLE___HYD 23807	32.27 -0.09 0.00	24.41 0.09 0.00	26.00 0.18 0.00	23.80 0.03 0.00	23.59 0.10 0.00	26.47 0.20 0.00	-3.35 -0.03 0.00	40.32 0.03 0.00	11.22 -0.02 0.00	44.58 -0.26 0.00	24.78 -0.28 0.00	25.24 -0.20 0.00	22.39 -0.22 0.00	17.45 -0.18 0.00	23.01 -0.30 0.00	16.55 -0.32 0.00	25.12 -0.52 0.00	10.28 -0.06 0.00	7.35 -0.06 0.00	28.39 0.02 0.00	33.13 0.01 0.00	26.78 -0.11 0.00	23.06 -0.15 0.00	20.88 -0.20 0.00
DUNKIRK___115KV_TB_200 55889	32.07 -0.29 0.00	24.11 -0.35 -0.15	25.37 -0.46 0.00	23.35 -0.42 0.00	23.06 -0.42 0.00	26.12 -0.26 -0.11	4.44 0.00 -7.76	41.78 0.48 -1.01	13.31 0.11 -1.96	45.04 0.12 -0.08	25.01 -0.09 -0.04	25.39 -0.05 0.00	22.95 -0.15 -0.49	19.09 0.01 -1.46	23.91 -0.11 -0.71	18.69 -0.07 -1.90	25.84 -0.46 -0.66	12.82 -0.05 -2.53	9.82 -0.08 -2.50	28.61 -0.36 -0.60	33.01 -0.27 -0.16	26.90 0.01 0.00	23.44 0.24 0.00	21.47 0.38 0.00
DUNKIRK___1 23563	32.07 -0.29 0.00	24.11 -0.35 -0.15	25.37 -0.46 0.00	23.35 -0.42 0.00	23.06 -0.42 0.00	26.12 -0.26 -0.11	4.44 0.00 -7.76	41.78 0.48 -1.01	13.31 0.11 -1.96	45.04 0.12 -0.08	25.01 -0.09 -0.04	25.39 -0.05 0.00	22.95 -0.15 -0.49	19.09 0.01 -1.46	23.91 -0.11 -0.71	18.69 -0.07 -1.90	25.84 -0.46 -0.66	12.82 -0.05 -2.53	9.82 -0.08 -2.50	28.61 -0.36 -0.60	33.01 -0.27 -0.16	26.90 0.01 0.00	23.44 0.24 0.00	21.47 0.38 0.00
DUNKIRK___2 23564	32.07 -0.29 0.00	24.11 -0.35 -0.15	25.37 -0.46 0.00	23.35 -0.42 0.00	23.06 -0.42 0.00	26.12 -0.26 -0.11	4.44 0.00 -7.76	41.78 0.48 -1.01	13.31 0.11 -1.96	45.04 0.12 -0.08	25.01 -0.09 -0.04	25.39 -0.05 0.00	22.95 -0.15 -0.49	19.09 0.01 -1.46	23.91 -0.11 -0.71	18.69 -0.07 -1.90	25.84 -0.46 -0.66	12.82 -0.05 -2.53	9.82 -0.08 -2.50	28.61 -0.36 -0.60	33.01 -0.27 -0.16	26.90 0.01 0.00	23.44 0.24 0.00	21.47 0.38 0.00
DUNKIRK___3 23565	31.94 -0.42 0.00	24.02 -0.45 -0.15	25.27 -0.56 0.00	23.25 -0.52 0.00	22.98 -0.51 0.00	26.04 -0.35 -0.11	4.45 0.01 -7.76	41.61 0.31 -1.01	13.27 0.07 -1.96	44.93 0.00 -0.08	24.92 -0.18 -0.04	25.28 -0.16 0.00	22.85 -0.25 -0.49	19.01 -0.07 -0.71	23.81 -0.21 -0.71	18.61 -0.14 -1.90	25.73 -0.57 -0.66	12.76 -0.11 -2.53	9.77 -0.13 -2.50	28.45 -0.52 -0.60	32.81 -0.47 -0.16	26.74 -0.14 0.00	23.32 0.11 0.00	21.35 0.26 0.00
DUNKIRK___4 23566	31.98 -0.37 0.00	24.04 -0.41 -0.15	25.31 -0.52 0.00	23.30 -0.47 0.00	23.01 -0.47 0.00	26.06 -0.33 -0.11	4.30 0.00 -7.62	41.64 0.36 -0.99	13.24 0.08 -1.92	44.90 -0.03 -0.08	24.94 -0.15 -0.04	25.31 -0.13 0.00	22.86 -0.23 -0.48	18.99 -0.06 -1.43	23.80 -0.21 -0.70	18.58 -0.15 -1.86	25.72 -0.57 -0.65	12.73 -0.10 -2.49	9.74 -0.12 -2.45	28.50 -0.47 -0.59	32.90 -0.37 -0.16	26.80 -0.08 0.00	23.38 0.18 0.00	21.42 0.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.14 1.59 -0.19	27.22 1.24 -1.67	27.13 1.31 0.00	24.93 1.16 0.00	24.61 1.12 0.00	28.64 1.14 -1.22	82.45 -0.15 -85.92	53.35 1.83 -11.22	33.79 0.65 -21.90	48.26 2.58 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.31 1.48 -5.22	34.33 1.14 -15.56	32.31 1.60 -7.40	38.73 1.20 -20.66	34.69 1.71 -7.35	39.04 0.66 -28.04	35.47 0.42 -27.64	36.52 1.46 -6.68	36.60 1.70 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.05 0.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.81 1.31 -0.14	26.92 1.03 -1.58	26.90 1.08 0.00	24.72 0.95 0.00	24.42 0.93 0.00	28.40 0.97 -1.16	78.19 -0.13 -81.65	52.62 1.66 -10.66	32.61 0.56 -20.81	47.76 2.13 -0.79	26.73 1.23 -0.44	26.66 1.22 0.00	28.75 1.18 -4.95	33.32 0.92 -14.77	31.64 1.31 -7.02	37.49 1.00 -19.63	34.07 1.45 -6.98	37.56 0.58 -26.64	34.06 0.39 -26.26	36.06 1.35 -6.35	36.34 1.53 -1.70	28.07 1.27 0.08	24.28 1.08 0.00	21.90 0.81 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.18 1.64 -0.19	27.26 1.28 -1.67	27.20 1.38 0.00	25.00 1.23 0.00	24.66 1.18 0.00	28.65 1.15 -1.22	82.44 -0.16 -85.92	53.40 1.89 -11.22	33.81 0.68 -21.90	48.18 2.51 -0.83	27.05 1.53 -0.46	26.97 1.53 0.00	29.35 1.51 -5.22	34.33 1.14 -15.56	32.35 1.65 -7.40	38.75 1.22 -20.66	34.66 1.67 -7.35	39.01 0.64 -28.03	35.45 0.40 -27.64	36.43 1.37 -6.68	36.57 1.67 -1.79	28.95 1.49 -0.57	24.48 1.27 0.00	22.02 0.93 0.00
E179THST_13_KV_LOAD 356214	34.36 1.81 -0.19	27.39 1.41 -1.67	27.34 1.51 0.00	25.11 1.34 0.00	24.77 1.29 0.00	28.78 1.29 -1.22	82.42 -0.17 -85.92	53.61 2.10 -11.22	33.88 0.73 -21.90	48.42 2.74 -0.83	27.19 1.67 -0.46	27.12 1.67 0.00	29.47 1.64 -5.22	34.44 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.80 1.82 -7.35	39.08 0.70 -28.03	35.49 0.45 -27.64	36.59 1.53 -6.68	36.75 1.85 -1.79	29.09 1.64 -0.57	24.60 1.39 0.00	22.13 1.04 0.00

EAST HAMPTON___GT 23717	37.77 4.78 -0.64	29.49 3.51 -1.67	30.53 3.53 -1.18	28.53 3.26 -1.50	26.54 3.06 0.00	30.85 3.35 -1.22	82.17 -0.47 -85.96	56.71 5.20 -11.23	34.92 1.77 -21.91	52.34 6.66 -0.83	35.94 3.38 -7.50	29.88 3.35 -1.09	36.78 3.09 -11.07	57.90 2.53 -37.74	40.96 3.90 -13.75	73.92 2.84 -54.22	92.30 4.22 -62.45	73.48 1.71 -61.43	47.13 1.18 -38.54	41.21 4.35 -8.49	56.88 5.17 -18.59	48.18 4.27 -17.03	32.10 3.75 -5.15	23.98 2.89 0.00
EAST RIVER___6 23660	34.27 1.73 -0.19	27.30 1.32 -1.67	27.22 1.39 0.00	25.02 1.25 0.00	24.69 1.21 0.00	28.68 1.19 -1.22	82.44 -0.16 -85.92	53.36 1.84 -11.22	33.81 0.67 -21.90	48.36 2.68 -0.83	27.17 1.65 -0.46	27.10 1.65 0.00	29.44 1.60 -5.22	34.42 1.23 -15.56	32.43 1.73 -7.40	38.82 1.29 -20.66	34.80 1.81 -7.35	39.06 0.69 -28.03	35.47 0.43 -27.64	36.51 1.46 -6.68	36.62 1.72 -1.78	28.99 1.54 -0.57	24.51 1.30 0.00	22.07 0.98 0.00
EAST RIVER___7 23524	34.27 1.73 -0.19	27.30 1.32 -1.67	27.22 1.39 0.00	25.02 1.25 0.00	24.69 1.21 0.00	28.68 1.19 -1.22	82.44 -0.16 -85.92	53.36 1.84 -11.22	33.81 0.67 -21.90	48.36 2.68 -0.83	27.17 1.65 -0.46	27.10 1.65 0.00	29.44 1.60 -5.22	34.42 1.23 -15.56	32.43 1.73 -7.40	38.82 1.29 -20.66	34.80 1.81 -7.35	39.06 0.69 -28.03	35.47 0.43 -27.64	36.51 1.46 -6.68	36.62 1.72 -1.78	28.99 1.54 -0.57	24.51 1.30 0.00	22.07 0.98 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.05 1.51 -0.19	27.16 1.19 -1.66	27.07 1.25 0.00	24.87 1.10 0.00	24.56 1.07 0.00	28.59 1.10 -1.22	82.14 -0.15 -85.60	53.25 1.78 -11.18	33.69 0.63 -21.82	48.12 2.45 -0.83	26.99 1.47 -0.46	26.89 1.46 0.00	29.23 1.41 -5.20	34.22 1.09 -15.51	32.21 1.53 -7.37	38.61 1.15 -20.59	34.60 1.64 -7.32	38.91 0.64 -27.93	35.35 0.41 -27.54	36.45 1.42 -6.66	36.52 1.63 -1.78	28.88 1.40 -0.60	24.40 1.19 0.00	21.99 0.91 0.00
EAST_HAMPTON___DIESEL 23722	37.78 4.78 -0.64	29.50 3.52 -1.67	30.53 3.53 -1.18	28.53 3.26 -1.50	26.54 3.06 0.00	30.85 3.35 -1.22	82.17 -0.47 -85.96	56.72 5.20 -11.23	34.92 1.77 -21.91	52.36 6.68 -0.83	35.96 3.40 -7.50	29.90 3.37 -1.09	36.80 3.11 -11.07	57.91 2.54 -37.74	40.96 3.90 -13.75	73.93 2.85 -54.22	92.31 4.23 -62.45	73.49 1.71 -61.43	47.13 1.19 -38.54	41.22 4.36 -8.49	56.89 5.18 -18.59	48.19 4.29 -17.03	32.11 3.76 -5.15	23.98 2.89 0.00
EAST_PULASKI___ESR 323781	32.57 0.21 0.00	24.53 0.14 -0.08	25.92 0.09 0.00	23.83 0.06 0.00	23.61 0.13 0.00	26.59 0.26 -0.06	0.64 -0.05 -4.02	41.59 0.77 -0.52	12.41 0.15 -1.02	45.17 0.28 -0.04	25.25 0.17 -0.02	25.57 0.12 0.00	22.88 0.01 -0.25	18.33 -0.06 -0.76	23.54 -0.14 -0.37	17.76 -0.09 -0.98	25.87 -0.11 -0.34	11.71 0.06 -1.31	8.79 0.09 -1.29	29.18 0.49 -0.31	33.84 0.64 -0.08	27.37 0.49 0.00	23.64 0.44 0.00	21.45 0.36 0.00
EAST_RIVER___1 323558	34.21 1.67 -0.19	27.27 1.30 -1.67	27.20 1.38 0.00	24.99 1.22 0.00	24.67 1.18 0.00	28.67 1.17 -1.22	82.44 -0.16 -85.92	53.35 1.84 -11.22	33.80 0.66 -21.90	48.30 2.62 -0.83	27.12 1.60 -0.46	27.05 1.60 0.00	29.39 1.55 -5.22	34.37 1.18 -15.56	32.38 1.67 -7.40	38.78 1.25 -20.66	34.74 1.74 -7.35	39.04 0.66 -28.03	35.46 0.41 -27.64	36.48 1.43 -6.68	36.57 1.67 -1.78	28.96 1.51 -0.57	24.49 1.28 0.00	22.06 0.97 0.00
EAST_RIVER___2 323559	34.27 1.73 -0.19	27.30 1.32 -1.67	27.22 1.39 0.00	25.02 1.25 0.00	24.69 1.21 0.00	28.68 1.19 -1.22	82.44 -0.16 -85.92	53.36 1.84 -11.22	33.81 0.67 -21.90	48.36 2.68 -0.83	27.17 1.65 -0.46	27.10 1.65 0.00	29.44 1.60 -5.22	34.42 1.23 -15.56	32.43 1.73 -7.40	38.82 1.29 -20.66	34.80 1.81 -7.35	39.06 0.69 -28.03	35.47 0.43 -27.64	36.51 1.46 -6.68	36.62 1.72 -1.78	28.99 1.54 -0.57	24.51 1.30 0.00	22.07 0.98 0.00
EAST___DELAWARE_HYD 23607	33.42 0.97 -0.09	26.39 0.70 -1.38	26.50 0.67 0.00	24.35 0.58 0.00	24.06 0.58 0.00	27.87 0.59 -1.01	67.47 -0.09 -70.88	50.72 1.18 -9.26	29.72 0.41 -18.07	47.03 1.52 -0.67	26.32 0.88 -0.37	26.29 0.85 0.00	27.63 0.82 -4.19	30.83 0.68 -12.52	30.22 0.98 -5.93	34.48 0.74 -16.87	32.76 1.05 -6.06	33.92 0.45 -23.13	30.51 0.31 -22.80	34.96 1.08 -5.51	35.76 1.18 -1.47	27.84 0.96 0.00	24.01 0.80 0.00	21.62 0.54 0.00
EIGHT_POINT___WT_PWR 323820	32.37 0.01 0.00	24.40 -0.09 -0.18	25.58 -0.25 0.00	23.50 -0.27 0.00	23.22 -0.27 0.00	26.16 -0.24 -0.13	5.91 0.02 -9.21	41.71 0.22 -1.20	13.68 0.11 -2.33	45.01 0.07 -0.09	24.95 -0.16 -0.05	25.26 -0.19 0.00	22.92 -0.27 -0.58	19.19 -0.18 -1.74	23.81 -0.34 -0.85	18.96 -0.16 -2.26	25.98 -0.44 -0.79	13.26 -0.09 -3.01	10.32 -0.05 -2.96	29.04 -0.05 -0.72	33.16 -0.14 -0.19	26.95 0.07 0.00	23.48 0.28 0.00	21.48 0.39 0.00
ELBRIDGE_115KV_TB2 80188	32.12 -0.24 0.00	24.21 -0.21 -0.10	25.53 -0.29 0.00	23.48 -0.29 0.00	23.23 -0.26 0.00	26.14 -0.21 -0.08	2.08 0.01 -5.39	40.96 -0.03 -0.70	12.58 -0.02 -1.37	44.68 -0.22 -0.05	24.94 -0.15 -0.03	25.29 -0.15 0.00	22.76 -0.20 -0.34	18.50 -0.15 -1.03	23.57 -0.24 -0.49	18.03 -0.16 -1.33	25.84 -0.26 -0.46	12.08 -0.02 -1.76	9.13 -0.01 -1.73	28.77 -0.01 -0.42	33.16 -0.07 -0.11	26.86 -0.02 0.00	23.21 0.00 0.00	21.04 -0.05 0.00
ELEC_TRO_TEK 24086	35.17 2.18 -0.64	27.65 1.66 -1.67	28.73 1.73 -1.18	26.82 1.55 -1.50	24.95 1.47 0.00	29.00 1.50 -1.22	82.44 -0.20 -85.96	53.69 2.18 -11.23	33.97 0.81 -21.91	48.70 3.02 -0.83	34.45 1.90 -7.50	28.42 1.89 -1.09	35.45 1.76 -11.07	56.73 1.36 -37.74	38.94 1.88 -13.75	72.48 1.41 -54.22	90.13 2.05 -62.45	72.57 0.80 -61.43	46.47 0.53 -38.54	38.75 1.89 -8.49	53.92 2.22 -18.59	45.80 1.89 -17.03	30.02 1.67 -5.15	22.41 1.32 0.00
ELLENBURG_WT_PWR 323604	32.40 0.04 0.00	24.17 -0.14 0.00	25.80 -0.02 0.00	23.87 0.10 0.00	23.51 0.02 0.00	26.02 -0.26 0.00	-3.37 -0.05 0.00	39.47 -0.82 0.00	-191.40 -0.19 202.46	34.77 -0.64 9.44	20.51 -0.78 3.76	24.84 -0.61 0.00	22.20 -0.42 0.00	17.34 -0.29 0.00	23.07 -0.24 0.00	16.61 -0.26 0.00	25.32 -0.32 0.00	10.10 -0.24 0.00	7.34 -0.07 0.00	28.27 -0.10 0.00	33.12 0.01 0.00	26.91 0.03 0.00	23.19 -0.01 0.00	21.24 0.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.61 -0.75 0.00	23.78 -0.67 -0.14	25.03 -0.79 0.00	23.08 -0.69 0.00	22.79 -0.69 0.00	25.76 -0.62 -0.10	4.07 0.03 -7.37	41.08 -0.17 -0.96	13.02 -0.08 -1.86	44.17 -0.75 -0.07	24.62 -0.48 -0.04	24.99 -0.45 0.00	22.53 -0.55 -0.46	18.70 -0.32 -1.38	23.43 -0.56 -0.67	18.26 -0.41 -1.80	25.30 -0.97 -0.63	12.50 -0.24 -2.40	9.56 -0.22 -2.37	28.08 -0.87 -0.57	32.46 -0.81 -0.15	26.44 -0.44 0.00	23.14 -0.06 0.00	21.22 0.14 0.00
EMPIRE_CC_1 323656	32.73 0.78 0.41	27.06 0.68 -2.07	26.56 0.74 0.00	24.43 0.66 0.00	24.14 0.65 0.00	28.54 0.75 -1.51	103.21 -0.10 -106.63	55.37 1.16 -13.93	38.77 0.35 -27.18	47.10 1.23 -1.03	26.26 0.62 -0.58	26.02 0.58 0.00	29.58 0.58 -6.39	37.39 0.42 -19.34	32.94 0.44 -9.20	42.80 0.27 -25.66	35.21 0.45 -9.12	45.33 0.20 -34.79	41.86 0.16 -34.30	37.27 0.61 -8.29	35.97 0.64 -2.22	27.54 0.45 -0.20	23.63 0.43 0.00	21.50 0.41 0.00

EMPIRE_CC_2 323658	32.73 0.78 0.41	27.06 0.68 -2.07	26.56 0.74 0.00	24.43 0.66 0.00	24.14 0.65 0.00	28.54 0.75 -1.51	103.21 -0.10 -106.63	55.37 1.16 -13.93	38.77 0.35 -27.18	47.10 1.23 -1.03	26.26 0.62 -0.58	26.02 0.58 0.00	29.58 0.58 -6.39	37.39 0.42 -19.34	32.94 0.44 -9.20	42.80 0.27 -25.66	35.21 0.45 -9.12	45.33 0.20 -34.79	41.86 0.16 -34.30	37.27 0.61 -8.29	35.97 0.64 -2.22	27.54 0.45 -0.20	23.63 0.43 0.00	21.50 0.41 0.00
ENORWICH_115KV_TB1 80156	34.06 1.70 0.00	25.81 1.22 -0.27	27.10 1.28 0.00	24.91 1.14 0.00	24.67 1.18 0.00	28.00 1.52 -0.20	10.71 -0.11 -14.15	46.12 3.82 -2.01	16.15 0.99 -3.92	48.61 3.55 -0.21	26.65 1.47 -0.12	26.87 1.42 0.00	25.23 1.30 -1.32	22.47 0.90 -3.95	25.78 0.84 -1.63	21.72 0.70 -4.15	27.80 0.95 -1.21	15.49 0.53 -4.62	12.42 0.47 -4.55	31.39 1.92 -1.10	35.66 2.25 -0.29	28.62 1.74 0.00	24.62 1.41 0.00	22.29 1.20 0.00
ERIE_ST__34_KV_TB1-2 80199	31.83 -0.52 0.00	23.93 -0.52 -0.15	25.20 -0.63 0.00	23.22 -0.55 0.00	22.93 -0.55 0.00	25.95 -0.43 -0.11	4.26 0.02 -7.56	41.40 0.13 -0.98	13.16 0.01 -1.91	44.65 -0.27 -0.08	24.84 -0.26 -0.04	25.20 -0.24 0.00	22.72 -0.37 -0.47	18.85 -0.20 -1.42	23.64 -0.36 -0.69	18.43 -0.28 -1.85	25.55 -0.74 -0.65	12.63 -0.17 -2.47	9.67 -0.17 -2.43	28.33 -0.63 -0.59	32.75 -0.53 -0.16	26.66 -0.22 0.00	23.30 0.09 0.00	21.33 0.25 0.00
ERIE_WT_PWR 323693	31.79 -0.57 0.00	23.91 -0.54 -0.14	25.17 -0.65 0.00	23.19 -0.58 0.00	22.89 -0.60 0.00	25.86 -0.52 -0.11	4.18 0.01 -7.49	41.27 0.01 -0.97	13.12 -0.01 -1.89	44.46 -0.46 -0.08	24.76 -0.34 -0.04	25.14 -0.30 0.00	22.66 -0.42 -0.47	18.83 -0.21 -1.41	23.59 -0.41 -0.69	18.39 -0.30 -1.83	25.48 -0.80 -0.64	12.61 -0.18 -2.45	9.64 -0.17 -2.41	28.26 -0.69 -0.58	32.68 -0.59 -0.15	26.59 -0.29 0.00	23.24 0.04 0.00	21.33 0.25 0.00
ESPRGFLD_115KV_TB1 80157	33.38 0.98 -0.04	25.44 0.72 -0.41	26.57 0.74 0.00	24.43 0.66 0.00	24.16 0.68 0.00	27.39 0.81 -0.30	17.54 -0.10 -20.97	44.75 1.67 -2.79	17.19 0.50 -5.45	46.91 1.84 -0.23	26.13 0.94 -0.13	26.41 0.97 0.00	24.91 0.86 -1.44	22.56 0.65 -4.29	26.12 0.85 -1.96	22.83 0.66 -5.31	28.37 0.93 -1.80	17.58 0.40 -6.84	14.45 0.30 -6.75	31.12 1.12 -1.63	34.85 1.30 -0.43	27.80 1.00 0.08	24.03 0.82 0.00	21.76 0.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.75 0.39 0.00	24.77 0.26 -0.19	26.05 0.22 0.00	23.95 0.18 0.00	23.69 0.21 0.00	26.76 0.34 -0.14	6.66 -0.05 -10.03	42.56 0.95 -1.33	14.07 0.24 -2.59	45.69 0.73 -0.11	25.40 0.28 -0.06	25.75 0.31 0.00	23.51 0.21 -0.69	19.86 0.16 -2.06	24.41 0.14 -0.96	19.53 0.12 -2.55	26.66 0.16 -0.86	13.77 0.16 -3.27	10.78 0.15 -3.23	29.75 0.60 -0.78	34.01 0.69 -0.21	27.46 0.58 0.00	23.69 0.48 0.00	21.48 0.40 0.00
ETNA_____115KV_TB2 80207	32.75 0.39 0.00	24.77 0.26 -0.19	26.05 0.22 0.00	23.95 0.18 0.00	23.69 0.21 0.00	26.76 0.34 -0.14	6.66 -0.05 -10.03	42.56 0.95 -1.33	14.07 0.24 -2.59	45.69 0.73 -0.11	25.40 0.28 -0.06	25.75 0.31 0.00	23.51 0.21 -0.69	19.86 0.16 -2.06	24.41 0.14 -0.96	19.53 0.12 -2.55	26.66 0.16 -0.86	13.77 0.16 -3.27	10.78 0.15 -3.23	29.75 0.60 -0.78	34.01 0.69 -0.21	27.46 0.58 0.00	23.69 0.48 0.00	21.48 0.40 0.00
EUCLID___115KV_TB2 356179	31.88 -0.47 0.00	24.02 -0.38 -0.09	25.39 -0.44 0.00	23.36 -0.41 0.00	23.09 -0.40 0.00	25.96 -0.38 -0.06	1.17 0.03 -4.46	40.56 -0.31 -0.58	12.27 -0.10 -1.13	44.37 -0.52 -0.04	24.77 -0.31 -0.03	25.11 -0.33 0.00	22.58 -0.32 -0.28	18.23 -0.25 -0.85	23.36 -0.36 -0.41	17.71 -0.25 -1.09	25.60 -0.42 -0.38	11.69 -0.10 -1.46	8.77 -0.07 -1.43	28.45 -0.27 -0.35	32.91 -0.29 -0.09	26.65 -0.23 0.00	23.03 -0.17 0.00	20.93 -0.16 0.00
E_CANADA_CAP_HY 24051	34.61 2.47 0.21	28.16 1.66 -2.19	27.51 1.69 0.00	25.40 1.63 0.00	25.11 1.62 0.00	29.69 1.82 -1.60	109.14 -0.23 -112.69	58.38 3.37 -14.72	40.83 0.87 -28.72	49.07 3.13 -1.09	27.35 1.69 -0.61	27.23 1.79 0.00	30.83 1.42 -6.79	39.08 1.01 -20.45	34.29 1.26 -9.72	44.93 0.94 -27.12	36.85 1.57 -9.64	47.77 0.66 -36.77	44.27 0.61 -36.25	39.47 2.33 -8.76	38.07 2.62 -2.34	29.33 2.27 -0.17	25.25 2.04 0.00	22.82 1.74 0.00
E_CANADA_MHWK_HY 24050	32.27 -0.09 0.00	24.41 0.09 0.00	26.00 0.18 0.00	23.80 0.03 0.00	23.59 0.10 0.00	26.47 0.20 0.00	-3.35 -0.03 0.00	40.32 0.03 0.00	11.22 -0.02 0.00	44.58 -0.26 0.00	24.78 -0.28 0.00	25.24 -0.20 0.00	22.39 -0.22 0.00	17.45 -0.18 0.00	23.01 -0.30 0.00	16.55 -0.32 0.00	25.12 -0.52 0.00	10.28 -0.06 0.00	7.35 -0.06 0.00	28.39 0.02 0.00	33.13 0.01 0.00	26.78 -0.11 0.00	23.06 -0.15 0.00	20.88 -0.20 0.00
E_FISHKILL___LBMP 23776	33.81 1.26 -0.19	27.06 1.02 -1.73	26.90 1.08 0.00	24.73 0.96 0.00	24.41 0.93 0.00	28.50 0.95 -1.26	85.52 -0.13 -88.97	53.48 1.57 -11.62	34.46 0.55 -22.68	47.82 2.11 -0.86	26.77 1.23 -0.48	26.66 1.22 0.00	29.21 1.18 -5.41	34.66 0.91 -16.12	32.26 1.28 -7.66	39.24 0.97 -21.40	34.64 1.39 -7.61	39.92 0.55 -29.03	36.39 0.36 -28.62	36.55 1.26 -6.92	36.40 1.43 -1.85	28.33 1.20 -0.25	24.23 1.03 0.00	21.86 0.77 0.00
FALCON___SEABRD_CC1 323796	32.80 0.44 0.00	24.48 0.16 0.00	26.09 0.26 0.00	24.09 0.32 0.00	23.72 0.23 0.00	26.23 -0.05 0.00	-3.41 -0.09 0.00	39.73 -0.55 0.00	-191.35 -0.13 202.46	35.03 -0.37 9.44	20.63 -0.67 3.76	24.98 -0.46 0.00	22.34 -0.27 0.00	17.47 -0.15 0.00	23.24 -0.07 0.00	16.74 -0.13 0.00	25.52 -0.12 0.00	10.18 -0.16 0.00	7.43 0.03 0.00	28.63 0.26 0.00	33.53 0.42 0.00	27.23 0.34 0.00	23.45 0.25 0.00	21.50 0.41 0.00
FALCON___SEABRD_CC2 323797	32.80 0.44 0.00	24.48 0.16 0.00	26.09 0.26 0.00	24.09 0.32 0.00	23.72 0.23 0.00	26.23 -0.05 0.00	-3.41 -0.09 0.00	39.73 -0.55 0.00	-191.35 -0.13 202.46	35.03 -0.37 9.44	20.63 -0.67 3.76	24.98 -0.46 0.00	22.34 -0.27 0.00	17.47 -0.15 0.00	23.24 -0.07 0.00	16.74 -0.13 0.00	25.52 -0.12 0.00	10.18 -0.16 0.00	7.43 0.03 0.00	28.63 0.26 0.00	33.53 0.42 0.00	27.23 0.34 0.00	23.45 0.25 0.00	21.50 0.41 0.00
FAR ROCKAWAY___4 23548	35.65 2.66 -0.64	28.01 2.03 -1.67	29.14 2.14 -1.18	27.18 1.91 -1.50	25.30 1.82 0.00	29.39 1.90 -1.22	82.40 -0.24 -85.96	54.21 2.69 -11.23	34.12 0.97 -21.91	49.31 3.63 -0.83	34.80 2.25 -7.50	28.80 2.27 -1.09	35.80 2.11 -11.07	57.00 1.63 -37.74	39.24 2.18 -13.75	72.70 1.62 -54.22	90.47 2.39 -62.45	72.72 0.94 -61.43	46.58 0.63 -38.54	39.11 2.26 -8.49	54.32 2.62 -18.59	46.16 2.25 -17.03	30.37 2.02 -5.15	22.74 1.65 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.22 1.68 -0.19	27.29 1.31 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.67 1.19 0.00	28.69 1.19 -1.22	82.44 -0.16 -85.92	53.36 1.85 -11.22	33.81 0.67 -21.90	48.33 2.65 -0.83	27.13 1.61 -0.46	27.07 1.62 0.00	29.40 1.56 -5.22	34.39 1.20 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.75 1.76 -7.35	39.04 0.67 -28.03	35.46 0.42 -27.64	36.49 1.44 -6.68	36.59 1.69 -1.78	28.96 1.51 -0.57	24.49 1.29 0.00	22.07 0.98 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.25 1.71 -0.19	27.31 1.33 -1.67	27.23 1.41 0.00	25.02 1.25 0.00	24.69 1.21 0.00	28.71 1.21 -1.22	82.43 -0.16 -85.92	53.39 1.88 -11.22	33.82 0.68 -21.90	48.35 2.68 -0.83	27.15 1.63 -0.46	27.07 1.63 0.00	29.41 1.57 -5.22	34.39 1.20 -15.56	32.41 1.70 -7.40	38.80 1.27 -20.66	34.76 1.78 -7.35	39.05 0.67 -28.03	35.47 0.42 -27.64	36.51 1.46 -6.68	36.61 1.72 -1.78	28.98 1.53 -0.57	24.51 1.30 0.00	22.08 0.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.21 1.66 -0.19	27.28 1.30 -1.67	27.20 1.38 0.00	24.99 1.22 0.00	24.67 1.19 0.00	28.67 1.18 -1.22	82.44 -0.16 -85.92	53.35 1.84 -11.22	33.81 0.67 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.05 1.61 0.00	29.39 1.55 -5.22	34.37 1.18 -15.56	32.38 1.67 -7.40	38.77 1.25 -20.66	34.73 1.74 -7.35	39.04 0.66 -28.03	35.46 0.41 -27.64	36.47 1.42 -6.68	36.57 1.67 -1.78	28.95 1.50 -0.57	24.48 1.28 0.00	22.06 0.97 0.00
FARRAGUT___LBMP 323566	34.18 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.15 -85.92	53.31 1.80 -11.22	33.79 0.65 -21.90	48.25 2.58 -0.83	27.09 1.57 -0.46	27.02 1.58 0.00	29.36 1.52 -5.22	34.35 1.16 -15.56	32.35 1.64 -7.40	38.76 1.23 -20.66	34.70 1.72 -7.35	39.03 0.65 -28.03	35.45 0.40 -27.64	36.44 1.39 -6.68	36.54 1.64 -1.78	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
FENNER___WINDPWR 24204	32.74 0.38 0.00	24.72 0.30 -0.11	26.17 0.35 0.00	24.06 0.29 0.00	23.80 0.32 0.00	26.77 0.42 -0.08	2.26 -0.06 -5.64	41.86 0.83 -0.74	12.89 0.21 -1.44	45.61 0.71 -0.06	25.41 0.31 -0.03	25.73 0.29 0.00	23.21 0.23 -0.36	18.87 0.15 -1.09	23.95 0.12 -0.52	18.36 0.10 -1.39	26.32 0.20 -0.48	12.32 0.14 -1.84	9.35 0.13 -1.81	29.38 0.57 -0.44	33.91 0.68 -0.12	27.43 0.55 0.00	23.65 0.45 0.00	21.49 0.40 0.00
FIBERTEK___ENERGY 23856	32.31 -0.05 0.00	24.37 -0.04 -0.10	25.74 -0.08 0.00	23.67 -0.09 0.00	23.40 -0.08 0.00	26.31 -0.04 -0.07	1.75 -0.01 -5.08	41.11 0.16 -0.66	12.52 0.00 -1.29	44.76 -0.13 -0.05	24.98 -0.11 -0.03	25.33 -0.11 0.00	22.79 -0.15 -0.32	18.46 -0.13 -0.97	23.57 -0.21 -0.47	17.98 -0.13 -1.25	25.95 -0.12 -0.43	12.05 0.05 -1.66	9.09 0.05 -1.63	28.95 0.18 -0.39	33.43 0.21 -0.10	27.06 0.17 0.00	23.37 0.17 0.00	21.22 0.14 0.00
FITZPATRICK____ 23598	31.49 -0.87 0.00	23.71 -0.67 -0.06	25.09 -0.73 0.00	23.09 -0.68 0.00	22.81 -0.67 0.00	25.62 -0.70 -0.05	0.00 0.07 -3.25	39.82 -0.90 -0.42	11.81 -0.26 -0.83	43.77 -1.11 -0.03	24.44 -0.64 -0.02	24.79 -0.65 0.00	22.22 -0.60 -0.21	17.78 -0.46 -0.61	22.96 -0.64 -0.30	17.20 -0.45 -0.80	25.19 -0.72 -0.28	11.15 -0.25 -1.06	8.28 -0.17 -1.05	27.95 -0.67 -0.25	32.41 -0.78 -0.07	26.27 -0.62 0.00	22.69 -0.51 0.00	20.63 -0.46 0.00
FLOWRFLD_69_KV_BK1 356044	36.12 3.12 -0.64	28.38 2.40 -1.67	29.42 2.42 -1.18	27.47 2.20 -1.50	25.52 2.04 0.00	29.61 2.11 -1.22	82.35 -0.29 -85.96	54.66 3.15 -11.23	34.33 1.18 -21.91	50.02 4.34 -0.83	35.18 2.62 -7.50	29.14 2.61 -1.09	36.09 2.40 -11.07	57.21 1.84 -37.74	39.65 2.59 -13.75	72.98 1.89 -54.22	90.83 2.75 -62.45	72.86 1.08 -61.43	46.67 0.72 -38.54	39.50 2.64 -8.49	54.96 3.26 -18.59	46.66 2.75 -17.03	30.80 2.44 -5.15	23.04 1.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.15 1.65 -0.14	27.28 1.29 -1.68	27.18 1.36 0.00	24.97 1.20 0.00	24.66 1.17 0.00	28.74 1.24 -1.23	82.94 -0.17 -86.43	53.67 2.09 -11.29	33.95 0.68 -22.03	48.32 2.64 -0.84	27.04 1.51 -0.47	26.95 1.51 0.00	29.29 1.43 -5.24	34.40 1.13 -15.65	32.33 1.58 -7.44	38.85 1.20 -20.78	34.81 1.77 -7.39	39.26 0.71 -28.20	35.69 0.48 -27.80	36.80 1.71 -6.72	36.84 1.94 -1.80	28.57 1.58 -0.11	24.54 1.33 0.00	22.13 1.04 0.00
FORT ORANGE____ 23900	32.85 0.72 0.22	27.03 0.60 -2.12	26.46 0.63 0.00	24.34 0.57 0.00	24.04 0.55 0.00	28.48 0.65 -1.55	105.89 -0.09 -109.30	55.68 1.11 -14.28	39.41 0.31 -27.86	46.96 1.06 -1.06	26.17 0.52 -0.59	25.94 0.50 0.00	29.72 0.53 -6.58	37.86 0.41 -19.83	33.25 0.51 -9.42	43.53 0.37 -26.30	35.55 0.57 -9.35	46.26 0.25 -35.66	42.76 0.19 -35.16	37.61 0.74 -8.50	36.26 0.87 -2.27	27.69 0.63 -0.18	23.73 0.52 0.00	21.48 0.39 0.00
FORT_DRUM_COGEN 23780	32.85 0.49 0.00	24.74 0.38 -0.05	26.15 0.33 0.00	24.03 0.26 0.00	23.91 0.43 0.00	27.01 0.69 -0.04	-0.66 -0.10 -2.76	42.06 1.41 -0.36	12.17 0.22 -0.70	45.29 0.41 -0.03	25.48 0.40 -0.02	25.72 0.28 0.00	22.76 -0.03 -0.17	17.96 -0.19 -0.53	23.19 -0.37 -0.25	17.34 -0.20 -0.68	25.84 -0.03 -0.23	11.28 0.04 -0.90	8.48 0.18 -0.89	29.64 1.06 -0.21	34.46 1.29 -0.06	27.80 0.91 0.00	23.92 0.72 0.00	21.68 0.60 0.00
FPL_FAR_ROCK_GT1 24212	35.65 2.66 -0.64	28.01 2.03 -1.67	29.14 2.14 -1.18	27.18 1.91 -1.50	25.31 1.82 0.00	29.40 1.91 -1.22	82.40 -0.24 -85.96	54.21 2.70 -11.23	34.12 0.97 -21.91	49.31 3.63 -0.83	34.80 2.25 -7.50	28.80 2.27 -1.09	35.79 2.11 -11.07	57.00 1.63 -37.74	39.24 2.18 -13.75	72.69 1.62 -54.22	90.47 2.39 -62.45	72.72 0.95 -61.43	46.58 0.63 -38.54	39.11 2.26 -8.49	54.33 2.62 -18.59	46.16 2.25 -17.03	30.39 2.04 -5.15	22.74 1.64 0.00
FPL_FAR_ROCK_GT2 23815	35.65 2.66 -0.64	28.01 2.03 -1.67	29.14 2.14 -1.18	27.18 1.91 -1.50	25.31 1.82 0.00	29.40 1.91 -1.22	82.40 -0.24 -85.96	54.21 2.70 -11.23	34.12 0.97 -21.91	49.31 3.63 -0.83	34.80 2.25 -7.50	28.80 2.27 -1.09	35.79 2.11 -11.07	57.00 1.63 -37.74	39.24 2.18 -13.75	72.69 1.62 -54.22	90.47 2.39 -62.45	72.72 0.95 -61.43	46.58 0.63 -38.54	39.11 2.26 -8.49	54.33 2.62 -18.59	46.16 2.25 -17.03	30.39 2.04 -5.15	22.74 1.64 0.00
FRANKLIN_FALL_HYD 24054	32.39 0.04 0.00	24.21 -0.11 0.00	25.84 0.02 0.00	23.89 0.12 0.00	23.55 0.07 0.00	26.13 -0.15 0.00	-3.36 -0.04 0.00	39.83 -0.46 0.00	-191.37 -0.16 202.44	131.60 -0.42 -87.18	150.64 -0.51 -126.09	25.08 -0.36 0.00	22.36 -0.26 0.00	17.45 -0.18 0.00	23.17 -0.14 0.00	16.69 -0.17 0.00	25.50 -0.14 0.00	10.18 -0.16 0.00	7.38 -0.03 0.00	28.43 0.06 0.00	33.28 0.16 -0.01	27.66 0.10 -0.67	23.22 0.01 0.00	21.24 0.15 0.00
FREEPORT_EQUS_GT1 23764	35.51 2.52 -0.64	27.90 1.91 -1.67	28.99 1.99 -1.18	27.05 1.79 -1.50	25.17 1.69 0.00	29.26 1.76 -1.22	82.41 -0.23 -85.96	53.87 2.36 -11.23	34.03 0.88 -21.91	48.97 3.29 -0.83	34.57 2.01 -7.50	28.56 2.03 -1.09	35.65 1.96 -11.07	56.89 1.52 -37.74	39.17 2.11 -13.75	72.61 1.53 -54.22	90.30 2.22 -62.45	72.66 0.88 -61.43	46.53 0.59 -38.54	38.96 2.10 -8.49	54.18 2.47 -18.59	46.02 2.11 -17.03	30.31 1.96 -5.15	22.62 1.53 0.00
FREEPORT___CT2 23818	35.51 2.52 -0.64	27.90 1.91 -1.67	28.99 1.99 -1.18	27.05 1.79 -1.50	25.17 1.69 0.00	29.26 1.76 -1.22	82.41 -0.23 -85.96	53.87 2.36 -11.23	34.03 0.88 -21.91	48.97 3.29 -0.83	34.57 2.01 -7.50	28.56 2.03 -1.09	35.65 1.96 -11.07	56.89 1.52 -37.74	39.17 2.11 -13.75	72.61 1.53 -54.22	90.30 2.22 -62.45	72.66 0.88 -61.43	46.53 0.59 -38.54	38.96 2.10 -8.49	54.18 2.47 -18.59	46.02 2.11 -17.03	30.31 1.96 -5.15	22.62 1.53 0.00

FRESHKLS_33_KV_LOAD 356253	34.35 1.81 -0.19	27.44 1.46 -1.67	27.37 1.55 0.00	25.16 1.39 0.00	24.83 1.34 0.00	28.83 1.34 -1.22	82.43 -0.16 -85.92	53.20 1.69 -11.22	33.79 0.67 -21.89	-225.03 2.49 272.36	-297.22 1.52 323.80	26.98 1.54 0.00	29.35 1.51 -5.22	34.32 1.13 -15.56	32.34 1.63 -7.40	37.82 1.21 -19.74	34.10 1.68 -6.78	35.42 0.62 -24.46	35.00 0.41 -27.19	35.96 1.35 -6.24	34.51 1.60 0.21	28.93 1.48 -0.57	24.48 1.27 0.00	22.04 0.95 0.00
FULTON COGEN____ 23766	32.52 0.16 0.00	24.49 0.09 -0.09	25.90 0.08 0.00	23.82 0.05 0.00	23.56 0.07 0.00	26.51 0.17 -0.06	1.04 -0.04 -4.40	41.46 0.60 -0.57	12.49 0.13 -1.12	45.26 0.37 -0.04	25.26 0.17 -0.03	25.60 0.16 0.00	23.00 0.11 -0.28	18.50 0.04 -0.84	23.74 0.02 -0.40	17.98 0.03 -1.08	26.07 0.05 -0.38	11.89 0.11 -1.44	8.92 0.10 -1.42	29.14 0.43 -0.34	33.74 0.54 -0.09	27.29 0.41 0.00	23.56 0.36 0.00	21.40 0.32 0.00
FULTON____LFGE 323630	34.98 2.84 0.21	28.59 2.09 -2.19	28.22 2.40 0.00	25.98 2.21 0.00	25.76 2.27 0.00	30.42 2.54 -1.60	109.07 -0.30 -112.69	58.85 3.84 -14.72	40.73 0.77 -28.72	47.74 1.80 -1.09	27.18 1.51 -0.61	27.30 1.86 0.00	30.32 0.92 -6.79	38.51 0.43 -20.45	33.59 0.56 -9.72	44.42 0.43 -27.12	36.28 0.99 -9.64	47.94 0.83 -36.77	44.48 0.82 -36.25	40.17 3.03 -8.76	38.83 3.37 -2.34	29.82 2.76 -0.17	25.53 2.32 0.00	23.21 2.12 0.00
G.F.CEMENT____DRP 24184	34.11 2.01 0.26	28.06 1.58 -2.17	27.53 1.71 0.00	25.36 1.59 0.00	25.07 1.59 0.00	29.73 1.87 -1.59	108.34 -0.26 -111.92	58.12 3.21 -14.62	40.64 0.87 -28.53	49.04 3.11 -1.09	27.36 1.70 -0.61	27.07 1.63 0.00	30.80 1.46 -6.73	39.13 1.19 -20.31	34.45 1.48 -9.65	44.96 1.16 -26.94	37.09 1.88 -9.57	47.69 0.83 -36.52	44.02 0.61 -36.01	39.44 2.36 -8.70	38.07 2.63 -2.33	28.93 1.87 -0.18	24.73 1.53 0.00	22.38 1.30 0.00
GARDENVILLE____LBMP 24039	31.69 -0.66 0.00	23.84 -0.62 -0.14	25.09 -0.73 0.00	23.13 -0.64 0.00	22.85 -0.64 0.00	25.82 -0.56 -0.11	4.19 0.02 -7.49	41.20 -0.06 -0.97	13.08 -0.05 -1.89	44.33 -0.59 -0.08	24.69 -0.41 -0.04	25.06 -0.39 0.00	22.60 -0.49 -0.47	18.76 -0.27 -1.41	23.51 -0.49 -0.69	18.33 -0.36 -1.83	25.39 -0.89 -0.64	12.57 -0.21 -2.45	9.62 -0.20 -2.41	28.17 -0.78 -0.58	32.55 -0.72 -0.15	26.52 -0.36 0.00	23.19 -0.01 0.00	21.27 0.18 0.00
GARDNVLA_35_KV_LD 355827	31.81 -0.54 0.00	23.93 -0.53 -0.14	25.19 -0.63 0.00	23.21 -0.55 0.00	22.92 -0.57 0.00	25.91 -0.47 -0.11	4.18 0.01 -7.50	41.34 0.08 -0.97	13.13 0.00 -1.89	44.51 -0.41 -0.08	24.79 -0.31 -0.04	25.17 -0.27 0.00	22.69 -0.39 -0.47	18.84 -0.19 -1.41	23.62 -0.38 -0.69	18.42 -0.28 -1.83	25.50 -0.78 -0.64	12.63 -0.16 -2.45	9.66 -0.16 -2.41	28.31 -0.65 -0.58	32.72 -0.55 -0.15	26.66 -0.22 0.00	23.30 0.10 0.00	21.36 0.27 0.00
GELCKHM__115KV_LOAD 80723	32.05 -0.31 0.00	24.16 -0.24 -0.09	25.52 -0.30 0.00	23.47 -0.30 0.00	23.21 -0.28 0.00	26.09 -0.26 -0.07	1.39 0.02 -4.69	40.76 -0.13 -0.61	12.37 -0.06 -1.19	44.52 -0.38 -0.05	24.85 -0.23 -0.03	25.20 -0.24 0.00	22.66 -0.25 -0.30	18.32 -0.20 -0.89	23.44 -0.30 -0.43	17.82 -0.20 -1.15	25.74 -0.30 -0.40	11.83 -0.04 -1.53	8.89 -0.02 -1.51	28.65 -0.09 -0.37	33.12 -0.09 -0.10	26.81 -0.07 0.00	23.17 -0.04 0.00	21.04 -0.05 0.00
GENERAL____MILLS 23808	31.76 -0.60 0.00	23.89 -0.57 -0.14	25.15 -0.68 0.00	23.18 -0.59 0.00	22.89 -0.60 0.00	25.88 -0.51 -0.11	4.19 0.01 -7.49	41.28 0.02 -0.97	13.11 -0.02 -1.89	44.42 -0.50 -0.08	24.74 -0.36 -0.04	25.12 -0.32 0.00	22.64 -0.44 -0.47	18.80 -0.23 -1.41	23.57 -0.43 -0.69	18.38 -0.32 -1.83	25.44 -0.84 -0.64	12.60 -0.19 -2.45	9.64 -0.18 -2.41	28.24 -0.71 -0.58	32.65 -0.62 -0.15	26.59 -0.29 0.00	23.26 0.05 0.00	21.31 0.23 0.00
GE_PLASTICS____DRP 24183	32.87 0.70 0.19	27.03 0.59 -2.13	26.45 0.63 0.00	24.33 0.56 0.00	24.03 0.55 0.00	28.46 0.63 -1.56	106.41 -0.09 -109.82	55.67 1.04 -14.34	39.54 0.31 -27.99	46.95 1.04 -1.07	26.18 0.52 -0.60	25.95 0.50 0.00	29.79 0.55 -6.62	38.00 0.45 -19.93	33.36 0.57 -9.47	43.70 0.40 -26.43	35.64 0.61 -9.39	46.43 0.26 -35.83	42.92 0.19 -35.33	37.61 0.70 -8.54	36.22 0.83 -2.28	27.68 0.61 -0.18	23.72 0.51 0.00	21.48 0.39 0.00
GILBOA____1 23756	33.29 0.93 0.00	27.14 0.76 -2.07	26.64 0.81 0.00	24.50 0.73 0.00	24.20 0.71 0.00	28.56 0.77 -1.51	103.17 -0.11 -106.60	55.47 1.26 -13.92	38.76 0.35 -27.17	47.37 1.49 -1.03	26.48 0.84 -0.58	26.27 0.82 0.00	29.87 0.80 -6.45	37.59 0.62 -19.34	33.34 0.84 -9.19	43.13 0.61 -25.65	35.57 0.81 -9.12	45.43 0.31 -34.78	41.91 0.21 -34.29	37.50 0.84 -8.29	36.40 1.07 -2.21	27.92 0.85 -0.19	23.93 0.73 0.00	21.65 0.56 0.00
GILBOA____2 23757	33.29 0.93 0.00	27.14 0.76 -2.07	26.64 0.81 0.00	24.50 0.73 0.00	24.20 0.71 0.00	28.56 0.77 -1.51	103.17 -0.11 -106.60	55.47 1.26 -13.92	38.76 0.35 -27.17	47.37 1.49 -1.03	26.48 0.84 -0.58	26.27 0.82 0.00	29.87 0.80 -6.45	37.59 0.62 -19.34	33.34 0.84 -9.19	43.13 0.61 -25.65	35.57 0.81 -9.12	45.43 0.31 -34.78	41.91 0.21 -34.29	37.50 0.84 -8.29	36.40 1.07 -2.21	27.92 0.85 -0.19	23.93 0.73 0.00	21.65 0.56 0.00
GILBOA____3 23758	33.29 0.93 0.00	27.14 0.76 -2.07	26.64 0.81 0.00	24.50 0.73 0.00	24.20 0.71 0.00	28.56 0.77 -1.51	103.17 -0.11 -106.60	55.47 1.26 -13.92	38.76 0.35 -27.17	47.37 1.49 -1.03	26.48 0.84 -0.58	26.27 0.82 0.00	29.87 0.80 -6.45	37.59 0.62 -19.34	33.34 0.84 -9.19	43.13 0.61 -25.65	35.57 0.81 -9.12	45.43 0.31 -34.78	41.91 0.21 -34.29	37.50 0.84 -8.29	36.40 1.07 -2.21	27.92 0.85 -0.19	23.93 0.73 0.00	21.65 0.56 0.00
GILBOA____4 23759	33.29 0.93 0.00	27.14 0.76 -2.07	26.64 0.81 0.00	24.50 0.73 0.00	24.20 0.71 0.00	28.56 0.77 -1.51	103.17 -0.11 -106.60	55.47 1.26 -13.92	38.76 0.35 -27.17	47.37 1.49 -1.03	26.48 0.84 -0.58	26.27 0.82 0.00	29.87 0.80 -6.45	37.59 0.62 -19.34	33.34 0.84 -9.19	43.13 0.61 -25.65	35.57 0.81 -9.12	45.43 0.31 -34.78	41.91 0.21 -34.29	37.50 0.84 -8.29	36.40 1.07 -2.21	27.92 0.85 -0.19	23.93 0.73 0.00	21.65 0.56 0.00
GILBOA____ 23599	33.29 0.93 0.00	27.14 0.76 -2.07	26.64 0.82 0.00	24.50 0.73 0.00	24.20 0.71 0.00	28.55 0.76 -1.51	103.17 -0.11 -106.60	55.46 1.25 -13.92	38.76 0.35 -27.17	47.37 1.49 -1.03	26.48 0.85 -0.58	26.27 0.83 0.00	29.87 0.80 -6.45	37.59 0.62 -19.34	33.34 0.84 -9.19	43.13 0.61 -25.65	35.57 0.81 -9.12	45.43 0.31 -34.78	41.91 0.21 -34.29	37.50 0.84 -8.29	36.40 1.07 -2.21	27.92 0.84 -0.19	23.93 0.72 0.00	21.65 0.56 0.00
GINNA____ 23603	30.56 -1.80 0.00	23.00 -1.42 -0.11	24.25 -1.57 0.00	22.34 -1.43 0.00	22.07 -1.41 0.00	24.90 -1.46 -0.08	2.54 0.14 -5.72	39.35 -1.68 -0.74	12.20 -0.49 -1.45	42.68 -2.22 -0.06	23.82 -1.27 -0.03	24.15 -1.29 0.00	21.74 -1.23 -0.36	17.81 -0.90 -1.08	22.57 -1.26 -0.52	17.36 -0.91 -1.40	24.59 -1.54 -0.49	11.70 -0.51 -1.87	8.89 -0.35 -1.84	27.39 -1.42 -0.45	31.63 -1.60 -0.12	25.63 -1.26 0.00	22.23 -0.97 0.00	20.27 -0.82 0.00

GLEN PARK____ 23778	33.04 0.68 0.00	24.89 0.52 -0.06	26.29 0.47 0.00	24.16 0.39 0.00	24.03 0.55 0.00	27.14 0.82 -0.04	-0.59 -0.12 -2.86	42.33 1.67 -0.37	12.25 0.28 -0.73	45.49 0.62 -0.03	25.62 0.55 -0.02	25.85 0.41 0.00	22.89 0.09 -0.18	18.08 -0.10 -0.54	23.29 -0.28 -0.26	17.43 -0.14 -0.70	25.98 0.09 -0.24	11.34 0.07 -0.93	8.55 0.23 -0.92	29.85 1.26 -0.22	34.72 1.55 -0.06	27.99 1.10 0.00	24.06 0.85 0.00	21.81 0.72 0.00
GLENDALDE_27_KV_LOAD 356172	34.42 1.87 -0.19	27.43 1.45 -1.67	27.35 1.53 0.00	25.12 1.35 0.00	24.79 1.30 0.00	28.82 1.32 -1.22	82.43 -0.17 -85.92	53.60 2.09 -11.22	33.90 0.75 -21.90	48.59 2.92 -0.83	27.28 1.76 -0.46	27.22 1.78 0.00	29.55 1.71 -5.22	34.50 1.30 -15.56	32.55 1.85 -7.40	38.90 1.37 -20.66	34.90 1.91 -7.35	39.10 0.72 -28.03	35.50 0.46 -27.64	36.62 1.57 -6.68	36.77 1.87 -1.79	29.11 1.66 -0.57	24.61 1.40 0.00	22.16 1.07 0.00
GLENWOOD_IC_1_G5 23712	35.08 2.08 -0.64	27.58 1.60 -1.67	28.68 1.68 -1.18	26.77 1.50 -1.50	24.92 1.43 0.00	28.97 1.47 -1.22	82.44 -0.19 -85.96	53.73 2.21 -11.23	33.91 0.76 -21.91	48.59 2.91 -0.83	34.47 1.91 -7.50	28.44 1.91 -1.09	35.50 1.81 -11.07	56.77 1.40 -37.74	39.02 1.95 -13.75	72.51 1.43 -54.22	90.02 1.94 -62.45	72.53 0.76 -61.43	46.44 0.49 -38.54	38.57 1.71 -8.49	53.71 2.00 -18.59	45.77 1.86 -17.03	29.95 1.60 -5.15	22.36 1.27 0.00
GLENWOOD_IC_2_G1 23688	34.86 1.86 -0.64	27.43 1.45 -1.67	28.52 1.52 -1.18	26.62 1.35 -1.50	24.79 1.30 0.00	28.83 1.34 -1.22	82.46 -0.18 -85.96	53.55 2.03 -11.23	33.88 0.73 -21.91	48.46 2.79 -0.83	34.29 1.73 -7.50	28.26 1.73 -1.09	35.33 1.64 -11.07	56.64 1.27 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.97 1.88 -62.45	72.51 0.73 -61.43	46.42 0.48 -38.54	38.54 1.69 -8.49	53.66 1.96 -18.59	45.61 1.70 -17.03	29.81 1.46 -5.15	22.22 1.13 0.00
GLENWOOD_IC_3_G1 23689	34.86 1.86 -0.64	27.43 1.45 -1.67	28.52 1.52 -1.18	26.62 1.35 -1.50	24.79 1.30 0.00	28.83 1.34 -1.22	82.46 -0.18 -85.96	53.55 2.03 -11.23	33.88 0.73 -21.91	48.46 2.79 -0.83	34.29 1.73 -7.50	28.26 1.73 -1.09	35.33 1.64 -11.07	56.64 1.27 -37.74	38.83 1.77 -13.75	72.40 1.32 -54.22	89.97 1.88 -62.45	72.51 0.73 -61.43	46.42 0.48 -38.54	38.54 1.69 -8.49	53.66 1.96 -18.59	45.61 1.70 -17.03	29.81 1.46 -5.15	22.22 1.13 0.00
GLENWOOD____4 23550	35.08 2.08 -0.64	27.58 1.60 -1.67	28.68 1.68 -1.18	26.77 1.50 -1.50	24.92 1.43 0.00	28.97 1.47 -1.22	82.44 -0.19 -85.96	53.73 2.22 -11.23	33.93 0.78 -21.91	48.65 2.97 -0.83	34.47 1.91 -7.50	28.44 1.91 -1.09	35.50 1.81 -11.07	56.77 1.40 -37.74	39.02 1.95 -13.75	72.52 1.44 -54.22	90.08 2.00 -62.45	72.55 0.78 -61.43	46.45 0.51 -38.54	38.65 1.79 -8.49	53.80 2.10 -18.59	45.78 1.87 -17.03	29.95 1.60 -5.15	22.36 1.27 0.00
GLENWOOD____5 23614	35.08 2.08 -0.64	27.58 1.60 -1.67	28.68 1.68 -1.18	26.77 1.50 -1.50	24.92 1.43 0.00	28.97 1.47 -1.22	82.44 -0.19 -85.96	53.73 2.22 -11.23	33.93 0.78 -21.91	48.65 2.97 -0.83	34.47 1.91 -7.50	28.44 1.91 -1.09	35.50 1.81 -11.07	56.77 1.40 -37.74	39.02 1.95 -13.75	72.52 1.44 -54.22	90.08 2.00 -62.45	72.55 0.78 -61.43	46.45 0.51 -38.54	38.65 1.79 -8.49	53.80 2.10 -18.59	45.78 1.87 -17.03	29.95 1.60 -5.15	22.36 1.27 0.00
GLOBAL GREEN_PORT_GT1 23814	37.58 4.59 -0.64	29.38 3.40 -1.67	30.45 3.45 -1.18	28.44 3.17 -1.50	26.46 2.98 0.00	30.74 3.24 -1.22	82.19 -0.44 -85.96	56.48 4.97 -11.23	34.85 1.70 -21.91	52.00 6.33 -0.83	35.54 2.99 -7.50	29.47 2.94 -1.09	36.39 2.71 -11.07	57.64 2.27 -37.74	40.82 3.76 -13.75	73.82 2.74 -54.22	92.16 4.08 -62.45	73.43 1.66 -61.43	47.09 1.14 -38.54	41.06 4.21 -8.49	56.70 4.99 -18.59	48.02 4.11 -17.03	31.96 3.61 -5.15	23.89 2.80 0.00
GLOBE____DSASP 323697	30.87 -1.49 0.00	23.23 -1.22 -0.14	24.47 -1.36 0.00	22.59 -1.18 0.00	22.29 -1.19 0.00	25.17 -1.20 -0.10	3.77 0.09 -7.01	40.06 -1.14 -0.91	12.64 -0.37 -1.77	42.85 -2.06 -0.07	23.96 -1.14 -0.04	24.35 -1.09 0.00	21.92 -1.13 -0.44	18.17 -0.77 -1.32	22.76 -1.19 -0.64	17.70 -0.87 -1.71	24.55 -1.69 -0.60	12.07 -0.55 -2.29	9.26 -0.40 -2.25	27.27 -1.64 -0.55	31.58 -1.68 -0.14	25.77 -1.11 0.00	22.63 -0.57 0.00	20.88 -0.21 0.00
GOETHSLN____LBMP 323567	33.98 1.44 -0.19	27.12 1.14 -1.67	27.07 1.25 0.00	24.88 1.11 0.00	24.56 1.07 0.00	28.51 1.02 -1.22	82.46 -0.13 -85.92	53.05 1.54 -11.22	33.70 0.57 -21.89	-226.31 2.27 273.43	-298.77 1.40 325.23	26.87 1.43 0.00	29.23 1.39 -5.22	34.25 1.07 -15.56	32.23 1.52 -7.40	38.68 1.15 -20.66	34.60 1.62 -7.35	38.98 0.60 -28.03	35.41 0.36 -27.64	35.82 1.20 -6.24	34.30 1.40 0.21	27.70 1.30 0.48	24.32 1.12 0.00	21.93 0.84 0.00
GOLAH____69_KV_TB 1_2 80279	32.15 -0.21 0.00	24.18 -0.24 -0.11	25.48 -0.34 0.00	23.49 -0.28 0.00	23.21 -0.28 0.00	26.18 -0.18 -0.08	2.58 -0.03 -5.94	41.60 0.54 -0.77	12.83 0.09 -1.50	44.87 -0.03 -0.06	25.03 -0.06 -0.03	25.37 -0.07 0.00	22.78 -0.20 -0.37	18.68 -0.07 -1.12	23.65 -0.20 -0.54	18.19 -0.13 -1.45	25.72 -0.43 -0.51	12.24 -0.04 -1.94	9.30 -0.01 -1.91	28.74 -0.09 -0.46	33.27 0.03 -0.12	27.00 0.12 0.00	23.48 0.28 0.00	21.48 0.39 0.00
GOODYEAR_LAKE_HYD 323669	33.22 0.82 -0.04	25.32 0.60 -0.41	26.44 0.62 0.00	24.31 0.54 0.00	24.05 0.56 0.00	27.25 0.68 -0.30	17.56 -0.09 -20.97	44.47 1.39 -2.79	17.11 0.42 -5.45	46.62 1.54 -0.23	25.97 0.79 -0.13	26.25 0.81 0.00	24.79 0.73 -1.44	22.47 0.56 -4.29	26.00 0.73 -1.96	22.75 0.58 -5.31	28.25 0.82 -1.80	17.53 0.35 -6.84	14.40 0.25 -6.75	30.93 0.93 -1.63	34.63 1.08 -0.43	27.66 0.85 0.08	23.91 0.71 0.00	21.67 0.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	32.38 0.02 0.00	24.55 -0.03 -0.27	25.76 -0.06 0.00	23.68 -0.09 0.00	23.41 -0.08 0.00	26.49 0.01 -0.20	10.61 0.00 -13.94	42.41 0.33 -1.79	14.87 0.12 -3.51	45.35 0.37 -0.14	25.20 0.06 -0.08	25.49 0.05 0.00	23.53 0.06 -0.86	20.26 0.06 -2.58	24.65 0.05 -1.29	20.31 0.07 -3.38	26.82 -0.01 -1.19	14.93 0.04 -4.55	11.90 0.01 -4.48	29.54 0.09 -1.08	33.52 0.12 -0.29	27.06 0.17 0.00	23.36 0.16 0.00	21.25 0.16 0.00
GOUDEY____7 23579	32.41 0.05 0.00	24.57 -0.01 -0.27	25.78 -0.04 0.00	23.69 -0.08 0.00	23.42 -0.07 0.00	26.51 0.04 -0.20	10.61 -0.01 -13.94	42.45 0.37 -1.79	14.88 0.13 -3.51	45.39 0.41 -0.14	25.22 0.08 -0.08	25.51 0.07 0.00	23.55 0.08 -0.86	20.28 0.08 -2.58	24.67 0.07 -1.29	20.33 0.08 -3.38	26.85 0.02 -1.19	14.94 0.05 -4.55	11.91 0.02 -4.48	29.57 0.12 -1.08	33.56 0.16 -0.29	27.08 0.19 0.00	23.38 0.18 0.00	21.27 0.18 0.00
GOUDEY____8 23580	32.38 0.02 0.00	24.55 -0.03 -0.27	25.76 -0.06 0.00	23.68 -0.09 0.00	23.41 -0.08 0.00	26.49 0.01 -0.20	10.61 0.00 -13.94	42.41 0.33 -1.79	14.87 0.12 -3.51	45.35 0.37 -0.14	25.20 0.06 -0.08	25.49 0.05 0.00	23.53 0.06 -0.86	20.26 0.06 -2.58	24.65 0.05 -1.29	20.31 0.07 -3.38	26.82 -0.01 -1.19	14.93 0.04 -4.55	11.90 0.01 -4.48	29.54 0.09 -1.08	33.52 0.12 -0.29	27.06 0.17 0.00	23.36 0.16 0.00	21.25 0.16 0.00

GOWANUS_GT1_1 24077	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT1_2 24078	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT1_3 24079	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT1_4 24080	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT1_5 24084	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT1_6 24111	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT1_7 24112	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT1_8 24113	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT2_1 24114	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT2_2 24115	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT2_3 24116	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT2_4 24117	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT2_5 24118	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT2_6 24119	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT2_7 24120	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00

GOWANUS_GT2_8 24121	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_1 24122	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_2 24123	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_3 24124	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_4 24125	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_5 24126	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_6 24127	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_7 24128	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT3_8 24129	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
GOWANUS_GT4_1 24130	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT4_2 24131	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT4_3 24132	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT4_4 24133	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT4_5 24134	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT4_6 24135	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00

GOWANUS_GT4_7 24136	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GOWANUS_GT4_8 24137	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GREENBSH_115KV_TB3 55895	32.65 0.53 0.23	26.91 0.47 -2.13	26.32 0.50 0.00	24.21 0.44 0.00	23.92 0.44 0.00	28.33 0.50 -1.56	106.50 -0.07 -109.89	55.48 0.84 -14.35	39.50 0.25 -28.01	46.79 0.88 -1.07	26.10 0.45 -0.60	25.86 0.42 0.00	29.69 0.46 -6.61	37.92 0.35 -19.94	33.23 0.44 -9.48	43.62 0.31 -26.44	35.51 0.47 -9.40	46.41 0.21 -35.86	42.91 0.15 -35.35	37.49 0.58 -8.55	36.05 0.65 -2.28	27.52 0.45 -0.18	23.58 0.37 0.00	21.36 0.27 0.00
GREENDGE_115KV_TB5 80291	32.28 -0.08 0.00	24.41 -0.07 -0.17	25.69 -0.13 0.00	23.63 -0.15 0.00	23.35 -0.13 0.00	26.40 0.00 -0.13	5.57 -0.02 -8.91	41.82 0.37 -1.16	13.59 0.10 -2.26	45.09 0.15 -0.09	25.14 0.03 -0.05	25.47 0.02 0.00	23.15 -0.03 -0.57	19.32 -0.01 -1.70	24.04 -0.09 -0.82	19.01 -0.04 -2.19	26.24 -0.16 -0.76	13.29 0.04 -2.91	10.31 0.04 -2.87	29.26 0.20 -0.69	33.47 0.17 -0.18	27.16 0.27 0.00	23.49 0.28 0.00	21.39 0.30 0.00
GREENIDGE___3 23582	32.28 -0.08 0.00	24.41 -0.07 -0.17	25.69 -0.13 0.00	23.63 -0.15 0.00	23.35 -0.13 0.00	26.40 0.00 -0.13	5.57 -0.02 -8.91	41.82 0.37 -1.16	13.59 0.10 -2.26	45.09 0.15 -0.09	25.14 0.03 -0.05	25.47 0.02 0.00	23.15 -0.03 -0.57	19.32 -0.01 -1.70	24.04 -0.09 -0.82	19.01 -0.04 -2.19	26.24 -0.16 -0.76	13.29 0.04 -2.91	10.31 0.04 -2.87	29.26 0.20 -0.69	33.47 0.17 -0.18	27.16 0.27 0.00	23.49 0.28 0.00	21.39 0.30 0.00
GREENIDGE___4 23583	32.28 -0.08 0.00	24.42 -0.07 -0.17	25.69 -0.13 0.00	23.62 -0.15 0.00	23.35 -0.14 0.00	26.38 -0.02 -0.13	5.57 -0.02 -8.91	41.82 0.38 -1.16	13.59 0.09 -2.26	45.07 0.14 -0.09	25.14 0.04 -0.05	25.47 0.02 0.00	23.15 -0.04 -0.57	19.32 -0.01 -1.70	24.04 -0.09 -0.82	19.02 -0.04 -2.19	26.24 -0.16 -0.76	13.29 0.04 -2.91	10.32 0.04 -2.87	29.26 0.20 -0.69	33.47 0.17 -0.18	27.15 0.26 0.00	23.47 0.26 0.00	21.39 0.31 0.00
GREENLWN_69_KV_BK 3 55738	35.36 2.37 -0.64	27.84 1.86 -1.67	28.96 1.96 -1.18	27.05 1.79 -1.50	25.15 1.67 0.00	29.21 1.72 -1.22	82.41 -0.23 -85.96	53.86 2.34 -11.23	34.06 0.91 -21.91	49.03 3.36 -0.83	34.64 2.09 -7.50	28.61 2.07 -1.09	35.62 1.94 -11.07	56.86 1.49 -37.74	39.12 2.06 -13.75	72.61 1.53 -54.22	90.32 2.24 -62.45	72.65 0.88 -61.43	46.53 0.58 -38.54	38.95 2.10 -8.49	54.13 2.43 -18.59	45.92 2.01 -17.03	30.15 1.80 -5.15	22.56 1.46 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00
GRISSOM___SOLAR 323813	34.98 2.84 0.21	28.59 2.09 -2.19	28.22 2.40 0.00	25.98 2.21 0.00	25.76 2.27 0.00	30.42 2.54 -1.60	109.07 -0.30 -112.69	58.85 3.84 -14.72	40.73 0.77 -28.72	47.74 1.80 -1.09	27.18 1.51 -0.61	27.30 1.86 0.00	30.32 0.92 -6.79	38.51 0.43 -20.45	33.59 0.56 -9.72	44.42 0.43 -27.12	36.28 0.99 -9.64	47.94 0.83 -36.77	44.48 0.82 -36.25	40.17 3.03 -8.76	38.83 3.37 -2.34	29.82 2.76 -0.17	25.53 2.32 0.00	23.21 2.12 0.00
GROVEVILLE___HYD 323602	34.15 1.65 -0.14	27.28 1.29 -1.68	27.18 1.36 0.00	24.97 1.20 0.00	24.66 1.17 0.00	28.74 1.24 -1.23	82.94 -0.17 -86.43	53.67 2.09 -11.29	33.95 0.68 -22.03	48.32 2.64 -0.84	27.04 1.51 -0.47	26.95 1.51 0.00	29.29 1.43 -5.24	34.40 1.13 -15.65	32.33 1.58 -7.44	38.85 1.20 -20.78	34.81 1.77 -7.39	39.26 0.71 -28.20	35.69 0.48 -27.80	36.80 1.71 -6.72	36.84 1.94 -1.80	28.57 1.58 -0.11	24.54 1.33 0.00	22.13 1.04 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.31 -0.05 0.00	24.37 -0.04 -0.10	25.74 -0.08 0.00	23.67 -0.09 0.00	23.40 -0.08 0.00	26.31 -0.04 -0.07	1.75 -0.01 -5.08	41.11 0.16 -0.66	12.52 0.00 -1.29	44.76 -0.13 -0.05	24.98 -0.11 -0.03	25.33 -0.11 0.00	22.79 -0.15 -0.32	18.46 -0.13 -0.97	23.57 -0.21 -0.47	17.98 -0.13 -1.25	25.95 -0.12 -0.43	12.05 0.05 -1.66	9.09 0.05 -1.63	28.95 0.18 -0.39	33.43 0.21 -0.10	27.06 0.17 0.00	23.37 0.17 0.00	21.22 0.14 0.00
HAMLTNNY_34_KV_TB 80303	32.29 -0.06 0.00	24.28 -0.14 -0.10	25.63 -0.19 0.00	23.58 -0.19 0.00	23.36 -0.13 0.00	26.29 -0.06 -0.08	2.07 -0.01 -5.40	41.20 0.21 -0.70	12.66 0.05 -1.37	44.95 0.06 -0.05	25.10 0.01 -0.03	25.47 0.02 0.00	22.91 -0.05 -0.35	18.62 -0.03 -1.03	23.73 -0.08 -0.50	18.15 -0.05 -1.33	26.02 -0.08 -0.46	12.16 0.06 -1.76	9.19 0.05 -1.74	28.98 0.19 -0.42	33.40 0.17 -0.11	27.04 0.16 0.00	23.35 0.15 0.00	21.16 0.08 0.00
HAMPSHIRE___PAPER_HYD 323593	32.09 -0.27 0.00	24.08 -0.23 0.00	25.59 -0.23 0.00	23.57 -0.21 0.00	23.36 -0.13 0.00	26.19 -0.08 0.00	-3.32 0.01 0.00	40.22 -0.07 0.00	11.09 -0.14 0.00	44.26 -0.59 0.00	24.78 -0.28 0.00	25.14 -0.30 0.00	22.17 -0.44 0.00	17.19 -0.44 0.00	22.70 -0.61 0.00	16.45 -0.41 0.00	25.23 -0.41 0.00	10.17 -0.17 0.00	7.36 -0.05 0.00	28.38 0.01 0.00	33.18 0.07 0.00	26.85 -0.03 0.00	23.10 -0.10 0.00	21.01 -0.08 0.00
HARDSCRABBLE_WT_PWR 323673	32.30 -0.06 0.00	24.40 0.08 0.00	25.99 0.16 0.00	23.79 0.02 0.00	23.59 0.11 0.00	26.47 0.19 0.00	-3.34 -0.03 0.00	40.36 0.07 0.00	11.24 0.00 0.00	44.72 -0.12 0.00	24.83 -0.22 0.00	25.27 -0.17 0.00	22.40 -0.22 0.00	17.45 -0.17 0.00	23.02 -0.29 0.00	16.54 -0.32 0.00	25.11 -0.52 0.00	10.26 -0.08 0.00	7.33 -0.07 0.00	28.36 -0.01 0.00	33.06 -0.05 0.00	26.79 -0.09 0.00	23.13 -0.07 0.00	20.96 -0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.87 1.35 -0.16	26.87 1.06 -1.50	26.96 1.13 0.00	24.75 0.98 0.00	24.47 0.98 0.00	28.40 1.03 -1.10	73.78 -0.13 -77.23	52.09 1.72 -10.09	31.51 0.58 -19.69	47.85 2.26 -0.75	26.80 1.32 -0.42	26.76 1.32 0.00	28.58 1.28 -4.69	32.61 1.01 -13.98	31.39 1.44 -6.64	36.54 1.11 -18.57	33.84 1.60 -6.61	36.17 0.63 -25.20	32.66 0.41 -24.84	35.78 1.40 -6.01	36.29 1.57 -1.60	27.69 1.30 0.49	24.32 1.12 0.00	21.94 0.85 0.00

HARSNRAD_115KV_TB1 81005	31.42 -0.93 0.00	23.64 -0.81 -0.13	24.90 -0.93 0.00	22.98 -0.79 0.00	22.68 -0.80 0.00	25.62 -0.75 -0.10	3.65 0.05 -6.92	40.86 -0.33 -0.90	12.83 -0.16 -1.75	43.75 -1.16 -0.07	24.48 -0.62 -0.04	24.81 -0.63 0.00	22.29 -0.75 -0.43	18.46 -0.47 -1.30	23.17 -0.77 -0.63	17.98 -0.58 -1.69	25.00 -1.23 -0.59	12.26 -0.34 -2.26	9.36 -0.27 -2.23	27.80 -1.11 -0.54	32.15 -1.11 -0.14	26.21 -0.67 0.00	22.98 -0.22 0.00	21.10 0.01 0.00
HARZA MOOSE__RIVER 24016	32.76 0.40 0.00	24.66 0.31 -0.04	26.16 0.33 0.00	24.06 0.28 0.00	23.87 0.38 0.00	26.86 0.56 -0.03	-1.57 -0.07 -1.82	41.49 0.96 -0.24	11.90 0.20 -0.46	45.45 0.59 -0.02	25.39 0.32 -0.01	25.72 0.28 0.00	22.81 0.08 -0.12	17.94 -0.03 -0.35	23.37 -0.11 -0.17	17.29 -0.02 -0.45	25.93 0.13 -0.16	11.03 0.10 -0.60	8.14 0.14 -0.58	29.21 0.70 -0.14	33.99 0.83 -0.04	27.49 0.60 0.00	23.69 0.49 0.00	21.51 0.42 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.02 -0.34 0.00	24.12 -0.28 -0.09	25.48 -0.34 0.00	23.44 -0.32 0.00	23.17 -0.31 0.00	26.06 -0.28 -0.07	1.42 0.02 -4.72	40.78 -0.13 -0.61	12.39 -0.05 -1.20	44.60 -0.29 -0.05	24.89 -0.20 -0.03	25.23 -0.21 0.00	22.71 -0.21 -0.30	18.36 -0.16 -0.90	23.49 -0.25 -0.43	17.86 -0.17 -1.16	25.74 -0.30 -0.40	11.83 -0.05 -1.54	8.89 -0.03 -1.52	28.60 -0.13 -0.37	33.07 -0.14 -0.10	26.78 -0.11 0.00	23.13 -0.07 0.00	21.02 -0.07 0.00
HELLGATE_13_KV_LD 55870	34.23 1.68 -0.19	27.29 1.32 -1.67	27.22 1.40 0.00	25.00 1.24 0.00	24.68 1.19 0.00	28.68 1.19 -1.22	82.44 -0.15 -85.92	53.37 1.86 -11.22	33.83 0.69 -21.90	48.31 2.64 -0.83	27.12 1.60 -0.46	27.07 1.62 0.00	29.41 1.57 -5.22	34.39 1.20 -15.56	32.41 1.70 -7.40	38.79 1.26 -20.66	34.74 1.75 -7.35	39.03 0.66 -28.03	35.46 0.41 -27.64	36.46 1.41 -6.68	36.58 1.68 -1.79	28.95 1.50 -0.57	24.48 1.28 0.00	22.04 0.95 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.23 1.68 -0.19	27.29 1.32 -1.67	27.22 1.40 0.00	25.00 1.24 0.00	24.68 1.19 0.00	28.68 1.19 -1.22	82.44 -0.15 -85.92	53.37 1.86 -11.22	33.83 0.69 -21.90	48.31 2.64 -0.83	27.12 1.60 -0.46	27.07 1.62 0.00	29.41 1.57 -5.22	34.39 1.20 -15.56	32.41 1.70 -7.40	38.79 1.26 -20.66	34.74 1.75 -7.35	39.03 0.66 -28.03	35.46 0.41 -27.64	36.46 1.41 -6.68	36.58 1.68 -1.79	28.95 1.50 -0.57	24.48 1.28 0.00	22.04 0.95 0.00
HEMPSTEAD____ 23647	35.18 2.18 -0.64	27.66 1.67 -1.67	28.74 1.74 -1.18	26.82 1.56 -1.50	24.96 1.48 0.00	29.02 1.52 -1.22	82.44 -0.20 -85.96	53.69 2.17 -11.23	33.96 0.81 -21.91	48.71 3.03 -0.83	34.46 1.90 -7.50	28.43 1.90 -1.09	35.49 1.80 -11.07	56.75 1.39 -37.74	39.00 1.93 -13.75	72.50 1.43 -54.22	90.13 2.05 -62.45	72.58 0.80 -61.43	46.47 0.53 -38.54	38.73 1.87 -8.49	53.90 2.20 -18.59	45.82 1.91 -17.03	30.05 1.70 -5.15	22.40 1.31 0.00
HEWLETT__69_KV_BK3 55828	35.47 2.47 -0.64	27.88 1.90 -1.67	28.99 2.00 -1.18	27.05 1.79 -1.50	25.19 1.70 0.00	29.26 1.76 -1.22	82.42 -0.22 -85.96	53.99 2.47 -11.23	34.06 0.91 -21.91	49.06 3.38 -0.83	34.67 2.11 -7.50	28.66 2.13 -1.09	35.67 1.98 -11.07	56.90 1.53 -37.74	39.14 2.08 -13.75	72.63 1.55 -54.22	90.36 2.28 -62.45	72.67 0.90 -61.43	46.55 0.60 -38.54	38.99 2.13 -8.49	54.19 2.48 -18.59	46.02 2.12 -17.03	30.24 1.89 -5.15	22.63 1.53 0.00
HICKLING__1 23621	32.47 0.11 0.00	24.50 -0.03 -0.22	25.69 -0.13 0.00	23.61 -0.16 0.00	23.31 -0.18 0.00	26.40 -0.03 -0.16	7.82 0.00 -11.14	42.30 0.57 -1.45	14.24 0.19 -2.82	45.60 0.64 -0.11	25.27 0.15 -0.06	25.55 0.11 0.00	23.40 0.08 -0.70	19.82 0.09 -2.10	24.40 0.06 -1.02	19.68 0.09 -2.72	26.54 -0.05 -0.95	14.01 0.03 -3.64	11.00 0.01 -3.58	29.39 0.15 -0.87	33.53 0.19 -0.23	27.16 0.28 0.00	23.47 0.27 0.00	21.39 0.31 0.00
HICKLING__2 23622	32.47 0.11 0.00	24.50 -0.03 -0.22	25.69 -0.13 0.00	23.61 -0.16 0.00	23.31 -0.18 0.00	26.40 -0.03 -0.16	7.82 0.00 -11.14	42.30 0.57 -1.45	14.24 0.19 -2.82	45.60 0.64 -0.11	25.27 0.15 -0.06	25.55 0.11 0.00	23.40 0.08 -0.70	19.82 0.09 -2.10	24.40 0.06 -1.02	19.68 0.09 -2.72	26.54 -0.05 -0.95	14.01 0.03 -3.64	11.00 0.01 -3.58	29.39 0.15 -0.87	33.53 0.19 -0.23	27.16 0.28 0.00	23.47 0.27 0.00	21.39 0.31 0.00
HIGH FALLS__HY 23754	33.82 1.39 -0.07	27.02 1.08 -1.63	26.98 1.15 0.00	24.77 1.00 0.00	24.48 1.00 0.00	28.49 1.02 -1.19	80.37 -0.13 -83.82	52.98 1.74 -10.95	33.18 0.58 -21.36	47.87 2.22 -0.81	26.78 1.27 -0.45	26.65 1.21 0.00	28.81 1.15 -5.04	33.59 0.90 -15.06	31.76 1.30 -7.15	37.98 1.02 -20.09	34.30 1.49 -7.17	38.30 0.61 -27.35	34.79 0.42 -26.97	36.37 1.48 -6.52	36.53 1.68 -1.74	28.27 1.38 0.00	24.38 1.18 0.00	22.00 0.91 0.00
HILLBURN__GT 23639	33.76 1.24 -0.17	26.84 0.99 -1.53	26.93 1.11 0.00	24.72 0.94 0.00	24.44 0.96 0.00	28.36 0.96 -1.12	75.66 -0.12 -79.10	52.20 1.58 -10.33	31.95 0.55 -20.16	47.76 2.15 -0.77	26.77 1.29 -0.43	26.71 1.27 0.00	28.68 1.26 -4.81	32.92 0.98 -14.32	31.52 1.40 -6.81	36.96 1.08 -19.02	33.93 1.52 -6.77	36.74 0.58 -25.81	33.23 0.38 -25.45	35.76 1.24 -6.15	36.14 1.38 -1.64	27.49 1.19 0.58	24.23 1.02 0.00	21.87 0.78 0.00
HILLSIDE_115KV_TB1 80332	31.97 -0.39 0.00	24.16 -0.38 -0.22	25.38 -0.45 0.00	23.30 -0.47 0.00	23.03 -0.46 0.00	26.11 -0.33 -0.16	8.24 0.06 -11.50	41.72 -0.06 -1.49	14.16 0.02 -2.91	45.01 0.05 -0.12	24.90 -0.22 -0.06	25.18 -0.26 0.00	23.12 -0.22 -0.72	19.66 -0.13 -2.16	24.15 -0.22 -1.06	19.55 -0.12 -2.81	26.24 -0.39 -0.98	13.98 -0.12 -3.75	11.00 -0.11 -3.70	28.94 -0.32 -0.89	32.98 -0.37 -0.24	26.73 -0.16 0.00	23.08 -0.12 0.00	21.06 -0.03 0.00
HISHELDN_WT_PWR 323625	31.67 -0.69 0.00	23.86 -0.61 -0.16	25.08 -0.75 0.00	23.10 -0.67 0.00	22.79 -0.70 0.00	25.74 -0.65 -0.11	4.77 0.03 -8.06	41.08 -0.25 -1.05	13.20 -0.07 -2.03	44.22 -0.71 -0.08	24.62 -0.49 -0.05	24.96 -0.49 0.00	22.55 -0.57 -0.51	18.79 -0.35 -1.52	23.47 -0.57 -0.74	18.43 -0.41 -1.97	25.41 -0.91 -0.69	12.73 -0.24 -2.63	9.79 -0.21 -2.59	28.23 -0.76 -0.63	32.55 -0.73 -0.17	26.47 -0.41 0.00	23.10 -0.11 0.00	21.20 0.11 0.00
HOLTSVILLE_IC_1 23690	35.86 2.86 -0.64	28.21 2.23 -1.67	29.30 2.30 -1.18	27.37 2.10 -1.50	25.43 1.95 0.00	29.55 2.06 -1.22	82.37 -0.27 -85.96	54.39 2.87 -11.23	34.24 1.09 -21.91	49.64 3.96 -0.83	34.93 2.37 -7.50	28.88 2.35 -1.09	35.85 2.16 -11.07	57.02 1.65 -37.74	39.39 2.33 -13.75	72.78 1.70 -54.22	90.57 2.48 -62.45	72.75 0.98 -61.43	46.61 0.66 -38.54	39.30 2.44 -8.49	54.68 2.98 -18.59	46.44 2.53 -17.03	30.67 2.32 -5.15	22.92 1.83 0.00
HOLTSVILLE_IC_10 23699	36.14 3.14 -0.64	28.40 2.42 -1.67	29.47 2.47 -1.18	27.53 2.26 -1.50	25.58 2.09 0.00	29.72 2.23 -1.22	82.34 -0.30 -85.96	54.71 3.20 -11.23	34.34 1.19 -21.91	50.04 4.36 -0.83	35.14 2.58 -7.50	29.09 2.56 -1.09	36.04 2.35 -11.07	57.18 1.81 -37.74	39.62 2.56 -13.75	72.95 1.87 -54.22	90.82 2.74 -62.45	72.86 1.09 -61.43	46.68 0.74 -38.54	39.57 2.72 -8.49	55.01 3.30 -18.59	46.69 2.78 -17.03	30.88 2.53 -5.15	23.08 1.99 0.00

HOLTSVILLE_IC_2 23691	35.86 2.86 -0.64	28.21 2.23 -1.67	29.30 2.30 -1.18	27.37 2.10 -1.50	25.43 1.95 0.00	29.55 2.06 -1.22	82.37 -0.27 -85.96	54.39 2.87 -11.23	34.24 1.09 -21.91	49.64 3.96 -0.83	34.93 2.37 -7.50	28.88 2.35 -1.09	35.85 2.16 -11.07	57.02 1.65 -37.74	39.39 2.33 -13.75	72.78 1.70 -54.22	90.57 2.48 -62.45	72.75 0.98 -61.43	46.61 0.66 -38.54	39.30 2.44 -8.49	54.68 2.98 -18.59	46.44 2.53 -17.03	30.67 2.32 -5.15	22.92 1.83 0.00
HOLTSVILLE_IC_3 23692	35.86 2.86 -0.64	28.21 2.23 -1.67	29.30 2.30 -1.18	27.37 2.10 -1.50	25.43 1.95 0.00	29.55 2.06 -1.22	82.37 -0.27 -85.96	54.39 2.87 -11.23	34.24 1.09 -21.91	49.64 3.96 -0.83	34.93 2.37 -7.50	28.88 2.35 -1.09	35.85 2.16 -11.07	57.02 1.65 -37.74	39.39 2.33 -13.75	72.78 1.70 -54.22	90.57 2.48 -62.45	72.75 0.98 -61.43	46.61 0.66 -38.54	39.30 2.44 -8.49	54.68 2.98 -18.59	46.44 2.53 -17.03	30.67 2.32 -5.15	22.92 1.83 0.00
HOLTSVILLE_IC_4 23693	35.86 2.86 -0.64	28.21 2.23 -1.67	29.30 2.30 -1.18	27.37 2.10 -1.50	25.43 1.95 0.00	29.55 2.06 -1.22	82.37 -0.27 -85.96	54.39 2.87 -11.23	34.24 1.09 -21.91	49.64 3.96 -0.83	34.93 2.37 -7.50	28.88 2.35 -1.09	35.85 2.16 -11.07	57.02 1.65 -37.74	39.39 2.33 -13.75	72.78 1.70 -54.22	90.57 2.48 -62.45	72.75 0.98 -61.43	46.61 0.66 -38.54	39.30 2.44 -8.49	54.68 2.98 -18.59	46.44 2.53 -17.03	30.67 2.32 -5.15	22.92 1.83 0.00
HOLTSVILLE_IC_5 23694	35.86 2.86 -0.64	28.21 2.23 -1.67	29.30 2.30 -1.18	27.37 2.10 -1.50	25.43 1.95 0.00	29.55 2.06 -1.22	82.37 -0.27 -85.96	54.39 2.87 -11.23	34.24 1.09 -21.91	49.64 3.96 -0.83	34.93 2.37 -7.50	28.88 2.35 -1.09	35.85 2.16 -11.07	57.02 1.65 -37.74	39.39 2.33 -13.75	72.78 1.70 -54.22	90.57 2.48 -62.45	72.75 0.98 -61.43	46.61 0.66 -38.54	39.30 2.44 -8.49	54.68 2.98 -18.59	46.44 2.53 -17.03	30.67 2.32 -5.15	22.92 1.83 0.00
HOLTSVILLE_IC_6 23695	36.14 3.14 -0.64	28.40 2.42 -1.67	29.47 2.47 -1.18	27.53 2.26 -1.50	25.58 2.09 0.00	29.72 2.23 -1.22	82.34 -0.30 -85.96	54.71 3.20 -11.23	34.34 1.19 -21.91	50.04 4.36 -0.83	35.14 2.58 -7.50	29.09 2.56 -1.09	36.04 2.35 -11.07	57.18 1.81 -37.74	39.62 2.56 -13.75	72.95 1.87 -54.22	90.82 2.74 -62.45	72.86 1.09 -61.43	46.68 0.74 -38.54	39.57 2.72 -8.49	55.01 3.30 -18.59	46.69 2.78 -17.03	30.88 2.53 -5.15	23.08 1.99 0.00
HOLTSVILLE_IC_7 23696	36.14 3.14 -0.64	28.40 2.42 -1.67	29.47 2.47 -1.18	27.53 2.26 -1.50	25.58 2.09 0.00	29.72 2.23 -1.22	82.34 -0.30 -85.96	54.71 3.20 -11.23	34.34 1.19 -21.91	50.04 4.36 -0.83	35.14 2.58 -7.50	29.09 2.56 -1.09	36.04 2.35 -11.07	57.18 1.81 -37.74	39.62 2.56 -13.75	72.95 1.87 -54.22	90.82 2.74 -62.45	72.86 1.09 -61.43	46.68 0.74 -38.54	39.57 2.72 -8.49	55.01 3.30 -18.59	46.69 2.78 -17.03	30.88 2.53 -5.15	23.08 1.99 0.00
HOLTSVILLE_IC_8 23697	36.14 3.14 -0.64	28.40 2.42 -1.67	29.47 2.47 -1.18	27.53 2.26 -1.50	25.58 2.09 0.00	29.72 2.23 -1.22	82.34 -0.30 -85.96	54.71 3.20 -11.23	34.34 1.19 -21.91	50.04 4.36 -0.83	35.14 2.58 -7.50	29.09 2.56 -1.09	36.04 2.35 -11.07	57.18 1.81 -37.74	39.62 2.56 -13.75	72.95 1.87 -54.22	90.82 2.74 -62.45	72.86 1.09 -61.43	46.68 0.74 -38.54	39.57 2.72 -8.49	55.01 3.30 -18.59	46.69 2.78 -17.03	30.88 2.53 -5.15	23.08 1.99 0.00
HOLTSVILLE_IC_9 23698	36.14 3.14 -0.64	28.40 2.42 -1.67	29.47 2.47 -1.18	27.53 2.26 -1.50	25.58 2.09 0.00	29.72 2.23 -1.22	82.34 -0.30 -85.96	54.71 3.20 -11.23	34.34 1.19 -21.91	50.04 4.36 -0.83	35.14 2.58 -7.50	29.09 2.56 -1.09	36.04 2.35 -11.07	57.18 1.81 -37.74	39.62 2.56 -13.75	72.95 1.87 -54.22	90.82 2.74 -62.45	72.86 1.09 -61.43	46.68 0.74 -38.54	39.57 2.72 -8.49	55.01 3.30 -18.59	46.69 2.78 -17.03	30.88 2.53 -5.15	23.08 1.99 0.00
HOMER_HL_115KV_TB2 355744	32.03 -0.33 0.00	24.11 -0.36 -0.16	25.38 -0.44 0.00	23.35 -0.42 0.00	23.16 -0.33 0.00	26.23 -0.16 -0.12	4.92 0.00 -8.25	41.89 0.54 -1.07	13.48 0.17 -2.08	45.56 0.63 -0.08	25.08 -0.02 -0.05	25.31 -0.13 0.00	22.90 -0.23 -0.52	19.07 -0.11 -1.55	23.82 -0.24 -0.76	18.69 -0.19 -2.02	25.75 -0.59 -0.70	12.83 -0.20 -2.69	9.85 -0.21 -2.65	28.34 -0.67 -0.64	32.75 -0.53 -0.17	26.69 -0.19 0.00	23.31 0.11 0.00	21.32 0.24 0.00
HOWARD_WT_PWR 323690	32.41 0.05 0.00	24.43 -0.07 -0.18	25.60 -0.22 0.00	23.53 -0.24 0.00	23.24 -0.24 0.00	26.20 -0.21 -0.13	6.04 0.02 -9.34	41.78 0.27 -1.21	13.74 0.13 -2.36	45.08 0.14 -0.10	24.97 -0.14 -0.05	25.28 -0.16 0.00	22.96 -0.25 -0.59	19.24 -0.15 -1.77	23.85 -0.32 -0.86	19.01 -0.14 -2.29	26.02 -0.42 -0.80	13.31 -0.08 -3.05	10.37 -0.04 -3.01	29.09 -0.01 -0.73	33.22 -0.09 -0.19	26.99 0.10 0.00	23.51 0.31 0.00	21.50 0.41 0.00
HQ_GEN_CEDARS 23644	32.12 -0.24 0.00	24.10 -0.21 0.00	25.68 -0.15 0.00	23.68 -0.08 0.00	23.40 -0.09 0.00	26.13 -0.15 0.00	-3.29 0.03 0.00	39.81 -0.48 0.00	-191.45 -0.23 202.46	34.82 -0.59 9.44	20.98 -0.31 3.76	25.16 -0.28 0.00	22.33 -0.28 0.00	17.40 -0.23 0.00	23.02 -0.29 0.00	16.64 -0.23 0.00	25.42 -0.22 0.00	10.18 -0.16 0.00	7.31 -0.10 0.00	28.06 -0.31 0.00	32.76 -0.35 0.00	26.57 -0.31 0.00	22.90 -0.31 0.00	20.90 -0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	32.12 -0.24 0.00	24.10 -0.21 0.00	25.68 -0.14 0.00	23.68 -0.08 0.00	23.40 -0.09 0.00	26.12 -0.16 0.00	-3.28 0.04 0.00	39.82 -0.47 0.00	-191.45 -0.23 202.46	34.82 -0.59 9.44	20.98 -0.31 3.76	25.16 -0.28 0.00	22.33 -0.28 0.00	17.40 -0.23 0.00	23.02 -0.29 0.00	16.64 -0.23 0.00	25.41 -0.22 0.00	10.18 -0.16 0.00	7.31 -0.10 0.00	28.06 -0.31 0.00	32.76 -0.35 0.00	26.57 -0.31 0.00	22.89 -0.31 0.00	20.89 -0.19 0.01
HQ_GEN_IMPORT 323601	32.21 -0.15 0.00	24.17 -0.14 0.00	25.71 -0.11 0.00	23.70 -0.07 0.00	23.41 -0.08 0.00	26.49 -0.13 -0.34	-3.29 0.03 0.00	40.48 -0.42 -0.61	9.87 -0.15 1.22	44.39 -0.46 0.00	24.83 -0.22 0.00	25.23 -0.21 0.00	22.42 -0.19 0.00	17.48 -0.15 0.00	23.12 -0.19 0.00	16.71 -0.16 0.00	25.47 -0.17 0.00	10.22 -0.12 0.00	7.32 -0.08 0.00	28.08 -0.29 0.00	32.78 -0.33 0.00	26.61 -0.28 0.00	22.95 -0.25 0.00	20.94 -0.15 0.00
HQ_GEN_WHEEL 23651	32.21 -0.15 0.00	24.17 -0.14 0.00	25.71 -0.11 0.00	23.70 -0.07 0.00	23.41 -0.08 0.00	26.49 -0.13 -0.34	-3.29 0.03 0.00	40.48 -0.42 -0.61	9.87 -0.15 1.22	44.39 -0.46 0.00	24.83 -0.22 0.00	25.23 -0.21 0.00	22.42 -0.19 0.00	17.48 -0.15 0.00	23.12 -0.19 0.00	16.71 -0.16 0.00	25.47 -0.17 0.00	10.22 -0.12 0.00	7.32 -0.08 0.00	28.08 -0.29 0.00	32.78 -0.33 0.00	26.61 -0.28 0.00	22.95 -0.25 0.00	20.94 -0.15 0.00
HUDSON_AVE_GT_3 23810	34.27 1.73 -0.19	27.33 1.35 -1.67	27.25 1.42 0.00	25.03 1.27 0.00	24.70 1.22 0.00	28.71 1.22 -1.22	82.44 -0.16 -85.92	53.43 1.92 -11.22	33.83 0.69 -21.90	48.39 2.71 -0.83	27.16 1.64 -0.46	27.10 1.65 0.00	29.43 1.59 -5.22	34.41 1.22 -15.56	32.42 1.72 -7.40	38.81 1.28 -20.66	34.79 1.80 -7.35	39.06 0.68 -28.03	35.47 0.43 -27.64	36.53 1.48 -6.68	36.64 1.74 -1.78	29.00 1.55 -0.57	24.53 1.33 0.00	22.10 1.01 0.00

HUDSON AVE_GT_4 23540	34.27 1.73 -0.19	27.33 1.35 -1.67	27.25 1.42 0.00	25.03 1.27 0.00	24.70 1.22 0.00	28.71 1.22 -1.22	82.44 -0.16 -85.92	53.43 1.92 -11.22	33.83 0.69 -21.90	48.39 2.71 -0.83	27.16 1.64 -0.46	27.10 1.65 0.00	29.43 1.59 -5.22	34.41 1.22 -15.56	32.42 1.72 -7.40	38.81 1.28 -20.66	34.79 1.80 -7.35	39.06 0.68 -28.03	35.47 0.43 -27.64	36.53 1.48 -6.68	36.64 1.74 -1.78	29.00 1.55 -0.57	24.53 1.33 0.00	22.10 1.01 0.00
HUDSON AVE_GT_5 23657	34.27 1.73 -0.19	27.33 1.35 -1.67	27.25 1.42 0.00	25.03 1.27 0.00	24.70 1.22 0.00	28.71 1.22 -1.22	82.44 -0.16 -85.92	53.43 1.92 -11.22	33.83 0.69 -21.90	48.39 2.71 -0.83	27.16 1.64 -0.46	27.10 1.65 0.00	29.43 1.59 -5.22	34.41 1.22 -15.56	32.42 1.72 -7.40	38.81 1.28 -20.66	34.79 1.80 -7.35	39.06 0.68 -28.03	35.47 0.43 -27.64	36.53 1.48 -6.68	36.64 1.74 -1.78	29.00 1.55 -0.57	24.53 1.33 0.00	22.10 1.01 0.00
HUDSON_AVE_10 24168	34.09 1.55 -0.19	27.19 1.21 -1.67	27.10 1.28 0.00	24.90 1.13 0.00	24.58 1.09 0.00	28.57 1.07 -1.22	82.45 -0.14 -85.92	53.21 1.70 -11.22	33.77 0.63 -21.90	48.17 2.49 -0.83	27.01 1.49 -0.46	26.96 1.52 0.00	29.29 1.45 -5.22	34.30 1.11 -15.56	32.29 1.59 -7.40	38.72 1.19 -20.66	34.65 1.66 -7.35	39.01 0.63 -28.03	35.43 0.39 -27.64	36.39 1.34 -6.68	36.47 1.57 -1.78	28.86 1.41 -0.57	24.42 1.21 0.00	22.01 0.92 0.00
HUDSON___115KV_TB 4 355613	33.38 1.19 0.17	27.32 0.94 -2.07	26.81 0.99 0.00	24.66 0.89 0.00	24.37 0.88 0.00	28.84 1.05 -1.52	103.38 -0.14 -106.84	56.06 1.82 -13.95	38.95 0.48 -27.23	47.46 1.58 -1.04	26.39 0.76 -0.58	26.19 0.75 0.00	29.79 0.74 -6.43	37.57 0.57 -19.37	33.25 0.73 -9.21	43.11 0.54 -25.70	35.65 0.88 -9.14	45.59 0.39 -34.86	42.08 0.31 -34.37	37.85 1.17 -8.31	36.81 1.48 -2.22	28.15 1.10 -0.16	24.10 0.90 0.00	21.79 0.70 0.00
HUNTER MOUNT___DRP 323613	33.67 1.43 0.12	27.41 1.10 -2.00	26.96 1.14 0.00	24.81 1.04 0.00	24.51 1.03 0.00	28.99 1.25 -1.47	99.82 -0.16 -103.30	55.98 2.76 -13.49	38.12 0.55 -26.33	47.59 1.75 -1.00	26.44 0.82 -0.56	26.25 0.81 0.00	29.63 0.79 -6.22	36.96 0.63 -18.72	32.99 0.79 -8.89	42.27 0.56 -24.84	35.40 0.93 -8.84	44.48 0.44 -33.71	40.97 0.34 -33.23	37.69 1.29 -8.03	37.01 1.75 -2.15	28.34 1.31 -0.15	24.26 1.05 0.00	21.92 0.83 0.00
HUNTINGTON_RES_REC 323705	35.76 2.76 -0.64	28.11 2.13 -1.67	29.17 2.17 -1.18	27.27 2.00 -1.50	25.33 1.85 0.00	29.45 1.96 -1.22	82.38 -0.26 -85.96	54.28 2.76 -11.23	34.20 1.05 -21.91	49.55 3.87 -0.83	34.91 2.36 -7.50	28.87 2.34 -1.09	35.85 2.16 -11.07	57.03 1.66 -37.74	39.39 2.33 -13.75	72.80 1.72 -54.22	90.60 2.52 -62.45	72.77 1.00 -61.43	46.61 0.66 -38.54	39.28 2.42 -8.49	54.59 2.89 -18.59	46.33 2.42 -17.03	30.55 2.20 -5.15	22.80 1.71 0.00
HUNTLEY___63 23557	31.70 -0.66 0.00	23.86 -0.59 -0.14	25.13 -0.69 0.00	23.17 -0.60 0.00	22.87 -0.61 0.00	25.86 -0.51 -0.10	3.81 0.01 -7.12	41.22 0.01 -0.93	12.99 -0.04 -1.80	44.20 -0.72 -0.07	24.70 -0.39 -0.04	25.07 -0.37 0.00	22.56 -0.50 -0.45	18.71 -0.26 -1.34	23.46 -0.50 -0.65	18.23 -0.38 -1.74	25.32 -0.93 -0.61	12.44 -0.23 -2.32	9.51 -0.19 -2.29	28.15 -0.78 -0.55	32.55 -0.71 -0.15	26.52 -0.36 0.00	23.24 0.03 0.00	21.35 0.26 0.00
HUNTLEY___64 23558	31.70 -0.66 0.00	23.86 -0.59 -0.14	25.13 -0.69 0.00	23.17 -0.60 0.00	22.87 -0.61 0.00	25.86 -0.51 -0.10	3.81 0.01 -7.12	41.22 0.01 -0.93	12.99 -0.04 -1.80	44.20 -0.72 -0.07	24.70 -0.39 -0.04	25.07 -0.37 0.00	22.56 -0.50 -0.45	18.71 -0.26 -1.34	23.46 -0.50 -0.65	18.23 -0.38 -1.74	25.32 -0.93 -0.61	12.44 -0.23 -2.32	9.51 -0.19 -2.29	28.15 -0.78 -0.55	32.55 -0.71 -0.15	26.52 -0.36 0.00	23.24 0.03 0.00	21.35 0.26 0.00
HUNTLEY___65 23559	31.70 -0.66 0.00	23.86 -0.59 -0.14	25.13 -0.69 0.00	23.17 -0.60 0.00	22.87 -0.61 0.00	25.86 -0.51 -0.10	3.81 0.01 -7.12	41.22 0.01 -0.93	12.99 -0.04 -1.80	44.20 -0.72 -0.07	24.70 -0.39 -0.04	25.07 -0.37 0.00	22.56 -0.50 -0.45	18.71 -0.26 -1.34	23.46 -0.50 -0.65	18.23 -0.38 -1.74	25.32 -0.93 -0.61	12.44 -0.23 -2.32	9.51 -0.19 -2.29	28.15 -0.78 -0.55	32.55 -0.71 -0.15	26.52 -0.36 0.00	23.24 0.03 0.00	21.35 0.26 0.00
HUNTLEY___66 23560	31.70 -0.66 0.00	23.86 -0.59 -0.14	25.13 -0.69 0.00	23.17 -0.60 0.00	22.87 -0.61 0.00	25.86 -0.51 -0.10	3.81 0.01 -7.12	41.22 0.01 -0.93	12.99 -0.04 -1.80	44.20 -0.72 -0.07	24.70 -0.39 -0.04	25.07 -0.37 0.00	22.56 -0.50 -0.45	18.71 -0.26 -1.34	23.46 -0.50 -0.65	18.23 -0.38 -1.74	25.32 -0.93 -0.61	12.44 -0.23 -2.32	9.51 -0.19 -2.29	28.15 -0.78 -0.55	32.55 -0.71 -0.15	26.52 -0.36 0.00	23.24 0.03 0.00	21.35 0.26 0.00
HUNTLEY___67 23561	31.42 -0.94 0.00	23.64 -0.81 -0.14	24.89 -0.93 0.00	22.96 -0.81 0.00	22.66 -0.82 0.00	25.61 -0.77 -0.10	3.97 0.04 -7.25	40.80 -0.43 -0.94	12.91 -0.16 -1.83	43.82 -1.10 -0.07	24.44 -0.66 -0.04	24.81 -0.63 0.00	22.35 -0.72 -0.45	18.55 -0.44 -1.36	23.24 -0.73 -0.66	18.10 -0.54 -1.77	25.09 -1.17 -0.62	12.39 -0.31 -2.36	9.47 -0.27 -2.33	27.85 -1.08 -0.56	32.22 -1.04 -0.15	26.26 -0.62 0.00	23.00 -0.20 0.00	21.12 0.03 0.00
HUNTLEY___68 23562	31.42 -0.94 0.00	23.64 -0.81 -0.14	24.89 -0.93 0.00	22.96 -0.81 0.00	22.66 -0.82 0.00	25.61 -0.77 -0.10	3.97 0.04 -7.25	40.80 -0.43 -0.94	12.91 -0.16 -1.83	43.82 -1.10 -0.07	24.44 -0.66 -0.04	24.81 -0.63 0.00	22.35 -0.72 -0.45	18.55 -0.44 -1.36	23.24 -0.73 -0.66	18.10 -0.54 -1.77	25.09 -1.17 -0.62	12.39 -0.31 -2.36	9.47 -0.27 -2.33	27.85 -1.08 -0.56	32.22 -1.04 -0.15	26.26 -0.62 0.00	23.00 -0.20 0.00	21.12 0.03 0.00
HYLAND___LFGE 323620	33.36 1.00 0.00	25.04 0.58 -0.15	26.22 0.39 0.00	24.16 0.39 0.00	23.84 0.36 0.00	27.00 0.62 -0.11	4.44 -0.14 -7.90	43.32 2.01 -1.03	13.71 0.47 -2.00	45.50 0.57 -0.08	25.21 0.10 -0.04	25.66 0.22 0.00	23.19 0.07 -0.50	19.14 0.02 -1.49	23.94 -0.09 -0.73	18.77 -0.03 -1.93	26.10 -0.21 -0.68	12.92 0.00 -2.58	10.10 0.15 -2.54	30.02 1.03 -0.61	34.70 1.43 -0.16	28.12 1.24 0.00	24.40 1.19 0.00	22.17 1.08 0.00
INDECK___CORINTH 23802	34.04 1.93 0.25	28.02 1.54 -2.17	27.48 1.66 0.00	25.33 1.56 0.00	25.03 1.55 0.00	29.70 1.84 -1.59	108.46 -0.26 -112.04	58.10 3.17 -14.63	40.66 0.86 -28.56	49.00 3.07 -1.09	27.34 1.67 -0.61	27.04 1.60 0.00	30.76 1.40 -6.74	39.11 1.15 -20.33	34.40 1.42 -9.66	44.95 1.12 -26.97	37.03 1.81 -9.58	47.69 0.79 -36.56	44.04 0.59 -36.04	39.34 2.25 -8.71	37.95 2.51 -2.33	28.85 1.79 -0.18	24.68 1.48 0.00	22.32 1.23 0.00
INDECK___ILION 23567	32.45 0.10 0.00	24.45 0.13 0.00	25.99 0.17 0.00	23.87 0.10 0.00	23.62 0.13 0.00	26.48 0.20 0.00	-3.35 -0.02 0.00	40.51 0.22 0.00	11.29 0.06 0.00	44.97 0.12 0.00	25.06 0.01 0.00	25.48 0.04 0.00	22.62 0.01 0.00	17.63 0.00 0.00	23.29 -0.02 0.00	16.81 -0.06 0.00	25.54 -0.10 0.00	10.37 0.03 0.00	7.42 0.02 0.00	28.54 0.17 0.00	33.29 0.17 0.00	26.99 0.10 0.00	23.27 0.07 0.00	21.09 0.00 0.00

INDECK___OLEAN 23982	32.03 -0.33 0.00	24.11 -0.36 -0.16	25.39 -0.44 0.00	23.35 -0.42 0.00	23.15 -0.34 0.00	26.20 -0.19 -0.12	4.92 -0.01 -8.25	41.87 0.51 -1.07	13.48 0.17 -2.08	45.56 0.63 -0.08	25.08 -0.02 -0.05	25.31 -0.13 0.00	22.90 -0.23 -0.52	19.07 -0.10 -1.55	23.82 -0.25 -0.76	18.69 -0.19 -2.02	25.76 -0.58 -0.70	12.83 -0.21 -2.69	9.85 -0.21 -2.65	28.34 -0.68 -0.64	32.75 -0.53 -0.17	26.67 -0.22 0.00	23.29 0.08 0.00	21.33 0.24 0.00
INDECK___OSWEGO 23783	32.63 0.27 0.00	24.58 0.19 -0.08	25.98 0.16 0.00	23.89 0.12 0.00	23.64 0.15 0.00	26.59 0.25 -0.06	0.97 -0.05 -4.35	41.63 0.77 -0.57	12.51 0.17 -1.10	45.32 0.43 -0.04	25.32 0.24 -0.03	25.66 0.21 0.00	23.03 0.14 -0.27	18.50 0.05 -0.83	23.74 0.03 -0.40	17.97 0.03 -1.07	26.08 0.07 -0.37	11.89 0.13 -1.42	8.93 0.13 -1.40	29.26 0.56 -0.34	33.90 0.69 -0.09	27.40 0.52 0.00	23.64 0.44 0.00	21.48 0.40 0.00
INDECK___YERKES 23781	31.74 -0.62 0.00	23.89 -0.55 -0.14	25.17 -0.66 0.00	23.19 -0.57 0.00	22.90 -0.59 0.00	25.87 -0.50 -0.10	3.80 0.00 -7.12	41.25 0.03 -0.93	13.01 -0.02 -1.80	44.25 -0.67 -0.07	24.74 -0.36 -0.04	25.10 -0.34 0.00	22.60 -0.47 -0.45	18.74 -0.22 -1.34	23.51 -0.45 -0.65	18.26 -0.35 -1.74	25.38 -0.87 -0.61	12.45 -0.21 -2.32	9.52 -0.18 -2.29	28.18 -0.74 -0.55	32.60 -0.67 -0.15	26.54 -0.34 0.00	23.23 0.03 0.00	21.39 0.30 0.00
INDIAN POINT_GT_1 24139	33.93 1.38 -0.18	27.04 1.09 -1.64	26.98 1.15 0.00	24.78 1.01 0.00	24.47 0.99 0.00	28.49 1.02 -1.20	80.97 -0.13 -84.43	52.99 1.67 -11.03	33.35 0.59 -21.52	47.96 2.30 -0.82	26.88 1.37 -0.46	26.79 1.35 0.00	29.07 1.32 -5.13	33.94 1.02 -15.29	32.02 1.45 -7.27	38.26 1.09 -20.30	34.42 1.56 -7.22	38.50 0.61 -27.55	34.95 0.39 -27.16	36.28 1.34 -6.57	36.38 1.51 -1.75	28.84 1.31 -0.65	24.32 1.12 0.00	21.92 0.83 0.00
INDIAN POINT_GT_2 23659	33.93 1.38 -0.18	27.04 1.09 -1.64	26.98 1.15 0.00	24.78 1.01 0.00	24.47 0.99 0.00	28.49 1.02 -1.20	80.97 -0.13 -84.43	52.99 1.67 -11.03	33.35 0.59 -21.52	47.96 2.30 -0.82	26.88 1.37 -0.46	26.79 1.35 0.00	29.07 1.32 -5.13	33.94 1.02 -15.29	32.02 1.45 -7.27	38.26 1.09 -20.30	34.42 1.56 -7.22	38.50 0.61 -27.55	34.95 0.39 -27.16	36.28 1.34 -6.57	36.38 1.51 -1.75	28.84 1.31 -0.65	24.32 1.12 0.00	21.92 0.83 0.00
INDIAN POINT_GT_3 24019	33.93 1.38 -0.18	27.04 1.09 -1.64	26.98 1.15 0.00	24.78 1.01 0.00	24.47 0.99 0.00	28.49 1.02 -1.20	80.97 -0.13 -84.43	52.99 1.67 -11.03	33.35 0.59 -21.52	47.96 2.30 -0.82	26.88 1.37 -0.46	26.79 1.35 0.00	29.07 1.32 -5.13	33.94 1.02 -15.29	32.02 1.45 -7.27	38.26 1.09 -20.30	34.42 1.56 -7.22	38.50 0.61 -27.55	34.95 0.39 -27.16	36.28 1.34 -6.57	36.38 1.51 -1.75	28.84 1.31 -0.65	24.32 1.12 0.00	21.92 0.83 0.00
INDIAN POINT___2 23530	33.88 1.34 -0.18	26.97 1.06 -1.60	26.94 1.12 0.00	24.75 0.98 0.00	24.45 0.96 0.00	28.43 0.98 -1.17	79.06 -0.13 -82.52	52.71 1.64 -10.78	32.85 0.57 -21.03	47.88 2.23 -0.80	26.84 1.34 -0.45	26.76 1.32 0.00	28.93 1.30 -5.01	33.57 1.00 -14.94	31.84 1.43 -7.10	37.79 1.08 -19.84	34.23 1.53 -7.06	37.86 0.60 -26.92	34.33 0.38 -26.55	36.09 1.30 -6.42	36.30 1.47 -1.71	29.01 1.28 -0.85	24.30 1.09 0.00	21.90 0.81 0.00
INDIAN POINT___3 23531	33.90 1.36 -0.18	27.02 1.07 -1.64	26.95 1.13 0.00	24.76 0.99 0.00	24.46 0.97 0.00	28.47 0.99 -1.20	81.04 -0.14 -84.50	52.97 1.64 -11.04	33.36 0.58 -21.54	47.92 2.26 -0.82	26.86 1.34 -0.46	26.77 1.32 0.00	29.05 1.30 -5.14	33.93 1.00 -15.30	32.00 1.42 -7.27	38.26 1.07 -20.32	34.40 1.53 -7.23	38.51 0.60 -27.57	34.97 0.38 -27.18	36.26 1.32 -6.57	36.35 1.49 -1.76	28.83 1.28 -0.67	24.30 1.09 0.00	21.90 0.82 0.00
INGHAM_C_115KV_TB7 356103	32.27 -0.09 0.00	24.40 0.09 0.00	25.99 0.17 0.00	23.80 0.03 0.00	23.59 0.11 0.00	26.50 0.23 0.00	-3.35 -0.03 0.00	40.34 0.05 0.00	11.22 -0.02 0.00	44.60 -0.24 0.00	24.78 -0.28 0.00	25.24 -0.20 0.00	22.40 -0.22 0.00	17.45 -0.18 0.00	23.02 -0.29 0.00	16.55 -0.32 0.00	25.12 -0.52 0.00	10.28 -0.06 0.00	7.35 -0.06 0.00	28.39 0.02 0.00	33.13 0.01 0.00	26.77 -0.11 0.00	23.08 -0.12 0.00	20.88 -0.20 0.00
IP CORINTH___1 23988	34.06 1.96 0.25	28.02 1.54 -2.17	27.49 1.67 0.00	25.33 1.56 0.00	25.03 1.55 0.00	29.69 1.82 -1.59	108.46 -0.26 -112.04	58.08 3.16 -14.63	40.66 0.86 -28.56	49.00 3.06 -1.09	27.34 1.67 -0.61	27.04 1.60 0.00	30.76 1.40 -6.74	39.11 1.15 -20.33	34.40 1.42 -9.66	44.95 1.12 -26.97	37.03 1.81 -9.58	47.69 0.79 -36.56	44.04 0.59 -36.04	39.34 2.25 -8.71	37.95 2.51 -2.33	28.85 1.79 -0.18	24.67 1.47 0.00	22.32 1.23 0.00
IP___TICONDEROGA 23804	34.87 2.78 0.26	28.63 2.14 -2.17	28.18 2.35 0.00	25.96 2.20 0.00	25.70 2.21 0.00	30.55 2.69 -1.59	108.25 -0.40 -111.97	59.62 4.70 -14.62	41.03 1.25 -28.54	50.33 4.39 -1.09	28.27 2.61 -0.61	28.02 2.58 0.00	31.67 2.32 -6.74	39.86 1.92 -20.32	35.60 2.63 -9.66	45.88 2.07 -26.95	38.66 3.44 -9.58	48.37 1.49 -36.53	44.44 1.01 -36.02	40.97 3.90 -8.71	39.76 4.32 -2.33	29.95 2.89 -0.18	25.54 2.33 0.00	23.22 2.13 0.00
ISLIP_RES_REC 323679	36.32 3.32 -0.64	28.53 2.55 -1.67	29.61 2.61 -1.18	27.65 2.38 -1.50	25.69 2.21 0.00	29.87 2.37 -1.22	82.33 -0.31 -85.96	54.95 3.43 -11.23	34.42 1.27 -21.91	50.36 4.68 -0.83	35.31 2.75 -7.50	29.27 2.74 -1.09	36.21 2.52 -11.07	57.31 1.94 -37.74	39.80 2.74 -13.75	73.09 2.01 -54.22	91.04 2.96 -62.45	72.95 1.18 -61.43	46.74 0.80 -38.54	39.80 2.95 -8.49	55.27 3.56 -18.59	46.90 2.99 -17.03	31.04 2.69 -5.15	23.20 2.11 0.00
JAMAICA__27_KV_LOAD 355505	34.29 1.75 -0.19	27.35 1.37 -1.67	27.24 1.41 0.00	25.02 1.25 0.00	24.70 1.22 0.00	28.69 1.19 -1.22	82.44 -0.15 -85.92	53.48 1.97 -11.22	33.84 0.70 -21.90	48.51 2.83 -0.83	27.13 1.60 -0.46	27.09 1.65 0.00	29.38 1.54 -5.22	34.37 1.18 -15.56	32.39 1.68 -7.40	38.80 1.27 -20.66	34.79 1.80 -7.35	39.06 0.69 -28.03	35.48 0.44 -27.64	36.58 1.53 -6.68	36.71 1.81 -1.78	29.04 1.59 -0.57	24.60 1.39 0.00	22.18 1.10 0.00
JANIS___SOLAR 323808	33.41 1.06 0.00	25.29 0.74 -0.24	26.56 0.74 0.00	24.42 0.65 0.00	24.16 0.68 0.00	27.37 0.92 -0.17	8.88 -0.09 -12.29	44.32 2.33 -1.70	15.12 0.55 -3.32	46.81 1.80 -0.17	25.79 0.64 -0.09	26.11 0.67 0.00	24.21 0.56 -1.04	21.09 0.36 -3.10	24.93 0.29 -1.33	20.55 0.26 -3.43	27.12 0.43 -1.05	14.64 0.29 -4.01	11.67 0.31 -3.95	30.62 1.29 -0.96	34.89 1.53 -0.26	28.07 1.19 0.00	24.17 0.97 0.00	21.91 0.82 0.00
JARVIS____ 23743	32.45 0.10 0.00	24.40 0.09 0.00	25.92 0.10 0.00	23.83 0.06 0.00	23.56 0.07 0.00	26.36 0.09 0.00	-3.33 -0.01 0.00	40.45 0.16 0.00	11.30 0.06 0.00	45.03 0.18 0.00	25.14 0.09 0.00	25.52 0.08 0.00	22.68 0.07 0.00	17.67 0.04 0.00	23.37 0.06 0.00	16.90 0.04 0.00	25.71 0.07 0.00	10.38 0.04 0.00	7.43 0.03 0.00	28.48 0.11 0.00	33.25 0.13 0.00	27.00 0.11 0.00	23.30 0.09 0.00	21.15 0.06 0.00

JENNISON___1 23625	33.56 1.20 0.00	25.47 0.85 -0.31	26.62 0.80 0.00	24.46 0.69 0.00	24.19 0.70 0.00	27.47 0.96 -0.23	12.67 0.00 -15.98	46.18 3.58 -2.32	16.73 0.97 -4.52	48.57 3.47 -0.26	26.67 1.47 -0.14	26.86 1.41 0.00	25.54 1.31 -1.61	23.34 0.92 -4.79	25.97 0.73 -1.93	22.45 0.71 -4.87	27.82 0.81 -1.37	15.98 0.43 -5.22	12.87 0.33 -5.14	30.90 1.29 -1.24	34.97 1.53 -0.33	28.11 1.23 0.00	24.19 0.99 0.00	21.87 0.78 0.00
JENNISON___2 23626	33.56 1.20 0.00	25.47 0.85 -0.31	26.62 0.80 0.00	24.46 0.69 0.00	24.19 0.70 0.00	27.47 0.96 -0.23	12.67 0.00 -15.98	46.18 3.58 -2.32	16.73 0.97 -4.52	48.57 3.47 -0.26	26.67 1.47 -0.14	26.86 1.41 0.00	25.54 1.31 -1.61	23.34 0.92 -4.79	25.97 0.73 -1.93	22.45 0.71 -4.87	27.82 0.81 -1.37	15.98 0.43 -5.22	12.87 0.33 -5.14	30.90 1.29 -1.24	34.97 1.53 -0.33	28.11 1.23 0.00	24.19 0.99 0.00	21.87 0.78 0.00
JERICHO_RISE_WT_PWR 323719	32.30 -0.06 0.00	24.11 -0.20 0.00	25.75 -0.07 0.00	23.82 0.06 0.00	23.46 -0.03 0.00	25.98 -0.30 0.00	-3.36 -0.04 0.00	39.44 -0.85 0.00	-191.42 -0.20 202.46	34.65 -0.76 9.44	20.52 -0.78 3.76	24.83 -0.61 0.00	22.18 -0.43 0.00	17.33 -0.30 0.00	23.05 -0.26 0.00	16.59 -0.27 0.00	25.30 -0.34 0.00	10.08 -0.26 0.00	7.32 -0.09 0.00	28.20 -0.17 0.00	33.03 -0.09 0.00	26.83 -0.06 0.00	23.13 -0.08 0.00	21.17 0.08 0.00
KATONAH___115KV_46KV_TB4 355592	34.14 1.60 -0.18	27.26 1.25 -1.70	27.14 1.31 0.00	24.93 1.16 0.00	24.62 1.13 0.00	28.70 1.17 -1.25	84.30 -0.16 -87.77	53.70 1.95 -11.46	34.28 0.67 -22.37	48.30 2.60 -0.85	27.07 1.54 -0.48	26.97 1.53 0.00	29.42 1.47 -5.34	34.67 1.14 -15.90	32.46 1.59 -7.56	39.18 1.20 -21.11	34.89 1.74 -7.51	39.67 0.68 -28.64	36.09 0.45 -28.23	36.77 1.57 -6.83	36.74 1.81 -1.82	28.77 1.51 -0.38	24.48 1.27 0.00	22.06 0.97 0.00
KCE_NY_1 323755	33.78 1.69 0.26	27.80 1.32 -2.17	27.20 1.38 0.00	25.04 1.27 0.00	24.75 1.26 0.00	29.36 1.50 -1.59	108.33 -0.21 -111.86	57.44 2.54 -14.61	40.46 0.71 -28.51	48.54 2.61 -1.09	27.05 1.39 -0.61	26.80 1.36 0.00	30.59 1.25 -6.73	38.91 0.99 -20.30	34.23 1.27 -9.65	44.72 0.93 -26.92	36.70 1.50 -9.57	47.50 0.66 -36.50	43.87 0.48 -35.98	38.92 1.85 -8.70	37.53 2.09 -2.32	28.57 1.51 -0.18	24.46 1.26 0.00	22.12 1.03 0.00
KCE_NY_6_ESR 323823	31.79 -0.57 0.00	23.91 -0.54 -0.14	25.17 -0.65 0.00	23.19 -0.58 0.00	22.89 -0.60 0.00	25.86 -0.52 -0.11	4.18 0.01 -7.49	41.27 0.01 -0.97	13.12 -0.01 -1.89	44.46 -0.46 -0.08	24.76 -0.34 -0.04	25.14 -0.30 0.00	22.66 -0.42 -0.47	18.83 -0.21 -1.41	23.59 -0.41 -0.69	18.39 -0.30 -1.83	25.48 -0.80 -0.64	12.61 -0.18 -2.45	9.64 -0.17 -2.41	28.26 -0.69 -0.58	32.68 -0.59 -0.15	26.59 -0.29 0.00	23.24 0.04 0.00	21.33 0.25 0.00
KEDC_PORT_JEFF_GT2 24210	35.99 2.99 -0.64	28.31 2.33 -1.67	29.40 2.40 -1.18	27.45 2.18 -1.50	25.52 2.03 0.00	29.65 2.15 -1.22	82.36 -0.28 -85.96	54.52 3.00 -11.23	34.29 1.14 -21.91	49.82 4.15 -0.83	35.04 2.49 -7.50	29.00 2.47 -1.09	35.95 2.26 -11.07	57.08 1.71 -37.74	39.48 2.42 -13.75	72.84 1.76 -54.22	90.59 2.50 -62.45	72.74 0.97 -61.43	46.59 0.65 -38.54	39.21 2.36 -8.49	54.72 3.02 -18.59	46.52 2.61 -17.03	30.78 2.43 -5.15	23.01 1.92 0.00
KEDC_PORT_JEFF_GT3 24211	35.99 2.99 -0.64	28.31 2.33 -1.67	29.40 2.40 -1.18	27.45 2.18 -1.50	25.52 2.03 0.00	29.65 2.15 -1.22	82.36 -0.28 -85.96	54.52 3.00 -11.23	34.29 1.14 -21.91	49.82 4.15 -0.83	35.04 2.49 -7.50	29.00 2.47 -1.09	35.95 2.26 -11.07	57.08 1.71 -37.74	39.48 2.42 -13.75	72.84 1.76 -54.22	90.59 2.50 -62.45	72.74 0.97 -61.43	46.59 0.65 -38.54	39.21 2.36 -8.49	54.72 3.02 -18.59	46.52 2.61 -17.03	30.78 2.43 -5.15	23.01 1.92 0.00
KEDC_GLWD_GT4 24219	35.08 2.08 -0.64	27.58 1.60 -1.67	28.68 1.68 -1.18	26.77 1.50 -1.50	24.92 1.44 0.00	28.98 1.48 -1.22	82.44 -0.19 -85.96	53.73 2.22 -11.23	33.92 0.76 -21.91	48.59 2.91 -0.83	34.47 1.91 -7.50	28.44 1.91 -1.09	35.50 1.81 -11.07	56.77 1.40 -37.74	39.02 1.96 -13.75	72.51 1.43 -54.22	90.02 1.94 -62.45	72.53 0.76 -61.43	46.44 0.49 -38.54	38.57 1.71 -8.49	53.71 2.00 -18.59	45.78 1.87 -17.03	29.97 1.62 -5.15	22.36 1.27 0.00
KEDC_GLWD_GT5 24220	35.08 2.08 -0.64	27.58 1.60 -1.67	28.68 1.68 -1.18	26.77 1.50 -1.50	24.92 1.44 0.00	28.98 1.48 -1.22	82.44 -0.19 -85.96	53.73 2.22 -11.23	33.92 0.76 -21.91	48.59 2.91 -0.83	34.47 1.91 -7.50	28.44 1.91 -1.09	35.50 1.81 -11.07	56.77 1.40 -37.74	39.02 1.96 -13.75	72.51 1.43 -54.22	90.02 1.94 -62.45	72.53 0.76 -61.43	46.44 0.49 -38.54	38.57 1.71 -8.49	53.71 2.00 -18.59	45.78 1.87 -17.03	29.97 1.62 -5.15	22.36 1.27 0.00
KENSICO____ 23655	34.05 1.51 -0.19	27.16 1.19 -1.66	27.07 1.25 0.00	24.87 1.10 0.00	24.56 1.07 0.00	28.59 1.10 -1.22	82.14 -0.15 -85.60	53.25 1.78 -11.18	33.69 0.63 -21.82	48.12 2.45 -0.83	26.99 1.47 -0.46	26.89 1.46 0.00	29.23 1.41 -5.20	34.22 1.09 -15.51	32.21 1.53 -7.37	38.61 1.15 -20.59	34.60 1.64 -7.32	38.91 0.64 -27.93	35.35 0.41 -27.54	36.45 1.42 -6.66	36.52 1.63 -1.78	28.88 1.40 -0.60	24.40 1.19 0.00	21.99 0.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.88 1.43 -0.09	26.91 1.11 -1.49	27.02 1.20 0.00	24.81 1.04 0.00	24.52 1.04 0.00	28.45 1.09 -1.09	73.22 -0.14 -76.68	52.15 1.84 -10.02	31.38 0.60 -19.55	47.85 2.27 -0.73	26.76 1.29 -0.41	26.67 1.23 0.00	28.37 1.18 -4.58	32.22 0.92 -13.67	31.12 1.33 -6.48	36.21 1.03 -18.32	33.70 1.50 -6.56	35.97 0.61 -25.02	32.50 0.43 -24.67	35.85 1.52 -5.96	36.45 1.75 -1.59	28.31 1.43 0.00	24.42 1.21 0.00	22.03 0.94 0.00
KIAC_JFK_GT1 23816	34.08 1.54 -0.19	27.19 1.21 -1.67	27.06 1.24 0.00	24.87 1.10 0.00	24.54 1.06 0.00	28.48 0.99 -1.22	82.47 -0.12 -85.92	53.07 1.56 -11.22	33.73 0.59 -21.90	48.09 2.41 -0.83	26.89 1.36 -0.46	26.85 1.41 0.00	29.17 1.34 -5.22	34.22 1.03 -15.56	32.19 1.48 -7.40	38.65 1.12 -20.66	34.55 1.56 -7.35	38.96 0.59 -28.03	35.41 0.37 -27.64	36.32 1.27 -6.68	36.39 1.49 -1.78	28.79 1.34 -0.57	24.38 1.18 0.00	22.05 0.96 0.00
KIAC_JFK_GT2 23817	34.08 1.54 -0.19	27.19 1.21 -1.67	27.06 1.24 0.00	24.87 1.10 0.00	24.54 1.06 0.00	28.48 0.99 -1.22	82.47 -0.12 -85.92	53.07 1.56 -11.22	33.73 0.59 -21.90	48.09 2.41 -0.83	26.89 1.36 -0.46	26.85 1.41 0.00	29.17 1.34 -5.22	34.22 1.03 -15.56	32.19 1.48 -7.40	38.65 1.12 -20.66	34.55 1.56 -7.35	38.96 0.59 -28.03	35.41 0.37 -27.64	36.32 1.27 -6.68	36.39 1.49 -1.78	28.79 1.34 -0.57	24.38 1.18 0.00	22.05 0.96 0.00
KIAC_JFK____ 323774	34.08 1.54 -0.19	27.18 1.20 -1.67	27.06 1.23 0.00	24.87 1.10 0.00	24.55 1.06 0.00	28.50 1.00 -1.22	82.47 -0.12 -85.92	53.09 1.58 -11.22	33.73 0.59 -21.90	48.08 2.40 -0.83	26.88 1.36 -0.46	26.85 1.41 0.00	29.17 1.34 -5.22	34.22 1.03 -15.56	32.19 1.48 -7.40	38.65 1.12 -20.66	34.55 1.56 -7.35	38.96 0.59 -28.03	35.41 0.37 -27.64	36.32 1.27 -6.68	36.39 1.49 -1.78	28.79 1.35 -0.57	24.39 1.19 0.00	22.05 0.96 0.00

KINTIGH____ 23543	31.44 -0.92 0.00	23.66 -0.78 -0.12	24.94 -0.88 0.00	23.00 -0.77 0.00	22.72 -0.76 0.00	25.65 -0.72 -0.09	3.11 0.03 -6.40	40.67 -0.45 -0.83	12.71 -0.15 -1.62	43.89 -1.02 -0.06	24.47 -0.63 -0.04	24.84 -0.61 0.00	22.34 -0.67 -0.40	18.41 -0.43 -1.20	23.19 -0.70 -0.59	17.93 -0.50 -1.57	25.10 -1.09 -0.55	12.14 -0.28 -2.09	9.23 -0.24 -2.06	27.89 -0.98 -0.50	32.27 -0.97 -0.13	26.28 -0.60 0.00	22.98 -0.22 0.00	21.06 -0.03 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.77 0.41 0.00	24.45 0.14 0.00	26.08 0.26 0.00	24.09 0.32 0.00	23.72 0.24 0.00	26.25 -0.03 0.00	-3.42 -0.09 0.00	39.88 -0.41 0.00	-191.30 -0.09 202.46	35.27 -0.13 9.44	20.77 -0.52 3.76	25.05 -0.39 0.00	22.39 -0.23 0.00	17.52 -0.11 0.00	23.30 -0.01 0.00	16.78 -0.08 0.00	25.58 -0.06 0.00	10.22 -0.13 0.00	7.44 0.03 0.00	28.66 0.29 0.00	33.58 0.46 0.00	27.25 0.36 0.00	23.45 0.24 0.00	21.49 0.41 0.00
LACHUTE__HYDRO 323717	34.87 2.77 0.26	28.63 2.14 -2.17	28.17 2.35 0.00	25.96 2.20 0.00	25.70 2.21 0.00	30.56 2.69 -1.59	108.25 -0.40 -111.97	59.62 4.71 -14.62	41.03 1.25 -28.54	50.33 4.40 -1.09	28.27 2.61 -0.61	28.02 2.58 0.00	31.68 2.32 -6.74	39.86 1.92 -20.32	35.60 2.63 -9.66	45.88 2.07 -26.95	38.66 3.44 -9.58	48.37 1.49 -36.53	44.44 1.01 -36.02	40.97 3.90 -8.71	39.76 4.32 -2.33	29.96 2.90 -0.18	25.55 2.34 0.00	23.22 2.13 0.00
LAWRNCV_115KV_TB1 80681	31.73 -0.63 0.00	23.80 -0.51 0.00	25.36 -0.46 0.00	23.40 -0.37 0.00	23.13 -0.35 0.00	25.84 -0.44 0.00	-3.25 0.07 0.00	39.40 -0.89 0.00	10.88 -0.36 0.00	43.73 -1.12 0.00	24.44 -0.62 0.00	24.86 -0.58 0.00	22.02 -0.59 0.00	17.14 -0.48 0.00	22.68 -0.62 0.00	16.40 -0.47 0.00	25.11 -0.53 0.00	10.05 -0.29 0.00	7.23 -0.17 0.00	27.82 -0.55 0.00	32.51 -0.60 0.00	26.33 -0.55 0.00	22.67 -0.54 0.00	20.67 -0.41 0.00
LEDERLE____ 23769	33.96 1.43 -0.17	26.99 1.12 -1.56	27.01 1.19 0.00	24.80 1.03 0.00	24.52 1.04 0.00	28.49 1.07 -1.14	77.08 -0.14 -80.55	52.62 1.81 -10.52	32.39 0.62 -20.53	48.06 2.44 -0.78	26.93 1.44 -0.44	26.87 1.43 0.00	28.90 1.39 -4.89	33.30 1.09 -14.58	31.79 1.55 -6.93	37.41 1.18 -19.37	34.23 1.70 -6.89	37.29 0.66 -26.28	33.75 0.43 -25.91	36.10 1.46 -6.26	36.41 1.62 -1.67	27.61 1.38 0.66	24.38 1.17 0.00	21.97 0.88 0.00
LIGHTHSE_115KV_TB6 355974	32.49 0.14 0.00	24.47 0.08 -0.08	25.86 0.03 0.00	23.77 0.00 0.00	23.56 0.08 0.00	26.54 0.21 -0.06	0.52 -0.05 -3.89	41.49 0.69 -0.51	12.35 0.12 -0.99	45.04 0.16 -0.04	25.19 0.11 -0.02	25.49 0.05 0.00	22.80 -0.06 -0.25	18.24 -0.13 -0.74	23.43 -0.23 -0.36	17.66 -0.16 -0.96	25.77 -0.20 -0.33	11.62 0.01 -1.27	8.73 0.07 -1.25	29.09 0.41 -0.30	33.73 0.54 -0.08	27.29 0.41 0.00	23.58 0.38 0.00	21.40 0.31 0.00
LINDEN COGEN____ 23786	33.96 1.42 -0.19	27.10 1.13 -1.67	27.06 1.24 0.00	24.88 1.11 0.00	24.55 1.07 0.00	28.49 0.99 -1.22	82.46 -0.13 -85.91	53.03 1.52 -11.22	33.69 0.57 -21.89	-226.35 2.24 273.43	-298.79 1.38 325.23	26.85 1.41 0.00	29.21 1.38 -5.22	34.25 1.06 -15.56	32.22 1.51 -7.40	38.67 1.14 -20.66	34.59 1.60 -7.35	38.97 0.59 -28.03	35.40 0.36 -27.64	35.81 1.19 -6.24	34.28 1.38 0.21	27.69 1.29 0.48	24.31 1.11 0.00	21.91 0.82 0.00
LINDHRST_69_KV_BK1 356055	35.92 2.93 -0.64	28.23 2.25 -1.67	29.33 2.33 -1.18	27.37 2.11 -1.50	25.46 1.97 0.00	29.55 2.05 -1.22	82.37 -0.27 -85.96	54.46 2.94 -11.23	34.24 1.09 -21.91	49.69 4.02 -0.83	34.98 2.43 -7.50	28.94 2.41 -1.09	35.93 2.24 -11.07	57.10 1.73 -37.74	39.46 2.40 -13.75	72.85 1.77 -54.22	90.66 2.58 -62.45	72.79 1.02 -61.43	46.63 0.68 -38.54	39.43 2.57 -8.49	54.79 3.08 -18.59	46.50 2.59 -17.03	30.62 2.27 -5.15	22.92 1.83 0.00
LIPA_MISC_IPP 23656	36.13 3.13 -0.64	28.38 2.40 -1.67	29.48 2.48 -1.18	27.50 2.24 -1.50	25.56 2.07 0.00	29.65 2.15 -1.22	82.34 -0.30 -85.96	54.67 3.15 -11.23	34.32 1.17 -21.91	49.90 4.23 -0.83	35.03 2.47 -7.50	28.98 2.44 -1.09	35.94 2.25 -11.07	57.10 1.74 -37.74	39.54 2.48 -13.75	72.89 1.81 -54.22	90.74 2.66 -62.45	72.84 1.07 -61.43	46.68 0.73 -38.54	39.55 2.70 -8.49	54.98 3.27 -18.59	46.67 2.76 -17.03	30.82 2.47 -5.15	23.06 1.97 0.00
LISF__SOLAR 323691	36.18 3.18 -0.64	28.42 2.44 -1.67	29.52 2.52 -1.18	27.55 2.29 -1.50	25.62 2.13 0.00	29.76 2.26 -1.22	82.34 -0.30 -85.96	54.74 3.22 -11.23	34.34 1.19 -21.91	49.97 4.29 -0.83	35.03 2.48 -7.50	28.97 2.44 -1.09	35.93 2.24 -11.07	57.11 1.74 -37.74	39.55 2.49 -13.75	72.90 1.82 -54.22	90.78 2.69 -62.45	72.86 1.09 -61.43	46.70 0.75 -38.54	39.61 2.75 -8.49	55.04 3.34 -18.59	46.72 2.81 -17.03	30.92 2.57 -5.15	23.11 2.01 0.00
LITTLE FALLS__HYD 24013	32.27 -0.09 0.00	24.40 0.09 0.00	25.99 0.17 0.00	23.80 0.03 0.00	23.59 0.11 0.00	26.50 0.23 0.00	-3.35 -0.03 0.00	40.34 0.05 0.00	11.22 -0.02 0.00	44.60 -0.24 0.00	24.78 -0.28 0.00	25.24 -0.20 0.00	22.40 -0.22 0.00	17.45 -0.18 0.00	23.02 -0.29 0.00	16.55 -0.32 0.00	25.12 -0.52 0.00	10.28 -0.06 0.00	7.35 -0.06 0.00	28.39 0.02 0.00	33.13 0.01 0.00	26.77 -0.11 0.00	23.08 -0.12 0.00	20.88 -0.20 0.00
LITTLRIV_115KV_TB1 356100	32.03 -0.33 0.00	24.01 -0.30 0.00	25.60 -0.22 0.00	23.62 -0.15 0.00	23.36 -0.12 0.00	26.13 -0.15 0.00	-3.29 0.03 0.00	39.86 -0.43 0.00	10.97 -0.27 0.00	44.13 -0.72 0.00	24.65 -0.40 0.00	25.10 -0.34 0.00	22.22 -0.39 0.00	17.30 -0.32 0.00	22.88 -0.43 0.00	16.55 -0.32 0.00	25.36 -0.28 0.00	10.14 -0.20 0.00	7.30 -0.10 0.00	28.10 -0.27 0.00	32.84 -0.27 0.00	26.58 -0.30 0.00	22.86 -0.34 0.00	20.86 -0.23 0.00
LI_NEWBRDGE__DRP 323616	35.12 2.13 -0.64	27.64 1.65 -1.67	28.73 1.73 -1.18	26.82 1.56 -1.50	24.94 1.46 0.00	28.98 1.49 -1.22	82.44 -0.19 -85.96	53.60 2.08 -11.23	33.96 0.81 -21.91	48.65 2.97 -0.83	34.42 1.86 -7.50	28.38 1.85 -1.09	35.42 1.73 -11.07	56.70 1.33 -37.74	38.91 1.85 -13.75	72.45 1.37 -54.22	90.07 1.99 -62.45	72.55 0.78 -61.43	46.46 0.51 -38.54	38.70 1.84 -8.49	53.88 2.17 -18.59	45.76 1.85 -17.03	30.00 1.65 -5.15	22.40 1.31 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.45 -0.91 0.00	23.65 -0.80 -0.13	24.91 -0.91 0.00	22.99 -0.78 0.00	22.69 -0.80 0.00	25.63 -0.74 -0.10	3.61 0.05 -6.87	40.91 -0.27 -0.89	12.82 -0.15 -1.73	43.77 -1.15 -0.07	24.48 -0.61 -0.04	24.82 -0.62 0.00	22.30 -0.74 -0.43	18.46 -0.46 -1.29	23.18 -0.76 -0.63	17.96 -0.58 -1.68	25.00 -1.23 -0.59	12.25 -0.34 -2.24	9.35 -0.27 -2.21	27.82 -1.08 -0.54	32.16 -1.10 -0.14	26.22 -0.66 0.00	22.99 -0.21 0.00	21.11 0.02 0.00
LOCKPORT__CC1 323769	31.42 -0.93 0.00	23.64 -0.80 -0.13	24.90 -0.93 0.00	22.97 -0.80 0.00	22.67 -0.82 0.00	25.59 -0.78 -0.10	3.64 0.04 -6.92	40.83 -0.36 -0.90	12.83 -0.15 -1.75	43.74 -1.17 -0.07	24.48 -0.62 -0.04	24.81 -0.63 0.00	22.30 -0.74 -0.43	18.47 -0.46 -1.30	23.18 -0.76 -0.63	17.98 -0.58 -1.69	25.02 -1.21 -0.59	12.27 -0.33 -2.26	9.36 -0.27 -2.23	27.80 -1.11 -0.54	32.14 -1.11 -0.14	26.18 -0.70 0.00	22.95 -0.26 0.00	21.11 0.02 0.00

LOCKPORT___CC2 323770	31.42 -0.93 0.00	23.64 -0.80 -0.13	24.90 -0.93 0.00	22.97 -0.80 0.00	22.67 -0.82 0.00	25.59 -0.78 -0.10	3.64 0.04 -6.92	40.83 -0.36 -0.90	12.83 -0.15 -1.75	43.74 -1.17 -0.07	24.48 -0.62 -0.04	24.81 -0.63 0.00	22.30 -0.74 -0.43	18.47 -0.46 -1.30	23.18 -0.76 -0.63	17.98 -0.58 -1.69	25.02 -1.21 -0.59	12.27 -0.33 -2.26	9.36 -0.27 -2.23	27.80 -1.11 -0.54	32.14 -1.11 -0.14	26.18 -0.70 0.00	22.95 -0.26 0.00	21.11 0.02 0.00
LOCKPORT___CC3 323771	31.42 -0.93 0.00	23.64 -0.80 -0.13	24.90 -0.93 0.00	22.97 -0.80 0.00	22.67 -0.82 0.00	25.59 -0.78 -0.10	3.64 0.04 -6.92	40.83 -0.36 -0.90	12.83 -0.15 -1.75	43.74 -1.17 -0.07	24.48 -0.62 -0.04	24.81 -0.63 0.00	22.30 -0.74 -0.43	18.47 -0.46 -1.30	23.18 -0.76 -0.63	17.98 -0.58 -1.69	25.02 -1.21 -0.59	12.27 -0.33 -2.26	9.36 -0.27 -2.23	27.80 -1.11 -0.54	32.14 -1.11 -0.14	26.18 -0.70 0.00	22.95 -0.26 0.00	21.11 0.02 0.00
LONG_LAKE_PHOENIX 24014	32.52 0.16 0.00	24.49 0.09 -0.09	25.90 0.08 0.00	23.82 0.05 0.00	23.56 0.07 0.00	26.51 0.17 -0.06	1.04 -0.04 -4.40	41.46 0.60 -0.57	12.49 0.13 -1.12	45.26 0.37 -0.04	25.26 0.17 -0.03	25.60 0.16 0.00	23.00 0.11 -0.28	18.50 0.04 -0.84	23.74 0.02 -0.40	17.98 0.03 -1.08	26.07 0.05 -0.38	11.89 0.11 -1.44	8.92 0.10 -1.42	29.14 0.43 -0.34	33.74 0.54 -0.09	27.29 0.41 0.00	23.56 0.36 0.00	21.40 0.32 0.00
LOVETT___3 23632	33.82 1.30 -0.17	26.90 1.01 -1.57	26.91 1.09 0.00	24.71 0.94 0.00	24.42 0.93 0.00	28.38 0.95 -1.15	77.62 -0.13 -81.06	52.47 1.60 -10.59	32.47 0.56 -20.66	47.82 2.19 -0.79	26.81 1.31 -0.44	26.74 1.30 0.00	28.81 1.27 -4.93	33.29 0.98 -14.68	31.70 1.41 -6.97	37.43 1.07 -19.49	34.10 1.53 -6.93	37.39 0.60 -26.45	33.87 0.38 -26.08	35.96 1.29 -6.30	36.24 1.44 -1.68	27.43 1.23 0.69	24.26 1.05 0.00	21.87 0.78 0.00
LOVETT___4 23642	33.82 1.30 -0.17	26.90 1.01 -1.57	26.91 1.09 0.00	24.71 0.94 0.00	24.42 0.93 0.00	28.38 0.95 -1.15	77.62 -0.13 -81.06	52.47 1.60 -10.59	32.47 0.56 -20.66	47.82 2.19 -0.79	26.81 1.31 -0.44	26.74 1.30 0.00	28.81 1.27 -4.93	33.29 0.98 -14.68	31.70 1.41 -6.97	37.43 1.07 -19.49	34.10 1.53 -6.93	37.39 0.60 -26.45	33.87 0.38 -26.08	35.96 1.29 -6.30	36.24 1.44 -1.68	27.43 1.23 0.69	24.26 1.05 0.00	21.87 0.78 0.00
LOVETT___5 23593	33.82 1.30 -0.17	26.90 1.01 -1.57	26.91 1.09 0.00	24.71 0.94 0.00	24.42 0.93 0.00	28.38 0.95 -1.15	77.62 -0.13 -81.06	52.47 1.60 -10.59	32.47 0.56 -20.66	47.82 2.19 -0.79	26.81 1.31 -0.44	26.74 1.30 0.00	28.81 1.27 -4.93	33.29 0.98 -14.68	31.70 1.41 -6.97	37.43 1.07 -19.49	34.10 1.53 -6.93	37.39 0.60 -26.45	33.87 0.38 -26.08	35.96 1.29 -6.30	36.24 1.44 -1.68	27.43 1.23 0.69	24.26 1.05 0.00	21.87 0.78 0.00
LOWER RAQUET___HYD 24057	31.61 -0.75 0.00	23.70 -0.61 0.00	25.26 -0.56 0.00	23.31 -0.46 0.00	23.04 -0.44 0.00	25.73 -0.55 0.00	-3.25 0.08 0.00	39.28 -1.01 0.00	10.84 -0.41 0.00	43.56 -1.28 0.00	24.34 -0.72 0.00	24.76 -0.68 0.00	21.93 -0.69 0.00	17.06 -0.56 0.00	22.57 -0.74 0.00	16.32 -0.55 0.00	25.00 -0.64 0.00	10.01 -0.33 0.00	7.21 -0.19 0.00	27.75 -0.63 0.00	32.42 -0.69 0.00	26.25 -0.63 0.00	22.59 -0.62 0.00	20.60 -0.49 0.00
LOWER___HUDSON 24059	33.15 1.12 0.32	27.38 0.92 -2.15	26.81 0.99 0.00	24.67 0.90 0.00	24.37 0.88 0.00	28.88 1.04 -1.57	107.24 -0.15 -110.71	56.42 1.67 -14.46	39.94 0.48 -28.22	47.65 1.73 -1.07	26.56 0.90 -0.60	26.30 0.86 0.00	30.08 0.81 -6.65	38.36 0.64 -20.09	33.66 0.80 -9.55	44.06 0.55 -26.64	35.99 0.88 -9.47	46.87 0.40 -36.12	43.32 0.30 -35.61	38.15 1.17 -8.61	36.70 1.28 -2.30	28.01 0.94 -0.18	24.01 0.80 0.00	21.73 0.64 0.00
LOWVILLE_115KV_TB2 356335	32.66 0.30 0.00	24.58 0.23 -0.04	26.05 0.22 0.00	23.95 0.18 0.00	23.80 0.31 0.00	26.82 0.52 -0.03	-1.45 -0.06 -1.93	41.48 0.94 -0.25	11.89 0.15 -0.49	45.19 0.32 -0.02	25.29 0.22 -0.01	25.60 0.15 0.00	22.60 -0.14 -0.12	17.75 -0.24 -0.37	23.11 -0.38 -0.18	17.14 -0.20 -0.47	25.74 -0.06 -0.17	11.01 0.04 -0.63	8.15 0.12 -0.62	29.22 0.70 -0.15	34.02 0.86 -0.04	27.49 0.61 0.00	23.67 0.47 0.00	21.48 0.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.78 1.69 0.26	27.81 1.33 -2.17	27.22 1.40 0.00	25.06 1.29 0.00	24.77 1.28 0.00	29.35 1.49 -1.59	108.33 -0.21 -111.86	57.41 2.51 -14.61	40.45 0.70 -28.51	48.50 2.57 -1.09	27.06 1.39 -0.61	26.81 1.37 0.00	30.59 1.24 -6.73	38.91 0.99 -20.30	34.21 1.25 -9.65	44.71 0.93 -26.92	36.68 1.47 -9.57	47.48 0.64 -36.50	43.86 0.48 -35.98	38.90 1.82 -8.70	37.48 2.04 -2.32	28.56 1.51 -0.18	24.46 1.25 0.00	22.13 1.04 0.00
LUTHERNY_35_KV_BK2 355980	33.78 1.69 0.26	27.81 1.32 -2.17	27.21 1.38 0.00	25.04 1.27 0.00	24.75 1.26 0.00	29.35 1.49 -1.59	108.33 -0.21 -111.86	57.43 2.53 -14.61	40.46 0.71 -28.51	48.53 2.60 -1.09	27.06 1.39 -0.61	26.80 1.36 0.00	30.59 1.25 -6.73	38.91 0.99 -20.30	34.23 1.27 -9.65	44.72 0.93 -26.92	36.71 1.50 -9.57	47.50 0.66 -36.50	43.87 0.48 -35.98	38.92 1.85 -8.70	37.53 2.09 -2.32	28.57 1.51 -0.18	24.45 1.25 0.00	22.12 1.03 0.00
LWR___OSWEGATCHIE_HYD 23850	32.09 -0.27 0.00	24.08 -0.23 0.00	25.59 -0.23 0.00	23.56 -0.21 0.00	23.36 -0.13 0.00	26.21 -0.07 0.00	-3.31 0.01 0.00	40.22 -0.07 0.00	11.10 -0.14 0.00	44.26 -0.58 0.00	24.78 -0.28 0.00	25.14 -0.30 0.00	22.17 -0.44 0.00	17.19 -0.44 0.00	22.70 -0.61 0.00	16.45 -0.41 0.00	25.23 -0.41 0.00	10.17 -0.17 0.00	7.36 -0.05 0.00	28.38 0.01 0.00	33.18 0.07 0.00	26.85 -0.03 0.00	23.11 -0.10 0.00	21.01 -0.08 0.00
LYONS_FALL_HYD 23570	32.76 0.40 0.00	24.67 0.32 -0.04	26.16 0.34 0.00	24.05 0.28 0.00	23.87 0.38 0.00	26.83 0.53 -0.03	-1.57 -0.07 -1.82	41.48 0.95 -0.24	11.90 0.20 -0.46	45.44 0.57 -0.02	25.39 0.32 -0.01	25.72 0.28 0.00	22.81 0.08 -0.12	17.94 -0.03 -0.35	23.37 -0.11 -0.17	17.29 -0.02 -0.45	25.93 0.13 -0.16	11.03 0.10 -0.60	8.14 0.14 -0.58	29.21 0.70 -0.14	33.98 0.83 -0.04	27.49 0.60 0.00	23.68 0.47 0.00	21.51 0.42 0.00
MADISON___COUNTY_LFGE 323628	32.95 0.59 0.00	24.82 0.45 -0.06	26.33 0.51 0.00	24.21 0.45 0.00	23.97 0.49 0.00	26.96 0.64 -0.04	-0.42 -0.08 -2.98	41.80 1.12 -0.39	12.29 0.29 -0.76	45.87 1.00 -0.03	25.54 0.47 -0.02	25.89 0.45 0.00	23.21 0.40 -0.19	18.46 0.26 -0.57	23.86 0.27 -0.27	17.81 0.21 -0.73	26.29 0.39 -0.25	11.52 0.20 -0.97	8.54 0.18 -0.96	29.36 0.76 -0.23	34.07 0.89 -0.06	27.59 0.71 0.00	23.80 0.60 0.00	21.61 0.52 0.00
MALONE___115KV_TB1 356076	32.39 0.04 0.00	24.21 -0.11 0.00	25.84 0.02 0.00	23.89 0.12 0.00	23.55 0.07 0.00	26.13 -0.15 0.00	-3.36 -0.04 0.00	39.83 -0.46 0.00	-191.38 -0.16 202.46	34.98 -0.42 9.44	20.79 -0.51 3.76	25.08 -0.36 0.00	22.36 -0.26 0.00	17.45 -0.18 0.00	23.17 -0.14 0.00	16.69 -0.17 0.00	25.50 -0.14 0.00	10.18 -0.16 0.00	7.38 -0.03 0.00	28.43 0.06 0.00	33.27 0.16 0.00	26.99 0.10 0.00	23.22 0.01 0.00	21.24 0.15 0.00

MAPLEWOD_115KV_TB3 80458	33.05 0.95 0.26	27.23 0.77 -2.14	26.64 0.82 0.00	24.51 0.74 0.00	24.21 0.73 0.00	28.68 0.84 -1.57	106.89 -0.11 -110.33	56.10 1.40 -14.41	39.77 0.41 -28.12	47.39 1.48 -1.07	26.44 0.79 -0.60	26.21 0.76 0.00	30.00 0.75 -6.64	38.22 0.58 -20.02	33.54 0.72 -9.52	43.91 0.50 -26.55	35.86 0.78 -9.44	46.68 0.34 -36.00	43.15 0.26 -35.49	37.94 0.99 -8.58	36.50 1.09 -2.29	27.86 0.80 -0.18	23.87 0.67 0.00	21.62 0.54 0.00
MAPLE_RIDGE_WT_1 323574	32.33 -0.02 0.00	24.32 0.01 0.00	25.80 -0.02 0.00	23.75 -0.02 0.00	23.51 0.02 0.00	26.28 0.00 0.00	-3.32 0.01 0.00	40.20 -0.08 0.00	11.23 -0.01 0.00	44.51 -0.33 0.00	24.84 -0.21 0.00	25.25 -0.20 0.00	22.32 -0.30 0.00	17.31 -0.31 0.00	22.92 -0.39 0.00	16.65 -0.21 0.00	25.49 -0.15 0.00	10.32 -0.02 0.00	7.42 0.01 0.00	28.45 0.09 0.00	33.21 0.10 0.00	26.96 0.08 0.00	23.28 0.07 0.00	21.13 0.04 0.00
MAPLE_RIDGE_WT_2 323611	32.33 -0.02 0.00	24.32 0.01 0.00	25.80 -0.02 0.00	23.75 -0.02 0.00	23.51 0.02 0.00	26.28 0.00 0.00	-3.32 0.01 0.00	40.20 -0.08 0.00	11.23 -0.01 0.00	44.51 -0.33 0.00	24.84 -0.21 0.00	25.25 -0.20 0.00	22.32 -0.30 0.00	17.31 -0.31 0.00	22.92 -0.39 0.00	16.65 -0.21 0.00	25.49 -0.15 0.00	10.32 -0.02 0.00	7.42 0.01 0.00	28.45 0.09 0.00	33.21 0.10 0.00	26.96 0.08 0.00	23.28 0.07 0.00	21.13 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	32.38 0.02 0.00	24.16 -0.15 0.00	25.80 -0.03 0.00	23.86 0.09 0.00	23.50 0.02 0.00	26.03 -0.25 0.00	-3.38 -0.06 0.00	39.45 -0.84 0.00	-191.41 -0.19 202.46	34.70 -0.71 9.44	20.51 -0.79 3.76	24.83 -0.61 0.00	22.19 -0.42 0.00	17.33 -0.29 0.00	23.07 -0.24 0.00	16.60 -0.26 0.00	25.31 -0.33 0.00	10.09 -0.25 0.00	7.33 -0.08 0.00	28.24 -0.13 0.00	33.10 -0.02 0.00	26.88 0.00 0.00	23.16 -0.04 0.00	21.22 0.13 0.00
MARSHVLE_115KV_TB1 80742	34.64 2.49 0.21	28.19 1.69 -2.19	27.55 1.73 0.00	25.43 1.66 0.00	25.12 1.64 0.00	29.68 1.81 -1.60	109.14 -0.24 -112.69	58.43 3.42 -14.72	40.84 0.87 -28.72	49.10 3.16 -1.09	27.37 1.70 -0.61	27.25 1.81 0.00	30.85 1.45 -6.79	39.10 1.03 -20.45	34.31 1.28 -9.72	44.95 0.96 -27.12	36.87 1.59 -9.64	47.79 0.68 -36.77	44.29 0.63 -36.25	39.53 2.40 -8.76	38.15 2.70 -2.34	29.37 2.32 -0.17	25.24 2.03 0.00	22.83 1.75 0.00
MARSH_HILL_WT_PWR 323713	32.37 0.01 0.00	24.40 -0.09 -0.18	25.58 -0.25 0.00	23.50 -0.27 0.00	23.22 -0.27 0.00	26.16 -0.24 -0.13	5.91 0.02 -9.21	41.71 0.22 -1.20	13.68 0.11 -2.33	45.01 0.07 -0.09	24.95 -0.16 -0.05	25.26 -0.19 0.00	22.92 -0.27 -0.58	19.19 -0.18 -1.74	23.81 -0.34 -0.85	18.96 -0.16 -2.26	25.98 -0.44 -0.79	13.26 -0.09 -3.01	10.32 -0.05 -2.96	29.04 -0.05 -0.72	33.16 -0.14 -0.19	26.95 0.07 0.00	23.48 0.28 0.00	21.48 0.39 0.00
MCINTYRE_115KV_TB2 80467	32.38 0.02 0.00	24.28 -0.03 0.00	25.86 0.04 0.00	23.87 0.09 0.00	23.60 0.12 0.00	26.40 0.12 0.00	-3.32 0.00 0.00	40.31 0.02 0.00	11.07 -0.17 0.00	44.58 -0.27 0.00	24.91 -0.14 0.00	25.39 -0.05 0.00	22.46 -0.15 0.00	17.50 -0.13 0.00	23.12 -0.19 0.00	16.73 -0.13 0.00	25.66 0.03 0.00	10.24 -0.10 0.00	7.38 -0.03 0.00	28.38 0.01 0.00	33.18 0.06 0.00	26.85 -0.03 0.00	23.08 -0.12 0.00	21.05 -0.03 0.00
MECO____69_KV_BK1 80468	34.98 2.83 0.21	28.57 2.08 -2.19	28.20 2.38 0.00	25.98 2.21 0.00	25.75 2.27 0.00	30.50 2.62 -1.60	109.07 -0.30 -112.69	58.82 3.82 -14.72	40.73 0.76 -28.72	47.69 1.75 -1.09	27.18 1.51 -0.61	27.30 1.86 0.00	30.32 0.92 -6.79	38.51 0.43 -20.45	33.59 0.56 -9.72	44.42 0.43 -27.12	36.28 0.99 -9.64	47.94 0.83 -36.77	44.48 0.82 -36.25	40.17 3.03 -8.76	38.83 3.37 -2.34	29.82 2.76 -0.17	25.57 2.36 0.00	23.21 2.12 0.00
MENANDS__115KV_TB5 355628	32.85 0.76 0.26	27.08 0.63 -2.14	26.50 0.67 0.00	24.38 0.61 0.00	24.08 0.60 0.00	28.53 0.68 -1.56	106.79 -0.10 -110.22	55.82 1.13 -14.40	39.68 0.34 -28.09	47.14 1.23 -1.07	26.30 0.64 -0.60	26.06 0.62 0.00	29.87 0.62 -6.63	38.10 0.48 -20.00	33.41 0.59 -9.51	43.80 0.41 -26.52	35.70 0.63 -9.43	46.58 0.28 -35.96	43.06 0.20 -35.46	37.73 0.79 -8.57	36.26 0.86 -2.29	27.69 0.62 -0.18	23.73 0.52 0.00	21.49 0.40 0.00
MG INDUSTRY__DRP 24185	33.11 0.92 0.16	27.18 0.76 -2.10	26.64 0.81 0.00	24.51 0.74 0.00	24.20 0.71 0.00	28.66 0.84 -1.54	104.99 -0.12 -108.42	55.82 1.37 -14.16	39.26 0.39 -27.63	47.27 1.37 -1.05	26.35 0.71 -0.59	26.14 0.70 0.00	29.85 0.70 -6.54	37.84 0.55 -19.66	33.36 0.70 -9.35	43.46 0.50 -26.09	35.66 0.75 -9.27	46.05 0.33 -35.38	42.52 0.24 -34.88	37.72 0.91 -8.43	36.44 1.07 -2.25	27.86 0.80 -0.17	23.89 0.69 0.00	21.64 0.55 0.00
MID__OSWEGATCHIE_HYD 23849	32.09 -0.27 0.00	24.08 -0.23 0.00	25.59 -0.23 0.00	23.56 -0.21 0.00	23.36 -0.13 0.00	26.21 -0.07 0.00	-3.31 0.01 0.00	40.22 -0.07 0.00	11.10 -0.14 0.00	44.26 -0.58 0.00	24.78 -0.28 0.00	25.14 -0.30 0.00	22.17 -0.44 0.00	17.19 -0.44 0.00	22.70 -0.61 0.00	16.45 -0.41 0.00	25.23 -0.41 0.00	10.17 -0.17 0.00	7.36 -0.05 0.00	28.38 0.01 0.00	33.18 0.07 0.00	26.85 -0.03 0.00	23.11 -0.10 0.00	21.01 -0.08 0.00
MID__RAQUETTE_HYD 23851	31.61 -0.75 0.00	23.70 -0.61 0.00	25.26 -0.56 0.00	23.31 -0.46 0.00	23.04 -0.44 0.00	25.75 -0.53 0.00	-3.25 0.08 0.00	39.27 -1.02 0.00	10.84 -0.40 0.00	43.56 -1.28 0.00	24.34 -0.72 0.00	24.76 -0.68 0.00	21.92 -0.69 0.00	17.07 -0.56 0.00	22.58 -0.73 0.00	16.32 -0.55 0.00	25.00 -0.64 0.00	10.01 -0.33 0.00	7.21 -0.19 0.00	27.75 -0.63 0.00	32.42 -0.69 0.00	26.26 -0.63 0.00	22.59 -0.61 0.00	20.60 -0.49 0.00
MILLIKEN__1 23584	32.76 0.41 0.00	24.77 0.28 -0.18	26.06 0.24 0.00	23.96 0.19 0.00	23.72 0.23 0.00	26.78 0.38 -0.13	5.78 -0.05 -9.15	42.47 0.97 -1.21	13.84 0.24 -2.36	45.69 0.75 -0.10	25.43 0.32 -0.06	25.79 0.35 0.00	23.45 0.21 -0.62	19.66 0.17 -1.87	24.34 0.16 -0.87	19.30 0.12 -2.32	26.59 0.17 -0.78	13.50 0.17 -2.99	10.51 0.17 -2.95	29.72 0.64 -0.71	34.01 0.71 -0.19	27.49 0.60 0.00	23.71 0.50 0.00	21.49 0.41 0.00
MILLIKEN__2 23585	32.76 0.41 0.00	24.77 0.28 -0.18	26.06 0.24 0.00	23.96 0.19 0.00	23.72 0.23 0.00	26.78 0.38 -0.13	5.78 -0.05 -9.15	42.47 0.97 -1.21	13.84 0.24 -2.36	45.69 0.75 -0.10	25.43 0.32 -0.06	25.79 0.35 0.00	23.45 0.21 -0.62	19.66 0.17 -1.87	24.34 0.16 -0.87	19.30 0.12 -2.32	26.59 0.17 -0.78	13.50 0.17 -2.99	10.51 0.17 -2.95	29.72 0.64 -0.71	34.01 0.71 -0.19	27.49 0.60 0.00	23.71 0.50 0.00	21.49 0.41 0.00
MILLIKEN__DIESEL 23629	32.76 0.41 0.00	24.77 0.28 -0.18	26.06 0.24 0.00	23.96 0.19 0.00	23.72 0.23 0.00	26.78 0.38 -0.13	5.78 -0.05 -9.15	42.47 0.97 -1.21	13.84 0.24 -2.36	45.69 0.75 -0.10	25.43 0.32 -0.06	25.79 0.35 0.00	23.45 0.21 -0.62	19.66 0.17 -1.87	24.34 0.16 -0.87	19.30 0.12 -2.32	26.59 0.17 -0.78	13.50 0.17 -2.99	10.51 0.16 -2.95	29.72 0.64 -0.71	34.01 0.71 -0.19	27.49 0.60 0.00	23.71 0.50 0.00	21.49 0.41 0.00

MILLSEAT___LFGE 323607	31.98 -0.38 0.00	24.05 -0.39 -0.13	25.33 -0.49 0.00	23.35 -0.42 0.00	23.06 -0.43 0.00	26.05 -0.32 -0.09	3.35 -0.01 -6.69	41.60 0.45 -0.87	12.98 0.05 -1.69	44.53 -0.38 -0.07	24.90 -0.19 -0.04	25.20 -0.24 0.00	22.60 -0.43 -0.42	18.65 -0.24 -1.26	23.49 -0.44 -0.61	18.18 -0.32 -1.63	25.42 -0.80 -0.57	12.37 -0.15 -2.18	9.44 -0.11 -2.15	28.43 -0.46 -0.52	32.89 -0.37 -0.14	26.74 -0.15 0.00	23.37 0.16 0.00	21.44 0.35 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.98 1.43 -0.18	27.09 1.12 -1.65	27.01 1.19 0.00	24.82 1.05 0.00	24.51 1.02 0.00	28.53 1.05 -1.21	81.58 -0.14 -85.05	53.11 1.71 -11.11	33.52 0.60 -21.68	48.02 2.35 -0.82	26.92 1.40 -0.46	26.84 1.39 0.00	29.13 1.34 -5.17	34.07 1.04 -15.40	32.10 1.47 -7.32	38.43 1.11 -20.45	34.50 1.58 -7.28	38.71 0.62 -27.75	35.16 0.40 -27.36	36.36 1.37 -6.61	36.45 1.56 -1.77	28.85 1.34 -0.63	24.35 1.14 0.00	21.95 0.86 0.00
MILLWOOD_13_KV_LOAD 356217	34.05 1.51 -0.18	27.15 1.19 -1.65	27.07 1.25 0.00	24.87 1.10 0.00	24.56 1.07 0.00	28.59 1.11 -1.21	81.58 -0.15 -85.05	53.21 1.81 -11.11	33.55 0.63 -21.68	48.15 2.48 -0.82	26.98 1.47 -0.46	26.91 1.47 0.00	29.20 1.42 -5.17	34.12 1.09 -15.40	32.17 1.54 -7.32	38.48 1.16 -20.45	34.58 1.66 -7.28	38.74 0.65 -27.75	35.18 0.42 -27.36	36.44 1.46 -6.61	36.54 1.66 -1.77	28.93 1.42 -0.63	24.41 1.21 0.00	22.01 0.92 0.00
MODEL_CITY_ENERGY 24167	31.15 -1.20 0.00	23.44 -1.00 -0.13	24.69 -1.13 0.00	22.78 -0.99 0.00	22.48 -1.01 0.00	25.37 -1.01 -0.10	3.74 0.08 -6.98	40.50 -0.69 -0.91	12.73 -0.27 -1.76	43.31 -1.61 -0.07	24.22 -0.87 -0.04	24.58 -0.86 0.00	22.10 -0.95 -0.44	18.32 -0.62 -1.31	22.98 -0.97 -0.64	17.82 -0.75 -1.70	24.79 -1.45 -0.60	12.17 -0.45 -2.28	9.30 -0.35 -2.24	27.51 -1.40 -0.54	31.78 -1.48 -0.14	25.88 -1.00 0.00	22.71 -0.50 0.00	20.90 -0.19 0.00
MODERN_LFGE___ 323580	31.15 -1.20 0.00	23.44 -1.00 -0.13	24.69 -1.13 0.00	22.78 -0.99 0.00	22.48 -1.01 0.00	25.37 -1.01 -0.10	3.74 0.08 -6.98	40.50 -0.69 -0.91	12.73 -0.27 -1.76	43.31 -1.61 -0.07	24.22 -0.87 -0.04	24.58 -0.86 0.00	22.10 -0.95 -0.44	18.32 -0.62 -1.31	22.98 -0.97 -0.64	17.82 -0.75 -1.70	24.79 -1.45 -0.60	12.17 -0.45 -2.28	9.30 -0.35 -2.24	27.51 -1.40 -0.54	31.78 -1.48 -0.14	25.88 -1.00 0.00	22.71 -0.50 0.00	20.90 -0.19 0.00
MOHAWK_PAPER___DRP 24187	33.05 0.95 0.26	27.23 0.77 -2.14	26.64 0.82 0.00	24.51 0.74 0.00	24.21 0.73 0.00	28.68 0.84 -1.57	106.89 -0.11 -110.33	56.10 1.40 -14.41	39.77 0.41 -28.12	47.39 1.48 -1.07	26.44 0.79 -0.60	26.21 0.76 0.00	30.00 0.75 -6.64	38.22 0.58 -20.02	33.54 0.72 -9.52	43.91 0.50 -26.55	35.86 0.78 -9.44	46.68 0.34 -36.00	43.15 0.26 -35.49	37.94 0.99 -8.58	36.50 1.09 -2.29	27.86 0.80 -0.18	23.87 0.67 0.00	21.62 0.54 0.00
MOHICAN___35_KV_115KV_LD 80490	34.11 2.01 0.26	28.06 1.58 -2.17	27.53 1.71 0.00	25.36 1.59 0.00	25.07 1.59 0.00	29.73 1.87 -1.59	108.34 -0.26 -111.92	58.12 3.21 -14.62	40.64 0.87 -28.53	49.04 3.11 -1.09	27.36 1.70 -0.61	27.07 1.63 0.00	30.80 1.46 -6.73	39.13 1.19 -20.31	34.45 1.48 -9.65	44.96 1.16 -26.94	37.09 1.88 -9.57	47.69 0.83 -36.52	44.02 0.61 -36.01	39.44 2.36 -8.70	38.07 2.63 -2.33	28.93 1.87 -0.18	24.73 1.53 0.00	22.38 1.30 0.00
MONGAUP___HYD 23641	33.75 1.25 -0.15	26.71 0.97 -1.42	26.88 1.05 0.00	24.69 0.91 0.00	24.39 0.90 0.00	28.27 0.95 -1.04	69.97 -0.12 -73.42	51.46 1.58 -9.59	30.45 0.50 -18.71	47.31 1.75 -0.71	26.39 0.93 -0.40	26.33 0.89 0.00	27.93 0.86 -4.45	31.57 0.67 -13.28	30.54 0.92 -6.31	35.22 0.71 -17.65	33.00 1.08 -6.28	34.77 0.48 -23.95	31.37 0.34 -23.62	35.30 1.22 -5.71	36.05 1.41 -1.53	27.72 1.22 0.38	24.23 1.03 0.00	21.89 0.80 0.00
MONTAUK___DIESEL 23721	37.77 4.77 -0.64	29.52 3.54 -1.67	30.56 3.55 -1.18	28.53 3.26 -1.50	26.53 3.05 0.00	30.73 3.23 -1.22	82.17 -0.47 -85.96	56.67 5.15 -11.23	34.90 1.76 -21.91	52.29 6.61 -0.83	35.94 3.38 -7.50	29.88 3.35 -1.09	36.78 3.09 -11.07	57.90 2.53 -37.74	40.96 3.89 -13.75	73.92 2.84 -54.22	92.30 4.22 -62.45	73.48 1.71 -61.43	47.13 1.18 -38.54	41.21 4.35 -8.49	56.88 5.18 -18.59	48.18 4.27 -17.03	32.00 3.65 -5.15	23.98 2.89 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.49 0.13 0.00	24.43 -0.03 -0.15	25.71 -0.11 0.00	23.66 -0.11 0.00	23.37 -0.11 0.00	26.47 0.08 -0.11	4.53 -0.05 -7.89	42.37 1.06 -1.03	13.51 0.28 -1.99	45.78 0.86 -0.08	25.38 0.28 -0.04	25.78 0.34 0.00	23.31 0.20 -0.49	19.40 0.29 -1.48	24.31 0.28 -0.72	19.01 0.22 -1.93	26.27 -0.05 -0.68	13.02 0.10 -2.58	9.97 0.02 -2.54	29.07 0.09 -0.61	33.56 0.28 -0.16	27.31 0.43 0.00	23.79 0.58 0.00	21.76 0.68 0.00
MORTIMER_115KV_TB3 55949	31.98 -0.37 0.00	24.06 -0.37 -0.11	25.35 -0.47 0.00	23.36 -0.41 0.00	23.08 -0.41 0.00	26.03 -0.32 -0.08	2.56 -0.01 -5.90	41.22 0.16 -0.77	12.76 0.02 -1.49	44.66 -0.24 -0.06	24.92 -0.17 -0.03	25.28 -0.17 0.00	22.73 -0.26 -0.37	18.61 -0.12 -1.11	23.58 -0.27 -0.54	18.12 -0.18 -1.44	25.64 -0.51 -0.51	12.19 -0.07 -1.92	9.25 -0.05 -1.90	28.57 -0.26 -0.46	33.04 -0.19 -0.12	26.82 -0.06 0.00	23.33 0.12 0.00	21.27 0.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.19 1.65 -0.19	27.27 1.29 -1.67	27.19 1.37 0.00	24.98 1.21 0.00	24.65 1.17 0.00	28.67 1.17 -1.22	82.44 -0.16 -85.92	53.35 1.84 -11.22	33.81 0.67 -21.90	48.27 2.60 -0.83	27.10 1.58 -0.46	27.02 1.58 0.00	29.36 1.52 -5.22	34.35 1.16 -15.56	32.34 1.63 -7.40	38.75 1.22 -20.66	34.70 1.71 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.48 1.42 -6.68	36.59 1.69 -1.79	28.94 1.49 -0.57	24.47 1.27 0.00	22.05 0.96 0.00
MUNSVILLE_WIND_PWR 323609	34.20 1.84 0.00	25.91 1.32 -0.27	27.23 1.40 0.00	25.03 1.26 0.00	24.78 1.29 0.00	28.12 1.64 -0.20	10.69 -0.13 -14.15	46.32 4.02 -2.01	16.21 1.05 -3.92	48.87 3.81 -0.21	26.77 1.60 -0.12	26.97 1.53 0.00	25.32 1.38 -1.32	22.53 0.95 -3.95	25.85 0.91 -1.63	21.78 0.77 -4.15	27.89 1.04 -1.21	15.53 0.57 -4.62	12.46 0.50 -4.55	31.56 2.10 -1.10	35.85 2.44 -0.29	28.74 1.85 0.00	24.71 1.51 0.00	22.38 1.29 0.00
N SALMON___HYD 24042	32.39 0.04 0.00	24.21 -0.10 0.00	25.84 0.02 0.00	23.89 0.12 0.00	23.55 0.07 0.00	26.14 -0.13 0.00	-3.36 -0.04 0.00	39.83 -0.46 0.00	-191.38 -0.16 202.46	34.99 -0.42 9.44	20.79 -0.51 3.76	25.08 -0.36 0.00	22.36 -0.26 0.00	17.45 -0.18 0.00	23.17 -0.14 0.00	16.69 -0.17 0.00	25.50 -0.14 0.00	10.18 -0.16 0.00	7.38 -0.03 0.00	28.43 0.06 0.00	33.27 0.16 0.00	26.99 0.11 0.00	23.22 0.02 0.00	21.24 0.15 0.00
N.AKRON___115KV_KNAPP 355671	31.87 -0.49 0.00	23.96 -0.48 -0.13	25.25 -0.57 0.00	23.28 -0.49 0.00	22.99 -0.49 0.00	25.99 -0.38 -0.10	3.44 0.01 -6.76	41.50 0.33 -0.88	12.96 0.02 -1.71	44.39 -0.53 -0.07	24.84 -0.25 -0.04	25.14 -0.30 0.00	22.55 -0.49 -0.42	18.62 -0.28 -1.27	23.44 -0.49 -0.62	18.14 -0.37 -1.65	25.32 -0.89 -0.58	12.39 -0.16 -2.21	9.43 -0.15 -2.17	28.29 -0.61 -0.53	32.71 -0.54 -0.14	26.63 -0.25 0.00	23.31 0.11 0.00	21.38 0.29 0.00

N.BELMOR_69_KV_BK1 55787	35.44 2.45 -0.64	27.85 1.87 -1.67	28.94 1.95 -1.18	27.00 1.74 -1.50	25.12 1.63 0.00	29.18 1.69 -1.22	82.42 -0.22 -85.96	53.87 2.35 -11.23	34.03 0.88 -21.91	48.96 3.28 -0.83	34.57 2.01 -7.50	28.54 2.01 -1.09	35.62 1.93 -11.07	56.86 1.49 -37.74	39.13 2.07 -13.75	72.60 1.52 -54.22	90.29 2.21 -62.45	72.65 0.87 -61.43	46.53 0.58 -38.54	38.94 2.08 -8.49	54.16 2.45 -18.59	45.99 2.09 -17.03	30.22 1.87 -5.15	22.58 1.49 0.00
N.E_GEN_SANDY PD 24062	31.67 0.95 1.64	27.79 0.84 -2.64	26.73 0.91 0.00	24.60 0.83 0.00	24.29 0.80 0.00	28.92 0.88 -1.77	96.89 -0.12 -100.34	55.44 1.43 -13.72	36.06 0.46 -24.36	45.62 1.64 0.87	26.47 0.86 -0.54	26.27 0.83 0.00	29.23 0.81 -5.80	36.45 0.63 -18.20	32.80 0.84 -8.65	41.60 0.59 -24.14	35.36 0.93 -8.79	44.30 0.40 -33.56	39.97 0.29 -32.28	37.24 1.07 -7.80	35.54 1.16 -1.27	27.99 0.87 -0.24	24.20 0.76 -0.23	21.67 0.59 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.87 1.34 -0.17	26.94 1.06 -1.57	26.95 1.12 0.00	24.74 0.97 0.00	24.45 0.97 0.00	28.42 0.99 -1.15	77.35 -0.13 -80.81	52.52 1.67 -10.55	32.42 0.58 -20.60	47.90 2.28 -0.78	26.86 1.36 -0.44	26.79 1.35 0.00	28.84 1.32 -4.91	33.28 1.03 -14.63	31.73 1.47 -6.95	37.42 1.12 -19.43	34.15 1.60 -6.91	37.33 0.62 -26.37	33.80 0.40 -25.99	36.01 1.36 -6.28	36.30 1.52 -1.68	27.50 1.29 0.67	24.31 1.10 0.00	21.91 0.82 0.00
N.QUEENS_27_KV_LOAD 356247	34.21 1.66 -0.19	27.27 1.29 -1.67	27.20 1.37 0.00	25.00 1.23 0.00	24.66 1.17 0.00	28.62 1.12 -1.22	82.44 -0.16 -85.92	53.36 1.85 -11.22	33.83 0.69 -21.90	48.28 2.60 -0.83	27.12 1.59 -0.46	27.02 1.58 0.00	29.40 1.56 -5.22	34.39 1.20 -15.56	32.41 1.71 -7.40	38.80 1.27 -20.66	34.70 1.71 -7.35	39.02 0.65 -28.03	35.45 0.40 -27.64	36.41 1.36 -6.68	36.56 1.66 -1.79	28.98 1.52 -0.57	24.52 1.32 0.00	22.06 0.98 0.00
N.TROY___115KV_TB1 355778	33.15 1.12 0.32	27.39 0.93 -2.15	26.81 0.99 0.00	24.66 0.89 0.00	24.37 0.88 0.00	28.87 1.03 -1.57	107.24 -0.15 -110.71	56.42 1.67 -14.46	39.94 0.48 -28.22	47.65 1.73 -1.07	26.56 0.90 -0.60	26.30 0.86 0.00	30.08 0.82 -6.65	38.36 0.64 -20.09	33.66 0.80 -9.55	44.06 0.55 -26.64	35.99 0.88 -9.47	46.87 0.40 -36.12	43.32 0.30 -35.61	38.15 1.17 -8.61	36.70 1.28 -2.30	28.00 0.94 -0.18	24.00 0.80 0.00	21.73 0.64 0.00
NARROWS_GT1_1 24228	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT1_2 24229	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT1_3 24230	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT1_4 24231	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT1_5 24232	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT1_6 24233	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT1_7 24234	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT1_8 24235	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT2_1 24236	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT2_2 24237	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00

NARROWS_GT2_3 24238	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT2_4 24239	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT2_5 24240	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT2_6 24241	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT2_7 24242	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NARROWS_GT2_8 24243	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.67 1.43 0.12	27.41 1.10 -2.00	26.96 1.14 0.00	24.81 1.04 0.00	24.51 1.03 0.00	28.99 1.25 -1.47	99.82 -0.16 -103.30	55.98 2.20 -13.49	38.12 0.55 -26.33	47.59 1.75 -1.00	26.44 0.82 -0.56	26.25 0.81 0.00	29.63 0.79 -6.22	36.96 0.63 -18.72	32.99 0.79 -8.89	42.27 0.56 -24.84	35.40 0.93 -8.84	44.48 0.44 -33.71	40.97 0.34 -33.23	37.69 1.29 -8.03	37.01 1.75 -2.15	28.34 1.31 -0.15	24.26 1.05 0.00	21.92 0.83 0.00
NCHELSEA_115KV_TR2 355582	34.10 1.60 -0.14	27.23 1.25 -1.67	27.14 1.32 0.00	24.94 1.17 0.00	24.62 1.14 0.00	28.70 1.20 -1.22	82.68 -0.16 -86.17	53.58 2.04 -11.25	33.87 0.66 -21.96	48.23 2.56 -0.83	27.00 1.48 -0.47	26.91 1.47 0.00	29.24 1.40 -5.23	34.32 1.09 -15.60	32.26 1.54 -7.41	38.76 1.17 -20.72	34.73 1.72 -7.37	39.15 0.70 -28.12	35.59 0.46 -27.72	36.73 1.66 -6.70	36.79 1.88 -1.79	28.51 1.54 -0.10	24.50 1.30 0.00	22.09 1.00 0.00
NEG CAPITAL___MECHNVIL 23645	33.70 1.63 0.29	27.76 1.28 -2.16	27.18 1.35 0.00	25.01 1.24 0.00	24.72 1.24 0.00	29.32 1.46 -1.58	108.00 -0.20 -111.52	57.29 2.43 -14.57	40.35 0.68 -28.42	48.44 2.51 -1.08	27.01 1.35 -0.60	26.78 1.33 0.00	30.53 1.21 -6.70	38.83 0.96 -20.24	34.15 1.22 -9.62	44.60 0.89 -26.84	36.60 1.42 -9.54	47.36 0.63 -36.39	43.75 0.47 -35.88	38.83 1.78 -8.67	37.42 1.99 -2.32	28.52 1.46 -0.18	24.43 1.23 0.00	22.09 1.01 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.47 -0.89 0.00	23.69 -0.73 -0.11	24.98 -0.84 0.00	23.00 -0.77 0.00	22.74 -0.75 0.00	25.64 -0.71 -0.08	2.51 0.04 -5.79	40.54 -0.50 -0.75	12.55 -0.16 -1.47	43.98 -0.92 -0.06	24.54 -0.55 -0.03	24.90 -0.54 0.00	22.41 -0.58 -0.37	18.33 -0.40 -1.10	23.25 -0.59 -0.53	17.86 -0.42 -1.42	25.34 -0.80 -0.50	12.03 -0.20 -1.89	9.13 -0.14 -1.86	28.23 -0.59 -0.45	32.61 -0.63 -0.12	26.42 -0.46 0.00	22.91 -0.30 0.00	20.89 -0.20 0.00
NEG CENTRAL___DRP 24199	32.30 -0.06 0.00	24.34 -0.09 -0.12	25.65 -0.17 0.00	23.59 -0.17 0.00	23.34 -0.14 0.00	26.32 -0.05 -0.09	2.93 -0.01 -6.26	41.47 0.37 -0.82	12.91 0.09 -1.59	45.07 0.16 -0.06	25.11 0.02 -0.04	25.45 0.00 0.00	22.94 -0.07 -0.40	18.78 -0.04 -1.20	23.79 -0.10 -0.58	18.34 -0.06 -1.54	26.01 -0.16 -0.54	12.42 0.03 -2.05	9.46 0.04 -2.01	29.03 0.18 -0.49	33.42 0.17 -0.13	27.09 0.20 0.00	23.42 0.21 0.00	21.28 0.19 0.00
NEG CENTRAL___INDECK 23768	32.91 0.55 0.00	24.75 0.29 -0.15	26.00 0.18 0.00	23.94 0.17 0.00	23.64 0.16 0.00	26.73 0.34 -0.11	4.50 -0.09 -7.91	42.68 1.37 -1.03	13.56 0.32 -2.00	45.37 0.45 -0.08	25.20 0.10 -0.05	25.65 0.20 0.00	23.17 0.06 -0.50	19.13 0.02 -1.49	23.95 -0.09 -0.73	18.77 -0.03 -1.93	26.08 -0.23 -0.68	12.93 0.01 -2.58	10.05 0.10 -2.54	29.61 0.63 -0.61	34.15 0.87 -0.16	27.68 0.80 0.00	24.03 0.83 0.00	21.92 0.84 0.00
NEG CENTRAL___SENECA 23627	32.33 -0.03 0.00	24.38 -0.07 -0.13	25.70 -0.12 0.00	23.64 -0.13 0.00	23.38 -0.11 0.00	26.39 0.02 -0.10	3.48 -0.02 -6.82	41.64 0.47 -0.89	13.09 0.12 -1.73	45.17 0.26 -0.07	25.15 0.05 -0.04	25.49 0.04 0.00	23.03 -0.02 -0.43	18.93 0.01 -1.30	23.88 -0.06 -0.63	18.51 -0.03 -1.67	26.07 -0.15 -0.58	12.62 0.05 -2.23	9.66 0.05 -2.20	29.11 0.21 -0.53	33.48 0.23 -0.14	27.15 0.27 0.00	23.49 0.28 0.00	21.38 0.29 0.00
NEG CENTRAL___STATE_STREET 24147	32.78 0.42 0.00	24.71 0.28 -0.12	25.88 0.06 0.00	23.81 0.04 0.00	23.58 0.09 0.00	26.59 0.22 -0.09	2.78 -0.06 -6.17	41.97 0.87 -0.81	13.03 0.22 -1.57	45.63 0.72 -0.06	25.50 0.41 -0.04	25.86 0.42 0.00	23.24 0.23 -0.40	19.00 0.18 -1.20	24.07 0.19 -0.57	18.53 0.14 -1.53	26.37 0.20 -0.53	12.56 0.21 -2.01	9.56 0.17 -1.98	29.52 0.68 -0.48	33.87 0.64 -0.13	27.46 0.58 0.00	23.71 0.50 0.00	21.39 0.30 0.00
NEG MILLWOOD___DRP 24198	34.21 1.70 -0.16	27.33 1.32 -1.70	27.21 1.38 0.00	24.99 1.22 0.00	24.69 1.20 0.00	28.78 1.26 -1.24	84.06 -0.17 -87.55	53.85 2.13 -11.44	34.26 0.70 -22.32	48.42 2.73 -0.85	27.11 1.58 -0.47	27.02 1.57 0.00	29.43 1.50 -5.32	34.65 1.17 -15.86	32.48 1.64 -7.54	39.16 1.25 -21.05	34.95 1.83 -7.49	39.64 0.73 -28.57	36.06 0.48 -28.16	36.90 1.72 -6.81	36.90 1.96 -1.82	28.74 1.62 -0.24	24.57 1.36 0.00	22.14 1.05 0.00

NEG NORTH_FLCN_SEA 23793	32.80 0.44 0.00	24.48 0.17 0.00	26.10 0.27 0.00	24.09 0.32 0.00	23.72 0.23 0.00	26.20 -0.08 0.00	-3.41 -0.09 0.00	39.73 -0.56 0.00	-191.35 -0.13 202.46	35.02 -0.39 9.44	20.63 -0.67 3.76	24.98 -0.46 0.00	22.34 -0.27 0.00	17.47 -0.15 0.00	23.24 -0.07 0.00	16.74 -0.13 0.00	25.52 -0.12 0.00	10.18 -0.16 0.00	7.43 0.03 0.00	28.63 0.26 0.00	33.53 0.42 0.00	27.23 0.34 0.00	23.44 0.23 0.00	21.50 0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	32.41 0.05 0.00	24.19 -0.12 0.00	25.84 0.02 0.00	23.90 0.13 0.00	23.53 0.04 0.00	26.04 -0.23 0.00	-3.37 -0.05 0.00	39.59 -0.70 0.00	-191.39 -0.18 202.46	34.81 -0.60 9.44	20.61 -0.69 3.76	24.90 -0.54 0.00	22.26 -0.36 0.00	17.39 -0.24 0.00	23.12 -0.19 0.00	16.64 -0.22 0.00	25.38 -0.25 0.00	10.12 -0.22 0.00	7.35 -0.06 0.00	28.32 -0.05 0.00	33.16 0.05 0.00	26.93 0.04 0.00	23.19 -0.01 0.00	21.24 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	32.77 0.41 0.00	24.45 0.14 0.00	26.08 0.26 0.00	24.09 0.32 0.00	23.72 0.24 0.00	26.25 -0.03 0.00	-3.42 -0.09 0.00	39.88 -0.41 0.00	-191.30 -0.09 202.46	35.27 -0.13 9.44	20.77 -0.52 3.76	25.05 -0.39 0.00	22.39 -0.23 0.00	17.52 -0.11 0.00	23.30 -0.01 0.00	16.78 -0.08 0.00	25.58 -0.06 0.00	10.22 -0.13 0.00	7.44 0.03 0.00	28.66 0.29 0.00	33.58 0.46 0.00	27.25 0.36 0.00	23.45 0.24 0.00	21.49 0.41 0.00
NEG NORTH___LWR_SARANAC 23913	32.77 0.41 0.00	24.45 0.14 0.00	26.08 0.26 0.00	24.09 0.32 0.00	23.72 0.24 0.00	26.25 -0.03 0.00	-3.42 -0.09 0.00	39.88 -0.41 0.00	-191.30 -0.09 202.46	35.27 -0.13 9.44	20.77 -0.52 3.76	25.05 -0.39 0.00	22.39 -0.23 0.00	17.52 -0.11 0.00	23.30 -0.01 0.00	16.78 -0.08 0.00	25.58 -0.06 0.00	10.22 -0.13 0.00	7.44 0.03 0.00	28.66 0.29 0.00	33.58 0.46 0.00	27.25 0.36 0.00	23.45 0.24 0.00	21.49 0.41 0.00
NEG NORTH___PLATTSBURG 23628	32.77 0.41 0.00	24.45 0.14 0.00	26.07 0.25 0.00	24.09 0.32 0.00	23.72 0.24 0.00	26.27 -0.01 0.00	-3.41 -0.09 0.00	39.88 -0.41 0.00	-191.30 -0.09 202.46	35.28 -0.12 9.44	20.78 -0.52 3.76	25.05 -0.39 0.00	22.39 -0.23 0.00	17.52 -0.11 0.00	23.30 -0.01 0.00	16.78 -0.08 0.00	25.58 -0.06 0.00	10.21 -0.12 0.00	7.44 0.03 0.00	28.66 0.29 0.00	33.58 0.46 0.00	27.25 0.37 0.00	23.46 0.25 0.00	21.49 0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	31.42 -0.93 0.00	23.64 -0.81 -0.13	24.90 -0.93 0.00	22.98 -0.79 0.00	22.68 -0.80 0.00	25.62 -0.75 -0.10	3.65 0.05 -6.92	40.86 0.05 -0.90	12.83 -0.16 -1.75	43.75 -1.16 -0.07	24.48 -0.62 -0.04	24.81 -0.63 0.00	22.29 -0.75 -0.43	18.46 -0.47 -1.30	23.17 -0.77 -0.63	17.98 -0.58 -1.69	25.00 -1.23 -0.59	12.26 -0.34 -2.26	9.36 -0.27 -2.23	27.80 -1.11 -0.54	32.15 -1.11 -0.14	26.21 -0.67 0.00	22.98 -0.22 0.00	21.10 0.01 0.00
NEG WEST___LANCASTR 23811	31.63 -0.73 0.00	23.79 -0.68 -0.15	25.05 -0.77 0.00	23.08 -0.69 0.00	22.81 -0.68 0.00	25.82 -0.57 -0.11	4.55 0.05 -7.82	41.15 -0.15 -1.01	13.14 -0.07 -1.97	44.41 -0.51 -0.08	24.65 -0.45 -0.04	25.00 -0.44 0.00	22.55 -0.55 -0.49	18.74 -0.35 -1.47	23.48 -0.55 -0.72	18.35 -0.42 -1.91	25.39 -0.92 -0.67	12.61 -0.28 -2.55	9.68 -0.24 -2.51	28.11 -0.87 -0.61	32.49 -0.78 -0.16	26.46 -0.42 0.00	23.11 -0.09 0.00	21.16 0.07 0.00
NEG_PENN_ALLEGHNY 23528	32.47 0.11 0.00	24.62 0.03 -0.27	25.83 0.00 0.00	23.73 -0.04 0.00	23.45 -0.03 0.00	26.54 0.06 -0.20	10.68 -0.01 -14.01	42.54 0.45 -1.80	14.91 0.15 -3.53	45.48 0.49 -0.14	25.27 0.14 -0.08	25.58 0.13 0.00	23.61 0.13 -0.86	20.33 0.11 -2.59	24.71 0.11 -1.29	20.37 0.11 -3.40	26.91 0.08 -1.20	14.99 0.08 -4.57	11.96 0.04 -4.51	29.66 0.20 -1.09	33.66 0.25 -0.29	27.14 0.26 0.00	23.42 0.22 0.00	21.30 0.21 0.00
NEG___GEN_MONROE 24207	32.15 -0.21 0.00	24.18 -0.24 -0.11	25.48 -0.34 0.00	23.49 -0.28 0.00	23.21 -0.28 0.00	26.18 -0.18 -0.08	2.58 -0.03 -5.94	41.60 0.54 -0.77	12.83 0.09 -1.50	44.87 -0.03 -0.06	25.03 -0.06 0.00	25.37 -0.07 -0.37	22.78 -0.20 -1.12	18.68 -0.07 -0.54	23.65 -0.20 -0.13	18.19 -0.43 -1.45	25.72 -0.43 -0.51	12.24 -0.04 -1.94	9.30 -0.01 -1.91	28.74 -0.09 -0.46	33.27 0.03 -0.12	27.00 0.12 0.00	23.48 0.28 0.00	21.48 0.39 0.00
NEPA___ENERGY 23901	31.89 -0.46 0.00	23.96 -0.50 -0.15	25.21 -0.62 0.00	23.17 -0.60 0.00	22.91 -0.57 0.00	26.01 -0.37 -0.11	4.66 0.04 -7.95	41.59 0.28 -1.03	13.31 0.07 -2.00	45.08 0.15 -0.08	24.91 -0.19 -0.05	25.24 -0.20 0.00	22.88 -0.23 -0.50	19.06 -0.06 -1.49	23.87 -0.17 -0.73	18.71 -0.10 -1.94	25.81 -0.51 -0.68	12.82 -0.12 -2.59	9.82 -0.14 -2.56	28.40 -0.59 -0.62	32.68 -0.60 -0.16	26.66 -0.22 0.00	23.19 -0.02 0.00	21.22 0.13 0.00
NEVERSINK___HYD 23608	33.52 1.07 -0.09	26.47 0.80 -1.36	26.66 0.84 0.00	24.48 0.72 0.00	24.22 0.73 0.00	28.02 0.75 -1.00	66.80 -0.09 -70.21	50.77 1.32 -9.17	29.58 0.44 -17.89	47.16 1.65 -0.66	26.38 0.96 -0.37	26.37 0.92 0.00	27.65 0.89 -4.15	30.75 0.74 -12.39	30.22 1.05 -5.86	34.36 0.79 -16.71	32.76 1.12 -6.01	33.73 0.48 -22.91	30.32 0.33 -22.58	34.99 1.16 -5.46	35.85 1.28 -1.46	27.92 1.03 0.00	24.07 0.87 0.00	21.74 0.66 0.00
NEWKRMKL_115KV_TB1 55635	32.72 0.60 0.23	26.97 0.51 -2.14	26.37 0.55 0.00	24.26 0.49 0.00	23.98 0.49 0.00	28.39 0.55 -1.57	106.95 -0.08 -110.35	55.64 0.93 -14.41	39.65 0.28 -28.13	46.92 1.01 -1.07	26.18 0.52 -0.60	25.95 0.51 0.00	29.79 0.53 -6.64	38.06 0.41 -20.02	33.34 0.51 -9.52	43.79 0.36 -26.56	35.63 0.55 -9.44	46.59 0.24 -36.01	43.08 0.17 -35.50	37.63 0.68 -8.58	36.15 0.75 -2.29	27.58 0.52 -0.18	23.64 0.43 0.00	21.40 0.32 0.00
NEWTON___FALLS_HYD 23847	32.09 -0.27 0.00	24.08 -0.23 0.00	25.59 -0.23 0.00	23.56 -0.21 0.00	23.36 -0.13 0.00	26.21 -0.07 0.00	-3.31 0.01 0.00	40.22 -0.07 0.00	11.10 -0.14 0.00	44.26 -0.58 0.00	24.78 -0.28 0.00	25.14 -0.30 0.00	22.17 -0.44 0.00	17.19 -0.44 0.00	22.70 -0.61 0.00	16.45 -0.41 0.00	25.23 -0.41 0.00	10.17 -0.17 0.00	7.36 -0.05 0.00	28.38 0.01 0.00	33.18 0.07 0.00	26.85 -0.03 0.00	23.11 -0.10 0.00	21.01 -0.08 0.00
NGRID_A1_DSASP 323792	30.93 -1.43 0.00	23.29 -1.16 -0.14	24.51 -1.31 0.00	22.62 -1.15 0.00	22.33 -1.16 0.00	25.19 -1.18 -0.10	3.77 0.08 -7.01	40.11 -1.09 -0.91	12.66 -0.34 -1.77	42.94 -1.98 -0.07	24.02 -1.08 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.23 -0.72 -1.32	22.82 -1.13 -0.64	17.75 -0.83 -1.71	24.63 -1.61 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.58 -0.55	31.65 -1.61 -0.14	25.80 -1.08 0.00	22.64 -0.56 0.00	20.92 -0.17 0.00
NGRID_A2_DSASP 323793	30.93 -1.43 0.00	23.29 -1.16 -0.14	24.51 -1.31 0.00	22.62 -1.15 0.00	22.33 -1.16 0.00	25.19 -1.18 -0.10	3.77 0.08 -7.01	40.11 -1.09 -0.91	12.66 -0.34 -1.77	42.94 -1.98 -0.07	24.02 -1.08 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.23 -0.72 -1.32	22.82 -1.13 -0.64	17.75 -0.83 -1.71	24.63 -1.61 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.58 -0.55	31.65 -1.61 -0.14	25.80 -1.08 0.00	22.64 -0.56 0.00	20.92 -0.17 0.00

NGRID_A4_DSASP 323807	30.93 -1.43 0.00	23.28 -1.17 -0.14	24.51 -1.31 0.00	22.63 -1.14 0.00	22.34 -1.15 0.00	25.22 -1.16 -0.10	3.78 0.08 -7.01	40.13 -1.07 -0.91	12.66 -0.35 -1.77	42.94 -1.97 -0.07	24.01 -1.09 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.21 -0.73 -1.32	22.81 -1.14 -0.64	17.74 -0.84 -1.71	24.60 -1.64 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.57 -0.55	31.65 -1.61 -0.14	25.83 -1.06 0.00	22.68 -0.53 0.00	20.92 -0.17 0.00
NIAGARA_115E_LBMP 323715	31.00 -1.36 0.00	23.33 -1.11 -0.14	24.57 -1.26 0.00	22.67 -1.10 0.00	22.37 -1.12 0.00	25.24 -1.14 -0.10	3.81 0.10 -7.03	40.30 -0.89 -0.91	12.69 -0.33 -1.77	43.06 -1.86 -0.07	24.08 -1.02 -0.04	24.45 -0.99 0.00	22.00 -1.06 -0.44	18.24 -0.71 -1.32	22.86 -1.09 -0.64	17.74 -0.84 -1.72	24.65 -1.59 -0.60	12.12 -0.52 -2.29	9.27 -0.39 -2.26	27.34 -1.58 -0.55	31.55 -1.71 -0.15	25.72 -1.17 0.00	22.58 -0.63 0.00	20.78 -0.31 0.00
NIAGARA_115W_LBMP 323714	30.88 -1.49 0.00	23.24 -1.21 -0.14	24.47 -1.36 0.00	22.58 -1.19 0.00	22.28 -1.20 0.00	25.14 -1.23 -0.10	3.77 0.09 -7.01	40.04 -1.16 -0.91	12.64 -0.37 -1.77	42.85 -2.07 -0.07	23.97 -1.13 -0.04	24.35 -1.09 0.00	21.92 -1.13 -0.44	18.19 -0.75 -1.32	22.77 -1.18 -0.64	17.71 -0.87 -1.71	24.57 -1.66 -0.60	12.07 -0.55 -2.29	9.25 -0.40 -2.25	27.27 -1.64 -0.55	31.58 -1.68 -0.14	25.74 -1.14 0.00	22.60 -0.61 0.00	20.88 -0.21 0.00
NIAGARA_230_LBMP 323716	31.09 -1.26 0.00	23.40 -1.04 -0.13	24.66 -1.16 0.00	22.74 -1.03 0.00	22.45 -1.03 0.00	25.34 -1.04 -0.10	3.67 0.06 -6.93	40.31 -0.88 -0.90	12.71 -0.28 -1.75	43.25 -1.66 -0.07	24.14 -0.95 -0.04	24.52 -0.92 0.00	22.08 -0.97 -0.43	18.29 -0.63 -1.31	22.94 -1.00 -0.63	17.83 -0.73 -1.69	24.77 -1.47 -0.59	12.18 -0.43 -2.26	9.28 -0.35 -2.23	27.48 -1.43 -0.54	31.82 -1.44 -0.14	25.92 -0.96 0.00	22.73 -0.48 0.00	20.92 -0.17 0.00
NIAGARA__115KV_198_GIBSON 55903	30.87 -1.49 0.00	23.23 -1.22 -0.14	24.47 -1.36 0.00	22.59 -1.18 0.00	22.29 -1.19 0.00	25.17 -1.20 -0.10	3.77 0.09 -7.01	40.06 -1.14 -0.91	12.64 -0.37 -1.77	42.85 -2.06 -0.07	23.96 -1.14 -0.04	24.35 -1.09 0.00	21.92 -1.13 -0.44	18.17 -0.77 -1.32	22.76 -1.19 -0.64	17.70 -0.87 -1.71	24.55 -1.69 -0.60	12.07 -0.55 -2.29	9.26 -0.40 -2.25	27.27 -1.64 -0.55	31.58 -1.68 -0.14	25.77 -1.11 0.00	22.63 -0.57 0.00	20.88 -0.21 0.00
NIAGARA____ 23760	31.09 -1.26 0.00	23.41 -1.04 -0.14	24.66 -1.16 0.00	22.74 -1.03 0.00	22.45 -1.03 0.00	25.34 -1.04 -0.10	3.75 0.06 -7.02	40.32 -0.88 -0.91	12.72 -0.28 -1.76	43.25 -1.66 -0.07	24.14 -0.95 -0.04	24.52 -0.92 0.00	22.08 -0.97 -0.44	18.30 -0.63 -1.31	22.95 -1.00 -0.64	17.84 -0.73 -1.71	24.77 -1.47 -0.59	12.19 -0.43 -2.28	9.31 -0.35 -2.25	27.49 -1.43 -0.54	31.82 -1.44 -0.14	25.92 -0.96 0.00	22.73 -0.48 0.00	20.92 -0.17 0.00
NINE_MILE_1 23575	31.49 -0.87 0.00	23.71 -0.67 -0.06	25.09 -0.73 0.00	23.09 -0.68 0.00	22.81 -0.67 0.00	25.63 -0.70 -0.05	0.11 0.08 -3.35	39.84 -0.88 -0.44	11.84 -0.25 -0.85	43.77 -1.11 -0.03	24.44 -0.64 -0.02	24.79 -0.65 0.00	22.22 -0.60 -0.21	17.80 -0.46 -0.63	22.97 -0.64 -0.31	17.23 -0.45 -0.82	25.20 -0.72 -0.29	11.19 -0.25 -1.09	8.31 -0.17 -1.08	27.96 -0.67 -0.26	32.41 -0.77 -0.07	26.27 -0.62 0.00	22.70 -0.51 0.00	20.63 -0.46 0.00
NINE_MILE_2 23744	31.50 -0.86 0.00	23.71 -0.67 -0.06	25.09 -0.73 0.00	23.09 -0.68 0.00	22.82 -0.67 0.00	25.63 -0.69 -0.05	0.10 0.08 -3.34	39.84 -0.88 -0.44	11.83 -0.25 -0.85	43.77 -1.11 -0.03	24.44 -0.64 -0.02	24.79 -0.65 0.00	22.23 -0.60 -0.21	17.80 -0.46 -0.63	22.98 -0.63 -0.31	17.23 -0.45 -0.82	25.20 -0.72 -0.28	11.19 -0.25 -1.09	8.30 -0.17 -1.08	27.96 -0.67 -0.26	32.41 -0.77 -0.07	26.27 -0.61 0.00	22.70 -0.51 0.00	20.63 -0.45 0.00
NM_CAPITAL____DRP 24208	32.78 0.68 0.26	27.03 0.58 -2.14	26.44 0.61 0.00	24.32 0.55 0.00	24.03 0.54 0.00	28.46 0.62 -1.56	106.68 -0.09 -110.08	55.70 1.03 -14.38	39.61 0.31 -28.06	47.02 1.11 -1.07	26.23 0.58 -0.60	25.99 0.55 0.00	29.81 0.57 -6.62	38.04 0.44 -19.97	33.34 0.54 -9.50	43.73 0.38 -26.49	35.63 0.58 -9.42	46.51 0.25 -35.92	43.00 0.19 -35.41	37.64 0.71 -8.56	36.18 0.78 -2.29	27.62 0.55 -0.18	23.67 0.47 0.00	21.44 0.35 0.00
NM_CENTRAL____DRP 24181	32.05 -0.31 0.00	24.15 -0.25 -0.09	25.52 -0.30 0.00	23.47 -0.30 0.00	23.21 -0.28 0.00	26.10 -0.24 -0.06	1.25 0.01 -4.56	40.81 -0.08 -0.59	12.37 -0.03 -1.16	44.65 -0.24 -0.05	24.92 -0.16 -0.03	25.26 -0.18 0.00	22.72 -0.18 -0.29	18.35 -0.14 -0.87	23.50 -0.23 -0.42	17.83 -0.15 -1.12	25.76 -0.27 -0.39	11.79 -0.04 -1.49	8.85 -0.02 -1.47	28.63 -0.09 -0.35	33.12 -0.09 -0.09	26.81 -0.07 0.00	23.16 -0.04 0.00	21.05 -0.04 0.00
NM_FRONTIER____DRP 24179	30.87 -1.49 0.00	23.23 -1.22 -0.14	24.47 -1.36 0.00	22.59 -1.18 0.00	22.29 -1.19 0.00	25.17 -1.20 -0.10	3.77 0.09 -7.01	40.06 -1.14 -0.91	12.64 -0.37 -1.77	42.85 -2.06 -0.07	23.96 -1.14 -0.04	24.35 -1.09 0.00	21.92 -1.13 -0.44	18.17 -0.77 -1.32	22.76 -1.19 -0.64	17.70 -0.87 -1.71	24.55 -1.69 -0.60	12.07 -0.55 -2.29	9.26 -0.40 -2.25	27.27 -1.64 -0.55	31.58 -1.68 -0.14	25.77 -1.11 0.00	22.63 -0.57 0.00	20.88 -0.21 0.00
NM_ST_REGIS____HYD 24053	31.84 -0.52 0.00	23.85 -0.47 0.00	25.44 -0.38 0.00	23.48 -0.29 0.00	23.19 -0.29 0.00	25.87 -0.40 0.00	-3.28 0.04 0.00	39.45 -0.84 0.00	-191.55 -0.33 202.46	34.39 -1.02 9.44	20.66 -0.64 3.76	24.87 -0.58 0.00	22.06 -0.56 0.00	17.18 -0.44 0.00	22.75 -0.56 0.00	16.43 -0.43 0.00	25.16 -0.48 0.00	10.06 -0.28 0.00	7.26 -0.14 0.00	27.95 -0.42 0.00	32.68 -0.44 0.00	26.47 -0.41 0.00	22.77 -0.44 0.00	20.78 -0.31 0.00
NORTHPORT____1 23551	35.38 2.38 -0.64	27.89 1.90 -1.67	29.00 2.00 -1.18	27.13 1.87 -1.50	25.21 1.73 0.00	29.28 1.78 -1.22	82.41 -0.23 -85.96	53.78 2.26 -11.23	34.08 0.93 -21.91	49.02 3.34 -0.83	34.66 2.11 -7.50	28.60 2.07 -1.09	35.58 1.90 -11.07	56.80 1.43 -37.74	39.04 1.98 -13.75	72.53 1.45 -54.22	90.18 2.10 -62.45	72.59 0.81 -61.43	46.49 0.54 -38.54	38.84 1.99 -8.49	54.16 2.45 -18.59	46.01 2.10 -17.03	30.30 1.95 -5.15	22.68 1.59 0.00
NORTHPORT____2 23552	35.38 2.38 -0.64	27.89 1.90 -1.67	29.00 2.00 -1.18	27.13 1.87 -1.50	25.21 1.73 0.00	29.28 1.78 -1.22	82.41 -0.23 -85.96	53.78 2.26 -11.23	34.08 0.93 -21.91	49.02 3.34 -0.83	34.66 2.11 -7.50	28.60 2.07 -1.09	35.58 1.90 -11.07	56.80 1.43 -37.74	39.04 1.98 -13.75	72.53 1.45 -54.22	90.18 2.10 -62.45	72.59 0.81 -61.43	46.49 0.54 -38.54	38.84 1.99 -8.49	54.16 2.45 -18.59	46.01 2.10 -17.03	30.30 1.95 -5.15	22.68 1.59 0.00
NORTHPORT____3 23553	35.36 2.36 -0.64	27.84 1.85 -1.67	28.94 1.94 -1.18	27.04 1.78 -1.50	25.15 1.66 0.00	29.23 1.73 -1.22	82.41 -0.23 -85.96	53.82 2.30 -11.23	34.05 0.90 -21.91	49.00 3.32 -0.83	34.62 2.06 -7.50	28.57 2.04 -1.09	35.59 1.90 -11.07	56.82 1.45 -37.74	39.07 2.01 -13.75	72.57 1.49 -54.22	90.25 2.17 -62.45	72.62 0.85 -61.43	46.51 0.56 -38.54	38.89 2.03 -8.49	54.05 2.34 -18.59	45.88 1.97 -17.03	30.15 1.80 -5.15	22.52 1.43 0.00

NORTHPORT___4 23650	35.36 2.36 -0.64	27.84 1.85 -1.67	28.94 1.94 -1.18	27.04 1.78 -1.50	25.15 1.66 0.00	29.23 1.73 -1.22	82.41 -0.23 -85.96	53.82 2.30 -11.23	34.05 0.90 -21.91	49.00 3.32 -0.83	34.62 2.06 -7.50	28.57 2.04 -1.09	35.59 1.90 -11.07	56.82 1.45 -37.74	39.07 2.01 -13.75	72.57 1.49 -54.22	90.25 2.17 -62.45	72.62 0.85 -61.43	46.51 0.56 -38.54	38.89 2.03 -8.49	54.05 2.34 -18.59	45.88 1.97 -17.03	30.15 1.80 -5.15	22.52 1.43 0.00
NORTHPORT___IC 23718	35.38 2.38 -0.64	27.89 1.90 -1.67	29.00 2.00 -1.18	27.13 1.87 -1.50	25.21 1.73 0.00	29.28 1.78 -1.22	82.41 -0.23 -85.96	53.78 2.26 -11.23	34.08 0.93 -21.91	49.02 3.34 -0.83	34.66 2.11 -7.50	28.60 2.07 -1.09	35.58 1.90 -11.07	56.80 1.43 -37.74	39.04 1.98 -13.75	72.53 1.45 -54.22	90.18 2.10 -62.45	72.59 0.81 -61.43	46.49 0.54 -38.54	38.84 1.99 -8.49	54.16 2.45 -18.59	46.01 2.10 -17.03	30.30 1.95 -5.15	22.68 1.59 0.00
NORTH___COUNTRY_ESR 323785	32.30 -0.06 0.00	24.11 -0.20 0.00	25.75 -0.07 0.00	23.82 0.06 0.00	23.46 -0.03 0.00	25.98 -0.30 0.00	-3.36 -0.04 0.00	39.44 -0.85 0.00	-191.42 -0.20 202.46	34.65 -0.76 9.44	20.52 -0.78 3.76	24.83 -0.61 0.00	22.18 -0.43 0.00	17.33 -0.30 0.00	23.05 -0.26 0.00	16.59 -0.27 0.00	25.30 -0.34 0.00	10.08 -0.26 0.00	7.32 -0.09 0.00	28.20 -0.17 0.00	33.03 -0.09 0.00	26.83 -0.06 0.00	23.13 -0.08 0.00	21.17 0.08 0.00
NPX_GEN_1385_PROXY 323591	34.56 1.56 -0.64	27.29 1.31 -1.67	28.56 1.57 -1.18	27.04 1.77 -1.50	25.04 1.56 0.00	28.90 1.40 -1.22	82.46 -0.17 -85.96	52.58 1.07 -11.23	33.86 0.71 -21.91	48.13 2.45 -0.83	34.12 1.57 -7.50	19.86 1.09 6.67	34.74 1.05 -11.07	56.24 0.87 -37.74	38.20 1.14 -13.75	68.58 0.85 -50.87	89.30 1.22 -62.45	-11.10 0.44 21.89	-94.24 0.27 101.91	37.82 0.97 -8.49	53.17 1.47 -18.59	45.14 1.23 -17.03	29.61 1.26 -5.15	22.26 1.17 0.01
NPX_GEN_CSC 323557	36.36 3.37 -0.64	28.52 2.54 -1.67	29.59 2.59 -1.18	27.63 2.36 -1.50	25.68 2.19 0.00	29.84 2.34 -1.22	82.32 -0.31 -85.96	54.95 3.43 -11.23	34.40 1.25 -21.91	50.24 4.56 -0.83	35.16 2.60 -7.50	29.11 2.58 -1.09	36.06 2.37 -11.07	57.21 1.84 -37.74	39.70 2.65 -13.75	72.99 1.91 -54.22	90.90 2.82 -62.45	72.91 1.14 -61.43	46.73 0.79 -38.54	39.76 2.91 -8.49	55.24 3.53 -18.59	46.89 2.98 -17.03	31.06 2.71 -5.15	23.17 2.09 0.01
NSINS_S_GLNS_FALLS 23858	34.15 2.05 0.26	28.09 1.60 -2.17	27.56 1.73 0.00	25.40 1.63 0.00	25.10 1.62 0.00	29.78 1.91 -1.59	108.38 -0.27 -111.97	58.21 3.30 -14.62	40.67 0.90 -28.54	49.12 3.19 -1.09	27.40 1.74 -0.61	27.12 1.68 0.00	30.84 1.49 -6.74	39.15 1.21 -20.32	34.47 1.50 -9.66	44.98 1.17 -26.95	37.11 1.89 -9.58	47.71 0.83 -36.53	44.04 0.62 -36.02	39.44 2.37 -8.71	38.08 2.64 -2.33	28.94 1.88 -0.18	24.75 1.54 0.00	22.39 1.31 0.00
NUCOR_STEEL___DRP 24197	32.53 0.17 0.00	24.56 0.13 -0.12	25.83 0.00 0.00	23.74 -0.03 0.00	23.55 0.07 0.00	26.56 0.20 -0.08	2.60 -0.03 -5.95	41.66 0.59 -0.78	12.90 0.14 -1.52	45.31 0.40 -0.06	25.32 0.23 -0.03	25.69 0.25 0.00	23.05 0.05 -0.38	18.82 0.04 -1.16	23.88 0.02 -0.55	18.36 0.02 -1.47	26.16 0.01 -0.51	12.42 0.13 -1.94	9.44 0.12 -1.92	29.29 0.46 -0.46	33.60 0.36 -0.12	27.26 0.38 0.00	23.56 0.36 0.00	21.31 0.22 0.00
NUMBER_THREE_WT_PWR 323818	32.62 0.26 0.00	24.56 0.21 -0.04	26.02 0.19 0.00	23.92 0.15 0.00	23.77 0.29 0.00	26.77 0.47 -0.03	-1.44 -0.06 -1.94	41.44 0.90 -0.25	11.87 0.14 -0.49	45.12 0.26 -0.02	25.26 0.19 -0.01	25.57 0.13 0.00	22.57 -0.17 -0.12	17.73 -0.27 -0.37	23.07 -0.42 -0.18	17.11 -0.23 -0.48	25.71 -0.09 -0.17	11.00 0.02 -0.64	8.15 0.12 -0.63	29.20 0.68 -0.15	33.99 0.84 -0.04	27.46 0.58 0.00	23.63 0.43 0.00	21.46 0.38 0.00
NYISO_LBMP_REFERENCE 24008	32.36 0.00 0.00	24.31 0.00 0.00	25.82 0.00 0.00	23.77 0.00 0.00	23.48 0.00 0.00	26.28 0.00 0.00	-3.32 0.00 0.00	40.29 0.00 0.00	11.24 0.00 0.00	44.85 0.00 0.00	25.06 0.00 0.00	25.44 0.00 0.00	22.61 0.00 0.00	17.63 0.00 0.00	23.31 0.00 0.00	16.87 0.00 0.00	25.64 0.00 0.00	10.34 0.00 0.00	7.40 0.00 0.00	28.37 0.00 0.00	33.11 0.00 0.00	26.88 0.00 0.00	23.21 0.00 0.00	21.09 0.00 0.00
NYPA_BRENTWD___GT 24164	35.94 2.94 -0.64	28.27 2.29 -1.67	29.37 2.37 -1.18	27.45 2.18 -1.50	25.52 2.03 0.00	29.64 2.14 -1.22	82.35 -0.28 -85.96	54.50 2.99 -11.23	34.27 1.12 -21.91	49.77 4.09 -0.83	35.03 2.48 -7.50	29.00 2.47 -1.09	35.95 2.26 -11.07	57.11 1.74 -37.74	39.48 2.42 -13.75	72.86 1.78 -54.22	90.59 2.51 -62.45	72.74 0.97 -61.43	46.59 0.65 -38.54	39.43 2.57 -8.49	54.82 3.12 -18.59	46.52 2.61 -17.03	30.72 2.37 -5.15	23.00 1.90 0.00
NYPA_GOWANUS___GT5 24156	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.06 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NYPA_GOWANUS___GT6 24157	34.40 1.86 -0.19	27.42 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.83 1.33 -1.22	82.43 -0.17 -85.92	53.52 2.01 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.49 1.78 -7.40	38.85 1.32 -20.66	34.83 1.84 -7.35	39.06 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.06 1.60 -0.57	24.58 1.38 0.00	22.13 1.04 0.00
NYPA_HARLEM__RVR_GT1 24160	34.15 1.61 -0.19	27.24 1.26 -1.67	27.16 1.34 0.00	24.97 1.20 0.00	24.63 1.15 0.00	28.61 1.12 -1.22	82.44 -0.16 -85.92	53.32 1.81 -11.22	33.81 0.67 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	39.00 0.62 -28.03	35.43 0.39 -27.64	36.37 1.31 -6.68	36.51 1.62 -1.79	28.95 1.49 -0.57	24.49 1.28 0.00	22.03 0.94 0.00
NYPA_HARLEM__RVR_GT2 24161	34.15 1.61 -0.19	27.24 1.26 -1.67	27.16 1.34 0.00	24.97 1.20 0.00	24.63 1.15 0.00	28.61 1.12 -1.22	82.44 -0.16 -85.92	53.32 1.81 -11.22	33.81 0.67 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	39.00 0.62 -28.03	35.43 0.39 -27.64	36.37 1.31 -6.68	36.51 1.62 -1.79	28.95 1.49 -0.57	24.49 1.28 0.00	22.03 0.94 0.00
NYPA_KENT___GT 24152	34.34 1.80 -0.19	27.38 1.40 -1.67	27.31 1.49 0.00	25.09 1.32 0.00	24.76 1.28 0.00	28.78 1.28 -1.22	82.43 -0.16 -85.92	53.48 1.97 -11.22	33.86 0.72 -21.90	48.46 2.78 -0.83	27.21 1.69 -0.47	27.14 1.70 0.00	29.47 1.64 -5.22	34.44 1.25 -15.56	32.47 1.76 -7.40	38.84 1.31 -20.66	34.81 1.82 -7.35	39.05 0.68 -28.03	35.47 0.43 -27.64	36.53 1.48 -6.68	36.65 1.75 -1.79	29.03 1.58 -0.57	24.55 1.35 0.00	22.11 1.02 0.00

NYPA_POUCH1____GT 24155	34.38 1.84 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.14 1.37 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.16 -85.92	53.36 1.85 -11.22	33.82 0.69 -21.89	-217.33 2.66 264.84	6.86 1.62 19.81	27.07 1.63 0.00	29.42 1.58 -5.22	34.38 1.19 -15.56	32.41 1.71 -7.40	38.74 1.27 -20.61	34.71 1.76 -7.31	38.80 0.65 -27.81	35.44 0.42 -27.61	36.44 1.41 -6.65	36.46 1.68 -1.66	28.99 1.54 -0.57	24.53 1.33 0.00	22.07 0.98 0.00
NYPA_VERNON____GT2 24162	34.29 1.74 -0.19	27.33 1.35 -1.67	27.25 1.43 0.00	25.04 1.27 0.00	24.72 1.24 0.00	28.73 1.23 -1.22	82.43 -0.16 -85.92	53.43 1.92 -11.22	33.85 0.71 -21.90	48.41 2.73 -0.83	27.18 1.66 -0.47	27.12 1.68 0.00	29.45 1.61 -5.22	34.42 1.23 -15.56	32.45 1.74 -7.40	38.82 1.29 -20.66	34.79 1.80 -7.35	39.05 0.67 -28.03	35.47 0.42 -27.64	36.50 1.44 -6.68	36.63 1.73 -1.79	29.01 1.56 -0.57	24.52 1.32 0.00	22.08 0.99 0.00
NYPA_VERNON____GT3 24163	34.29 1.74 -0.19	27.33 1.35 -1.67	27.25 1.43 0.00	25.04 1.27 0.00	24.72 1.24 0.00	28.73 1.23 -1.22	82.43 -0.16 -85.92	53.43 1.92 -11.22	33.85 0.71 -21.90	48.41 2.73 -0.83	27.18 1.66 -0.47	27.12 1.68 0.00	29.45 1.61 -5.22	34.42 1.23 -15.56	32.45 1.74 -7.40	38.82 1.29 -20.66	34.79 1.80 -7.35	39.05 0.67 -28.03	35.47 0.42 -27.64	36.50 1.44 -6.68	36.63 1.73 -1.79	29.01 1.56 -0.57	24.52 1.32 0.00	22.08 0.99 0.00
NYPA____ASTORIA_CC1 323568	34.21 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.67 1.19 0.00	28.68 1.18 -1.22	82.44 -0.16 -85.92	53.36 1.85 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.13 1.60 -0.46	27.05 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.95 1.50 -0.57	24.48 1.27 0.00	22.03 0.94 0.00
NYPA____ASTORIA_CC2 323569	34.21 1.67 -0.19	27.28 1.30 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.67 1.19 0.00	28.68 1.18 -1.22	82.44 -0.16 -85.92	53.36 1.85 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.13 1.60 -0.46	27.05 1.61 0.00	29.40 1.57 -5.22	34.38 1.19 -15.56	32.40 1.69 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.95 1.50 -0.57	24.48 1.27 0.00	22.03 0.94 0.00
NYPA____HOLTSVILL 23794	35.86 2.86 -0.64	28.21 2.23 -1.67	29.30 2.30 -1.18	27.37 2.10 -1.50	25.43 1.95 0.00	29.55 2.06 -1.22	82.37 -0.27 -85.96	54.39 2.87 -11.23	34.24 1.09 -21.91	49.64 3.96 -0.83	34.93 2.37 -7.50	28.88 2.35 -1.09	35.85 2.16 -11.07	57.02 1.65 -37.74	39.39 2.33 -13.75	72.78 1.70 -54.22	90.57 2.48 -62.45	72.75 0.98 -61.43	46.61 0.66 -38.54	39.30 2.44 -8.49	54.68 2.98 -18.59	46.44 2.53 -17.03	30.67 2.32 -5.15	22.92 1.83 0.00
NYPA____HELLGATE_GT1 24158	34.15 1.61 -0.19	27.24 1.26 -1.67	27.16 1.34 0.00	24.97 1.20 0.00	24.63 1.15 0.00	28.61 1.12 -1.22	82.45 -0.15 -85.92	53.32 1.81 -11.22	33.81 0.67 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	39.00 0.62 -28.03	35.43 0.39 -27.64	36.37 1.31 -6.68	36.51 1.62 -1.79	28.95 1.49 -0.57	24.49 1.28 0.00	22.03 0.94 0.00
NYPA____HELLGATE_GT2 24159	34.15 1.61 -0.19	27.24 1.26 -1.67	27.16 1.34 0.00	24.97 1.20 0.00	24.63 1.15 0.00	28.61 1.12 -1.22	82.45 -0.15 -85.92	53.32 1.81 -11.22	33.81 0.67 -21.90	48.19 2.51 -0.83	27.06 1.54 -0.46	26.97 1.53 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.36 1.65 -7.40	38.75 1.22 -20.66	34.64 1.65 -7.35	39.00 0.62 -28.03	35.43 0.39 -27.64	36.37 1.31 -6.68	36.51 1.62 -1.79	28.95 1.49 -0.57	24.49 1.28 0.00	22.03 0.94 0.00
NYS_BARGE____HYD 23848	31.45 -0.91 0.00	23.66 -0.79 -0.13	24.92 -0.90 0.00	22.98 -0.79 0.00	22.68 -0.81 0.00	25.60 -0.77 -0.10	3.60 0.04 -6.87	40.87 -0.30 -0.89	12.83 -0.14 -1.73	43.76 -1.16 -0.07	24.49 -0.61 -0.04	24.82 -0.62 0.00	22.30 -0.74 -0.43	18.46 -0.46 -1.29	23.19 -0.75 -0.63	17.97 -0.57 -1.68	25.03 -1.20 -0.59	12.25 -0.33 -2.24	9.35 -0.27 -2.21	27.82 -1.08 -0.54	32.17 -1.09 -0.14	26.19 -0.69 0.00	22.96 -0.25 0.00	21.11 0.02 0.00
OAK ORCHARD____HYD 24046	31.98 -0.37 0.00	24.06 -0.36 -0.11	25.35 -0.48 0.00	23.36 -0.42 0.00	23.07 -0.42 0.00	26.03 -0.33 -0.08	2.56 -0.01 -5.90	41.21 0.15 -0.77	12.76 0.03 -1.49	44.66 -0.25 -0.06	24.92 -0.17 -0.03	25.28 -0.16 0.00	22.73 -0.26 -0.37	18.62 -0.12 -1.11	23.58 -0.26 -0.54	18.13 -0.18 -1.44	25.65 -0.50 -0.51	12.19 -0.08 -1.92	9.25 -0.06 -1.90	28.57 -0.26 -0.46	33.05 -0.19 -0.12	26.81 -0.07 0.00	23.31 0.10 0.00	21.27 0.19 0.00
OAKDALE__35_KV_LOAD 356122	32.37 0.01 0.00	24.54 -0.04 -0.27	25.75 -0.07 0.00	23.67 -0.10 0.00	23.39 -0.09 0.00	26.47 -0.01 -0.20	10.65 0.00 -13.98	42.38 0.30 -1.79	14.86 0.11 -3.51	45.31 0.33 -0.14	25.19 0.05 -0.08	25.48 0.04 0.00	23.52 0.05 -0.86	20.26 0.05 -2.58	24.65 0.04 -1.30	20.32 0.06 -3.39	26.82 -0.01 -1.20	14.94 0.04 -4.56	11.92 0.01 -4.49	29.54 0.08 -1.09	33.51 0.10 -0.29	27.04 0.16 0.00	23.35 0.15 0.00	21.23 0.14 0.00
OCC_CHEM____DRP 24175	30.93 -1.43 0.00	23.28 -1.17 -0.14	24.51 -1.31 0.00	22.63 -1.14 0.00	22.34 -1.15 0.00	25.22 -1.16 -0.10	3.78 0.08 -7.01	40.13 -1.07 -0.91	12.66 -0.35 -1.77	42.94 -1.97 -0.07	24.01 -1.09 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.21 -0.73 -1.32	22.81 -1.14 -0.64	17.74 -0.84 -1.71	24.60 -1.64 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.57 -0.55	31.65 -1.61 -0.14	25.83 -1.06 0.00	22.68 -0.53 0.00	20.92 -0.17 0.00
OH_GEN_PROXY 24063	31.13 -1.23 0.00	23.42 -1.03 -0.13	24.68 -1.14 0.00	22.76 -1.01 0.00	22.47 -1.01 0.00	25.36 -1.01 -0.10	3.66 0.06 -6.92	40.34 -0.84 -0.90	12.73 -0.26 -1.75	43.39 -1.52 -0.07	24.20 -0.89 -0.04	24.57 -0.87 0.00	22.12 -0.92 -0.43	18.32 -0.60 -1.30	22.99 -0.95 -0.63	17.87 -0.69 -1.69	24.83 -1.40 -0.59	12.19 -0.41 -2.26	9.29 -0.34 -2.23	27.55 -1.36 -0.54	31.90 -1.36 -0.14	25.98 -0.90 0.00	22.76 -0.45 0.00	20.92 -0.16 0.01
OLIN_CORP_DRP 24177	31.03 -1.33 0.00	23.35 -1.10 -0.14	24.59 -1.23 0.00	22.70 -1.07 0.00	22.40 -1.08 0.00	25.29 -1.08 -0.10	3.85 0.10 -7.07	40.37 -0.84 -0.92	12.70 -0.32 -1.78	43.11 -1.80 -0.07	24.10 -0.99 -0.04	24.48 -0.96 0.00	22.03 -1.04 -0.44	18.26 -0.70 -1.33	22.88 -1.07 -0.65	17.77 -0.82 -1.73	24.66 -1.58 -0.60	12.15 -0.50 -2.31	9.30 -0.38 -2.27	27.39 -1.53 -0.55	31.62 -1.64 -0.15	25.80 -1.09 0.00	22.65 -0.55 0.00	20.81 -0.28 0.00
OLIN_CORP_DSASP 323712	30.93 -1.43 0.00	23.29 -1.16 -0.14	24.51 -1.31 0.00	22.62 -1.15 0.00	22.33 -1.16 0.00	25.19 -1.18 -0.10	3.77 0.08 -7.01	40.11 -1.09 -0.91	12.66 -0.34 -1.77	42.94 -1.98 -0.07	24.02 -1.08 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.23 -0.72 -1.32	22.82 -1.13 -0.64	17.75 -0.83 -1.71	24.63 -1.61 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.58 -0.55	31.65 -1.61 -0.14	25.80 -1.08 0.00	22.64 -0.56 0.00	20.92 -0.17 0.00

ONEIDA_HERK_LFGE 323681	32.82 0.46 0.00	24.71 0.36 -0.03	26.24 0.42 0.00	24.12 0.35 0.00	23.91 0.42 0.00	26.86 0.56 -0.02	-1.69 -0.07 -1.71	41.48 0.97 -0.22	11.89 0.22 -0.43	45.58 0.72 -0.02	25.44 0.38 -0.01	25.79 0.35 0.00	22.93 0.20 -0.11	18.03 0.08 -0.33	23.52 0.05 -0.16	17.36 0.08 -0.42	26.03 0.25 -0.15	11.03 0.14 -0.56	8.11 0.15 -0.55	29.20 0.70 -0.13	33.97 0.82 -0.04	27.50 0.62 0.00	23.69 0.48 0.00	21.53 0.44 0.00
ONEIDA___115KV_TB4 55905	32.95 0.59 0.00	24.82 0.45 -0.06	26.33 0.51 0.00	24.21 0.45 0.00	23.97 0.49 0.00	26.96 0.64 -0.04	-0.42 -0.08 -2.98	41.80 1.12 -0.39	12.29 0.29 -0.76	45.87 1.00 -0.03	25.54 0.47 -0.02	25.89 0.45 0.00	23.21 0.40 -0.19	18.46 0.26 -0.57	23.86 0.27 -0.27	17.81 0.21 -0.73	26.29 0.39 -0.25	11.52 0.20 -0.97	8.54 0.18 -0.96	29.36 0.76 -0.23	34.07 0.89 -0.06	27.59 0.71 0.00	23.80 0.60 0.00	21.61 0.52 0.00
ONONDAGA_REF_OCCRA 23987	32.25 -0.11 0.00	24.31 -0.10 -0.10	25.68 -0.15 0.00	23.61 -0.16 0.00	23.34 -0.15 0.00	26.26 -0.09 -0.08	2.08 -0.01 -5.41	41.16 0.16 -0.70	12.64 0.03 -1.38	44.90 0.00 -0.05	25.04 -0.05 -0.03	25.39 -0.05 0.00	22.88 -0.08 -0.35	18.59 -0.07 -1.03	23.68 -0.13 -0.50	18.12 -0.07 -1.33	25.97 -0.13 -0.46	12.12 0.02 -1.76	9.17 0.03 -1.74	28.89 0.10 -0.42	33.36 0.13 -0.11	26.99 0.11 0.00	23.31 0.10 0.00	21.17 0.08 0.00
ONONDAGA___COGEN 23986	32.31 -0.05 0.00	24.37 -0.04 -0.10	25.74 -0.08 0.00	23.67 -0.09 0.00	23.40 -0.08 0.00	26.31 -0.04 -0.07	1.75 -0.01 -5.08	41.11 0.16 -0.66	12.52 0.00 -1.29	44.76 -0.13 -0.05	24.98 -0.11 -0.03	25.33 -0.11 0.00	22.79 -0.15 -0.32	18.46 -0.13 -0.97	23.57 -0.21 -0.47	17.98 -0.13 -1.25	25.95 -0.12 -0.43	12.05 0.05 -1.66	9.09 0.05 -1.63	28.95 0.18 -0.39	33.43 0.21 -0.10	27.06 0.17 0.00	23.37 0.17 0.00	21.22 0.14 0.00
ONTARIO___LFGE 23819	32.33 -0.03 0.00	24.38 -0.06 -0.13	25.70 -0.12 0.00	23.64 -0.13 0.00	23.37 -0.11 0.00	26.37 0.00 -0.10	3.48 -0.03 -6.82	41.65 0.47 -0.89	13.09 0.12 -1.73	45.17 0.26 -0.07	25.15 0.05 -0.04	25.49 0.04 0.00	23.03 -0.02 -0.43	18.93 0.01 -1.30	23.88 -0.06 -0.63	18.51 -0.03 -1.67	26.07 -0.15 -0.58	12.62 0.05 -2.23	9.66 0.05 -2.20	29.11 0.21 -0.53	33.48 0.23 -0.14	27.15 0.26 0.00	23.47 0.26 0.00	21.38 0.29 0.00
ORANGEVILLE_WT_PWR 323706	31.71 -0.64 0.00	23.89 -0.58 -0.16	25.10 -0.72 0.00	23.12 -0.64 0.00	22.81 -0.68 0.00	25.75 -0.64 -0.12	5.03 0.04 -8.32	41.11 -0.26 -1.08	13.27 -0.07 -2.10	44.27 -0.65 -0.08	24.64 -0.47 -0.05	24.97 -0.48 0.00	22.59 -0.55 -0.52	18.85 -0.34 -1.56	23.51 -0.56 -0.76	18.50 -0.39 -2.03	25.47 -0.88 -0.71	12.82 -0.23 -2.71	9.89 -0.19 -2.68	28.32 -0.69 -0.65	32.61 -0.68 -0.17	26.51 -0.37 0.00	23.12 -0.09 0.00	21.20 0.11 0.00
ORANGEVILLE___ESR 323794	31.71 -0.64 0.00	23.89 -0.58 -0.16	25.10 -0.72 0.00	23.12 -0.64 0.00	22.81 -0.68 0.00	25.75 -0.64 -0.12	5.03 0.04 -8.32	41.11 -0.26 -1.08	13.27 -0.07 -2.10	44.27 -0.65 -0.08	24.64 -0.47 -0.05	24.97 -0.48 0.00	22.59 -0.55 -0.52	18.85 -0.34 -1.56	23.51 -0.56 -0.76	18.50 -0.39 -2.03	25.47 -0.88 -0.71	12.82 -0.23 -2.71	9.89 -0.19 -2.68	28.32 -0.69 -0.65	32.61 -0.68 -0.17	26.51 -0.37 0.00	23.12 -0.09 0.00	21.20 0.11 0.00
OSWEGATCHIE___HYD 24044	32.09 -0.27 0.00	24.08 -0.23 0.00	25.59 -0.23 0.00	23.57 -0.21 0.00	23.36 -0.13 0.00	26.19 -0.08 0.00	-3.32 0.01 0.00	40.22 -0.07 0.00	11.09 -0.14 0.00	44.26 -0.59 0.00	24.78 -0.28 0.00	25.14 -0.30 0.00	22.17 -0.44 0.00	17.19 -0.44 0.00	22.70 -0.61 0.00	16.45 -0.41 0.00	25.23 -0.41 0.00	10.17 -0.17 0.00	7.36 -0.05 0.00	28.38 0.01 0.00	33.18 0.07 0.00	26.85 -0.03 0.00	23.10 -0.10 0.00	21.01 -0.08 0.00
OSWEGO___5 23606	31.69 -0.67 0.00	23.86 -0.52 -0.07	25.24 -0.58 0.00	23.22 -0.55 0.00	22.96 -0.53 0.00	25.79 -0.54 -0.05	0.46 0.06 -3.73	40.14 -0.63 -0.48	12.00 -0.18 -0.95	44.06 -0.82 -0.04	24.59 -0.49 -0.02	24.94 -0.50 0.00	22.38 -0.47 -0.23	17.98 -0.36 -0.70	23.15 -0.50 -0.34	17.43 -0.35 -0.91	25.39 -0.57 -0.32	11.37 -0.18 -1.22	8.48 -0.13 -1.20	28.17 -0.49 -0.29	32.63 -0.57 -0.08	26.44 -0.45 0.00	22.84 -0.37 0.00	20.76 -0.32 0.00
OSWEGO___6 23613	31.69 -0.67 0.00	23.86 -0.52 -0.07	25.24 -0.58 0.00	23.22 -0.55 0.00	22.96 -0.53 0.00	25.79 -0.54 -0.05	0.46 0.06 -3.73	40.14 -0.63 -0.48	12.00 -0.18 -0.95	44.06 -0.82 -0.04	24.59 -0.49 -0.02	24.94 -0.50 0.00	22.38 -0.47 -0.23	17.98 -0.36 -0.70	23.15 -0.50 -0.34	17.43 -0.35 -0.91	25.39 -0.57 -0.32	11.37 -0.18 -1.22	8.48 -0.13 -1.20	28.17 -0.49 -0.29	32.63 -0.57 -0.08	26.44 -0.45 0.00	22.84 -0.37 0.00	20.76 -0.32 0.00
OUTOKUMPU-AB___DRP 24206	31.70 -0.66 0.00	23.86 -0.59 -0.14	25.13 -0.69 0.00	23.17 -0.60 0.00	22.87 -0.61 0.00	25.86 -0.51 -0.10	3.81 0.01 -7.12	41.22 0.01 -0.93	12.99 -0.04 -1.80	44.20 -0.72 -0.07	24.70 -0.39 -0.04	25.07 -0.37 0.00	22.56 -0.50 -0.45	18.71 -0.26 -1.34	23.46 -0.50 -0.65	18.23 -0.38 -1.74	25.32 -0.93 -0.61	12.44 -0.23 -2.32	9.51 -0.19 -2.29	28.15 -0.78 -0.55	32.55 -0.71 -0.15	26.52 -0.36 0.00	23.24 0.03 0.00	21.35 0.26 0.00
OXBOW___ 24026	31.40 -0.96 0.00	23.63 -0.82 -0.14	24.90 -0.93 0.00	22.95 -0.82 0.00	22.65 -0.83 0.00	25.58 -0.80 -0.10	3.78 0.03 -7.07	40.76 -0.45 -0.92	12.86 -0.16 -1.78	43.69 -1.23 -0.07	24.42 -0.67 -0.04	24.81 -0.63 0.00	22.33 -0.73 -0.44	18.52 -0.43 -1.33	23.21 -0.74 -0.65	18.04 -0.55 -1.73	25.06 -1.19 -0.60	12.30 -0.35 -2.31	9.41 -0.27 -2.27	27.82 -1.10 -0.55	32.20 -1.06 -0.15	26.23 -0.66 0.00	22.99 -0.22 0.00	21.19 0.11 0.00
OXY_CHEM_DSASP 323612	30.93 -1.43 0.00	23.28 -1.17 -0.14	24.51 -1.31 0.00	22.63 -1.14 0.00	22.34 -1.15 0.00	25.22 -1.16 -0.10	3.78 0.08 -7.01	40.13 -1.07 -0.91	12.66 -0.35 -1.77	42.94 -1.97 -0.07	24.01 -1.09 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.21 -0.73 -1.32	22.81 -1.14 -0.64	17.74 -0.84 -1.71	24.60 -1.64 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.57 -0.55	31.65 -1.61 -0.14	25.83 -1.06 0.00	22.68 -0.53 0.00	20.92 -0.17 0.00
OZONE_PARK_ESR 323760	34.60 2.05 -0.19	27.55 1.58 -1.67	27.48 1.66 0.00	25.23 1.46 0.00	24.90 1.42 0.00	28.94 1.44 -1.22	82.41 -0.19 -85.92	53.80 2.29 -11.22	33.93 0.79 -21.90	48.80 3.12 -0.83	27.39 1.87 -0.46	27.32 1.88 0.00	29.63 1.79 -5.22	34.57 1.38 -15.56	32.64 1.94 -7.40	38.97 1.44 -20.66	35.03 2.04 -7.35	39.16 0.79 -28.03	35.55 0.50 -27.64	36.81 1.76 -6.68	36.96 2.06 -1.78	29.26 1.81 -0.57	24.75 1.54 0.00	22.28 1.19 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.93 -1.43 0.00	23.28 -1.17 -0.14	24.51 -1.31 0.00	22.63 -1.14 0.00	22.34 -1.15 0.00	25.22 -1.16 -0.10	3.78 0.08 -7.01	40.13 -1.07 -0.91	12.66 -0.35 -1.77	42.94 -1.97 -0.07	24.01 -1.09 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.21 -0.73 -1.32	22.81 -1.14 -0.64	17.74 -0.84 -1.71	24.60 -1.64 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.57 -0.55	31.65 -1.61 -0.14	25.83 -1.06 0.00	22.68 -0.53 0.00	20.92 -0.17 0.00

PACKARD__115KV_DUPONT_184 80571	30.93 -1.43 0.00	23.28 -1.17 -0.14	24.51 -1.31 0.00	22.63 -1.14 0.00	22.34 -1.15 0.00	25.22 -1.16 -0.10	3.78 0.08 -7.01	40.13 -1.07 -0.91	12.66 -0.35 -1.77	42.94 -1.97 -0.07	24.01 -1.09 -0.04	24.40 -1.04 0.00	21.97 -1.09 -0.44	18.21 -0.73 -1.32	22.81 -1.14 -0.64	17.74 -0.84 -1.71	24.60 -1.64 -0.60	12.10 -0.53 -2.29	9.27 -0.39 -2.25	27.34 -1.57 -0.55	31.65 -1.61 -0.14	25.83 -1.06 0.00	22.68 -0.53 0.00	20.92 -0.17 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.17 1.63 -0.19	27.26 1.28 -1.67	27.20 1.37 0.00	24.99 1.22 0.00	24.66 1.17 0.00	28.65 1.15 -1.22	82.44 -0.16 -85.92	53.40 1.89 -11.22	33.81 0.68 -21.90	48.18 2.50 -0.83	27.05 1.53 -0.46	26.97 1.53 0.00	29.34 1.51 -5.22	34.33 1.14 -15.56	32.35 1.64 -7.40	38.75 1.22 -20.66	34.65 1.66 -7.35	39.01 0.64 -28.03	35.45 0.40 -27.64	36.43 1.38 -6.68	36.57 1.67 -1.79	28.94 1.49 -0.57	24.47 1.27 0.00	22.02 0.93 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.36 1.81 -0.19	27.43 1.45 -1.67	27.45 1.63 0.00	25.21 1.44 0.00	24.87 1.39 0.00	28.89 1.39 -1.22	82.42 -0.17 -85.92	53.65 2.14 -11.22	33.87 0.73 -21.90	48.38 2.70 -0.83	27.12 1.60 -0.46	27.03 1.59 0.00	29.39 1.56 -5.22	34.37 1.18 -15.56	32.41 1.70 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.05 0.68 -28.03	35.48 0.44 -27.64	36.53 1.48 -6.68	36.70 1.80 -1.79	29.04 1.59 -0.57	24.58 1.38 0.00	22.16 1.07 0.00
PATROON__115KV_TB1 80586	32.81 0.69 0.24	27.04 0.59 -2.14	26.45 0.63 0.00	24.33 0.56 0.00	24.05 0.56 0.00	28.48 0.63 -1.57	107.10 -0.09 -110.51	55.78 1.06 -14.43	39.72 0.32 -28.17	47.07 1.15 -1.07	26.27 0.61 -0.60	26.04 0.60 0.00	29.88 0.61 -6.65	38.15 0.47 -20.05	33.43 0.58 -9.53	43.88 0.42 -26.59	35.73 0.64 -9.45	46.68 0.28 -36.06	43.16 0.20 -35.55	37.73 0.77 -8.59	36.26 0.85 -2.30	27.67 0.61 -0.18	23.71 0.51 0.00	21.47 0.39 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.72 -0.63 0.00	23.86 -0.60 -0.15	25.12 -0.70 0.00	23.15 -0.61 0.00	22.87 -0.61 0.00	25.88 -0.50 -0.11	4.34 0.03 -7.63	41.28 0.00 -0.99	13.13 -0.03 -1.92	44.51 -0.42 -0.08	24.74 -0.35 -0.04	25.10 -0.34 0.00	22.63 -0.46 -0.48	18.79 -0.27 -1.43	23.56 -0.45 -0.70	18.38 -0.35 -1.86	25.46 -0.83 -0.65	12.61 -0.22 -2.49	9.65 -0.20 -2.45	28.21 -0.75 -0.59	32.62 -0.66 -0.16	26.56 -0.32 0.00	23.21 0.01 0.00	21.26 0.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.21 1.70 -0.16	27.33 1.32 -1.70	27.21 1.38 0.00	24.99 1.22 0.00	24.69 1.20 0.00	28.78 1.26 -1.24	84.06 -0.17 -87.55	53.85 2.13 -11.44	34.26 0.70 -22.32	48.42 2.73 -0.85	27.11 1.58 -0.47	27.02 1.57 0.00	29.43 1.50 -5.32	34.65 1.17 -15.86	32.48 1.64 -7.54	39.16 1.25 -21.05	34.95 1.83 -7.49	39.64 0.73 -28.57	36.06 0.48 -28.16	36.90 1.72 -6.81	36.90 1.96 -1.82	28.74 1.62 -0.24	24.57 1.36 0.00	22.14 1.05 0.00
PEEKSKILL____ 23653	33.93 1.38 -0.18	27.04 1.09 -1.64	26.98 1.16 0.00	24.78 1.01 0.00	24.48 0.99 0.00	28.49 1.02 -1.20	80.97 -0.13 -84.43	53.00 1.68 -11.03	33.35 0.59 -21.52	47.96 2.30 -0.82	26.88 1.36 -0.46	26.79 1.35 0.00	29.07 1.32 -5.13	33.94 1.02 -15.29	32.02 1.45 -7.27	38.26 1.09 -20.30	34.42 1.56 -7.22	38.50 0.61 -27.55	34.95 0.39 -27.16	36.28 1.34 -6.57	36.38 1.51 -1.75	28.85 1.31 -0.65	24.33 1.12 0.00	21.92 0.83 0.00
PGE MADISON__WINDPWR 24146	34.20 1.84 0.00	25.91 1.32 -0.27	27.23 1.40 0.00	25.03 1.26 0.00	24.78 1.29 0.00	28.12 1.64 -0.20	10.69 -0.13 -14.15	46.32 4.02 -2.01	16.21 1.05 -3.92	48.87 3.81 -0.21	26.77 1.60 -0.12	26.97 1.53 0.00	25.32 1.38 -1.32	22.53 0.95 -3.95	25.85 0.91 -1.63	21.78 0.77 -4.15	27.89 1.04 -1.21	15.53 0.57 -4.62	12.46 0.50 -4.55	31.56 2.10 -1.10	35.85 2.44 -0.29	28.74 1.85 0.00	24.71 1.51 0.00	22.38 1.29 0.00
PIERCEFIELD__HYD 23852	31.61 -0.75 0.00	23.70 -0.61 0.00	25.26 -0.56 0.00	23.31 -0.46 0.00	23.04 -0.44 0.00	25.75 -0.53 0.00	-3.25 0.08 0.00	39.27 -1.02 0.00	10.84 -0.40 0.00	43.56 -1.28 0.00	24.34 -0.72 0.00	24.76 -0.68 0.00	21.92 -0.69 0.00	17.07 -0.56 0.00	22.58 -0.73 0.00	16.32 -0.55 0.00	25.00 -0.64 0.00	10.01 -0.33 0.00	7.21 -0.19 0.00	27.75 -0.63 0.00	32.42 -0.69 0.00	26.26 -0.63 0.00	22.59 -0.61 0.00	20.60 -0.49 0.00
PINELAWN_CC_1 323563	35.71 2.71 -0.64	28.07 2.09 -1.67	29.16 2.16 -1.18	27.23 1.96 -1.50	25.32 1.83 0.00	29.42 1.93 -1.22	82.38 -0.25 -85.96	54.26 2.75 -11.23	34.17 1.02 -21.91	49.45 3.77 -0.83	34.83 2.28 -7.50	28.77 2.24 -1.09	35.77 2.08 -11.07	56.98 1.61 -37.74	39.19 2.13 -13.75	72.61 1.53 -54.22	90.32 2.23 -62.45	72.62 0.85 -61.43	46.50 0.56 -38.54	39.05 2.20 -8.49	54.56 2.85 -18.59	46.30 2.39 -17.03	30.49 2.14 -5.15	22.78 1.69 0.00
PJM_GEN_HTP_PROXY 323702	34.15 1.60 -0.19	27.23 1.25 -1.67	27.16 1.33 0.00	24.95 1.18 0.00	24.63 1.14 0.00	28.98 1.14 -1.56	82.45 -0.15 -85.91	53.93 1.80 -11.83	32.57 0.65 -20.68	48.23 2.56 -0.83	27.08 1.55 -0.46	26.99 1.55 0.00	29.34 1.50 -5.22	34.34 1.15 -15.56	32.33 1.63 -7.40	38.74 1.21 -20.66	34.69 1.70 -7.35	39.03 0.65 -28.03	35.45 0.40 -27.64	36.45 1.40 -6.68	36.53 1.63 -1.78	28.90 1.45 -0.57	24.45 1.24 0.00	22.02 0.93 0.00
PJM_GEN_KEystone 24065	32.66 0.21 -0.10	25.37 0.13 -0.92	25.95 0.12 0.00	23.84 0.07 0.00	23.59 0.10 0.00	27.44 0.14 -1.02	44.34 -0.04 -47.69	47.71 0.58 -6.84	22.40 0.23 -10.93	26.94 0.83 18.74	2.91 0.39 22.54	25.80 0.35 0.00	25.87 0.35 -2.91	26.59 0.30 -8.66	27.86 0.42 -4.13	28.68 0.33 -11.48	30.02 0.30 -4.08	26.05 0.14 -15.56	22.80 0.05 -15.34	32.15 0.10 -3.68	34.13 0.16 -0.85	26.35 0.28 0.81	23.55 0.35 0.00	21.38 0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.11 2.11 -0.64	27.61 1.63 -1.67	28.71 1.71 -1.18	26.81 1.55 -1.50	24.94 1.45 0.00	29.33 1.49 -1.56	82.45 -0.19 -85.96	54.18 2.06 -11.84	32.74 0.81 -20.69	48.63 2.95 -0.83	34.40 1.84 -7.50	28.36 1.83 -1.09	35.41 1.72 -11.07	56.68 1.31 -37.74	38.89 1.83 -13.75	72.44 1.36 -54.22	90.05 1.97 -62.45	72.54 0.77 -61.43	46.45 0.51 -38.54	38.67 1.82 -8.49	53.85 2.15 -18.59	45.75 1.84 -17.03	30.01 1.66 -5.15	22.39 1.30 0.00
PJM_GEN_VFT_PROXY 323633	33.96 1.42 -0.19	27.10 1.13 -1.67	27.06 1.24 0.00	24.88 1.11 0.00	24.55 1.07 0.00	28.83 0.99 -1.56	82.46 -0.13 -85.91	53.64 1.52 -11.83	32.47 0.57 -20.67	-226.35 2.24 273.43	-298.79 1.38 325.23	26.85 1.41 0.00	29.21 1.38 -5.22	34.25 1.06 -15.56	32.22 1.51 -7.40	38.67 1.14 -20.66	34.59 1.60 -7.35	38.97 0.59 -28.03	35.40 0.36 -27.64	35.81 1.19 -6.24	34.28 1.38 0.21	27.69 1.29 0.48	24.31 1.11 0.00	21.91 0.82 0.00
PLATSBRG_115KV_PMLD1 355749	32.78 0.42 0.00	24.47 0.15 0.00	26.08 0.26 0.00	24.09 0.31 0.00	23.72 0.24 0.00	26.23 -0.04 0.00	-3.42 -0.10 0.00	39.78 -0.51 0.00	-191.33 -0.11 202.46	35.09 -0.32 9.44	20.67 -0.62 3.76	25.01 -0.44 0.00	22.37 -0.25 0.00	17.49 -0.13 0.00	23.27 -0.04 0.00	16.75 -0.11 0.00	25.54 -0.10 0.00	10.19 -0.15 0.00	7.42 0.02 0.00	28.60 0.24 0.00	33.50 0.38 0.00	27.20 0.32 0.00	23.42 0.21 0.00	21.49 0.40 0.00

PLEASANTVLY___LBMP 24000	33.80 1.22 -0.22	27.09 0.99 -1.78	26.88 1.06 0.00	24.70 0.94 0.00	24.39 0.91 0.00	28.51 0.93 -1.31	88.55 -0.13 -92.00	53.86 1.55 -12.02	35.23 0.54 -23.45	47.79 2.05 -0.89	26.75 1.19 -0.50	26.61 1.17 0.00	29.35 1.14 -5.60	35.18 0.88 -16.67	32.48 1.24 -7.92	39.93 0.94 -22.13	34.86 1.35 -7.87	40.90 0.54 -30.02	37.35 0.35 -29.60	36.76 1.24 -7.15	36.43 1.41 -1.91	28.34 1.17 -0.29	24.21 1.00 0.00	21.84 0.76 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.08 1.53 -0.19	27.19 1.19 -1.69	27.09 1.27 0.00	24.88 1.11 0.00	24.56 1.08 0.00	28.63 1.12 -1.24	83.53 -0.15 -87.00	53.46 1.80 -11.36	34.05 0.63 -22.18	48.17 2.48 -0.84	27.01 1.48 -0.47	26.92 1.48 0.00	29.32 1.41 -5.29	34.48 1.09 -15.76	32.33 1.53 -7.49	38.95 1.16 -20.92	34.74 1.65 -7.44	39.38 0.65 -28.39	35.81 0.42 -27.99	36.58 1.45 -6.76	36.60 1.67 -1.81	28.76 1.42 -0.46	24.42 1.21 0.00	22.01 0.92 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.08 1.53 -0.19	27.19 1.19 -1.69	27.09 1.27 0.00	24.88 1.11 0.00	24.56 1.08 0.00	28.63 1.12 -1.24	83.53 -0.15 -87.00	53.46 1.80 -11.36	34.05 0.63 -22.18	48.17 2.48 -0.84	27.01 1.48 -0.47	26.92 1.48 0.00	29.32 1.41 -5.29	34.48 1.09 -15.76	32.33 1.53 -7.49	38.95 1.16 -20.92	34.74 1.65 -7.44	39.38 0.65 -28.39	35.81 0.42 -27.99	36.58 1.45 -6.76	36.60 1.67 -1.81	28.76 1.42 -0.46	24.42 1.21 0.00	22.01 0.92 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.75 1.46 0.07	27.20 1.16 -1.73	27.05 1.23 0.00	24.86 1.09 0.00	24.55 1.06 0.00	28.65 1.11 -1.26	85.57 -0.15 -89.05	53.82 1.90 -11.63	34.56 0.62 -22.70	48.08 2.38 -0.86	26.89 1.36 -0.48	26.79 1.34 0.00	29.27 1.28 -5.37	34.75 1.00 -16.13	32.39 1.41 -7.66	39.35 1.07 -21.41	34.83 1.58 -7.62	40.04 0.64 -29.05	36.48 0.44 -28.65	36.85 1.55 -6.92	36.73 1.76 -1.85	28.48 1.43 -0.17	24.40 1.20 0.00	22.02 0.93 0.00
POLETTI____ 23519	34.13 1.58 -0.19	27.22 1.24 -1.67	27.14 1.32 0.00	24.94 1.17 0.00	24.61 1.13 0.00	28.61 1.11 -1.22	82.45 -0.15 -85.92	53.23 1.69 -11.22	33.77 0.63 -21.90	48.18 2.50 -0.83	27.06 1.54 -0.46	26.99 1.55 0.00	29.33 1.49 -5.22	34.32 1.13 -15.56	32.31 1.61 -7.40	38.73 1.20 -20.66	34.66 1.67 -7.35	39.01 0.63 -28.03	35.44 0.40 -27.64	36.40 1.35 -6.68	36.48 1.58 -1.78	28.88 1.43 -0.57	24.42 1.22 0.00	22.00 0.92 0.00
POMONA___ESR 323819	33.87 1.35 -0.17	26.93 1.06 -1.57	26.95 1.13 0.00	24.74 0.97 0.00	24.46 0.97 0.00	28.41 0.99 -1.15	77.35 -0.13 -80.81	52.53 1.69 -10.55	32.42 0.58 -20.60	47.90 2.27 -0.78	26.86 1.36 -0.44	26.79 1.35 0.00	28.84 1.32 -4.91	33.28 1.03 -14.63	31.73 1.47 -6.95	37.42 1.12 -19.43	34.15 1.60 -6.91	37.33 0.62 -26.37	33.80 0.40 -25.99	36.01 1.36 -6.28	36.31 1.52 -1.68	27.51 1.30 0.67	24.31 1.11 0.00	21.91 0.82 0.00
PORT_JEFF_3 23555	35.90 2.90 -0.64	28.25 2.27 -1.67	29.34 2.34 -1.18	27.40 2.14 -1.50	25.47 1.99 0.00	29.59 2.09 -1.22	82.36 -0.27 -85.96	54.41 2.89 -11.23	34.26 1.10 -21.91	49.69 4.01 -0.83	34.97 2.41 -7.50	28.93 2.40 -1.09	35.88 2.19 -11.07	57.01 1.64 -37.74	39.38 2.32 -13.75	72.75 1.67 -54.22	90.50 2.42 -62.45	72.72 0.95 -61.43	46.58 0.64 -38.54	39.19 2.34 -8.49	54.60 2.89 -18.59	46.41 2.50 -17.03	30.71 2.36 -5.15	22.96 1.87 0.00
PORT_JEFF_4 23616	35.90 2.90 -0.64	28.25 2.27 -1.67	29.34 2.34 -1.18	27.40 2.14 -1.50	25.47 1.99 0.00	29.59 2.09 -1.22	82.36 -0.27 -85.96	54.41 2.89 -11.23	34.26 1.10 -21.91	49.69 4.01 -0.83	34.97 2.41 -7.50	28.93 2.40 -1.09	35.88 2.19 -11.07	57.01 1.64 -37.74	39.38 2.32 -13.75	72.75 1.67 -54.22	90.50 2.42 -62.45	72.72 0.95 -61.43	46.58 0.64 -38.54	39.19 2.34 -8.49	54.60 2.89 -18.59	46.41 2.50 -17.03	30.71 2.36 -5.15	22.96 1.87 0.00
PORT_JEFF_IC 23713	35.99 2.99 -0.64	28.31 2.33 -1.67	29.40 2.40 -1.18	27.45 2.18 -1.50	25.52 2.03 0.00	29.65 2.15 -1.22	82.36 -0.28 -85.96	54.52 3.00 -11.23	34.29 1.14 -21.91	49.82 4.15 -0.83	35.04 2.49 -7.50	29.00 2.47 -1.09	35.95 2.26 -11.07	57.08 1.71 -37.74	39.48 2.42 -13.75	72.84 1.76 -54.22	90.59 2.50 -62.45	72.74 0.97 -61.43	46.59 0.65 -38.54	39.21 2.36 -8.49	54.72 3.02 -18.59	46.52 2.61 -17.03	30.78 2.43 -5.15	23.01 1.92 0.00
PPL PILGRIM_ST_GT1 24216	35.94 2.94 -0.64	28.27 2.29 -1.67	29.37 2.37 -1.18	27.45 2.18 -1.50	25.52 2.03 0.00	29.64 2.14 -1.22	82.35 -0.28 -85.96	54.50 2.99 -11.23	34.27 1.12 -21.91	49.77 4.09 -0.83	35.03 2.48 -7.50	29.00 2.47 -1.09	35.95 2.26 -11.07	57.11 1.74 -37.74	39.48 2.42 -13.75	72.86 1.78 -54.22	90.59 2.51 -62.45	72.74 0.97 -61.43	46.59 0.65 -38.54	39.43 2.57 -8.49	54.82 3.12 -18.59	46.52 2.61 -17.03	30.72 2.37 -5.15	23.00 1.90 0.00
PPL PILGRIM_ST_GT2 24217	35.94 2.94 -0.64	28.27 2.29 -1.67	29.37 2.37 -1.18	27.45 2.18 -1.50	25.52 2.03 0.00	29.64 2.14 -1.22	82.35 -0.28 -85.96	54.50 2.99 -11.23	34.27 1.12 -21.91	49.77 4.09 -0.83	35.03 2.48 -7.50	29.00 2.47 -1.09	35.95 2.26 -11.07	57.11 1.74 -37.74	39.48 2.42 -13.75	72.86 1.78 -54.22	90.59 2.51 -62.45	72.74 0.97 -61.43	46.59 0.65 -38.54	39.43 2.57 -8.49	54.82 3.12 -18.59	46.52 2.61 -17.03	30.72 2.37 -5.15	23.00 1.90 0.00
PPL_SHRM_GT3 24213	36.35 3.36 -0.64	28.52 2.54 -1.67	29.60 2.60 -1.18	27.63 2.37 -1.50	25.68 2.20 0.00	29.84 2.35 -1.22	82.32 -0.32 -85.96	54.94 3.43 -11.23	34.40 1.25 -21.91	50.21 4.54 -0.83	35.14 2.58 -7.50	29.08 2.55 -1.09	36.04 2.35 -11.07	57.19 1.82 -37.74	39.67 2.61 -13.75	72.87 1.79 -54.22	90.72 2.63 -62.45	72.85 1.08 -61.43	46.73 0.79 -38.54	39.77 2.92 -8.49	55.23 3.52 -18.59	46.89 2.98 -17.03	31.06 2.71 -5.15	23.19 2.10 0.00
PPL_SHRM_GT4 24214	36.35 3.36 -0.64	28.52 2.54 -1.67	29.60 2.60 -1.18	27.63 2.37 -1.50	25.68 2.20 0.00	29.84 2.35 -1.22	82.32 -0.32 -85.96	54.94 3.43 -11.23	34.40 1.25 -21.91	50.21 4.54 -0.83	35.14 2.58 -7.50	29.08 2.55 -1.09	36.04 2.35 -11.07	57.19 1.82 -37.74	39.67 2.61 -13.75	72.87 1.79 -54.22	90.72 2.63 -62.45	72.85 1.08 -61.43	46.73 0.79 -38.54	39.77 2.92 -8.49	55.23 3.52 -18.59	46.89 2.98 -17.03	31.06 2.71 -5.15	23.19 2.10 0.00
PROJECT___ORANGE 1 24174	32.07 -0.29 0.00	24.17 -0.24 -0.09	25.53 -0.29 0.00	23.49 -0.28 0.00	23.22 -0.27 0.00	26.11 -0.23 -0.07	1.33 0.01 -4.63	40.85 -0.04 -0.60	12.39 -0.02 -1.18	44.69 -0.20 -0.05	24.94 -0.15 -0.03	25.29 -0.15 0.00	22.75 -0.16 -0.29	18.38 -0.12 -0.88	23.53 -0.20 -0.42	17.87 -0.13 -1.14	25.79 -0.24 -0.40	11.82 -0.03 -1.51	8.88 -0.02 -1.49	28.66 -0.07 -0.36	33.14 -0.07 -0.10	26.83 -0.05 0.00	23.17 -0.03 0.00	21.06 -0.03 0.00
PROJECT___ORANGE 2 24166	32.07 -0.29 0.00	24.17 -0.24 -0.09	25.53 -0.29 0.00	23.49 -0.28 0.00	23.22 -0.27 0.00	26.11 -0.23 -0.07	1.33 0.01 -4.63	40.85 -0.04 -0.60	12.39 -0.02 -1.18	44.69 -0.20 -0.05	24.94 -0.15 -0.03	25.29 -0.15 0.00	22.75 -0.16 -0.29	18.38 -0.12 -0.88	23.53 -0.20 -0.42	17.87 -0.13 -1.14	25.79 -0.24 -0.40	11.82 -0.03 -1.51	8.88 -0.02 -1.49	28.66 -0.07 -0.36	33.14 -0.07 -0.10	26.83 -0.05 0.00	23.17 -0.03 0.00	21.06 -0.03 0.00

PUCKETT___SOLAR 323809	32.83 0.47 0.00	24.90 0.30 -0.28	26.09 0.27 0.00	23.97 0.20 0.00	23.70 0.21 0.00	26.86 0.38 -0.21	11.21 -0.11 -14.64	42.56 0.46 -1.81	14.89 0.12 -3.53	45.20 0.22 -0.14	25.09 -0.04 -0.08	25.40 -0.04 0.00	23.48 0.00 -0.87	20.22 0.00 -2.60	24.91 0.15 -1.46	20.49 0.13 -3.49	27.08 0.19 -1.25	15.27 0.15 -4.78	12.25 0.13 -4.71	30.08 0.57 -1.14	34.10 0.68 -0.30	27.46 0.58 0.00	23.69 0.48 0.00	21.50 0.41 0.00
PYRITES___HYD 24023	32.18 -0.18 0.00	24.12 -0.19 0.00	25.72 -0.10 0.00	23.74 -0.03 0.00	23.48 0.00 0.00	26.28 0.00 0.00	-3.30 0.02 0.00	40.09 -0.20 0.00	11.02 -0.22 0.00	44.36 -0.49 0.00	24.78 -0.28 0.00	25.24 -0.21 0.00	22.34 -0.27 0.00	17.39 -0.24 0.00	22.99 -0.32 0.00	16.63 -0.23 0.00	25.49 -0.15 0.00	10.19 -0.15 0.00	7.34 -0.07 0.00	28.23 -0.14 0.00	33.00 -0.11 0.00	26.71 -0.17 0.00	22.97 -0.24 0.00	20.95 -0.13 0.00
QUAKERRD_115KV_BK1 80622	31.23 -1.13 0.00	23.51 -0.91 -0.11	24.80 -1.03 0.00	22.84 -0.93 0.00	22.58 -0.90 0.00	25.46 -0.90 -0.08	2.48 0.07 -5.73	40.19 -0.84 -0.74	12.43 -0.25 -1.45	43.60 -1.30 -0.06	24.33 -0.76 -0.03	24.68 -0.76 0.00	22.21 -0.77 -0.36	18.17 -0.54 -1.08	23.04 -0.80 -0.53	17.70 -0.57 -1.40	25.09 -1.04 -0.49	11.91 -0.30 -1.87	9.03 -0.21 -1.84	27.94 -0.88 -0.45	32.28 -0.95 -0.12	26.18 -0.70 0.00	22.73 -0.47 0.00	20.72 -0.37 0.00
QUENSBRY_115KV_TB8 356137	34.21 2.11 0.26	28.13 1.65 -2.17	27.59 1.77 0.00	25.43 1.66 0.00	25.14 1.65 0.00	29.81 1.95 -1.59	108.41 -0.28 -112.01	58.32 3.40 -14.63	40.72 0.93 -28.55	49.24 3.30 -1.09	27.47 1.80 -0.61	27.19 1.74 0.00	30.90 1.55 -6.74	39.22 1.26 -20.33	34.55 1.57 -9.66	45.06 1.24 -26.96	37.23 2.01 -9.58	47.77 0.88 -36.55	44.09 0.65 -36.03	39.58 2.50 -8.71	38.21 2.77 -2.33	29.02 1.96 -0.18	24.81 1.60 0.00	22.45 1.36 0.00
RAMAPO___LBMP 323565	33.74 1.21 -0.17	26.83 0.96 -1.56	26.84 1.02 0.00	24.65 0.88 0.00	24.36 0.87 0.00	28.31 0.90 -1.14	76.91 -0.12 -80.35	52.31 1.52 -10.50	32.26 0.53 -20.48	47.70 2.08 -0.78	26.73 1.24 -0.43	26.66 1.22 0.00	28.71 1.21 -4.88	33.11 0.94 -14.55	31.57 1.34 -6.91	37.21 1.02 -19.32	33.97 1.45 -6.87	37.12 0.57 -26.22	33.62 0.37 -25.85	35.84 1.22 -6.25	36.14 1.36 -1.67	27.41 1.17 0.64	24.20 1.00 0.00	21.82 0.73 0.00
RANKINE____ 23646	31.76 -0.60 0.00	23.89 -0.57 -0.14	25.15 -0.68 0.00	23.18 -0.59 0.00	22.89 -0.60 0.00	25.88 -0.51 -0.11	4.19 0.01 -7.49	41.28 0.02 -0.97	13.11 -0.02 -1.89	44.42 -0.50 -0.08	24.74 -0.36 -0.04	25.12 -0.32 0.00	22.64 -0.44 -0.47	18.80 -0.23 -1.41	23.57 -0.43 -0.69	18.38 -0.32 -1.83	25.44 -0.84 -0.64	12.60 -0.19 -2.45	9.64 -0.18 -2.41	28.24 -0.71 -0.58	32.65 -0.62 -0.15	26.59 -0.29 0.00	23.26 0.05 0.00	21.31 0.23 0.00
RAVENSWOOD_GT2_1 24244	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.80 0.66 -21.90	48.26 2.58 -0.83	27.09 1.57 -0.46	27.02 1.57 0.00	29.36 1.52 -5.22	34.35 1.16 -15.56	32.34 1.63 -7.40	38.74 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.45 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD_GT2_2 24245	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.80 0.66 -21.90	48.26 2.58 -0.83	27.09 1.57 -0.46	27.02 1.57 0.00	29.36 1.52 -5.22	34.35 1.16 -15.56	32.34 1.63 -7.40	38.74 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.45 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD_GT2_3 24246	34.20 1.66 -0.19	27.28 1.30 -1.67	27.20 1.37 0.00	24.99 1.22 0.00	24.66 1.18 0.00	28.67 1.18 -1.22	82.44 -0.15 -85.92	53.35 1.84 -11.22	33.80 0.67 -21.90	48.28 2.60 -0.83	27.10 1.58 -0.46	27.04 1.60 0.00	29.37 1.53 -5.22	34.35 1.17 -15.56	32.35 1.65 -7.40	38.75 1.22 -20.66	34.70 1.71 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.45 1.40 -6.68	36.57 1.66 -1.79	28.94 1.49 -0.57	24.48 1.27 0.00	22.05 0.96 0.00
RAVENSWOOD_GT2_4 24247	34.20 1.66 -0.19	27.28 1.30 -1.67	27.20 1.37 0.00	24.99 1.22 0.00	24.66 1.18 0.00	28.67 1.18 -1.22	82.44 -0.15 -85.92	53.35 1.84 -11.22	33.80 0.67 -21.90	48.28 2.60 -0.83	27.10 1.58 -0.46	27.04 1.60 0.00	29.37 1.53 -5.22	34.35 1.17 -15.56	32.35 1.65 -7.40	38.75 1.22 -20.66	34.70 1.71 -7.35	39.03 0.65 -28.03	35.45 0.41 -27.64	36.45 1.40 -6.68	36.57 1.66 -1.79	28.94 1.49 -0.57	24.48 1.27 0.00	22.05 0.96 0.00
RAVENSWOOD_GT3_1 24248	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.80 0.66 -21.90	48.26 2.58 -0.83	27.09 1.57 -0.46	27.02 1.57 0.00	29.36 1.52 -5.22	34.35 1.16 -15.56	32.34 1.63 -7.40	38.74 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.45 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD_GT3_2 24249	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.80 0.66 -21.90	48.26 2.58 -0.83	27.09 1.57 -0.46	27.02 1.57 0.00	29.36 1.52 -5.22	34.35 1.16 -15.56	32.34 1.63 -7.40	38.74 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.45 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD_GT3_3 24250	34.25 1.70 -0.19	27.30 1.33 -1.67	27.22 1.40 0.00	25.01 1.24 0.00	24.69 1.21 0.00	28.70 1.21 -1.22	82.44 -0.16 -85.92	53.39 1.88 -11.22	33.82 0.68 -21.90	48.35 2.67 -0.83	27.14 1.61 -0.46	27.07 1.62 0.00	29.40 1.57 -5.22	34.39 1.20 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.74 1.75 -7.35	39.04 0.66 -28.03	35.46 0.42 -27.64	36.49 1.44 -6.68	36.61 1.71 -1.79	28.98 1.53 -0.57	24.50 1.30 0.00	22.08 0.99 0.00
RAVENSWOOD_GT3_4 24251	34.25 1.70 -0.19	27.30 1.33 -1.67	27.22 1.40 0.00	25.01 1.24 0.00	24.69 1.21 0.00	28.70 1.21 -1.22	82.44 -0.16 -85.92	53.39 1.88 -11.22	33.82 0.68 -21.90	48.35 2.67 -0.83	27.14 1.61 -0.46	27.07 1.62 0.00	29.40 1.57 -5.22	34.39 1.20 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.74 1.75 -7.35	39.04 0.66 -28.03	35.46 0.42 -27.64	36.49 1.44 -6.68	36.61 1.71 -1.79	28.98 1.53 -0.57	24.50 1.30 0.00	22.08 0.99 0.00
RAVENSWOOD_GT_1 23729	34.29 1.74 -0.19	27.33 1.35 -1.67	27.25 1.43 0.00	25.04 1.27 0.00	24.72 1.24 0.00	28.73 1.23 -1.22	82.43 -0.16 -85.92	53.43 1.92 -11.22	33.85 0.71 -21.90	48.41 2.73 -0.83	27.18 1.66 -0.47	27.12 1.68 0.00	29.45 1.61 -5.22	34.42 1.23 -15.56	32.45 1.74 -7.40	38.82 1.29 -20.66	34.79 1.80 -7.35	39.05 0.67 -28.03	35.47 0.42 -27.64	36.50 1.44 -6.68	36.63 1.73 -1.79	29.01 1.56 -0.57	24.52 1.32 0.00	22.08 0.99 0.00

RAVENSWOOD_GT_10 24258	34.18 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.80 0.66 -21.90	48.25 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.34 1.63 -7.40	38.74 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD_GT_11 24259	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.17 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.33 1.82 -11.22	33.80 0.66 -21.90	48.26 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.33 1.63 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.93 1.48 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD_GT_4 24252	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.79 0.65 -21.90	48.25 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.44 1.39 -6.68	36.55 1.65 -1.79	28.93 1.47 -0.57	24.46 1.26 0.00	22.05 0.96 0.00
RAVENSWOOD_GT_5 24254	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.79 0.65 -21.90	48.25 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.44 1.39 -6.68	36.55 1.65 -1.79	28.93 1.47 -0.57	24.46 1.26 0.00	22.05 0.96 0.00
RAVENSWOOD_GT_6 24253	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.79 0.65 -21.90	48.25 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.44 1.39 -6.68	36.55 1.65 -1.79	28.93 1.47 -0.57	24.46 1.26 0.00	22.05 0.96 0.00
RAVENSWOOD_GT_7 24255	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.79 0.65 -21.90	48.25 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.33 1.62 -7.40	38.74 1.21 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.44 1.39 -6.68	36.55 1.65 -1.79	28.93 1.47 -0.57	24.46 1.26 0.00	22.05 0.96 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.18 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.80 0.66 -21.90	48.25 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.34 1.63 -7.40	38.74 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD_GT_9 24257	34.18 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.66 1.16 -1.22	82.44 -0.16 -85.92	53.31 1.80 -11.22	33.80 0.66 -21.90	48.25 2.58 -0.83	27.09 1.56 -0.46	27.02 1.57 0.00	29.35 1.51 -5.22	34.34 1.15 -15.56	32.34 1.63 -7.40	38.74 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.44 0.40 -27.64	36.43 1.38 -6.68	36.55 1.65 -1.79	28.92 1.47 -0.57	24.46 1.26 0.00	22.04 0.95 0.00
RAVENSWOOD___1 23533	34.22 1.68 -0.19	27.28 1.31 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.68 1.19 0.00	28.68 1.19 -1.22	82.44 -0.15 -85.92	53.38 1.87 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.62 0.00	29.40 1.56 -5.22	34.38 1.19 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.73 1.74 -7.35	39.03 0.66 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.95 1.50 -0.57	24.48 1.27 0.00	22.04 0.95 0.00
RAVENSWOOD___2 23534	34.22 1.68 -0.19	27.28 1.31 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.68 1.19 0.00	28.68 1.19 -1.22	82.44 -0.15 -85.92	53.38 1.87 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.62 0.00	29.40 1.56 -5.22	34.38 1.19 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.73 1.74 -7.35	39.03 0.66 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.95 1.50 -0.57	24.48 1.27 0.00	22.04 0.95 0.00
RAVENSWOOD___3 23535	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.21 0.00	24.65 1.17 0.00	28.66 1.17 -1.22	82.44 -0.16 -85.92	53.33 1.82 -11.22	33.80 0.66 -21.90	48.26 2.58 -0.83	27.09 1.57 -0.46	27.02 1.58 0.00	29.36 1.52 -5.22	34.35 1.16 -15.56	32.34 1.63 -7.40	38.75 1.22 -20.66	34.68 1.69 -7.35	39.02 0.64 -28.03	35.45 0.40 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.93 1.48 -0.57	24.47 1.27 0.00	22.04 0.95 0.00
RAVENSWOOD___4 23820	34.22 1.68 -0.19	27.28 1.31 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.68 1.19 0.00	28.68 1.19 -1.22	82.44 -0.15 -85.92	53.38 1.87 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.62 0.00	29.40 1.56 -5.22	34.38 1.19 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.73 1.74 -7.35	39.03 0.66 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.95 1.50 -0.57	24.48 1.27 0.00	22.04 0.95 0.00
RCPL_TRUST___DRP 24196	34.18 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.16 0.00	28.67 1.17 -1.22	82.44 -0.15 -85.91	53.35 1.84 -11.22	33.80 0.67 -21.90	48.32 2.64 -0.83	27.12 1.60 -0.46	27.04 1.60 0.00	29.38 1.54 -5.22	34.37 1.18 -15.56	32.38 1.67 -7.40	38.77 1.25 -20.66	34.74 1.75 -7.35	39.04 0.67 -28.03	35.46 0.42 -27.64	36.49 1.44 -6.68	36.58 1.67 -1.78	28.93 1.48 -0.57	24.46 1.26 0.00	22.05 0.96 0.00
RED___ROCHESTER 323720	32.16 -0.19 0.00	24.18 -0.24 -0.11	25.47 -0.35 0.00	23.46 -0.30 0.00	23.18 -0.31 0.00	26.16 -0.20 -0.08	2.51 -0.03 -5.87	41.42 0.37 -0.76	12.81 0.09 -1.48	44.90 0.00 -0.06	25.07 -0.02 -0.03	25.44 -0.01 0.00	22.86 -0.12 -0.37	18.73 -0.01 -1.11	23.74 -0.11 -0.54	18.23 -0.07 -1.44	25.81 -0.33 -0.50	12.25 -0.01 -1.91	9.29 0.00 -1.89	28.76 -0.07 -0.45	33.27 0.03 -0.12	26.98 0.10 0.00	23.44 0.24 0.00	21.38 0.30 0.00
REGAN___SOLAR 323812	34.98 2.84 0.21	28.59 2.09 -2.19	28.22 2.40 0.00	25.98 2.21 0.00	25.76 2.27 0.00	30.42 2.54 -1.60	109.07 -0.30 -112.69	58.85 3.84 -14.72	40.73 0.77 -28.72	47.74 1.80 -1.09	27.18 1.51 -0.61	27.30 1.86 0.00	30.32 0.92 -6.79	38.51 0.43 -20.45	33.59 0.56 -9.72	44.42 0.43 -27.12	36.28 0.99 -9.64	47.94 0.83 -36.77	44.48 0.82 -36.25	40.17 3.03 -8.76	38.83 3.37 -2.34	29.82 2.76 -0.17	25.53 2.32 0.00	23.21 2.12 0.00

RENSSELAER___COGEN 23796	32.65 0.53 0.23	26.91 0.47 -2.13	26.32 0.50 0.00	24.21 0.45 0.00	23.92 0.44 0.00	28.34 0.50 -1.56	106.50 -0.07 -109.89	55.49 0.85 -14.35	39.50 0.25 -28.01	46.79 0.88 -1.07	26.10 0.45 -0.60	25.86 0.42 0.00	29.68 0.46 -6.61	37.92 0.35 -19.94	33.22 0.43 -9.48	43.62 0.31 -26.44	35.51 0.47 -9.40	46.40 0.21 -35.86	42.91 0.15 -35.35	37.50 0.58 -8.55	36.05 0.65 -2.28	27.52 0.46 -0.18	23.58 0.38 0.00	21.35 0.27 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.00 2.90 0.26	28.72 2.24 -2.17	28.30 2.47 0.00	26.07 2.30 0.00	25.80 2.32 0.00	30.66 2.80 -1.59	108.24 -0.41 -111.97	59.84 4.93 -14.62	41.09 1.31 -28.54	50.54 4.61 -1.09	28.43 2.77 -0.61	28.17 2.73 0.00	31.83 2.48 -6.74	40.00 2.06 -20.32	35.78 2.81 -9.66	46.01 2.20 -26.95	38.86 3.64 -9.58	48.45 1.58 -36.53	44.48 1.05 -36.02	41.16 4.08 -8.71	39.98 4.54 -2.33	30.10 3.04 -0.18	25.65 2.44 0.00	23.32 2.23 0.00
REVERE_CPPR_DRP 24186	33.17 0.81 0.00	24.99 0.63 -0.05	26.53 0.71 0.00	24.40 0.63 0.00	24.17 0.68 0.00	27.20 0.89 -0.04	-0.85 -0.10 -2.58	42.09 1.46 -0.34	12.26 0.37 -0.66	46.18 1.31 -0.03	25.70 0.63 -0.02	26.05 0.61 0.00	23.30 0.52 -0.16	18.44 0.32 -0.49	23.89 0.34 -0.24	17.78 0.28 -0.64	26.41 0.55 -0.22	11.45 0.26 -0.84	8.47 0.24 -0.83	29.60 1.03 -0.20	34.35 1.18 -0.05	27.80 0.91 0.00	23.98 0.77 0.00	21.77 0.68 0.00
REYNOLDS_115KV_TB3 80639	32.86 0.78 0.27	27.10 0.65 -2.13	26.52 0.70 0.00	24.40 0.63 0.00	24.10 0.61 0.00	28.54 0.71 -1.56	106.42 -0.10 -109.85	55.79 1.16 -14.35	39.59 0.35 -28.00	47.15 1.24 -1.07	26.30 0.64 -0.60	26.06 0.62 0.00	29.84 0.62 -6.60	38.03 0.47 -19.93	33.37 0.58 -9.47	43.69 0.39 -26.44	35.64 0.61 -9.40	46.45 0.27 -35.84	42.94 0.20 -35.34	37.68 0.77 -8.54	36.24 0.84 -2.28	27.67 0.60 -0.18	23.73 0.52 0.00	21.49 0.41 0.00
RIVERBAY____ 323610	34.36 1.81 -0.19	27.43 1.45 -1.67	27.45 1.63 0.00	25.21 1.44 0.00	24.87 1.39 0.00	28.89 1.39 -1.22	82.42 -0.17 -85.92	53.65 2.14 -11.22	33.87 0.73 -21.90	48.38 2.70 -0.83	27.12 1.60 -0.46	27.03 1.59 0.00	29.39 1.56 -5.22	34.37 1.18 -15.56	32.41 1.70 -7.40	38.78 1.26 -20.66	34.73 1.74 -7.35	39.05 0.68 -28.03	35.48 0.44 -27.64	36.53 1.48 -6.68	36.70 1.80 -1.79	29.04 1.59 -0.57	24.58 1.38 0.00	22.16 1.07 0.00
RIVERSDE_115KV_TB3 55908	32.78 0.68 0.26	27.03 0.58 -2.14	26.44 0.61 0.00	24.32 0.55 0.00	24.03 0.54 0.00	28.46 0.62 -1.56	106.68 -0.09 -110.08	55.70 1.03 -14.38	39.61 0.31 -28.06	47.02 1.11 -1.07	26.23 0.58 -0.60	25.99 0.55 0.00	29.81 0.57 -6.62	38.04 0.44 -19.97	33.34 0.54 -9.50	43.73 0.38 -26.49	35.63 0.58 -9.42	46.51 0.25 -35.92	43.00 0.19 -35.41	37.64 0.71 -8.56	36.18 0.78 -2.29	27.62 0.55 -0.18	23.67 0.47 0.00	21.44 0.35 0.00
ROARING___BROOK_WT_PWR 323790	32.33 -0.02 0.00	24.32 0.01 0.00	25.80 -0.02 0.00	23.75 -0.02 0.00	23.51 0.02 0.00	26.28 0.00 0.00	-3.32 0.01 0.00	40.20 -0.08 0.00	11.23 -0.01 0.00	44.51 -0.33 0.00	24.84 -0.21 0.00	25.25 -0.20 0.00	22.32 -0.30 0.00	17.31 -0.31 0.00	22.92 -0.39 0.00	16.65 -0.21 0.00	25.49 -0.15 0.00	10.32 -0.02 0.00	7.42 0.01 0.00	28.45 0.09 0.00	33.21 0.10 0.00	26.96 0.08 0.00	23.28 0.07 0.00	21.13 0.04 0.00
ROCHESRG_115KV_T4 355643	31.84 -0.51 0.00	23.96 -0.47 -0.11	25.26 -0.56 0.00	23.27 -0.49 0.00	22.99 -0.49 0.00	25.93 -0.43 -0.08	2.51 0.00 -5.83	41.02 -0.03 -0.76	12.68 -0.03 -1.47	44.45 -0.46 -0.06	24.80 -0.29 -0.03	25.16 -0.28 0.00	22.62 -0.36 -0.37	18.52 -0.20 -1.10	23.47 -0.38 -0.53	18.03 -0.27 -1.43	25.51 -0.63 -0.50	12.12 -0.12 -1.90	9.19 -0.09 -1.88	28.41 -0.41 -0.45	32.87 -0.36 -0.12	26.68 -0.20 0.00	23.22 0.01 0.00	21.18 0.09 0.00
ROCHESTER_9_IC 23652	32.02 -0.34 0.00	24.08 -0.34 -0.11	25.38 -0.44 0.00	23.38 -0.39 0.00	23.10 -0.38 0.00	26.06 -0.30 -0.08	2.54 -0.01 -5.87	41.25 0.20 -0.76	12.76 0.04 -1.48	44.71 -0.20 -0.06	24.95 -0.14 -0.03	25.31 -0.13 0.00	22.75 -0.23 -0.37	18.64 -0.10 -1.11	23.61 -0.24 -0.54	18.14 -0.16 -1.44	25.67 -0.47 -0.50	12.19 -0.06 -1.91	9.25 -0.04 -1.89	28.60 -0.23 -0.45	33.09 -0.15 -0.12	26.86 -0.03 0.00	23.35 0.15 0.00	21.29 0.21 0.00
ROCKVIEW_13_KV_LD 356306	34.23 1.68 -0.19	27.28 1.30 -1.67	27.19 1.37 0.00	24.98 1.21 0.00	24.66 1.18 0.00	28.70 1.20 -1.22	82.44 -0.16 -85.92	53.46 1.95 -11.22	33.82 0.68 -21.90	48.38 2.71 -0.83	27.13 1.61 -0.46	27.05 1.61 0.00	29.38 1.55 -5.22	34.39 1.19 -15.56	32.38 1.67 -7.40	38.79 1.26 -20.66	34.79 1.80 -7.35	39.07 0.70 -28.04	35.49 0.45 -27.64	36.61 1.56 -6.68	36.70 1.80 -1.79	29.00 1.55 -0.57	24.53 1.33 0.00	22.10 1.01 0.00
ROME_____115KV_TB2 80656	33.17 0.81 0.00	24.99 0.63 -0.05	26.53 0.71 0.00	24.40 0.63 0.00	24.17 0.68 0.00	27.20 0.89 -0.04	-0.85 -0.10 -2.58	42.09 1.46 -0.34	12.26 0.37 -0.66	46.18 1.31 -0.03	25.70 0.63 -0.02	26.05 0.61 0.00	23.30 0.52 -0.16	18.44 0.32 -0.49	23.89 0.34 -0.24	17.78 0.28 -0.64	26.41 0.55 -0.22	11.45 0.26 -0.84	8.47 0.24 -0.83	29.60 1.03 -0.20	34.35 1.18 -0.05	27.80 0.91 0.00	23.98 0.77 0.00	21.77 0.68 0.00
ROSETON___1 23587	33.73 1.20 -0.17	26.94 0.96 -1.67	26.85 1.02 0.00	24.68 0.91 0.00	24.37 0.89 0.00	28.41 0.91 -1.22	82.59 -0.12 -86.04	53.05 1.53 -11.24	33.69 0.52 -21.93	47.69 2.01 -0.83	26.70 1.17 -0.47	26.61 1.16 0.00	28.97 1.13 -5.23	34.09 0.87 -15.58	31.95 1.23 -7.41	38.49 0.93 -20.69	34.33 1.33 -7.36	38.94 0.53 -28.07	35.43 0.35 -27.68	36.26 1.20 -6.69	36.27 1.37 -1.79	28.13 1.15 -0.10	24.20 0.99 0.00	21.82 0.73 0.00
ROSETON___2 23588	33.73 1.20 -0.17	26.94 0.96 -1.67	26.85 1.02 0.00	24.68 0.91 0.00	24.37 0.89 0.00	28.41 0.91 -1.22	82.59 -0.12 -86.04	53.05 1.53 -11.24	33.69 0.52 -21.93	47.69 2.01 -0.83	26.70 1.17 -0.47	26.61 1.16 0.00	28.97 1.13 -5.23	34.09 0.87 -15.58	31.95 1.23 -7.41	38.49 0.93 -20.69	34.33 1.33 -7.36	38.94 0.53 -28.07	35.43 0.35 -27.68	36.26 1.20 -6.69	36.27 1.37 -1.79	28.13 1.15 -0.10	24.20 0.99 0.00	21.82 0.73 0.00
ROTTTRDAM_115KV_TB3 80664	33.29 1.14 0.21	27.41 0.91 -2.19	26.80 0.97 0.00	24.66 0.89 0.00	24.37 0.88 0.00	28.87 0.99 -1.60	109.24 -0.14 -112.69	56.66 1.66 -14.72	40.43 0.47 -28.72	47.68 1.74 -1.09	26.61 0.94 -0.61	26.39 0.95 0.00	30.28 0.87 -6.79	38.76 0.68 -20.45	33.90 0.87 -9.72	44.63 0.64 -27.12	36.26 0.98 -9.64	47.53 0.42 -36.77	43.97 0.31 -36.25	38.32 1.18 -8.76	36.81 1.35 -2.34	28.08 1.03 -0.17	24.08 0.88 0.00	21.81 0.72 0.00
RUSSELL___1 23602	32.17 -0.19 0.00	24.18 -0.24 -0.11	25.48 -0.35 0.00	23.47 -0.30 0.00	23.18 -0.30 0.00	26.16 -0.20 -0.08	2.51 -0.03 -5.87	41.44 0.39 -0.76	12.81 0.09 -1.48	44.91 0.00 -0.06	25.07 -0.02 -0.03	25.44 -0.01 0.00	22.86 -0.12 -0.37	18.72 -0.01 -1.11	23.72 -0.13 -0.54	18.22 -0.08 -1.44	25.79 -0.35 -0.50	12.25 -0.01 -1.91	9.29 0.00 -1.89	28.76 -0.07 -0.45	33.27 0.03 -0.12	27.00 0.12 0.00	23.46 0.26 0.00	21.38 0.29 0.00

RUSSELL___2 23532	32.17 -0.19 0.00	24.18 -0.24 -0.11	25.48 -0.35 0.00	23.47 -0.30 0.00	23.18 -0.30 0.00	26.16 -0.20 -0.08	2.51 -0.03 -5.87	41.44 0.39 -0.76	12.81 0.09 -1.48	44.91 0.00 -0.06	25.07 -0.02 -0.03	25.44 -0.01 0.00	22.86 -0.12 -0.37	18.72 -0.01 -1.11	23.72 -0.13 -0.54	18.22 -0.08 -1.44	25.79 -0.35 -0.50	12.25 -0.01 -1.91	9.29 0.00 -1.89	28.76 -0.07 -0.45	33.27 0.03 -0.12	27.00 0.12 0.00	23.46 0.26 0.00	21.38 0.29 0.00
RUSSELL___3 23549	32.17 -0.19 0.00	24.18 -0.24 -0.11	25.48 -0.35 0.00	23.47 -0.30 0.00	23.18 -0.30 0.00	26.16 -0.20 -0.08	2.51 -0.03 -5.87	41.44 0.39 -0.76	12.81 0.09 -1.48	44.91 0.00 -0.06	25.07 -0.02 -0.03	25.44 -0.01 0.00	22.86 -0.12 -0.37	18.72 -0.01 -1.11	23.72 -0.13 -0.54	18.22 -0.08 -1.44	25.79 -0.35 -0.50	12.25 -0.01 -1.91	9.29 0.00 -1.89	28.76 -0.07 -0.45	33.27 0.03 -0.12	27.00 0.12 0.00	23.46 0.26 0.00	21.38 0.29 0.00
RUSSELL___4 23556	32.17 -0.19 0.00	24.18 -0.24 -0.11	25.48 -0.35 0.00	23.47 -0.30 0.00	23.18 -0.30 0.00	26.16 -0.20 -0.08	2.51 -0.03 -5.87	41.44 0.39 -0.76	12.81 0.09 -1.48	44.91 0.00 -0.06	25.07 -0.02 -0.03	25.44 -0.01 0.00	22.86 -0.12 -0.37	18.72 -0.01 -1.11	23.72 -0.13 -0.54	18.22 -0.08 -1.44	25.79 -0.35 -0.50	12.25 -0.01 -1.91	9.29 0.00 -1.89	28.76 -0.07 -0.45	33.27 0.03 -0.12	27.00 0.12 0.00	23.46 0.26 0.00	21.38 0.29 0.00
RUSSELL___STATION 23914	32.17 -0.19 0.00	24.18 -0.24 -0.11	25.48 -0.35 0.00	23.47 -0.30 0.00	23.18 -0.30 0.00	26.16 -0.20 -0.08	2.51 -0.03 -5.87	41.44 0.39 -0.76	12.81 0.09 -1.48	44.91 0.00 -0.06	25.07 -0.02 -0.03	25.44 -0.01 0.00	22.86 -0.12 -0.37	18.72 -0.01 -1.11	23.72 -0.13 -0.54	18.22 -0.08 -1.44	25.79 -0.35 -0.50	12.25 -0.01 -1.91	9.29 0.00 -1.89	28.76 -0.07 -0.45	33.27 0.03 -0.12	27.00 0.12 0.00	23.46 0.26 0.00	21.38 0.29 0.00
S SALMON___HYD 24043	32.49 0.14 0.00	24.47 0.08 -0.08	25.86 0.03 0.00	23.77 0.00 0.00	23.56 0.07 0.00	26.53 0.20 -0.06	0.52 -0.05 -3.89	41.48 0.69 -0.51	12.35 0.12 -0.99	45.04 0.15 -0.04	25.19 0.11 -0.02	25.49 0.05 0.00	22.80 -0.06 -0.25	18.24 -0.13 -0.74	23.44 -0.23 -0.36	17.67 -0.16 -0.96	25.78 -0.20 -0.33	11.62 0.01 -1.27	8.73 0.07 -1.25	29.08 0.41 -0.30	33.73 0.54 -0.08	27.29 0.40 0.00	23.57 0.37 0.00	21.40 0.31 0.00
S.PERRY___115KV_TB1 80734	32.91 0.55 0.00	24.75 0.28 -0.15	26.00 0.18 0.00	23.95 0.18 0.00	23.65 0.17 0.00	26.74 0.35 -0.11	4.50 -0.08 -7.91	42.71 1.40 -1.03	13.56 0.32 -2.00	45.37 0.45 -0.08	25.20 0.10 -0.05	25.65 0.20 0.00	23.17 0.06 -0.50	19.13 0.01 -1.49	23.94 -0.09 -0.73	18.77 -0.03 -1.93	26.08 -0.24 -0.68	12.93 0.01 -2.58	10.05 0.10 -2.54	29.61 0.63 -0.61	34.15 0.87 -0.16	27.70 0.81 0.00	24.06 0.85 0.00	21.92 0.83 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.49 -0.87 0.00	23.69 -0.76 -0.14	24.95 -0.87 0.00	23.01 -0.76 0.00	22.72 -0.77 0.00	25.67 -0.71 -0.10	3.96 0.04 -7.24	40.90 -0.33 -0.94	12.94 -0.13 -1.83	43.94 -0.98 -0.07	24.49 -0.60 -0.04	24.88 -0.56 0.00	22.42 -0.65 -0.45	18.60 -0.39 -1.36	23.31 -0.66 -0.66	18.14 -0.49 -1.77	25.16 -1.10 -0.62	12.43 -0.28 -2.36	9.49 -0.25 -2.33	27.94 -0.99 -0.56	32.32 -0.94 -0.15	26.34 -0.54 0.00	23.07 -0.14 0.00	21.17 0.08 0.00
SAWYER___23_KV_LOAD 55526	31.49 -0.87 0.00	23.69 -0.76 -0.14	24.95 -0.87 0.00	23.01 -0.76 0.00	22.72 -0.77 0.00	25.67 -0.71 -0.10	3.96 0.04 -7.24	40.90 -0.33 -0.94	12.94 -0.13 -1.83	43.94 -0.98 -0.07	24.49 -0.60 -0.04	24.88 -0.56 0.00	22.42 -0.65 -0.45	18.60 -0.39 -1.36	23.31 -0.66 -0.66	18.14 -0.49 -1.77	25.16 -1.10 -0.62	12.43 -0.28 -2.36	9.49 -0.25 -2.33	27.94 -0.99 -0.56	32.32 -0.94 -0.15	26.34 -0.54 0.00	23.07 -0.14 0.00	21.17 0.08 0.00
SELKIRK___I 23801	33.11 0.92 0.16	27.18 0.76 -2.10	26.63 0.81 0.00	24.51 0.74 0.00	24.20 0.72 0.00	28.66 0.84 -1.54	104.99 -0.12 -108.42	55.82 1.37 -14.16	39.26 0.39 -27.63	47.26 1.37 -1.05	26.35 0.71 -0.59	26.14 0.70 0.00	29.85 0.70 -6.54	37.84 0.55 -19.66	33.36 0.70 -9.35	43.46 0.50 -26.09	35.66 0.74 -9.27	46.05 0.33 -35.38	42.52 0.24 -34.88	37.72 0.91 -8.43	36.44 1.07 -2.25	27.86 0.81 -0.17	23.90 0.69 0.00	21.64 0.55 0.00
SELKIRK___II 23799	32.87 0.70 0.19	27.03 0.59 -2.13	26.45 0.63 0.00	24.34 0.57 0.00	24.04 0.55 0.00	28.47 0.63 -1.56	106.41 -0.09 -109.82	55.68 1.04 -14.34	39.54 0.31 -27.99	46.95 1.04 -1.07	26.18 0.53 -0.60	25.95 0.50 0.00	29.79 0.55 -6.62	38.00 0.45 -19.93	33.36 0.57 -9.47	43.70 0.40 -26.43	35.64 0.60 -9.39	46.43 0.26 -35.83	42.92 0.19 -35.33	37.61 0.70 -8.54	36.22 0.83 -2.28	27.68 0.62 -0.18	23.73 0.52 0.00	21.48 0.39 0.00
SENECA OSWGO___HYD 24041	32.52 0.16 0.00	24.49 0.10 -0.09	25.90 0.08 0.00	23.81 0.05 0.00	23.56 0.07 0.00	26.50 0.16 -0.06	1.04 -0.04 -4.40	41.44 0.58 -0.57	12.49 0.12 -1.12	45.25 0.36 -0.04	25.26 0.17 -0.03	25.60 0.16 0.00	23.01 0.11 -0.28	18.50 0.04 -0.84	23.74 0.02 -0.40	17.98 0.03 -1.08	26.07 0.05 -0.38	11.89 0.11 -1.44	8.92 0.10 -1.42	29.14 0.43 -0.34	33.74 0.54 -0.09	27.28 0.40 0.00	23.55 0.34 0.00	21.40 0.32 0.00
SENECA___115KV_TB3 355854	31.80 -0.55 0.00	23.92 -0.53 -0.14	25.18 -0.64 0.00	23.21 -0.56 0.00	22.92 -0.57 0.00	25.91 -0.47 -0.11	4.18 0.01 -7.49	41.33 0.07 -0.97	13.13 0.00 -1.89	44.50 -0.42 -0.08	24.78 -0.32 -0.04	25.15 -0.29 0.00	22.68 -0.40 -0.47	18.83 -0.20 -1.41	23.60 -0.39 -0.69	18.40 -0.29 -1.83	25.49 -0.79 -0.64	12.62 -0.17 -2.45	9.65 -0.16 -2.41	28.29 -0.67 -0.58	32.70 -0.57 -0.15	26.63 -0.25 0.00	23.29 0.08 0.00	21.35 0.26 0.00
SENECA___ENERGY 23797	32.04 -0.32 0.00	24.15 -0.28 -0.12	25.44 -0.39 0.00	23.40 -0.37 0.00	23.14 -0.35 0.00	26.10 -0.26 -0.09	2.91 0.01 -6.22	41.18 0.08 -0.81	12.83 0.01 -1.58	44.75 -0.16 -0.06	24.92 -0.17 -0.04	25.25 -0.20 0.00	22.75 -0.27 -0.40	18.64 -0.18 -1.20	23.61 -0.28 -0.58	18.20 -0.20 -1.53	25.81 -0.36 -0.53	12.32 -0.05 -2.03	9.39 -0.01 -2.00	28.80 -0.05 -0.48	33.16 -0.09 -0.13	26.86 -0.02 0.00	23.23 0.02 0.00	21.12 0.03 0.00
SHOEMAKER___GT 23640	33.57 1.06 -0.15	26.56 0.82 -1.42	26.66 0.84 0.00	24.52 0.75 0.00	24.21 0.73 0.00	28.08 0.77 -1.04	69.99 -0.11 -73.42	51.24 1.36 -9.59	30.41 0.45 -18.71	47.26 1.70 -0.71	26.43 0.97 -0.40	26.39 0.95 0.00	27.99 0.92 -4.45	31.62 0.72 -13.28	30.64 1.02 -6.31	35.29 0.77 -17.65	33.04 1.12 -6.28	34.76 0.46 -23.95	31.33 0.31 -23.62	35.15 1.08 -5.71	35.86 1.23 -1.53	27.53 1.03 0.38	24.09 0.89 0.00	21.73 0.64 0.00
SHOEMAKR_138KV_BK 111 55601	33.54 1.03 -0.15	26.53 0.81 -1.41	26.66 0.84 0.00	24.50 0.73 0.00	24.21 0.72 0.00	28.05 0.75 -1.03	69.09 -0.11 -72.52	51.07 1.31 -9.47	30.17 0.45 -18.48	47.23 1.68 -0.70	26.42 0.97 -0.39	26.39 0.95 0.00	27.94 0.93 -4.40	31.47 0.72 -13.12	30.57 1.03 -6.23	35.08 0.78 -17.43	32.98 1.14 -6.20	34.47 0.46 -23.66	31.04 0.30 -23.33	35.06 1.06 -5.64	35.82 1.20 -1.51	27.52 1.00 0.36	24.06 0.86 0.00	21.72 0.63 0.00

SHOREHAM_IC_1 23715	36.35 3.36 -0.64	28.52 2.54 -1.67	29.60 2.60 -1.18	27.63 2.37 -1.50	25.68 2.20 0.00	29.84 2.35 -1.22	82.32 -0.32 -85.96	54.94 3.43 -11.23	34.40 1.25 -21.91	50.21 4.54 -0.83	35.14 2.58 -7.50	29.08 2.55 -1.09	36.04 2.35 -11.07	57.19 1.82 -37.74	39.67 2.61 -13.75	72.87 1.79 -54.22	90.72 2.63 -62.45	72.85 1.08 -61.43	46.73 0.79 -38.54	39.77 2.92 -8.49	55.23 3.52 -18.59	46.89 2.98 -17.03	31.06 2.71 -5.15	23.19 2.10 0.00
SHOREHAM_IC_2 23716	36.35 3.36 -0.64	28.52 2.54 -1.67	29.60 2.60 -1.18	27.63 2.37 -1.50	25.68 2.20 0.00	29.84 2.35 -1.22	82.32 -0.32 -85.96	54.94 3.43 -11.23	34.40 1.25 -21.91	50.21 4.54 -0.83	35.14 2.58 -7.50	29.08 2.55 -1.09	36.04 2.35 -11.07	57.19 1.82 -37.74	39.67 2.61 -13.75	72.87 1.79 -54.22	90.72 2.63 -62.45	72.85 1.08 -61.43	46.73 0.79 -38.54	39.77 2.92 -8.49	55.23 3.52 -18.59	46.89 2.98 -17.03	31.06 2.71 -5.15	23.19 2.10 0.00
SISSONVILLE____ 23735	31.61 -0.75 0.00	23.70 -0.61 0.00	25.26 -0.56 0.00	23.31 -0.46 0.00	23.04 -0.44 0.00	25.75 -0.53 0.00	-3.25 0.08 0.00	39.27 -1.02 0.00	10.84 -0.40 0.00	43.56 -1.28 0.00	24.34 -0.72 0.00	24.76 -0.68 0.00	21.92 -0.69 0.00	17.07 -0.56 0.00	22.58 -0.73 0.00	16.32 -0.55 0.00	25.00 -0.64 0.00	10.01 -0.33 0.00	7.21 -0.19 0.00	27.75 -0.63 0.00	32.42 -0.69 0.00	26.26 -0.63 0.00	22.59 -0.61 0.00	20.60 -0.49 0.00
SITHE_IND_GS1 24169	31.51 -0.84 0.00	23.73 -0.64 -0.07	25.11 -0.71 0.00	23.10 -0.66 0.00	22.84 -0.65 0.00	25.65 -0.68 -0.05	0.15 0.07 -3.39	39.89 -0.84 -0.44	11.86 -0.24 -0.86	43.81 -1.07 -0.03	24.46 -0.61 -0.02	24.81 -0.63 0.00	22.24 -0.59 -0.21	17.82 -0.44 -0.64	23.00 -0.62 -0.31	17.26 -0.44 -0.83	25.23 -0.70 -0.29	11.21 -0.24 -1.11	8.33 -0.17 -1.09	27.99 -0.65 -0.26	32.44 -0.75 -0.07	26.29 -0.59 0.00	22.71 -0.49 0.00	20.65 -0.44 0.00
SITHE_IND_GS2 24170	31.51 -0.84 0.00	23.73 -0.64 -0.07	25.11 -0.71 0.00	23.10 -0.66 0.00	22.84 -0.65 0.00	25.65 -0.68 -0.05	0.15 0.07 -3.39	39.89 -0.84 -0.44	11.86 -0.24 -0.86	43.81 -1.07 -0.03	24.46 -0.61 -0.02	24.81 -0.63 0.00	22.24 -0.59 -0.21	17.82 -0.44 -0.64	23.00 -0.62 -0.31	17.26 -0.44 -0.83	25.23 -0.70 -0.29	11.21 -0.24 -1.11	8.33 -0.17 -1.09	27.99 -0.65 -0.26	32.44 -0.75 -0.07	26.29 -0.59 0.00	22.71 -0.49 0.00	20.65 -0.44 0.00
SITHE_IND_GS3 24171	31.51 -0.84 0.00	23.73 -0.64 -0.07	25.11 -0.71 0.00	23.10 -0.66 0.00	22.84 -0.65 0.00	25.65 -0.68 -0.05	0.15 0.07 -3.39	39.89 -0.84 -0.44	11.86 -0.24 -0.86	43.81 -1.07 -0.03	24.46 -0.61 -0.02	24.81 -0.63 0.00	22.24 -0.59 -0.21	17.82 -0.44 -0.64	23.00 -0.62 -0.31	17.26 -0.44 -0.83	25.23 -0.70 -0.29	11.21 -0.24 -1.11	8.33 -0.17 -1.09	27.99 -0.65 -0.26	32.44 -0.75 -0.07	26.29 -0.59 0.00	22.71 -0.49 0.00	20.65 -0.44 0.00
SITHE_IND_GS4 24172	31.51 -0.84 0.00	23.73 -0.64 -0.07	25.11 -0.71 0.00	23.10 -0.66 0.00	22.84 -0.65 0.00	25.65 -0.68 -0.05	0.15 0.07 -3.39	39.89 -0.84 -0.44	11.86 -0.24 -0.86	43.81 -1.07 -0.03	24.46 -0.61 -0.02	24.81 -0.63 0.00	22.24 -0.59 -0.21	17.82 -0.44 -0.64	23.00 -0.62 -0.31	17.26 -0.44 -0.83	25.23 -0.70 -0.29	11.21 -0.24 -1.11	8.33 -0.17 -1.09	27.99 -0.65 -0.26	32.44 -0.75 -0.07	26.29 -0.59 0.00	22.71 -0.49 0.00	20.65 -0.44 0.00
SITHE____BATAVIA 24024	32.27 -0.08 0.00	24.27 -0.16 -0.13	25.57 -0.25 0.00	23.57 -0.20 0.00	23.27 -0.21 0.00	26.31 -0.06 -0.09	3.18 -0.05 -6.54	41.99 0.85 -0.85	13.06 0.16 -1.65	44.94 0.03 -0.07	25.12 0.03 -0.04	25.41 -0.04 0.00	22.77 -0.25 -0.41	18.75 -0.11 -1.23	23.66 -0.25 -0.60	18.28 -0.18 -1.60	25.63 -0.57 -0.56	12.42 -0.05 -2.13	9.48 -0.03 -2.11	28.76 -0.12 -0.51	33.28 0.03 -0.14	27.03 0.15 0.00	23.59 0.39 0.00	21.62 0.54 0.00
SITHE____INDEPEND 23800	31.52 -0.84 0.00	23.73 -0.65 -0.07	25.11 -0.71 0.00	23.11 -0.67 0.00	22.84 -0.65 0.00	25.65 -0.67 -0.05	0.15 0.07 -3.39	39.89 -0.84 -0.44	11.86 -0.24 -0.86	43.81 -1.07 -0.03	24.46 -0.62 -0.02	24.81 -0.63 0.00	22.24 -0.59 -0.21	17.82 -0.45 -0.64	23.00 -0.62 -0.31	17.26 -0.44 -0.83	25.22 -0.71 -0.29	11.21 -0.24 -1.11	8.33 -0.17 -1.09	27.99 -0.65 -0.26	32.44 -0.75 -0.07	26.30 -0.59 0.00	22.72 -0.49 0.00	20.65 -0.44 0.00
SITHE____MASSENA 23902	32.18 -0.18 0.00	24.15 -0.16 0.00	25.73 -0.09 0.00	23.73 -0.03 0.00	23.44 -0.04 0.00	26.17 -0.11 0.00	-3.29 0.03 0.00	39.89 -0.40 0.00	-191.42 -0.20 202.46	34.91 -0.50 9.44	21.03 -0.26 3.76	25.21 -0.23 0.00	22.38 -0.23 0.00	17.45 -0.18 0.00	23.08 -0.23 0.00	16.67 -0.19 0.00	25.47 -0.17 0.00	10.20 -0.14 0.00	7.32 -0.09 0.00	28.09 -0.28 0.00	32.83 -0.29 0.00	26.62 -0.27 0.00	22.94 -0.27 0.00	20.94 -0.15 0.00
SITHE____OGDNSBRG 24021	32.37 0.01 0.00	24.27 -0.05 0.00	25.85 0.02 0.00	23.85 0.08 0.00	23.58 0.09 0.00	26.37 0.09 0.00	-3.32 0.00 0.00	40.26 -0.03 0.00	11.07 -0.17 0.00	44.55 -0.30 0.00	24.90 -0.16 0.00	25.36 -0.08 0.00	22.46 -0.16 0.00	17.49 -0.13 0.00	23.12 -0.19 0.00	16.73 -0.14 0.00	25.64 0.00 0.00	10.24 -0.10 0.00	7.37 -0.04 0.00	28.35 -0.02 0.00	33.14 0.02 0.00	26.83 -0.06 0.00	23.07 -0.14 0.00	21.04 -0.05 0.00
SITHE____STERLING 23777	32.94 0.59 0.00	24.83 0.46 -0.06	26.34 0.52 0.00	24.22 0.45 0.00	23.97 0.49 0.00	26.93 0.61 -0.04	-0.42 0.00 -2.98	41.79 1.12 -0.39	12.28 0.28 -0.76	45.86 0.98 -0.03	25.54 0.47 -0.02	25.89 0.45 0.00	23.21 0.40 -0.19	18.46 0.26 -0.57	23.86 0.28 -0.27	17.81 0.21 -0.73	26.29 0.39 -0.25	11.52 0.20 -0.97	8.54 0.17 -0.96	29.36 0.76 -0.23	34.07 0.89 -0.06	27.59 0.70 0.00	23.78 0.58 0.00	21.61 0.52 0.00
SLEIGHT__34_KV_TB1 80719	32.63 0.28 0.00	24.59 0.16 -0.11	25.91 0.08 0.00	23.81 0.04 0.00	23.60 0.12 0.00	26.63 0.27 -0.08	2.50 -0.06 -5.88	42.04 0.98 -0.77	12.97 0.23 -1.50	45.68 0.77 -0.06	25.50 0.40 -0.03	25.87 0.43 0.00	23.24 0.25 -0.38	18.95 0.20 -1.13	24.07 0.22 -0.54	18.48 0.17 -1.45	26.34 0.19 -0.50	12.47 0.21 -1.92	9.46 0.16 -1.89	29.46 0.63 -0.46	33.89 0.66 -0.12	27.44 0.55 0.00	23.71 0.51 0.00	21.50 0.41 0.00
SOUTH CAIRO____GT 23612	33.94 1.70 0.12	27.60 1.28 -2.00	27.15 1.32 0.00	24.99 1.22 0.00	24.68 1.20 0.00	29.20 1.46 -1.47	99.78 -0.19 -103.30	56.38 2.60 -13.49	38.22 0.65 -26.33	47.83 1.99 -1.00	26.54 0.92 -0.56	26.36 0.92 0.00	29.72 0.88 -6.22	37.03 0.69 -18.72	33.09 0.88 -8.89	42.34 0.63 -24.84	35.52 1.04 -8.84	44.55 0.50 -33.71	41.02 0.39 -33.23	37.90 1.49 -8.03	37.33 2.07 -2.15	28.61 1.58 -0.15	24.48 1.28 0.00	22.09 1.00 0.00
SOUTH HAMPTN____IC 23720	36.89 3.89 -0.64	28.89 2.91 -1.67	29.95 2.95 -1.18	27.98 2.71 -1.50	26.02 2.53 0.00	30.22 2.73 -1.22	82.26 -0.37 -85.96	55.62 4.10 -11.23	34.60 1.45 -21.91	51.09 5.41 -0.83	35.55 2.99 -7.50	29.51 2.98 -1.09	36.44 2.75 -11.07	57.53 2.16 -37.74	40.21 3.15 -13.75	73.37 2.29 -54.22	91.48 3.40 -62.45	73.15 1.37 -61.43	46.89 0.95 -38.54	40.33 3.48 -8.49	55.88 4.17 -18.59	47.38 3.47 -17.03	31.46 3.10 -5.15	23.49 2.40 0.00

SOUTHDOWN_115KV_TB1 355954	32.74 0.39 0.00	24.62 0.15 -0.15	25.91 0.09 0.00	23.84 0.07 0.00	23.58 0.09 0.00	26.73 0.34 -0.11	4.62 -0.08 -8.02	42.88 1.55 -1.04	13.69 0.43 -2.02	46.44 1.51 -0.08	25.70 0.60 -0.05	26.07 0.62 0.00	23.57 0.45 -0.50	19.60 0.47 -1.51	24.54 0.50 -0.73	19.20 0.38 -1.96	26.53 0.20 -0.69	13.14 0.19 -2.62	10.06 0.07 -2.58	29.30 0.31 -0.62	33.83 0.55 -0.17	27.53 0.64 0.00	23.97 0.76 0.00	21.92 0.83 0.00
SOUTHOLD_69_KV_BK 2 55809	37.58 4.59 -0.64	29.40 3.42 -1.67	30.46 3.46 -1.18	28.43 3.16 -1.50	26.45 2.96 0.00	30.64 3.14 -1.22	82.19 -0.44 -85.96	56.45 4.93 -11.23	34.84 1.69 -21.91	51.97 6.29 -0.83	35.54 2.99 -7.50	29.47 2.94 -1.09	36.40 2.71 -11.07	57.64 2.27 -37.74	40.81 3.75 -13.75	73.82 2.74 -54.22	92.17 4.08 -62.45	73.43 1.66 -61.43	47.09 1.15 -38.54	41.06 4.21 -8.49	56.70 4.99 -18.59	48.02 4.11 -17.03	31.87 3.52 -5.15	23.89 2.80 0.00
SOUTHOLD___IC 23719	37.58 4.59 -0.64	29.38 3.40 -1.67	30.45 3.45 -1.18	28.44 3.17 -1.50	26.46 2.98 0.00	30.74 3.24 -1.22	82.19 -0.44 -85.96	56.48 4.97 -11.23	34.85 1.70 -21.91	52.00 6.33 -0.83	35.54 2.99 -7.50	29.47 2.94 -1.09	36.39 2.71 -11.07	57.64 2.27 -37.74	40.82 3.76 -13.75	73.82 2.74 -54.22	92.16 4.08 -62.45	73.43 1.66 -61.43	47.09 1.14 -38.54	41.06 4.21 -8.49	56.70 4.99 -18.59	48.02 4.11 -17.03	31.96 3.61 -5.15	23.89 2.80 0.00
SPIERFLS_115KV_TB 1 80737	34.06 1.96 0.25	28.02 1.54 -2.17	27.49 1.67 0.00	25.33 1.56 0.00	25.03 1.55 0.00	29.69 1.82 -1.59	108.46 -0.26 -112.04	58.08 3.16 -14.63	40.66 0.86 -28.56	49.00 3.06 -1.09	27.34 1.67 -0.61	27.04 1.60 0.00	30.76 1.40 -6.74	39.11 1.15 -20.33	34.40 1.42 -9.66	44.95 1.12 -26.97	37.03 1.81 -9.58	47.69 0.79 -36.56	44.04 0.59 -36.04	39.34 2.25 -8.71	37.95 2.51 -2.33	28.85 1.79 -0.18	24.67 1.47 0.00	22.32 1.23 0.00
ST LAWRENCE____ 23600	31.94 -0.42 0.00	23.97 -0.34 0.00	25.52 -0.30 0.00	23.54 -0.23 0.00	23.24 -0.24 0.00	25.95 -0.33 0.00	-3.26 0.06 0.00	39.54 -0.75 0.00	-191.48 -0.27 202.46	34.57 -0.84 9.44	20.84 -0.45 3.76	25.02 -0.42 0.00	22.22 -0.39 0.00	17.32 -0.30 0.00	22.92 -0.39 0.00	16.56 -0.31 0.00	25.28 -0.36 0.00	10.13 -0.22 0.00	7.26 -0.15 0.00	27.86 -0.51 0.00	32.54 -0.58 0.00	26.39 -0.49 0.00	22.75 -0.45 0.00	20.76 -0.33 0.00
STATE_CA_115KV_115_LB 55624	32.81 0.70 0.24	27.04 0.59 -2.14	26.45 0.63 0.00	24.33 0.56 0.00	24.05 0.56 0.00	28.48 0.63 -1.57	107.13 -0.09 -110.54	55.79 1.07 -14.44	39.73 0.32 -28.17	47.07 1.15 -1.07	26.27 0.61 -0.60	26.04 0.60 0.00	29.88 0.61 -6.65	38.16 0.48 -20.06	33.44 0.59 -9.54	43.89 0.42 -26.60	35.73 0.64 -9.46	46.69 0.28 -36.07	43.17 0.20 -35.56	37.74 0.77 -8.60	36.26 0.85 -2.30	27.68 0.61 -0.18	23.71 0.51 0.00	21.47 0.39 0.00
STATE_ST_34_KV_LOAD 55959	32.78 0.42 0.00	24.71 0.28 -0.12	25.88 0.06 0.00	23.81 0.04 0.00	23.58 0.09 0.00	26.59 0.22 -0.09	2.78 -0.06 -6.17	41.97 0.87 -0.81	13.03 0.22 -1.57	45.63 0.72 -0.06	25.50 0.41 -0.04	25.86 0.42 0.00	23.24 0.23 -0.40	19.00 0.18 -1.20	24.07 0.19 -0.57	18.53 0.14 -1.53	26.37 0.20 -0.53	12.56 0.21 -2.01	9.56 0.17 -1.98	29.52 0.68 -0.48	33.87 0.64 -0.13	27.46 0.58 0.00	23.71 0.50 0.00	21.39 0.30 0.00
STATION 5_MISC_HYD 23604	32.02 -0.34 0.00	24.09 -0.34 -0.11	25.38 -0.45 0.00	23.38 -0.39 0.00	23.10 -0.39 0.00	26.05 -0.31 -0.08	2.53 -0.02 -5.87	41.24 0.19 -0.76	12.76 0.04 -1.48	44.71 -0.20 -0.06	24.95 -0.13 -0.03	25.32 -0.13 0.00	22.76 -0.23 -0.37	18.64 -0.09 -1.11	23.62 -0.23 -0.54	18.15 -0.16 -1.44	25.68 -0.46 -0.50	12.20 -0.06 -1.91	9.25 -0.05 -1.89	28.60 -0.23 -0.45	33.09 -0.14 -0.12	26.84 -0.05 0.00	23.33 0.13 0.00	21.29 0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.20 -0.15 0.00	24.24 -0.18 -0.11	25.56 -0.26 0.00	23.54 -0.23 0.00	23.28 -0.21 0.00	26.25 -0.11 -0.08	2.56 -0.03 -5.90	41.46 0.41 -0.77	12.83 0.09 -1.49	45.02 0.11 -0.06	25.09 0.00 -0.03	25.46 0.02 0.00	22.91 -0.08 -0.37	18.72 -0.02 -1.12	23.74 -0.11 -0.54	18.25 -0.06 -1.45	25.90 -0.24 -0.51	12.29 0.03 -1.93	9.33 0.02 -1.90	28.89 0.06 -0.46	33.34 0.11 -0.12	27.04 0.15 0.00	23.43 0.23 0.00	21.34 0.25 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.84 -0.52 0.00	23.95 -0.47 -0.11	25.24 -0.58 0.00	23.25 -0.52 0.00	22.98 -0.51 0.00	25.92 -0.44 -0.08	2.52 0.00 -5.83	41.03 -0.02 -0.76	12.69 -0.03 -1.48	44.47 -0.43 -0.06	24.83 -0.27 -0.03	25.19 -0.26 0.00	22.66 -0.33 -0.37	18.54 -0.19 -1.10	23.50 -0.34 -0.53	18.06 -0.24 -1.43	25.57 -0.57 -0.50	12.14 -0.10 -1.90	9.21 -0.08 -1.88	28.48 -0.34 -0.45	32.93 -0.30 -0.12	26.72 -0.17 0.00	23.21 0.00 0.00	21.16 0.07 0.00
STA_56___34_KV_BUS2 355983	31.84 -0.52 0.00	23.95 -0.47 -0.11	25.24 -0.58 0.00	23.25 -0.52 0.00	22.98 -0.51 0.00	25.92 -0.44 -0.08	2.52 0.00 -5.83	41.03 -0.02 -0.76	12.69 -0.03 -1.48	44.47 -0.43 -0.06	24.83 -0.27 -0.03	25.19 -0.26 0.00	22.66 -0.33 -0.37	18.54 -0.19 -1.10	23.50 -0.34 -0.53	18.06 -0.24 -1.43	25.57 -0.57 -0.50	12.14 -0.10 -1.90	9.21 -0.08 -1.88	28.48 -0.34 -0.45	32.93 -0.30 -0.12	26.72 -0.17 0.00	23.21 0.00 0.00	21.16 0.07 0.00
STA_67___115KV_BK2 355882	31.96 -0.40 0.00	24.03 -0.39 -0.11	25.34 -0.49 0.00	23.34 -0.43 0.00	23.06 -0.42 0.00	26.02 -0.34 -0.08	2.53 -0.01 -5.86	41.17 0.12 -0.76	12.73 0.01 -1.48	44.61 -0.29 -0.06	24.89 -0.19 -0.03	25.26 -0.19 0.00	22.71 -0.28 -0.37	18.59 -0.14 -1.11	23.55 -0.29 -0.54	18.10 -0.20 -1.44	25.61 -0.53 -0.50	12.17 -0.08 -1.91	9.23 -0.06 -1.89	28.53 -0.29 -0.45	33.01 -0.23 -0.12	26.79 -0.09 0.00	23.30 0.09 0.00	21.25 0.17 0.00
STA_7___115KV_9TRANS 80674	32.17 -0.19 0.00	24.18 -0.24 -0.11	25.48 -0.35 0.00	23.47 -0.30 0.00	23.18 -0.30 0.00	26.16 -0.20 -0.08	2.51 -0.03 -5.87	41.44 0.39 -0.76	12.81 0.09 -1.48	44.91 0.00 -0.06	25.07 -0.02 -0.03	25.44 -0.01 0.00	22.86 -0.12 -0.37	18.72 -0.01 -1.11	23.72 -0.13 -0.54	18.22 -0.08 -1.44	25.79 -0.35 -0.50	12.25 -0.01 -1.91	9.29 0.00 -1.89	28.76 -0.07 -0.45	33.27 0.03 -0.12	27.00 0.12 0.00	23.46 0.26 0.00	21.38 0.29 0.00
STA_82___115KV_TB1 80780	31.97 -0.38 0.00	24.05 -0.37 -0.11	25.35 -0.48 0.00	23.35 -0.42 0.00	23.07 -0.41 0.00	26.03 -0.33 -0.08	2.56 -0.01 -5.89	41.21 0.16 -0.77	12.75 0.02 -1.49	44.63 -0.28 -0.06	24.91 -0.18 -0.03	25.27 -0.17 0.00	22.72 -0.27 -0.37	18.61 -0.13 -1.11	23.57 -0.28 -0.54	18.12 -0.19 -1.44	25.63 -0.52 -0.50	12.18 -0.08 -1.92	9.24 -0.06 -1.90	28.56 -0.27 -0.46	33.04 -0.20 -0.12	26.81 -0.07 0.00	23.32 0.11 0.00	21.26 0.17 0.00
STEEL___WIND 323596	31.79 -0.57 0.00	23.91 -0.54 -0.14	25.17 -0.65 0.00	23.19 -0.58 0.00	22.89 -0.60 0.00	25.86 -0.52 -0.11	4.18 0.01 -7.49	41.27 0.01 -0.97	13.12 -0.01 -1.89	44.46 -0.46 -0.08	24.76 -0.34 -0.04	25.14 -0.30 0.00	22.66 -0.42 -0.47	18.83 -0.21 -1.41	23.59 -0.41 -0.69	18.39 -0.30 -1.83	25.48 -0.80 -0.64	12.61 -0.18 -2.45	9.64 -0.17 -2.41	28.26 -0.69 -0.58	32.68 -0.59 -0.15	26.59 -0.29 0.00	23.24 0.04 0.00	21.33 0.25 0.00

STEPHTWN_115KV_BK_2 55603	32.93 0.81 0.23	27.11 0.66 -2.13	26.50 0.67 0.00	24.36 0.59 0.00	24.09 0.61 0.00	28.61 0.77 -1.56	106.47 -0.10 -109.89	55.90 1.26 -14.35	39.62 0.37 -28.01	47.23 1.32 -1.07	26.30 0.65 -0.60	26.07 0.62 0.00	29.90 0.67 -6.61	38.11 0.55 -19.94	33.47 0.69 -9.48	43.81 0.49 -26.44	35.83 0.79 -9.40	46.55 0.35 -35.86	43.00 0.24 -35.35	37.87 0.95 -8.55	36.39 0.99 -2.28	27.79 0.72 -0.18	23.79 0.58 0.00	21.52 0.43 0.00
STEBEN_REC_LFGE 323667	32.52 0.17 0.00	24.52 0.02 -0.19	25.69 -0.13 0.00	23.62 -0.15 0.00	23.35 -0.14 0.00	26.35 -0.06 -0.14	6.40 -0.01 -9.74	42.11 0.56 -1.27	13.90 0.20 -2.47	45.37 0.43 -0.10	25.12 0.01 -0.06	25.44 -0.01 0.00	23.12 -0.11 -0.62	19.43 -0.04 -1.85	24.00 -0.21 -0.90	19.19 -0.07 -2.39	26.15 -0.32 -0.83	13.49 -0.03 -3.18	10.54 0.00 -3.13	29.26 0.13 -0.76	33.42 0.10 -0.20	27.15 0.27 0.00	23.64 0.44 0.00	21.59 0.50 0.00
STONY__BROOK 24151	36.08 3.08 -0.64	28.35 2.37 -1.67	29.40 2.40 -1.18	27.47 2.20 -1.50	25.52 2.04 0.00	29.67 2.17 -1.22	82.35 -0.29 -85.96	54.65 3.13 -11.23	34.32 1.17 -21.91	50.00 4.32 -0.83	35.14 2.59 -7.50	29.11 2.58 -1.09	36.05 2.36 -11.07	57.17 1.80 -37.74	39.60 2.54 -13.75	72.94 1.86 -54.22	90.76 2.68 -62.45	72.83 1.05 -61.43	46.65 0.70 -38.54	39.43 2.57 -8.49	54.89 3.19 -18.59	46.62 2.71 -17.03	30.84 2.48 -5.15	23.03 1.94 0.00
STURGEON_POOL_HYD 23609	33.78 1.36 -0.06	27.08 1.06 -1.71	26.98 1.16 0.00	24.78 1.01 0.00	24.48 1.00 0.00	28.53 1.00 -1.25	84.82 -0.12 -88.26	53.45 1.64 -11.53	34.30 0.56 -22.49	47.97 2.27 -0.85	26.88 1.34 -0.48	26.76 1.32 0.00	29.19 1.25 -5.32	34.52 0.96 -15.92	32.28 1.41 -7.56	39.11 1.05 -21.19	34.71 1.52 -7.55	39.73 0.59 -28.80	36.19 0.39 -28.39	36.63 1.39 -6.86	36.54 1.59 -1.83	28.27 1.32 -0.07	24.32 1.12 0.00	21.95 0.86 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.65 1.13 -0.16	26.69 0.89 -1.48	26.77 0.95 0.00	24.60 0.83 0.00	24.31 0.82 0.00	28.21 0.85 -1.09	72.98 -0.11 -76.42	51.70 1.42 -9.98	31.21 0.49 -19.48	47.48 1.90 -0.74	26.58 1.11 -0.41	26.54 1.10 0.00	28.33 1.08 -4.64	32.30 0.84 -13.83	31.09 1.21 -6.57	36.16 0.93 -18.37	33.50 1.32 -6.54	35.80 0.52 -24.94	32.33 0.34 -24.58	35.46 1.15 -5.94	35.98 1.29 -1.59	27.51 1.08 0.45	24.14 0.93 0.00	21.79 0.70 0.00
SWANROAD_115KV_TB1 355699	31.07 -1.29 0.00	23.38 -1.07 -0.14	24.61 -1.21 0.00	22.72 -1.04 0.00	22.43 -1.06 0.00	25.32 -1.05 -0.10	3.78 0.10 -7.00	40.42 -0.77 -0.91	12.70 -0.30 -1.77	43.16 -1.75 -0.07	24.14 -0.96 -0.04	24.50 -0.94 0.00	22.03 -1.02 -0.44	18.26 -0.68 -1.32	22.90 -1.05 -0.64	17.76 -0.81 -1.71	24.67 -1.57 -0.60	12.13 -0.49 -2.28	9.29 -0.37 -2.25	27.41 -1.51 -0.55	31.65 -1.61 -0.14	25.81 -1.07 0.00	22.67 -0.53 0.00	20.83 -0.26 0.00
SYNERGY__BIOGAS 323694	32.27 -0.08 0.00	24.27 -0.16 -0.13	25.57 -0.25 0.00	23.57 -0.20 0.00	23.27 -0.21 0.00	26.31 -0.06 -0.09	3.18 -0.05 -6.54	41.99 0.85 -0.85	13.06 0.16 -1.65	44.94 0.03 -0.07	25.12 0.03 -0.04	25.41 -0.04 0.00	22.77 -0.25 -0.41	18.75 -0.11 -1.23	23.66 -0.18 -0.60	18.28 -0.18 -1.60	25.63 -0.57 -0.56	12.42 -0.05 -2.13	9.48 -0.03 -2.11	28.76 -0.12 -0.51	33.28 0.03 -0.14	27.03 0.15 0.00	23.59 0.39 0.00	21.62 0.54 0.00
SYRACUSE__ENERGY_ST1 323597	32.31 -0.05 0.00	24.37 -0.04 -0.10	25.74 -0.08 0.00	23.67 -0.09 0.00	23.40 -0.08 0.00	26.31 -0.04 -0.07	1.75 -0.01 -5.08	41.11 0.16 -0.66	12.52 0.00 -1.29	44.76 -0.13 -0.05	24.98 -0.11 -0.03	25.33 -0.11 0.00	22.79 -0.15 -0.32	18.46 -0.13 -0.97	23.57 -0.21 -0.47	17.98 -0.13 -1.25	25.95 -0.12 -0.43	12.05 0.05 -1.66	9.09 0.05 -1.63	28.95 0.18 -0.39	33.43 0.21 -0.10	27.06 0.17 0.00	23.37 0.17 0.00	21.22 0.14 0.00
SYRACUSE__ENERGY_ST2 323598	32.31 -0.05 0.00	24.37 -0.04 -0.10	25.74 -0.08 0.00	23.67 -0.09 0.00	23.40 -0.08 0.00	26.31 -0.04 -0.07	1.75 -0.01 -5.08	41.11 0.16 -0.66	12.52 0.00 -1.29	44.76 -0.13 -0.05	24.98 -0.11 -0.03	25.33 -0.11 0.00	22.79 -0.15 -0.32	18.46 -0.13 -0.97	23.57 -0.21 -0.47	17.98 -0.13 -1.25	25.95 -0.12 -0.43	12.05 0.05 -1.66	9.09 0.05 -1.63	28.95 0.18 -0.39	33.43 0.21 -0.10	27.06 0.17 0.00	23.37 0.17 0.00	21.22 0.14 0.00
SYRACUSE__POWER 24017	32.21 -0.14 0.00	24.29 -0.13 -0.10	25.65 -0.17 0.00	23.59 -0.18 0.00	23.32 -0.17 0.00	26.23 -0.11 -0.07	1.95 0.00 -5.27	41.10 0.12 -0.69	12.60 0.01 -1.34	44.85 -0.05 -0.05	25.01 -0.08 -0.03	25.36 -0.08 0.00	22.85 -0.10 -0.34	18.55 -0.08 -1.01	23.64 -0.15 -0.48	18.07 -0.09 -1.29	25.93 -0.15 -0.45	12.07 0.01 -1.72	9.12 0.02 -1.70	28.85 0.07 -0.41	33.32 0.10 -0.11	26.96 0.08 0.00	23.28 0.08 0.00	21.15 0.06 0.00
TALLMAN__138KV_BK151 55660	33.83 1.30 -0.17	26.88 1.02 -1.55	26.91 1.09 0.00	24.71 0.94 0.00	24.43 0.94 0.00	28.38 0.96 -1.14	76.59 -0.13 -80.04	52.38 1.63 -10.46	32.22 0.57 -20.40	47.85 2.23 -0.77	26.83 1.34 -0.43	26.76 1.32 0.00	28.78 1.30 -4.86	33.13 1.01 -14.49	31.65 1.45 -6.89	37.22 1.11 -19.25	34.07 1.58 -6.85	37.07 0.62 -26.12	33.55 0.40 -25.75	35.92 1.33 -6.22	36.25 1.47 -1.66	27.51 1.26 0.63	24.28 1.08 0.00	21.88 0.79 0.00
TEALLAVE_115KV_TB7 355573	32.05 -0.31 0.00	24.15 -0.25 -0.09	25.52 -0.30 0.00	23.47 -0.30 0.00	23.21 -0.28 0.00	26.10 -0.24 -0.06	1.25 0.01 -4.56	40.81 -0.08 -0.59	12.37 -0.03 -1.16	44.65 -0.24 -0.05	24.92 -0.16 -0.03	25.26 -0.18 0.00	22.72 -0.18 -0.29	18.35 -0.14 -0.87	23.50 -0.23 -0.42	17.83 -0.15 -1.12	25.76 -0.27 -0.39	11.79 -0.04 -1.49	8.85 -0.02 -1.47	28.63 -0.09 -0.35	33.12 -0.09 -0.09	26.81 -0.07 0.00	23.16 -0.04 0.00	21.05 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	31.73 -0.63 0.00	23.86 -0.58 -0.13	25.14 -0.69 0.00	23.19 -0.58 0.00	22.90 -0.59 0.00	25.87 -0.50 -0.10	3.44 0.02 -6.74	41.26 0.10 -0.87	12.90 -0.04 -1.70	44.20 -0.71 -0.07	24.72 -0.38 -0.04	25.05 -0.40 0.00	22.48 -0.56 -0.42	18.57 -0.32 -1.27	23.36 -0.56 -0.62	18.08 -0.43 -1.65	25.24 -0.97 -0.58	12.32 -0.22 -2.20	9.39 -0.18 -2.17	28.15 -0.75 -0.52	32.55 -0.71 -0.14	26.51 -0.38 0.00	23.21 0.00 0.00	21.27 0.19 0.00
TEMPLE__115KV_TB 2 55572	32.07 -0.29 0.00	24.17 -0.24 -0.09	25.53 -0.29 0.00	23.49 -0.28 0.00	23.22 -0.27 0.00	26.11 -0.23 -0.07	1.33 0.01 -4.63	40.85 -0.04 -0.60	12.39 -0.02 -1.18	44.69 -0.20 -0.05	24.94 -0.15 -0.03	25.29 -0.15 0.00	22.75 -0.16 -0.29	18.38 -0.12 -0.88	23.53 -0.20 -0.42	17.87 -0.13 -1.14	25.79 -0.24 -0.40	11.82 -0.03 -1.51	8.88 -0.02 -1.49	28.66 -0.07 -0.36	33.14 -0.07 -0.10	26.83 -0.05 0.00	23.17 -0.03 0.00	21.06 -0.03 0.00
TIANA____69_KV_BK 1 55817	36.76 3.77 -0.64	28.80 2.81 -1.67	29.85 2.85 -1.18	27.87 2.60 -1.50	25.90 2.41 0.00	30.02 2.53 -1.22	82.28 -0.36 -85.96	55.42 3.90 -11.23	34.54 1.39 -21.91	50.82 5.14 -0.83	35.42 2.86 -7.50	29.37 2.84 -1.09	36.31 2.63 -11.07	57.42 2.05 -37.74	40.05 2.98 -13.75	73.25 2.17 -54.22	91.31 3.22 -62.45	73.07 1.30 -61.43	46.84 0.90 -38.54	40.16 3.30 -8.49	55.71 4.00 -18.59	47.26 3.35 -17.03	31.28 2.93 -5.15	23.40 2.31 0.00

TILDEN___115KV_TB1 80814	32.21 -0.14 0.00	24.29 -0.13 -0.10	25.65 -0.17 0.00	23.59 -0.18 0.00	23.32 -0.17 0.00	26.23 -0.11 -0.07	1.95 0.00 -5.27	41.10 0.12 -0.69	12.60 0.01 -1.34	44.85 -0.05 -0.05	25.01 -0.08 -0.03	25.36 -0.08 0.00	22.85 -0.10 -0.34	18.55 -0.08 -1.01	23.64 -0.15 -0.48	18.07 -0.09 -1.29	25.93 -0.15 -0.45	12.07 0.01 -1.72	9.12 0.02 -1.70	28.85 0.07 -0.41	33.32 0.10 -0.11	26.96 0.08 0.00	23.28 0.08 0.00	21.15 0.06 0.00
TRIGEN___CC 323695	35.17 2.18 -0.64	27.65 1.66 -1.67	28.73 1.73 -1.18	26.82 1.55 -1.50	24.95 1.47 0.00	29.00 1.50 -1.22	82.44 -0.20 -85.96	53.69 2.18 -11.23	33.97 0.81 -21.91	48.70 3.02 -0.83	34.45 1.90 -7.50	28.42 1.89 -1.09	35.45 1.76 -11.07	56.73 1.36 -37.74	38.94 1.88 -13.75	72.48 1.41 -54.22	90.13 2.05 -62.45	72.57 0.80 -61.43	46.47 0.53 -38.54	38.75 1.89 -8.49	53.92 2.22 -18.59	45.80 1.89 -17.03	30.02 1.67 -5.15	22.41 1.32 0.00
TRINITY__115KV__4 BK 55933	32.71 0.59 0.24	26.95 0.51 -2.14	26.36 0.54 0.00	24.25 0.48 0.00	23.96 0.47 0.00	28.38 0.55 -1.56	106.68 -0.08 -110.08	55.58 0.91 -14.38	39.57 0.28 -28.06	46.88 0.97 -1.07	26.16 0.50 -0.60	25.92 0.48 0.00	29.74 0.51 -6.62	37.99 0.39 -19.97	33.29 0.48 -9.49	43.69 0.33 -26.49	35.56 0.51 -9.42	46.49 0.23 -35.92	42.98 0.17 -35.41	37.56 0.63 -8.56	36.09 0.69 -2.29	27.55 0.49 -0.18	23.62 0.41 0.00	21.38 0.30 0.00
UNION___PROCESSING_DRP 323587	31.98 -0.37 0.00	24.06 -0.37 -0.11	25.35 -0.47 0.00	23.36 -0.41 0.00	23.08 -0.41 0.00	26.03 -0.32 -0.08	2.56 -0.01 -5.90	41.22 0.16 -0.77	12.76 0.02 -1.49	44.66 -0.24 -0.06	24.92 -0.17 -0.03	25.28 -0.17 0.00	22.73 -0.26 -0.37	18.61 -0.12 -1.11	23.58 -0.27 -0.54	18.12 -0.18 -1.44	25.64 -0.51 -0.51	12.19 -0.07 -1.92	9.25 -0.05 -1.90	28.57 -0.26 -0.46	33.04 -0.19 -0.12	26.82 -0.06 0.00	23.33 0.12 0.00	21.27 0.18 0.00
UPPER HUDSON___HYD 24058	34.06 1.96 0.25	28.02 1.54 -2.17	27.48 1.66 0.00	25.33 1.56 0.00	25.03 1.55 0.00	29.70 1.84 -1.59	108.46 -0.26 -112.04	58.10 3.17 -14.63	40.66 3.07 -28.56	49.00 3.07 -1.09	27.34 1.67 -0.61	27.04 1.60 0.00	30.76 1.40 -6.74	39.11 1.15 -20.33	34.40 1.42 -9.66	44.95 1.12 -26.97	37.03 1.81 -9.58	47.69 0.79 -36.56	44.04 0.59 -36.04	39.34 2.25 -8.71	37.95 2.51 -2.33	28.85 1.79 -0.18	24.68 1.48 0.00	22.32 1.23 0.00
UPPER RAQUET___HYD 24056	31.61 -0.75 0.00	23.70 -0.61 0.00	25.26 -0.56 0.00	23.31 -0.46 0.00	23.04 -0.44 0.00	25.73 -0.55 0.00	-3.25 0.08 0.00	39.28 -1.01 0.00	10.84 -0.41 0.00	43.56 -1.28 0.00	24.34 -0.72 0.00	24.76 -0.68 0.00	21.93 -0.69 0.00	17.06 -0.56 0.00	22.57 -0.74 0.00	16.32 -0.55 0.00	25.00 -0.64 0.00	10.01 -0.33 0.00	7.21 -0.19 0.00	27.75 -0.63 0.00	32.42 -0.69 0.00	26.25 -0.63 0.00	22.59 -0.62 0.00	20.60 -0.49 0.00
VALLEY44_115KV_TB2 355964	32.00 -0.36 0.00	24.08 -0.39 -0.16	25.36 -0.46 0.00	23.33 -0.44 0.00	23.12 -0.37 0.00	26.18 -0.21 -0.12	4.85 0.00 -8.17	41.80 0.46 -1.06	13.44 0.14 -2.06	45.40 0.48 -0.08	25.03 -0.07 -0.05	25.28 -0.16 0.00	22.87 -0.26 -0.51	19.03 -0.13 -1.54	23.79 -0.27 -0.75	18.64 -0.22 -1.99	25.70 -0.63 -0.70	12.79 -0.21 -2.67	9.82 -0.21 -2.63	28.30 -0.70 -0.63	32.72 -0.57 -0.17	26.66 -0.22 0.00	23.29 0.09 0.00	21.31 0.22 0.00
VALLEY___115KV_TB 1-4 80826	32.38 0.02 0.00	24.43 0.11 0.00	26.01 0.18 0.00	23.84 0.07 0.00	23.63 0.14 0.00	26.53 0.25 0.00	-3.34 -0.02 0.00	40.44 0.15 0.00	11.27 0.03 0.00	44.86 0.02 0.00	24.94 -0.12 0.00	25.37 -0.07 0.00	22.51 -0.10 0.00	17.54 -0.08 0.00	23.15 -0.16 0.00	16.66 -0.21 0.00	25.30 -0.34 0.00	10.31 -0.03 0.00	7.37 -0.04 0.00	28.44 0.07 0.00	33.15 0.04 0.00	26.88 -0.01 0.00	23.22 0.02 0.00	21.05 -0.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.20 0.80 -0.04	25.28 0.56 -0.40	26.35 0.53 0.00	24.24 0.47 0.00	23.95 0.47 0.00	27.12 0.55 -0.29	17.32 -0.08 -20.73	44.32 1.27 -2.76	17.03 0.39 -5.40	46.53 1.46 -0.23	25.91 0.73 -0.13	26.23 0.79 0.00	24.76 0.71 -1.44	22.46 0.55 -4.28	25.99 0.72 -1.95	22.71 0.58 -5.27	28.28 0.87 -1.77	17.47 0.36 -6.76	14.33 0.26 -6.67	30.92 0.94 -1.61	34.63 1.09 -0.43	27.67 0.87 0.08	23.92 0.72 0.00	21.64 0.55 0.00
VISCHER___FERRY HYD 24020	33.15 1.12 0.32	27.38 0.92 -2.15	26.81 0.99 0.00	24.67 0.90 0.00	24.37 0.88 0.00	28.88 1.04 -1.57	107.24 -0.15 -110.71	56.42 1.67 -14.46	39.94 0.48 -28.22	47.65 1.73 -1.07	26.56 0.90 -0.60	26.30 0.86 0.00	30.08 0.81 -6.65	38.36 0.64 -20.09	33.66 0.80 -9.55	44.06 0.55 -26.64	35.99 0.88 -9.47	46.87 0.40 -36.12	43.32 0.30 -35.61	38.15 1.17 -8.61	36.70 1.28 -2.30	28.01 0.94 -0.18	24.01 0.80 0.00	21.73 0.64 0.00
V_A_10_SYNC_DSASP 323832	31.44 -0.92 0.00	23.67 -0.77 -0.12	24.95 -0.88 0.00	22.99 -0.78 0.00	22.71 -0.77 0.00	25.62 -0.74 -0.09	3.11 0.03 -6.40	40.65 -0.47 -0.83	12.71 -0.14 -1.62	43.89 -1.02 -0.06	24.47 -0.63 -0.04	24.83 -0.61 0.00	22.35 -0.67 -0.40	18.42 -0.42 -1.20	23.21 -0.69 -0.59	17.93 -0.50 -1.57	25.12 -1.07 -0.55	12.14 -0.29 -2.09	9.23 -0.24 -2.06	27.88 -0.98 -0.50	32.27 -0.98 -0.13	26.26 -0.62 0.00	22.95 -0.25 0.00	21.06 -0.03 0.00
V_CMM_10_SYNC_DSASP 323787	32.07 -0.29 0.00	24.07 -0.24 0.00	25.63 -0.19 0.00	23.64 -0.13 0.00	23.34 -0.14 0.00	26.06 -0.22 0.00	-3.28 0.04 0.00	39.72 -0.57 0.00	-191.45 -0.23 202.46	34.76 -0.65 9.44	20.95 -0.35 3.76	25.13 -0.31 0.00	22.32 -0.30 0.00	17.40 -0.23 0.00	23.02 -0.29 0.00	16.63 -0.23 0.00	25.38 -0.26 0.00	10.17 -0.17 0.00	7.29 -0.12 0.00	27.98 -0.39 0.00	32.67 -0.45 0.00	26.51 -0.37 0.00	22.85 -0.36 0.00	20.85 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	32.78 0.42 0.00	24.46 0.15 0.00	26.07 0.25 0.00	24.09 0.31 0.00	23.72 0.24 0.00	26.26 -0.02 0.00	-3.41 -0.09 0.00	39.78 -0.51 0.00	-191.33 -0.11 202.46	35.10 -0.31 9.44	20.67 -0.62 3.76	25.01 -0.44 0.00	22.37 -0.25 0.00	17.49 -0.14 0.00	23.27 -0.04 0.00	16.75 -0.11 0.00	25.55 -0.10 0.00	10.19 -0.15 0.00	7.42 0.02 0.00	28.61 0.24 0.00	33.50 0.38 0.00	27.20 0.32 0.00	23.43 0.23 0.00	21.49 0.40 0.00
V_E_10_SYNC_DSASP 323830	34.20 1.84 0.00	25.91 1.32 -0.27	27.23 1.40 0.00	25.03 1.26 0.00	24.78 1.29 0.00	28.12 1.64 -0.20	10.69 -0.13 -14.15	46.32 4.02 -2.01	16.21 1.05 -3.92	48.87 3.81 -0.21	26.77 1.60 -0.12	26.97 1.53 0.00	25.32 1.38 -1.32	22.53 0.95 -3.95	25.85 0.91 -1.63	21.78 0.77 -4.15	27.89 1.04 -1.21	15.53 0.57 -4.62	12.46 0.50 -4.55	31.56 2.10 -1.10	35.85 2.44 -0.29	28.74 1.85 0.00	24.71 1.51 0.00	22.38 1.29 0.00
V_F_30_NSYNC___DSASP 323816	33.79 1.69 0.26	27.80 1.32 -2.17	27.22 1.40 0.00	25.06 1.29 0.00	24.77 1.28 0.00	29.36 1.50 -1.59	108.33 -0.21 -111.86	57.42 2.52 -14.61	40.45 0.70 -28.51	48.50 2.58 -1.09	27.06 1.39 -0.61	26.81 1.37 0.00	30.59 1.24 -6.73	38.91 0.98 -20.30	34.21 1.25 -9.65	44.71 0.92 -26.92	36.68 1.47 -9.57	47.48 0.64 -36.50	43.86 0.47 -35.98	38.90 1.83 -8.70	37.48 2.04 -2.32	28.57 1.51 -0.18	24.46 1.26 0.00	22.13 1.04 0.00

V_F_30_SYNC_DSASP 323786	32.81 0.69 0.24	27.04 0.59 -2.14	26.45 0.63 0.00	24.33 0.56 0.00	24.05 0.56 0.00	28.48 0.63 -1.57	107.10 -0.09 -110.51	55.78 1.06 -14.43	39.72 0.32 -28.17	47.07 1.15 -1.07	26.27 0.61 -0.60	26.04 0.60 0.00	29.88 0.61 -6.65	38.15 0.47 -20.05	33.43 0.58 -9.53	43.88 0.42 -26.59	35.73 0.64 -9.45	46.68 0.28 -36.06	43.16 0.20 -35.55	37.73 0.77 -8.59	36.26 0.85 -2.30	27.67 0.61 -0.18	23.71 0.51 0.00	21.47 0.39 0.00
V_XM_10_SYNC_DSASP 323789	32.78 0.42 0.00	24.46 0.15 0.00	26.07 0.25 0.00	24.09 0.31 0.00	23.72 0.24 0.00	26.26 -0.02 0.00	-3.41 -0.09 0.00	39.78 -0.51 0.00	-191.33 -0.11 202.46	35.10 -0.31 9.44	20.67 -0.62 3.76	25.01 -0.44 0.00	22.37 -0.25 0.00	17.49 -0.14 0.00	23.27 -0.04 0.00	16.75 -0.11 0.00	25.55 -0.10 0.00	10.19 -0.15 0.00	7.42 0.02 0.00	28.61 0.24 0.00	33.50 0.38 0.00	27.20 0.32 0.00	23.43 0.23 0.00	21.49 0.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.95 1.42 -0.17	26.99 1.11 -1.57	27.00 1.17 0.00	24.80 1.03 0.00	24.50 1.02 0.00	28.48 1.05 -1.15	77.38 -0.14 -80.85	52.63 1.79 -10.56	32.46 0.61 -20.61	48.02 2.40 -0.78	26.91 1.41 -0.44	26.86 1.42 0.00	28.90 1.37 -4.91	33.33 1.07 -14.64	31.79 1.53 -6.96	37.47 1.16 -19.44	34.22 1.67 -6.92	37.37 0.65 -26.38	33.84 0.42 -26.01	36.09 1.43 -6.29	36.39 1.60 -1.68	27.57 1.36 0.67	24.36 1.16 0.00	21.96 0.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.19 1.64 -0.19	27.26 1.28 -1.67	27.18 1.36 0.00	24.97 1.20 0.00	24.65 1.17 0.00	28.67 1.17 -1.22	82.44 -0.16 -85.91	53.35 1.84 -11.22	33.81 0.67 -21.90	48.35 2.67 -0.83	27.13 1.61 -0.46	27.05 1.61 0.00	29.39 1.55 -5.22	34.39 1.20 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.75 1.76 -7.35	39.05 0.67 -28.03	35.47 0.42 -27.64	36.50 1.45 -6.68	36.59 1.69 -1.78	28.95 1.49 -0.57	24.48 1.27 0.00	22.05 0.96 0.00
W50THST__13_KV_LOAD 356117	34.38 1.83 -0.19	27.40 1.42 -1.67	27.32 1.50 0.00	25.10 1.33 0.00	24.78 1.29 0.00	28.82 1.32 -1.22	82.42 -0.17 -85.91	53.63 2.12 -11.22	33.90 0.76 -21.90	48.73 3.06 -0.83	27.36 1.84 -0.46	27.29 1.84 0.00	29.59 1.76 -5.22	34.54 1.35 -15.56	32.60 1.89 -7.40	38.94 1.41 -20.66	34.98 1.99 -7.35	39.14 0.76 -28.03	35.53 0.48 -27.64	36.72 1.67 -6.68	36.83 1.93 -1.78	29.13 1.68 -0.57	24.62 1.42 0.00	22.18 1.10 0.00
WADING RIVER_IC_1 23522	36.39 3.39 -0.64	28.54 2.56 -1.67	29.60 2.60 -1.18	27.64 2.37 -1.50	25.69 2.20 0.00	29.86 2.36 -1.22	82.32 -0.32 -85.96	54.99 3.47 -11.23	34.41 1.26 -21.91	50.28 4.60 -0.83	35.18 2.62 -7.50	29.12 2.59 -1.09	36.08 2.39 -11.07	57.23 1.86 -37.74	39.72 2.66 -13.75	73.00 1.93 -54.22	90.92 2.84 -62.45	72.92 1.14 -61.43	46.74 0.79 -38.54	39.79 2.93 -8.49	55.27 3.57 -18.59	46.92 3.01 -17.03	31.08 2.73 -5.15	23.19 2.10 0.00
WADING RIVER_IC_2 23547	36.39 3.39 -0.64	28.54 2.56 -1.67	29.60 2.60 -1.18	27.64 2.37 -1.50	25.69 2.20 0.00	29.86 2.36 -1.22	82.32 -0.32 -85.96	54.99 3.47 -11.23	34.41 1.26 -21.91	50.28 4.60 -0.83	35.18 2.62 -7.50	29.12 2.59 -1.09	36.08 2.39 -11.07	57.23 1.86 -37.74	39.72 2.66 -13.75	73.00 1.93 -54.22	90.92 2.84 -62.45	72.92 1.14 -61.43	46.74 0.79 -38.54	39.79 2.93 -8.49	55.27 3.57 -18.59	46.92 3.01 -17.03	31.08 2.73 -5.15	23.19 2.10 0.00
WADING RIVER_IC_3 23601	36.39 3.39 -0.64	28.54 2.56 -1.67	29.60 2.60 -1.18	27.64 2.37 -1.50	25.69 2.20 0.00	29.86 2.36 -1.22	82.32 -0.32 -85.96	54.99 3.47 -11.23	34.41 1.26 -21.91	50.28 4.60 -0.83	35.18 2.62 -7.50	29.12 2.59 -1.09	36.08 2.39 -11.07	57.23 1.86 -37.74	39.72 2.66 -13.75	73.00 1.93 -54.22	90.92 2.84 -62.45	72.92 1.14 -61.43	46.74 0.79 -38.54	39.79 2.93 -8.49	55.27 3.57 -18.59	46.92 3.01 -17.03	31.08 2.73 -5.15	23.19 2.10 0.00
WALDENNY_12_KV_BK2 80841	31.80 -0.55 0.00	23.92 -0.54 -0.14	25.18 -0.64 0.00	23.21 -0.56 0.00	22.92 -0.57 0.00	25.92 -0.47 -0.11	4.13 0.01 -7.44	41.35 0.10 -0.97	13.11 0.00 -1.88	44.48 -0.44 -0.07	24.80 -0.30 -0.04	25.18 -0.27 0.00	22.69 -0.39 -0.47	18.84 -0.19 -1.40	23.61 -0.38 -0.68	18.39 -0.29 -1.82	25.50 -0.77 -0.64	12.60 -0.17 -2.43	9.64 -0.16 -2.39	28.28 -0.67 -0.58	32.69 -0.58 -0.15	26.62 -0.26 0.00	23.29 0.08 0.00	21.34 0.26 0.00
WALDEN__HYDRO 24148	33.96 1.46 -0.14	27.02 1.12 -1.58	27.00 1.18 0.00	24.80 1.03 0.00	24.50 1.01 0.00	28.50 1.07 -1.16	78.18 -0.14 -81.65	52.80 1.84 -10.66	32.64 0.59 -20.81	47.81 2.18 -0.79	26.74 1.25 -0.44	26.66 1.22 0.00	28.74 1.18 -4.95	33.32 0.92 -14.77	31.64 1.31 -7.02	37.50 1.01 -19.63	34.11 1.49 -6.98	37.60 0.62 -26.64	34.10 0.43 -26.26	36.24 1.52 -6.35	36.52 1.71 -1.70	28.21 1.41 0.08	24.39 1.18 0.00	21.99 0.90 0.00
WARRENSBURG____ 23737	34.06 1.96 0.25	28.02 1.54 -2.17	27.48 1.66 0.00	25.33 1.56 0.00	25.03 1.55 0.00	29.70 1.84 -1.59	108.46 -0.26 -112.04	58.10 3.17 -14.63	40.66 0.86 -28.56	49.00 3.07 -1.09	27.34 1.67 -0.61	27.04 1.60 0.00	30.76 1.40 -6.74	39.11 1.15 -20.33	34.40 1.42 -9.66	44.95 1.12 -26.97	37.03 1.81 -9.58	47.69 0.79 -36.56	44.04 0.59 -36.04	39.34 2.25 -8.71	37.95 2.51 -2.33	28.85 1.79 -0.18	24.68 1.48 0.00	22.32 1.23 0.00
WATERSIDE____6 8 9 23538	34.22 1.68 -0.19	27.29 1.31 -1.67	27.21 1.39 0.00	25.00 1.23 0.00	24.67 1.19 0.00	28.68 1.18 -1.22	82.44 -0.15 -85.92	53.36 1.85 -11.22	33.82 0.68 -21.90	48.31 2.63 -0.83	27.12 1.60 -0.46	27.06 1.62 0.00	29.40 1.56 -5.22	34.38 1.19 -15.56	32.39 1.68 -7.40	38.78 1.25 -20.66	34.73 1.74 -7.35	39.03 0.66 -28.03	35.45 0.41 -27.64	36.44 1.39 -6.68	36.56 1.66 -1.79	28.94 1.49 -0.57	24.47 1.26 0.00	22.04 0.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.45 0.10 0.00	24.45 0.13 0.00	25.99 0.17 0.00	23.87 0.10 0.00	23.62 0.13 0.00	26.48 0.20 0.00	-3.35 -0.02 0.00	40.51 0.22 0.00	11.29 0.06 0.00	44.97 0.12 0.00	25.06 0.01 0.00	25.48 0.04 0.00	22.62 0.01 0.00	17.63 0.00 0.00	23.29 -0.02 0.00	16.81 -0.06 0.00	25.54 -0.10 0.00	10.37 0.03 0.00	7.42 0.02 0.00	28.54 0.17 0.00	33.29 0.17 0.00	26.99 0.10 0.00	23.27 0.07 0.00	21.09 0.00 0.00
WATSON__69_KV_BK 1 55734	36.25 3.25 -0.64	28.49 2.51 -1.67	29.60 2.60 -1.18	27.63 2.36 -1.50	25.70 2.21 0.00	29.80 2.31 -1.22	82.33 -0.31 -85.96	54.85 3.33 -11.23	34.36 1.21 -21.91	50.16 4.48 -0.83	35.24 2.68 -7.50	29.20 2.67 -1.09	36.16 2.47 -11.07	57.29 1.92 -37.74	39.73 2.67 -13.75	73.04 1.96 -54.22	90.94 2.86 -62.45	72.90 1.13 -61.43	46.71 0.77 -38.54	39.75 2.90 -8.49	55.19 3.49 -18.59	46.81 2.90 -17.03	30.91 2.56 -5.15	23.17 2.08 0.00
WDELAWARE__HYD 323627	33.43 0.99 -0.09	26.40 0.72 -1.37	26.52 0.70 0.00	24.37 0.61 0.00	24.09 0.60 0.00	27.90 0.62 -1.00	67.35 -0.09 -70.76	50.72 1.19 -9.24	29.69 0.42 -18.04	47.07 1.55 -0.67	26.33 0.90 -0.37	26.30 0.86 0.00	27.64 0.84 -4.18	30.81 0.69 -12.50	30.22 0.99 -5.91	34.46 0.75 -16.85	32.76 1.06 -6.05	33.88 0.45 -23.09	30.48 0.31 -22.76	34.97 1.10 -5.50	35.79 1.20 -1.47	27.86 0.97 0.00	24.02 0.82 0.00	21.64 0.56 0.00

WEST BABYLON___IC 23714	36.07 3.08 -0.64	28.34 2.36 -1.67	29.46 2.46 -1.18	27.49 2.23 -1.50	25.57 2.08 0.00	29.66 2.17 -1.22	82.35 -0.28 -85.96	54.65 3.13 -11.23	34.29 1.14 -21.91	49.90 4.22 -0.83	35.09 2.54 -7.50	29.05 2.52 -1.09	36.02 2.33 -11.07	57.18 1.81 -37.74	39.55 2.49 -13.75	72.91 1.84 -54.22	90.76 2.67 -62.45	72.83 1.05 -61.43	46.66 0.71 -38.54	39.54 2.69 -8.49	54.97 3.26 -18.59	46.64 2.73 -17.03	30.75 2.40 -5.15	23.04 1.95 0.00
WEST CANADA___HYD 24049	32.45 0.10 0.00	24.40 0.09 0.00	25.92 0.10 0.00	23.83 0.06 0.00	23.56 0.07 0.00	26.36 0.09 0.00	-3.33 -0.01 0.00	40.45 0.16 0.00	11.30 0.06 0.00	45.03 0.18 0.00	25.14 0.09 0.00	25.52 0.08 0.00	22.68 0.07 0.00	17.67 0.04 0.00	23.37 0.06 0.00	16.90 0.04 0.00	25.71 0.07 0.00	10.38 0.04 0.00	7.43 0.03 0.00	28.48 0.11 0.00	33.25 0.13 0.00	27.00 0.11 0.00	23.30 0.09 0.00	21.15 0.06 0.00
WESTERN_NY_WIND 24143	32.24 -0.12 0.00	24.24 -0.20 -0.13	25.54 -0.28 0.00	23.54 -0.23 0.00	23.25 -0.24 0.00	26.28 -0.09 -0.09	3.24 -0.04 -6.61	41.95 0.80 -0.86	13.06 0.15 -1.67	44.88 -0.03 -0.07	25.10 0.00 -0.04	25.38 -0.06 0.00	22.75 -0.28 -0.42	18.74 -0.13 -1.25	23.63 -0.28 -0.61	18.28 -0.20 -1.62	25.59 -0.61 -0.57	12.43 -0.06 -2.16	9.49 -0.04 -2.13	28.72 -0.16 -0.51	33.24 -0.02 -0.14	27.00 0.12 0.00	23.57 0.36 0.00	21.60 0.52 0.00
WESTOVER___LESR 323668	32.41 0.05 0.00	24.57 -0.01 -0.27	25.78 -0.04 0.00	23.69 -0.08 0.00	23.42 -0.07 0.00	26.51 0.04 -0.20	10.61 -0.01 -13.94	42.45 0.37 -1.79	14.88 0.13 -3.51	45.39 0.41 -0.14	25.22 0.08 -0.08	25.51 0.07 0.00	23.55 0.08 -0.86	20.28 0.08 -2.58	24.67 0.07 -1.29	20.33 0.08 -3.38	26.85 0.02 -1.19	14.94 0.05 -4.55	11.91 0.02 -4.48	29.57 0.12 -1.08	33.56 0.16 -0.29	27.08 0.19 0.00	23.38 0.18 0.00	21.27 0.18 0.00
WETHRSFD_WT_PWR 323626	31.74 -0.62 0.00	23.91 -0.56 -0.16	25.13 -0.70 0.00	23.15 -0.62 0.00	22.81 -0.67 0.00	25.76 -0.63 -0.12	5.10 0.04 -8.38	41.13 -0.25 -1.09	13.29 -0.06 -2.12	44.31 -0.62 -0.08	24.65 -0.45 -0.05	24.98 -0.46 0.00	22.60 -0.54 -0.53	18.86 -0.34 -1.58	23.53 -0.55 -0.77	18.53 -0.38 -2.05	25.50 -0.86 -0.72	12.85 -0.22 -2.74	9.92 -0.18 -2.70	28.35 -0.67 -0.65	32.64 -0.65 -0.17	26.53 -0.35 0.00	23.13 -0.08 0.00	21.20 0.11 0.00
WHAVSTOR_138KV_BK127 55557	33.82 1.30 -0.17	26.90 1.01 -1.57	26.91 1.09 0.00	24.71 0.94 0.00	24.42 0.93 0.00	28.38 0.95 -1.15	77.56 -0.13 -81.01	52.46 1.60 -10.58	32.45 0.56 -20.65	47.82 2.19 -0.78	26.80 1.31 -0.44	26.74 1.30 0.00	28.81 1.27 -4.92	33.28 0.98 -14.67	31.69 1.41 -6.97	37.42 1.07 -19.48	34.10 1.53 -6.93	37.37 0.60 -26.43	33.85 0.38 -26.06	35.96 1.29 -6.30	36.23 1.44 -1.68	27.43 1.23 0.68	24.25 1.05 0.00	21.87 0.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.82 1.30 -0.17	26.90 1.01 -1.57	26.91 1.09 0.00	24.71 0.94 0.00	24.42 0.93 0.00	28.38 0.95 -1.15	77.56 -0.13 -81.01	52.46 1.60 -10.58	32.45 0.56 -20.65	47.82 2.19 -0.78	26.80 1.31 -0.44	26.74 1.30 0.00	28.81 1.27 -4.92	33.28 0.98 -14.67	31.69 1.41 -6.97	37.42 1.07 -19.48	34.10 1.53 -6.93	37.37 0.60 -26.43	33.85 0.38 -26.06	35.96 1.29 -6.30	36.23 1.44 -1.68	27.43 1.23 0.68	24.25 1.05 0.00	21.87 0.78 0.00
WHITEHAL_115KV_TB1 80871	34.46 2.36 0.26	28.31 1.83 -2.17	27.80 1.98 0.00	25.62 1.85 0.00	25.34 1.86 0.00	30.12 2.26 -1.59	108.31 -0.34 -111.97	58.83 3.92 -14.62	40.85 1.07 -28.54	49.57 3.63 -1.09	27.70 2.04 -0.61	27.44 1.99 0.00	31.21 1.86 -6.74	39.47 1.53 -20.32	35.00 2.03 -9.66	45.45 1.64 -26.95	38.00 2.78 -9.58	48.09 1.21 -36.53	44.29 0.87 -36.02	40.43 3.35 -8.71	39.12 3.68 -2.33	29.49 2.44 -0.18	25.18 1.97 0.00	22.87 1.78 0.00
WHITEPLN_13_KV_LOAD 356215	34.25 1.70 -0.19	27.33 1.36 -1.66	27.30 1.48 0.00	25.07 1.30 0.00	24.77 1.28 0.00	28.83 1.34 -1.22	82.12 -0.17 -85.60	53.56 2.09 -11.18	33.77 0.71 -21.82	48.45 2.77 -0.83	27.16 1.64 -0.46	27.09 1.64 0.00	29.39 1.57 -5.20	34.35 1.22 -15.51	32.39 1.71 -7.37	38.74 1.28 -20.59	34.81 1.85 -7.32	39.00 0.72 -27.93	35.41 0.47 -27.54	36.66 1.64 -6.66	36.77 1.88 -1.78	29.07 1.59 -0.60	24.57 1.37 0.00	22.18 1.10 0.00
WM_FLOYD_69_KV_BK2 356380	36.24 3.24 -0.64	28.48 2.50 -1.67	29.58 2.58 -1.18	27.60 2.33 -1.50	25.65 2.16 0.00	29.75 2.25 -1.22	82.33 -0.31 -85.96	54.80 3.28 -11.23	34.36 1.21 -21.91	50.04 4.36 -0.83	35.09 2.53 -7.50	29.02 2.49 -1.09	35.98 2.30 -11.07	57.14 1.77 -37.74	39.61 2.55 -13.75	72.94 1.86 -54.22	90.85 2.76 -62.45	72.89 1.11 -61.43	46.71 0.77 -38.54	39.68 2.82 -8.49	55.13 3.42 -18.59	46.78 2.87 -17.03	30.91 2.56 -5.15	23.15 2.05 0.00
WOODARD___115KV_TB2 355635	32.03 -0.33 0.00	24.13 -0.27 -0.09	25.51 -0.32 0.00	23.47 -0.30 0.00	23.20 -0.29 0.00	26.09 -0.25 -0.07	1.33 0.02 -4.63	40.78 -0.12 -0.60	12.37 -0.05 -1.18	44.59 -0.30 -0.05	24.89 -0.20 -0.03	25.23 -0.21 0.00	22.70 -0.21 -0.29	18.34 -0.17 -0.88	23.47 -0.27 -0.42	17.83 -0.17 -1.14	25.74 -0.29 -0.40	11.80 -0.05 -1.51	8.87 -0.03 -1.49	28.62 -0.11 -0.36	33.09 -0.12 -0.10	26.79 -0.09 0.00	23.15 -0.06 0.00	21.03 -0.06 0.00
YORK___WARBASSE 23770	34.40 1.86 -0.19	27.43 1.45 -1.67	27.36 1.54 0.00	25.13 1.36 0.00	24.81 1.32 0.00	28.82 1.33 -1.22	82.43 -0.17 -85.92	53.51 2.00 -11.22	33.88 0.73 -21.90	48.52 2.84 -0.84	27.24 1.72 -0.47	27.16 1.72 0.00	29.49 1.66 -5.22	34.45 1.25 -15.56	32.48 1.78 -7.40	38.86 1.33 -20.66	34.83 1.85 -7.35	39.07 0.69 -28.03	35.48 0.44 -27.64	36.54 1.49 -6.68	36.68 1.78 -1.79	29.05 1.60 -0.57	24.58 1.37 0.00	22.13 1.04 0.00