

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/13/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.16	17.47	12.80	7.95	10.49	14.29	21.49	22.04	24.16	24.46	27.91	27.75	24.90	23.87	24.75	26.29	27.39	32.29	28.44	26.02	29.82	29.84	23.80	23.03
24138	1.03	0.90	0.67	0.42	0.54	0.74	1.08	1.26	1.47	1.59	1.84	1.97	1.82	1.88	1.96	2.11	2.17	2.47	2.03	1.71	1.83	1.83	1.49	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	18.21	17.52	12.83	7.96	10.51	14.32	21.53	22.06	24.18	24.47	27.91	27.74	24.90	23.87	24.74	26.28	27.39	32.28	28.44	26.04	29.86	29.89	23.84	23.08
24260	1.08	0.94	0.69	0.43	0.56	0.77	1.12	1.28	1.49	1.60	1.84	1.96	1.82	1.88	1.95	2.10	2.16	2.46	2.03	1.73	1.87	1.88	1.53	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	18.21	17.52	12.83	7.96	10.51	14.32	21.53	22.06	24.18	24.47	27.91	27.74	24.90	23.87	24.74	26.28	27.39	32.28	28.44	26.04	29.86	29.89	23.84	23.08
24261	1.08	0.94	0.69	0.43	0.56	0.77	1.12	1.28	1.49	1.60	1.84	1.96	1.82	1.88	1.95	2.10	2.16	2.46	2.03	1.73	1.87	1.88	1.53	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	18.66	17.94	13.13	8.14	10.77	14.65	24.34	30.46	30.14	25.25	29.82	27.89	24.68	23.62	24.24	25.82	27.03	32.16	28.43	26.16	30.08	30.02	23.84	23.20
24011	1.53	1.36	0.99	0.62	0.82	1.10	1.77	1.95	2.11	2.07	2.30	2.11	1.60	1.62	1.45	1.64	1.81	2.34	2.03	1.85	2.09	2.02	1.53	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	-2.15	-7.73	-5.34	-0.32	-1.45	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
ADK RESOURCE___RCVRY	18.83	18.06	13.22	8.20	10.85	14.74	24.42	30.29	30.09	25.42	29.98	28.09	24.89	23.83	24.43	26.05	27.24	32.43	28.68	26.34	30.27	30.21	23.99	23.35
23798	1.69	1.49	1.08	0.67	0.90	1.20	1.97	2.15	2.30	2.26	2.53	2.32	1.81	1.83	1.64	1.87	2.02	2.61	2.27	2.03	2.28	2.20	1.68	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	-2.04	-7.37	-5.10	-0.30	-1.38	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
ADK S GLENS___FALLS	18.66	17.94	13.13	8.14	10.77	14.65	24.34	30.46	30.14	25.25	29.82	27.89	24.68	23.62	24.24	25.82	27.03	32.16	28.43	26.16	30.08	30.02	23.84	23.20
24028	1.53	1.36	0.99	0.62	0.82	1.10	1.77	1.95	2.11	2.07	2.30	2.11	1.60	1.62	1.45	1.64	1.81	2.34	2.03	1.85	2.09	2.02	1.53	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	-2.15	-7.73	-5.34	-0.32	-1.45	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
ADK_NYS___DAM	18.19	17.56	12.87	7.99	10.55	14.35	25.65	36.03	33.54	24.86	30.30	27.22	24.35	23.38	24.07	25.40	26.59	31.48	27.82	25.74	29.64	29.65	23.61	23.00
23527	1.05	0.98	0.73	0.46	0.61	0.80	1.16	1.31	1.41	1.39	1.49	1.44	1.27	1.39	1.28	1.21	1.37	1.66	1.41	1.43	1.66	1.65	1.30	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	-4.08	-13.95	-9.44	-0.60	-2.74	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
AIR_PRODUCTS___DRP	17.49	16.87	12.40	7.70	10.17	13.78	18.17	11.76	16.56	22.97	24.82	26.24	23.52	22.56	23.31	24.69	25.80	30.54	27.00	24.85	28.56	28.56	22.73	22.14
24190	0.36	0.30	0.27	0.17	0.22	0.24	0.28	0.42	0.49	0.47	0.45	0.46	0.44	0.57	0.51	0.50	0.57	0.72	0.60	0.54	0.57	0.55	0.42	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	2.52	9.44	6.62	0.37	1.70	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
AKWESSNE_115KV_BK	17.04	16.51	12.09	7.47	9.86	13.48	20.36	20.74	22.61	22.73	25.95	25.62	22.95	21.84	22.60	24.08	25.12	29.67	26.35	24.28	27.99	28.03	22.36	21.90
355683	-0.09	-0.06	-0.05	-0.06	-0.08	-0.06	-0.04	-0.04	-0.09	-0.13	-0.13	-0.16	-0.13	-0.16	-0.19	-0.10	-0.11	-0.15	-0.06	-0.03	-0.01	0.03	0.05	0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	17.49	16.87	12.40	7.70	10.17	13.78	18.17	11.76	16.56	22.97	24.82	26.24	23.52	22.56	23.31	24.69	25.80	30.54	27.00	24.85	28.56	28.56	22.73	22.14
23571	0.36	0.30	0.27	0.17	0.22	0.24	0.28	0.42	0.49	0.47	0.45	0.46	0.44	0.57	0.51	0.50	0.57	0.72	0.60	0.54	0.57	0.55	0.42	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	2.52	9.44	6.62	0.37	1.70	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___2	17.49	16.87	12.40	7.70	10.17	13.78	18.17	11.76	16.56	22.97	24.82	26.24	23.52	22.56	23.31	24.69	25.80	30.54	27.00	24.85	28.56	28.56	22.73	22.14
23572	0.36	0.30	0.27	0.17	0.22	0.24	0.28	0.42	0.49	0.47	0.45	0.46	0.44	0.57	0.51	0.50	0.57	0.72	0.60	0.54	0.57	0.55	0.42	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	2.52	9.44	6.62	0.37	1.70	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___3	17.49	16.87	12.40	7.70	10.17	13.78	18.17	11.76	16.56	22.97	24.82	26.24	23.52	22.56	23.31	24.69	25.80	30.54	27.00	24.85	28.56	28.56	22.73	22.14
23573	0.36	0.30	0.27	0.17	0.22	0.24	0.28	0.42	0.49	0.47	0.45	0.46	0.44	0.57	0.51	0.50	0.57	0.72	0.60	0.54	0.57	0.55	0.42	0.31
	0.00	0.00	0.00	0.00	0.00	0.00	2.52	9.44	6.62	0.37	1.70	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___4 23574	17.49 0.36 0.00	16.87 0.30 0.00	12.40 0.27 0.00	7.70 0.17 0.00	10.17 0.22 0.00	13.78 0.24 0.00	18.17 0.28 2.52	11.76 0.42 9.44	16.56 0.49 6.62	22.97 0.47 0.37	24.82 0.45 1.70	26.24 0.46 0.00	23.52 0.44 0.00	22.56 0.57 0.00	23.31 0.51 0.00	24.69 0.50 0.00	25.80 0.57 0.00	30.54 0.72 0.00	27.00 0.60 0.00	24.85 0.54 0.00	28.56 0.57 0.00	28.56 0.55 0.00	22.73 0.42 0.00	22.14 0.31 0.00
ALBANY___LFGE 323615	17.66 0.53 0.00	17.04 0.47 0.00	12.52 0.38 0.00	7.77 0.25 0.00	10.26 0.31 0.00	13.92 0.37 0.00	18.77 0.49 2.13	16.15 0.69 5.31	20.51 0.86 3.04	23.27 0.71 0.31	25.38 0.74 1.43	26.52 0.74 0.00	23.77 0.69 0.00	22.81 0.82 0.00	23.56 0.76 0.00	24.95 0.77 0.00	26.07 0.85 0.00	30.88 1.06 0.00	27.31 0.90 0.00	25.12 0.82 0.00	28.87 0.88 0.00	28.86 0.85 0.00	22.97 0.65 0.00	22.36 0.52 0.00
ALCOA_PA_115KV_PL-6C 55860	17.17 0.04 0.00	16.63 0.05 0.00	12.17 0.03 0.00	7.51 -0.01 0.00	9.92 -0.02 0.00	13.58 0.03 0.00	20.53 0.12 0.00	20.89 0.12 0.00	22.77 0.07 0.00	22.89 0.02 0.00	26.12 0.05 0.00	25.79 0.01 0.00	23.09 0.01 0.00	21.98 -0.01 0.00	22.74 -0.05 0.00	24.22 0.04 0.00	25.24 0.02 0.00	29.80 -0.02 0.00	26.50 0.09 0.00	24.43 0.12 0.00	28.18 0.19 0.00	28.24 0.23 0.00	22.52 0.21 0.00	22.05 0.22 0.00
ALCOA_RYNLDS___DRP 24188	17.17 0.04 0.00	16.63 0.05 0.00	12.17 0.03 0.00	7.51 -0.01 0.00	9.92 -0.02 0.00	13.58 0.03 0.00	20.53 0.12 0.00	20.89 0.12 0.00	22.77 0.07 0.00	22.89 0.02 0.00	26.12 0.05 0.00	25.79 0.01 0.00	23.09 0.01 0.00	21.98 -0.01 0.00	22.74 -0.05 0.00	24.22 0.04 0.00	25.24 0.02 0.00	29.80 -0.02 0.00	26.50 0.09 0.00	24.43 0.12 0.00	28.18 0.19 0.00	28.24 0.23 0.00	22.52 0.21 0.00	22.05 0.22 0.00
ALCOA___DSASP 323711	17.17 0.04 0.00	16.63 0.05 0.00	12.17 0.03 0.00	7.51 -0.01 0.00	9.92 -0.02 0.00	13.58 0.03 0.00	20.53 0.12 0.00	20.89 0.12 0.00	22.77 0.07 0.00	22.89 0.02 0.00	26.12 0.05 0.00	25.79 0.01 0.00	23.10 0.01 0.00	21.98 -0.01 0.00	22.74 -0.05 0.00	24.22 0.04 0.00	25.24 0.02 0.00	29.80 -0.02 0.00	26.50 0.09 0.00	24.43 0.12 0.00	28.18 0.19 0.00	28.24 0.23 0.00	22.52 0.21 0.00	22.05 0.22 0.00
ALLEGHENY___COGEN 23514	17.37 0.24 0.00	16.88 0.30 0.00	12.36 0.22 0.00	7.71 0.19 0.00	10.26 0.32 0.00	13.94 0.39 0.00	21.19 0.78 0.00	21.31 0.53 0.00	23.00 0.30 0.00	23.37 0.50 0.00	26.62 0.54 0.00	26.04 0.27 0.00	23.31 0.23 0.00	22.00 0.00 0.00	23.03 0.23 0.00	24.26 0.08 0.00	25.19 -0.03 0.00	30.20 0.38 0.00	26.85 0.44 0.00	24.91 0.61 0.00	28.93 0.94 0.00	28.86 0.85 0.00	22.83 0.52 0.00	22.41 0.58 0.00
ALTAMONT_115KV_TB 2 55880	17.69 0.55 0.00	17.07 0.50 0.00	12.52 0.38 0.00	7.77 0.25 0.00	10.26 0.32 0.00	13.94 0.40 0.00	19.76 0.56 1.21	17.01 0.67 4.44	20.37 0.77 3.09	23.45 0.77 0.18	26.07 0.81 0.81	26.60 0.82 0.00	23.82 0.74 0.00	22.81 0.82 0.00	23.57 0.78 0.00	25.00 0.82 0.00	26.10 0.87 0.00	30.89 1.07 0.00	27.33 0.92 0.00	25.14 0.84 0.00	28.91 0.91 0.00	28.91 0.90 0.00	23.02 0.71 0.00	22.43 0.59 0.00
ALTONA_WT_PWR 323606	17.32 0.20 0.00	16.64 0.06 0.00	12.13 -0.01 0.00	7.45 -0.08 0.00	9.94 -0.01 0.00	13.79 0.24 0.00	21.06 0.65 0.00	21.52 0.75 0.00	23.18 0.48 0.00	23.13 0.27 0.00	26.51 0.44 0.00	26.08 0.30 0.00	23.40 0.32 0.00	22.40 0.40 0.00	23.35 0.56 0.00	24.72 0.55 0.00	25.95 0.73 0.00	30.75 0.93 0.00	27.24 0.84 0.00	25.16 0.85 0.00	28.94 0.95 0.00	28.91 0.90 0.00	23.06 0.75 0.00	22.56 0.73 0.00
AMERICAN_REF_FUEL 24010	16.21 -0.92 0.00	15.77 -0.80 0.00	11.63 -0.51 0.00	7.31 -0.22 0.00	9.72 -0.23 0.00	13.05 -0.50 0.00	19.69 -0.72 0.00	19.70 -1.07 0.00	21.58 -1.11 0.00	21.84 -1.03 0.00	25.02 -1.06 0.00	24.54 -1.24 0.00	21.94 -1.14 0.00	20.67 -1.32 0.00	21.59 -1.20 0.00	22.65 -1.53 0.00	23.41 -1.82 0.00	27.60 -2.22 0.00	24.63 -1.77 0.00	22.68 -1.63 0.00	26.33 -1.66 0.00	26.27 -1.74 0.00	20.92 -1.39 0.00	20.91 -0.93 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.76 -0.37 0.00	16.27 -0.30 0.00	11.89 -0.25 0.00	7.40 -0.13 0.00	9.96 0.02 0.00	13.56 0.01 0.00	20.38 -0.03 0.00	20.64 -0.14 0.00	22.84 0.14 0.00	23.07 0.20 0.00	26.69 0.62 0.00	26.34 0.56 0.00	23.55 0.47 0.00	22.30 0.31 0.00	23.28 0.48 0.00	24.31 0.13 0.00	24.85 -0.37 0.00	29.31 -0.51 0.00	26.16 -0.25 0.00	24.02 -0.29 0.00	27.72 -0.27 0.00	27.49 -0.52 0.00	21.83 -0.48 0.00	21.43 -0.40 0.00
ARTHUR_KILL_GT_1 23520	18.26 1.12 0.00	17.55 0.98 0.00	12.85 0.71 0.00	7.96 0.44 0.00	10.52 0.58 0.00	14.34 0.79 0.00	21.49 1.08 0.00	21.88 1.11 0.00	23.96 1.27 0.00	24.22 1.35 0.00	27.61 1.53 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.50 1.71 0.00	26.03 1.85 0.00	27.11 1.88 0.00	31.26 2.07 0.64	28.20 1.79 0.00	25.85 1.55 0.00	29.62 1.63 0.00	29.75 1.74 0.00	23.73 1.42 0.00	22.98 1.15 0.00
ARTHUR_KILL_2 23512	18.21 1.08 0.00	17.50 0.93 0.00	12.82 0.68 0.00	7.95 0.42 0.00	10.49 0.55 0.00	14.30 0.75 0.00	21.43 1.02 0.00	21.83 1.05 0.00	23.91 1.21 0.00	24.16 1.29 0.00	27.54 1.46 0.00	27.37 1.59 0.00	24.58 1.50 0.00	23.56 1.57 0.00	24.44 1.65 0.00	25.96 1.78 0.00	27.03 1.81 0.00	31.16 1.98 0.64	28.11 1.71 0.00	25.78 1.47 0.00	29.54 1.54 0.00	29.65 1.65 0.00	23.66 1.35 0.00	22.92 1.08 0.00
ARTHUR_KILL_3 23513	17.99 0.86 0.00	17.30 0.73 0.00	12.67 0.53 0.00	7.86 0.34 0.00	10.38 0.43 0.00	14.15 0.60 0.00	21.26 0.85 0.00	21.77 0.99 0.00	23.86 1.17 0.00	24.13 1.26 0.00	27.52 1.44 0.00	27.38 1.60 0.00	24.58 1.50 0.00	23.56 1.57 0.00	24.42 1.63 0.00	25.92 1.74 0.00	26.98 1.75 0.00	31.15 1.97 0.64	28.02 1.61 0.00	25.66 1.35 0.00	29.43 1.44 0.00	29.50 1.50 0.00	23.59 1.28 0.00	22.82 0.99 0.00
ARTHUR_KILL_COGEN 323718	18.26 1.12 0.00	17.55 0.98 0.00	12.85 0.71 0.00	7.96 0.44 0.00	10.52 0.58 0.00	14.34 0.79 0.00	21.49 1.08 0.00	21.88 1.11 0.00	23.96 1.27 0.00	24.22 1.35 0.00	27.61 1.53 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.50 1.71 0.00	26.03 1.85 0.00	27.11 1.88 0.00	31.26 2.07 0.64	28.20 1.79 0.00	25.85 1.55 0.00	29.62 1.63 0.00	29.75 1.74 0.00	23.73 1.42 0.00	22.98 1.15 0.00
ASHOKAN____ 23654	17.77 0.64 0.00	17.12 0.54 0.00	12.56 0.41 0.00	7.78 0.26 0.00	10.28 0.34 0.00	13.99 0.44 0.00	19.99 0.71 1.13	17.51 0.99 4.26	20.76 1.06 2.99	23.74 1.04 0.17	26.51 1.20 0.76	26.86 1.08 0.00	24.10 1.02 0.00	23.14 1.15 0.00	23.68 0.88 0.00	25.10 0.92 0.00	26.16 0.93 0.00	31.16 1.34 0.00	27.65 1.24 0.00	25.45 1.14 0.00	29.25 1.26 0.00	29.22 1.22 0.00	23.19 0.88 0.00	22.51 0.68 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.10 0.97 0.00	17.40 0.83 0.00	12.74 0.60 0.00	7.90 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.80 1.03 0.00	23.94 1.25 0.00	24.20 1.33 0.00	27.58 1.50 0.00	27.42 1.65 0.00	24.64 1.55 0.00	23.62 1.63 0.00	24.45 1.66 0.00	25.99 1.81 0.00	27.07 1.85 0.00	31.91 2.09 0.00	28.10 1.70 0.00	25.76 1.45 0.00	29.55 1.56 0.00	29.60 1.60 0.00	23.65 1.34 0.00	22.89 1.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.10 0.97 0.00	17.40 0.83 0.00	12.74 0.60 0.00	7.90 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.80 1.03 0.00	23.94 1.25 0.00	24.20 1.33 0.00	27.58 1.50 0.00	27.42 1.65 0.00	24.64 1.55 0.00	23.62 1.63 0.00	24.45 1.66 0.00	25.99 1.81 0.00	27.07 1.85 0.00	31.91 2.09 0.00	28.10 1.70 0.00	25.76 1.45 0.00	29.55 1.56 0.00	29.60 1.60 0.00	23.65 1.34 0.00	22.89 1.05 0.00
ASTORIA_GT2_1 24094	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT2_2 24095	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT2_3 24096	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT2_4 24097	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT3_1 24098	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT3_2 24099	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT3_3 24100	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT3_4 24101	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT4_1 24102	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT4_2 24103	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT4_3 24104	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT4_4 24105	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.32 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.59 1.52 0.00	27.44 1.66 0.00	24.65 1.57 0.00	23.63 1.63 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.11 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.62 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA_GT_1 23523	18.14 1.01 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.45 0.51 0.00	14.25 0.70 0.00	21.36 0.95 0.00	21.85 1.07 0.00	24.00 1.31 0.00	24.27 1.39 0.00	27.65 1.58 0.00	27.49 1.72 0.00	24.70 1.62 0.00	23.68 1.68 0.00	24.51 1.72 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.00 2.18 0.00	28.17 1.76 0.00	25.82 1.52 0.00	29.63 1.64 0.00	29.68 1.68 0.00	23.71 1.40 0.00	22.94 1.10 0.00

ASTORIA_GT_10 24110	18.09 0.95 0.00	17.39 0.82 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.65 1.58 0.00	27.48 1.70 0.00	24.67 1.60 0.00	23.64 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.64 1.33 0.00	22.88 1.05 0.00
ASTORIA_GT_11 24225	18.09 0.95 0.00	17.39 0.82 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.65 1.58 0.00	27.48 1.70 0.00	24.67 1.60 0.00	23.64 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.64 1.33 0.00	22.88 1.05 0.00
ASTORIA_GT_12 24226	18.09 0.95 0.00	17.39 0.82 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.66 1.58 0.00	27.48 1.70 0.00	24.67 1.59 0.00	23.65 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.65 1.34 0.00	22.88 1.05 0.00
ASTORIA_GT_13 24227	18.09 0.95 0.00	17.39 0.82 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.66 1.58 0.00	27.48 1.70 0.00	24.67 1.59 0.00	23.65 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.65 1.34 0.00	22.88 1.05 0.00
ASTORIA_GT_5 24106	18.14 1.01 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.45 0.51 0.00	14.25 0.70 0.00	21.36 0.95 0.00	21.85 1.07 0.00	24.00 1.31 0.00	24.27 1.39 0.00	27.65 1.58 0.00	27.49 1.72 0.00	24.70 1.62 0.00	23.68 1.68 0.00	24.51 1.72 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.00 2.18 0.00	28.17 1.76 0.00	25.82 1.52 0.00	29.63 1.64 0.00	29.68 1.68 0.00	23.71 1.40 0.00	22.94 1.10 0.00
ASTORIA_GT_7 24107	18.14 1.01 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.45 0.51 0.00	14.25 0.70 0.00	21.36 0.95 0.00	21.85 1.07 0.00	24.00 1.31 0.00	24.27 1.39 0.00	27.65 1.58 0.00	27.49 1.72 0.00	24.70 1.62 0.00	23.68 1.68 0.00	24.51 1.72 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.00 2.18 0.00	28.17 1.76 0.00	25.82 1.52 0.00	29.63 1.64 0.00	29.68 1.68 0.00	23.71 1.40 0.00	22.94 1.10 0.00
ASTORIA_GT_8 24108	18.14 1.01 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.36 0.95 0.00	21.86 1.08 0.00	24.00 1.30 0.00	24.27 1.39 0.00	27.65 1.57 0.00	27.49 1.71 0.00	24.71 1.62 0.00	23.67 1.68 0.00	24.51 1.72 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.00 2.18 0.00	28.18 1.77 0.00	25.82 1.51 0.00	29.63 1.64 0.00	29.68 1.68 0.00	23.70 1.39 0.00	22.94 1.10 0.00
ASTORIA___2 24149	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.43 0.49 0.00	14.22 0.67 0.00	21.33 0.91 0.00	21.82 1.04 0.00	23.95 1.26 0.00	24.22 1.35 0.00	27.60 1.52 0.00	27.44 1.66 0.00	24.64 1.56 0.00	23.63 1.64 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.86 0.00	31.93 2.11 0.00	28.12 1.71 0.00	25.77 1.46 0.00	29.57 1.58 0.00	29.62 1.61 0.00	23.66 1.35 0.00	22.89 1.06 0.00
ASTORIA___3 23516	18.09 0.95 0.00	17.39 0.81 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.65 1.58 0.00	27.48 1.70 0.00	24.67 1.59 0.00	23.65 1.65 0.00	24.50 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.64 1.33 0.00	22.88 1.05 0.00
ASTORIA___4 23517	18.09 0.95 0.00	17.39 0.81 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.65 1.58 0.00	27.48 1.70 0.00	24.67 1.60 0.00	23.64 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.64 1.33 0.00	22.88 1.05 0.00
ASTORIA___5 23518	18.09 0.95 0.00	17.39 0.82 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.66 1.58 0.00	27.48 1.70 0.00	24.67 1.59 0.00	23.65 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.65 1.34 0.00	22.88 1.05 0.00
AST_ENERGY_2_CC3 323677	18.06 0.93 0.00	17.38 0.81 0.00	12.74 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.33 0.92 0.00	21.85 1.07 0.00	23.94 1.25 0.00	24.21 1.34 0.00	27.61 1.54 0.00	27.44 1.66 0.00	24.64 1.56 0.00	23.62 1.63 0.00	24.49 1.70 0.00	26.01 1.83 0.00	27.09 1.87 0.00	31.95 2.13 0.00	28.15 1.74 0.00	25.78 1.47 0.00	29.56 1.57 0.00	29.60 1.60 0.00	23.64 1.33 0.00	22.88 1.04 0.00
AST_ENERGY_2_CC4 323678	18.06 0.93 0.00	17.38 0.81 0.00	12.74 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.33 0.92 0.00	21.85 1.07 0.00	23.94 1.25 0.00	24.21 1.34 0.00	27.61 1.54 0.00	27.44 1.66 0.00	24.64 1.56 0.00	23.62 1.63 0.00	24.49 1.70 0.00	26.01 1.83 0.00	27.09 1.87 0.00	31.95 2.13 0.00	28.15 1.74 0.00	25.78 1.47 0.00	29.56 1.57 0.00	29.60 1.60 0.00	23.64 1.33 0.00	22.88 1.04 0.00
ATHENS_STG_1 23668	17.74 0.60 0.00	17.12 0.54 0.00	12.55 0.41 0.00	7.79 0.26 0.00	10.28 0.33 0.00	13.97 0.42 0.00	21.01 0.60 0.00	21.48 0.70 0.00	23.53 0.83 0.00	23.73 0.86 0.00	27.03 0.96 0.00	26.77 0.99 0.00	23.98 0.90 0.00	22.97 0.97 0.00	23.76 0.97 0.00	25.20 1.02 0.00	26.31 1.08 0.00	31.10 1.28 0.00	27.48 1.07 0.00	25.25 0.94 0.00	29.02 1.03 0.00	29.02 1.02 0.00	23.13 0.82 0.00	22.51 0.68 0.00
ATHENS_STG_2 23670	17.74 0.60 0.00	17.12 0.54 0.00	12.55 0.41 0.00	7.79 0.26 0.00	10.28 0.33 0.00	13.97 0.42 0.00	21.01 0.60 0.00	21.48 0.70 0.00	23.53 0.83 0.00	23.73 0.86 0.00	27.03 0.96 0.00	26.77 0.99 0.00	23.98 0.90 0.00	22.97 0.97 0.00	23.76 0.97 0.00	25.20 1.02 0.00	26.31 1.08 0.00	31.10 1.28 0.00	27.48 1.07 0.00	25.25 0.94 0.00	29.02 1.03 0.00	29.02 1.02 0.00	23.13 0.82 0.00	22.51 0.68 0.00

ATHENS_STG_3 23677	17.74 0.60 0.00	17.12 0.54 0.00	12.55 0.41 0.00	7.79 0.26 0.00	10.28 0.33 0.00	13.97 0.42 0.00	21.01 0.60 0.00	21.48 0.70 0.00	23.53 0.83 0.00	23.73 0.86 0.00	27.03 0.96 0.00	26.77 0.99 0.00	23.98 0.90 0.00	22.97 0.97 0.00	23.76 0.97 0.00	25.20 1.02 0.00	26.31 1.08 0.00	31.10 1.28 0.00	27.48 1.07 0.00	25.25 0.94 0.00	29.02 1.03 0.00	29.02 1.02 0.00	23.13 0.82 0.00	22.51 0.68 0.00
AUBURN____LFGE 323710	17.26 0.12 0.00	16.71 0.13 0.00	12.24 0.10 0.00	7.61 0.08 0.00	10.09 0.14 0.00	13.75 0.20 0.00	20.78 0.37 0.00	21.08 0.31 0.00	23.00 0.31 0.00	23.18 0.31 0.00	26.44 0.37 0.00	26.01 0.23 0.00	23.27 0.19 0.00	22.10 0.11 0.00	23.07 0.28 0.00	24.46 0.28 0.00	25.54 0.31 0.00	30.12 0.30 0.00	26.67 0.26 0.00	24.57 0.26 0.00	28.36 0.37 0.00	28.43 0.43 0.00	22.58 0.27 0.00	22.15 0.32 0.00
BABYLON_RES_REC 323704	33.84 1.27 -15.44	26.82 1.14 -9.11	16.40 0.83 -3.44	8.02 0.50 0.00	10.58 0.64 0.00	14.49 0.91 -0.03	27.55 1.35 -5.78	31.18 1.51 -8.90	31.32 1.78 -6.85	50.99 1.85 -26.27	28.72 1.85 -0.80	28.08 2.01 -0.30	26.74 1.62 -2.04	25.68 1.61 -2.08	26.15 1.68 -1.68	27.96 1.67 -2.11	27.01 1.71 -0.08	31.63 1.81 0.00	28.07 1.66 0.00	27.70 1.65 -1.74	29.61 1.61 0.00	29.75 1.82 0.08	23.74 1.44 0.00	23.04 1.21 0.00
BABYLON__69_KV_BK2 356345	33.98 1.41 -15.44	26.95 1.27 -9.11	16.50 0.92 -3.44	8.08 0.55 0.00	10.65 0.71 0.00	14.59 1.01 -0.03	27.70 1.50 -5.78	31.34 1.66 -8.90	31.51 1.97 -6.85	51.20 2.06 -26.27	28.95 2.08 -0.80	28.34 2.26 -0.30	27.04 1.92 -2.04	26.04 1.97 -2.08	26.50 2.02 -1.68	28.41 2.12 -2.11	27.43 2.13 -0.08	32.13 2.31 0.00	28.53 2.12 0.00	28.12 2.07 -1.74	30.03 2.04 0.00	29.98 2.06 0.08	23.91 1.60 0.00	23.22 1.38 0.00
BARON_WINDS____WT_PWR 323822	16.53 -0.60 0.00	16.10 -0.48 0.00	11.79 -0.34 0.00	7.34 -0.18 0.00	9.81 -0.13 0.00	13.33 -0.22 0.00	20.26 -0.15 0.00	20.67 -0.10 0.00	22.71 0.02 0.00	22.93 0.06 0.00	26.17 0.10 0.00	25.83 0.04 0.00	23.08 0.00 0.00	21.91 -0.08 0.00	22.95 0.16 0.00	24.09 -0.09 0.00	25.01 -0.22 0.00	29.53 -0.29 0.00	26.08 -0.33 0.00	24.06 -0.25 0.00	27.85 -0.15 0.00	27.68 -0.32 0.00	21.92 -0.39 0.00	21.38 -0.45 0.00
BARRETT_IC_1 23704	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_10 23701	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_11 23702	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_12 23703	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_2 23705	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_3 23706	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_4 23707	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_5 23708	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_6 23709	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 0.00	28.34 1.93 0.00	27.82 1.77 -1.74	29.72 1.73 0.00	30.24 1.73 -0.49	23.70 1.38 0.00	22.98 1.15 0.00
BARRETT_IC_7 23710	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.85 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.65 -6.85	50.87 1.73 -26.27	28.69 1.81 -0.80	28.07 1.99 -0.31	26.90 1.77 -2.05	25.90 1.83 -2.09	26.37 1.89 -1.68	28.30 2.01 -2.11	27.34 2.04 -0.08	32.01 2.19 0.00	28.34 1.93 0.00	27.82 1.77 -1.74	29.72 1.73 0.00	30.23 1.73 -0.49	23.69 1.38 0.00	22.98 1.15 0.00

BARRETT_IC_8 23711	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT_IC_9 23700	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT___1 23545	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BARRETT___2 23546	33.77 1.19 -15.45	26.73 1.04 -9.11	16.36 0.78 -3.44	7.99 0.47 0.00	10.55 0.60 0.00	14.44 0.86 -0.03	27.47 1.27 -5.78	31.10 1.42 -8.90	31.19 1.64 -6.85	50.87 1.73 -26.27	28.68 1.81 -0.80	28.06 1.97 -0.31	26.90 1.77 -2.05	25.91 1.83 -2.09	26.37 1.89 -1.69	28.30 2.01 -2.11	27.34 2.03 -0.08	32.02 2.19 -0.01	28.34 1.93 -0.01	27.82 1.77 -1.74	29.72 1.72 -0.01	30.24 1.73 -0.50	23.70 1.38 -0.01	22.98 1.15 0.00
BATAVIA___115KV_TB1 55881	16.93 -0.20 0.00	16.45 -0.13 0.00	12.10 -0.04 0.00	7.57 0.04 0.00	10.05 0.10 0.00	13.59 0.04 0.00	20.57 0.16 0.00	20.65 -0.13 0.00	22.59 -0.10 0.00	22.84 -0.03 0.00	26.23 0.16 0.00	25.72 -0.06 0.00	22.89 -0.19 0.00	21.64 -0.35 0.00	22.56 -0.23 0.00	23.77 -0.41 0.00	24.65 -0.58 0.00	29.22 -0.60 0.00	26.01 -0.39 0.00	23.94 -0.36 0.00	27.76 -0.23 0.00	27.66 -0.34 0.00	21.98 -0.33 0.00	21.80 -0.04 0.00
BAYONEEC___CTG1 323682	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG10 323750	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG2 323683	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG3 323684	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG4 323685	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG5 323686	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG6 323687	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG7 323688	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG8 323689	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00
BAYONEEC___CTG9 323749	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.27 0.00	24.24 1.37 0.00	27.65 1.57 0.00	27.49 1.70 0.00	24.67 1.59 0.00	23.65 1.66 0.00	24.52 1.73 0.00	26.04 1.86 0.00	27.12 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.58 1.59 0.00	29.63 1.62 0.00	23.66 1.35 0.00	22.90 1.07 0.00

BEACON___LESR 323632	17.73 0.60 0.00	17.07 0.50 0.00	12.53 0.39 0.00	7.78 0.25 0.00	10.27 0.33 0.00	13.96 0.42 0.00	18.11 0.61 2.91	10.59 0.75 10.93	15.85 0.83 7.67	23.30 0.86 0.43	25.00 0.89 1.96	26.65 0.87 0.00	23.85 0.77 0.00	22.91 0.92 0.00	23.68 0.89 0.00	25.05 0.87 0.00	26.20 0.97 0.00	31.09 1.27 0.00	27.49 1.08 0.00	25.27 0.96 0.00	29.04 1.05 0.00	28.99 0.99 0.00	23.02 0.71 0.00	22.44 0.61 0.00
BEAVER RIVER___HYD 24048	17.37 0.24 0.00	16.58 0.01 0.00	12.09 -0.05 0.00	7.41 -0.12 0.00	9.74 -0.21 0.00	13.44 -0.11 0.00	20.62 0.21 0.00	21.14 0.36 0.00	23.03 0.33 0.00	23.03 0.16 0.00	26.40 0.32 0.00	26.01 0.23 0.00	23.15 0.07 0.00	22.02 0.03 0.00	22.83 0.04 0.00	24.26 0.07 0.00	25.33 0.10 0.00	29.91 0.09 0.00	26.82 0.42 0.00	24.92 0.61 0.00	29.06 1.07 0.00	29.10 1.10 0.00	23.12 0.81 0.00	22.54 0.71 0.00
BEEBEE_GT_13 23619	16.90 -0.23 0.00	16.40 -0.18 0.00	12.03 -0.11 0.00	7.49 -0.03 0.00	9.93 -0.02 0.00	13.48 -0.07 0.00	20.40 -0.01 0.00	20.56 -0.22 0.00	22.51 -0.19 0.00	22.75 -0.11 0.00	26.06 -0.02 0.00	25.61 -0.17 0.00	22.87 -0.21 0.00	21.64 -0.36 0.00	22.56 -0.23 0.00	23.78 -0.40 0.00	24.71 -0.52 0.00	29.18 -0.64 0.00	25.96 -0.45 0.00	23.88 -0.42 0.00	27.65 -0.34 0.00	27.59 -0.42 0.00	21.94 -0.38 0.00	21.66 -0.17 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.30 1.16 0.00	17.58 1.00 0.00	12.87 0.73 0.00	7.98 0.45 0.00	10.53 0.59 0.00	14.36 0.81 0.00	21.57 1.16 0.00	22.07 1.29 0.00	24.19 1.50 0.00	24.47 1.60 0.00	27.91 1.84 0.00	27.76 1.98 0.00	24.93 1.86 0.00	23.90 1.90 0.00	24.78 1.98 0.00	26.32 2.15 0.00	27.44 2.21 0.00	32.32 2.50 0.00	28.51 2.10 0.00	26.13 1.82 0.00	29.96 1.97 0.00	30.03 2.03 0.00	23.94 1.63 0.00	23.16 1.33 0.00
BETHLEHEM___GRP 23843	17.49 0.36 0.00	16.87 0.30 0.00	12.40 0.27 0.00	7.70 0.17 0.00	10.17 0.22 0.00	13.78 0.24 0.00	18.17 0.28 2.52	11.76 0.42 9.44	16.56 0.49 6.62	22.97 0.47 0.37	24.82 0.45 1.70	26.24 0.46 0.00	23.52 0.44 0.00	22.56 0.57 0.00	23.31 0.51 0.00	24.69 0.50 0.00	25.80 0.57 0.00	30.54 0.72 0.00	27.00 0.60 0.00	24.85 0.54 0.00	28.56 0.57 0.00	28.56 0.55 0.00	22.73 0.42 0.00	22.14 0.31 0.00
BETHLEHEM___GS1 323560	17.49 0.36 0.00	16.87 0.30 0.00	12.40 0.26 0.00	7.70 0.17 0.00	10.17 0.22 0.00	13.79 0.24 0.00	18.17 0.28 2.52	11.76 0.42 9.44	16.55 0.48 6.62	22.96 0.47 0.37	24.83 0.45 1.70	26.23 0.46 0.00	23.52 0.44 0.00	22.56 0.57 0.00	23.31 0.51 0.00	24.69 0.50 0.00	25.79 0.57 0.00	30.54 0.72 0.00	27.00 0.59 0.00	24.85 0.54 0.00	28.56 0.57 0.00	28.56 0.55 0.00	22.73 0.43 0.00	22.14 0.31 0.00
BETHLEHEM___GS2 323561	17.49 0.36 0.00	16.87 0.30 0.00	12.40 0.26 0.00	7.70 0.17 0.00	10.17 0.22 0.00	13.79 0.24 0.00	18.17 0.28 2.52	11.76 0.42 9.44	16.55 0.48 6.62	22.96 0.47 0.37	24.83 0.45 1.70	26.23 0.46 0.00	23.52 0.44 0.00	22.56 0.57 0.00	23.31 0.51 0.00	24.69 0.50 0.00	25.79 0.57 0.00	30.54 0.72 0.00	27.00 0.59 0.00	24.85 0.54 0.00	28.56 0.57 0.00	28.56 0.55 0.00	22.73 0.43 0.00	22.14 0.31 0.00
BETHLEHEM___GS3 323562	17.49 0.36 0.00	16.87 0.30 0.00	12.40 0.26 0.00	7.70 0.17 0.00	10.17 0.22 0.00	13.79 0.24 0.00	18.17 0.28 2.52	11.76 0.42 9.44	16.55 0.48 6.62	22.96 0.47 0.37	24.83 0.45 1.70	26.23 0.46 0.00	23.52 0.44 0.00	22.56 0.57 0.00	23.31 0.51 0.00	24.69 0.50 0.00	25.79 0.57 0.00	30.54 0.72 0.00	27.00 0.59 0.00	24.85 0.54 0.00	28.56 0.57 0.00	28.56 0.55 0.00	22.73 0.43 0.00	22.14 0.31 0.00
BETHLEHEM___STEEL 23779	16.63 -0.50 0.00	16.17 -0.41 0.00	11.89 -0.24 0.00	7.44 -0.08 0.00	9.89 -0.06 0.00	13.37 -0.18 0.00	20.25 -0.16 0.00	20.36 -0.42 0.00	22.33 -0.37 0.00	22.57 -0.30 0.00	25.89 -0.19 0.00	25.41 -0.36 0.00	22.70 -0.38 0.00	21.46 -0.54 0.00	22.44 -0.35 0.00	23.56 -0.63 0.00	24.36 -0.87 0.00	28.68 -1.14 0.00	25.50 -0.91 0.00	23.49 -0.82 0.00	27.27 -0.72 0.00	27.17 -0.84 0.00	21.61 -0.70 0.00	21.42 -0.42 0.00
BETHLHEM_115KV_TB1 79974	17.53 0.40 0.00	16.91 0.34 0.00	12.43 0.29 0.00	7.71 0.19 0.00	10.18 0.24 0.00	13.82 0.27 0.00	18.41 0.34 2.34	12.49 0.47 8.76	17.10 0.54 6.14	23.05 0.53 0.34	25.02 0.53 1.58	26.31 0.53 0.00	23.59 0.50 0.00	22.62 0.62 0.00	23.37 0.58 0.00	24.76 0.58 0.00	25.86 0.63 0.00	30.62 0.80 0.00	27.08 0.67 0.00	24.92 0.61 0.00	28.63 0.64 0.00	28.63 0.63 0.00	22.80 0.48 0.00	22.21 0.37 0.00
BETHPAGE_CC_5 323564	33.81 1.24 -15.44	26.79 1.10 -9.11	16.38 0.80 -3.44	8.01 0.48 0.00	10.57 0.62 0.00	14.47 0.88 -0.03	27.51 1.31 -5.78	31.14 1.46 -8.90	31.26 1.72 -6.85	50.94 1.80 -26.27	28.68 1.80 -0.80	28.04 1.96 -0.30	26.87 1.75 -2.04	25.81 1.74 -2.08	26.27 1.80 -1.68	28.21 1.92 -2.11	27.33 2.03 -0.08	32.02 2.20 0.00	28.35 1.95 0.00	27.85 1.80 -1.74	29.73 1.74 0.00	29.74 1.79 0.06	23.75 1.44 0.00	23.03 1.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.66 -0.47 0.00	16.20 -0.38 0.00	11.92 -0.22 0.00	7.46 -0.07 0.00	9.90 -0.04 0.00	13.40 -0.15 0.00	20.30 -0.11 0.00	20.41 -0.37 0.00	22.40 -0.30 0.00	22.63 -0.23 0.00	25.96 -0.11 0.00	25.49 -0.29 0.00	22.77 -0.31 0.00	21.53 -0.47 0.00	22.52 -0.27 0.00	23.63 -0.55 0.00	24.44 -0.79 0.00	28.78 -1.04 0.00	25.58 -0.83 0.00	23.57 -0.74 0.00	27.36 -0.63 0.00	27.26 -0.75 0.00	21.67 -0.64 0.00	21.47 -0.36 0.00
BINGHAMTON___COGEN 23790	17.13 0.00 0.00	16.60 0.02 0.00	12.16 0.02 0.00	7.55 0.03 0.00	10.02 0.07 0.00	13.65 0.10 0.00	20.61 0.19 0.00	20.99 0.22 0.00	22.96 0.27 0.00	23.20 0.33 0.00	26.47 0.40 0.00	26.15 0.37 0.00	23.36 0.28 0.00	22.25 0.26 0.00	23.17 0.38 0.00	24.46 0.29 0.00	25.48 0.26 0.00	30.11 0.29 0.00	26.60 0.19 0.00	24.49 0.18 0.00	28.25 0.26 0.00	28.23 0.22 0.00	22.45 0.14 0.00	21.90 0.07 0.00
BIXINCNT_115KV_LOAD 355685	16.73 -0.40 0.00	16.19 -0.38 0.00	11.92 -0.22 0.00	7.46 -0.07 0.00	9.91 -0.03 0.00	13.52 -0.03 0.00	20.49 0.07 0.00	20.71 -0.07 0.00	22.80 0.10 0.00	22.95 0.08 0.00	26.34 0.26 0.00	25.89 0.11 0.00	23.07 -0.01 0.00	21.85 -0.14 0.00	22.89 0.10 0.00	24.02 -0.16 0.00	24.83 -0.40 0.00	29.13 -0.69 0.00	25.82 -0.59 0.00	23.79 -0.51 0.00	27.63 -0.36 0.00	27.46 -0.54 0.00	21.81 -0.50 0.00	21.53 -0.31 0.00
BLACK RIVER___HYD 24047	17.38 0.25 0.00	16.56 -0.01 0.00	12.08 -0.06 0.00	7.40 -0.12 0.00	9.74 -0.21 0.00	13.43 -0.12 0.00	20.62 0.21 0.00	21.14 0.36 0.00	22.98 0.29 0.00	22.95 0.08 0.00	26.31 0.24 0.00	25.81 0.04 0.00	22.97 -0.11 0.00	21.85 -0.15 0.00	22.67 -0.12 0.00	24.03 -0.15 0.00	25.14 -0.09 0.00	29.76 -0.06 0.00	26.69 0.28 0.00	24.86 0.56 0.00	29.19 1.20 0.00	29.29 1.29 0.00	23.20 0.89 0.00	22.61 0.77 0.00

BLACKRVR_115KV_TB2 79977	17.38 0.25 0.00	16.56 -0.01 0.00	12.08 -0.06 0.00	7.40 -0.12 0.00	9.74 -0.21 0.00	13.43 -0.12 0.00	20.62 0.21 0.00	21.14 0.36 0.00	22.98 0.29 0.00	22.95 0.08 0.00	26.31 0.24 0.00	25.82 0.04 0.00	22.96 -0.12 0.00	21.85 -0.15 0.00	22.67 -0.12 0.00	24.03 -0.16 0.00	25.14 -0.09 0.00	29.76 -0.06 0.00	26.69 0.28 0.00	24.86 0.56 0.00	29.19 1.20 0.00	29.29 1.28 0.00	23.21 0.90 0.00	22.61 0.77 0.00
BLISS_WT_PWR 323608	16.71 -0.42 0.00	16.16 -0.41 0.00	11.89 -0.25 0.00	7.45 -0.08 0.00	9.90 -0.05 0.00	13.51 -0.04 0.00	20.48 0.06 0.00	20.73 -0.05 0.00	22.83 0.14 0.00	22.94 0.07 0.00	26.34 0.26 0.00	25.87 0.10 0.00	23.07 -0.01 0.00	21.84 -0.16 0.00	22.90 0.11 0.00	24.05 -0.14 0.00	24.84 -0.39 0.00	29.12 -0.70 0.00	25.82 -0.59 0.00	23.80 -0.51 0.00	27.64 -0.35 0.00	27.45 -0.56 0.00	21.77 -0.54 0.00	21.50 -0.33 0.00
BLUE_CIRC_CHEM_DRP 24182	17.74 0.60 0.00	17.13 0.55 0.00	12.57 0.43 0.00	7.81 0.28 0.00	10.31 0.37 0.00	14.00 0.45 0.00	19.34 0.61 1.69	15.22 0.74 6.29	19.11 0.83 4.41	23.44 0.81 0.25	25.77 0.83 1.13	26.59 0.81 0.00	23.83 0.75 0.00	22.85 0.85 0.00	23.61 0.82 0.00	25.00 0.82 0.00	26.10 0.88 0.00	30.93 1.11 0.00	27.37 0.96 0.00	25.20 0.90 0.00	28.98 0.99 0.00	28.97 0.97 0.00	23.06 0.76 0.00	22.49 0.65 0.00
BOC_GAS_DRP 24189	17.61 0.48 0.00	17.00 0.43 0.00	12.47 0.34 0.00	7.74 0.22 0.00	10.22 0.28 0.00	13.89 0.34 0.00	19.54 0.46 1.34	16.38 0.57 4.97	19.88 0.66 3.48	23.33 0.66 0.20	25.86 0.69 0.90	26.49 0.71 0.00	23.74 0.66 0.00	22.74 0.75 0.00	23.51 0.72 0.00	24.92 0.74 0.00	26.02 0.79 0.00	30.78 0.95 0.00	27.21 0.81 0.00	25.03 0.73 0.00	28.78 0.78 0.00	28.78 0.77 0.00	22.92 0.61 0.00	22.34 0.51 0.00
BOONVILLE_115KV_TB1 79983	17.42 0.29 0.00	16.73 0.15 0.00	12.23 0.09 0.00	7.53 0.01 0.00	9.93 -0.01 0.00	13.63 0.08 0.00	20.72 0.31 0.00	21.16 0.39 0.00	23.12 0.42 0.00	23.22 0.35 0.00	26.52 0.45 0.00	26.25 0.47 0.00	23.42 0.35 0.00	22.32 0.33 0.00	23.12 0.33 0.00	24.51 0.33 0.00	25.58 0.36 0.00	30.28 0.46 0.00	26.97 0.56 0.00	24.94 0.63 0.00	28.86 0.86 0.00	28.85 0.84 0.00	22.93 0.62 0.00	22.37 0.53 0.00
BORALEX_4TH_BRANCH 23824	18.19 1.05 0.00	17.56 0.98 0.00	12.87 0.73 0.00	7.99 0.46 0.00	10.55 0.61 0.00	14.35 0.80 0.00	25.65 1.16 -4.08	36.03 1.31 -13.95	33.54 1.41 -9.44	24.86 1.39 -0.60	30.30 1.49 -2.74	27.22 1.44 0.00	24.35 1.27 0.00	23.38 1.39 0.00	24.07 1.28 0.00	25.40 1.21 0.00	26.59 1.37 0.00	31.48 1.66 0.00	27.82 1.41 0.00	25.74 1.43 0.00	29.64 1.66 0.00	29.65 1.65 0.00	23.61 1.30 0.00	23.00 1.17 0.00
BOWLINE___1 23526	17.91 0.78 0.00	17.23 0.66 0.00	12.62 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.09 0.54 0.00	21.20 0.79 0.00	21.70 0.92 0.00	23.76 1.07 0.00	24.02 1.15 0.00	27.40 1.33 0.00	27.22 1.44 0.00	24.42 1.34 0.00	23.39 1.40 0.00	24.25 1.46 0.00	25.78 1.60 0.00	26.88 1.66 0.00	31.72 1.90 0.00	27.96 1.55 0.00	25.61 1.30 0.00	29.38 1.38 0.00	29.43 1.43 0.00	23.45 1.14 0.00	22.72 0.89 0.00
BOWLINE___2 23595	17.91 0.78 0.00	17.23 0.66 0.00	12.62 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.10 0.54 0.00	21.20 0.79 0.00	21.70 0.92 0.00	23.77 1.07 0.00	24.02 1.15 0.00	27.40 1.33 0.00	27.22 1.44 0.00	24.42 1.34 0.00	23.39 1.40 0.00	24.26 1.47 0.00	25.78 1.60 0.00	26.88 1.66 0.00	31.72 1.90 0.00	27.96 1.55 0.00	25.61 1.30 0.00	29.38 1.39 0.00	29.43 1.43 0.00	23.45 1.14 0.00	22.72 0.89 0.00
BRADY___115KV_TB2 356060	17.35 0.23 0.00	16.80 0.22 0.00	12.29 0.15 0.00	7.58 0.05 0.00	10.01 0.07 0.00	13.72 0.17 0.00	20.79 0.38 0.00	21.19 0.42 0.00	23.08 0.39 0.00	23.18 0.31 0.00	26.43 0.35 0.00	26.04 0.26 0.00	23.29 0.21 0.00	22.16 0.16 0.00	22.96 0.17 0.00	24.45 0.27 0.00	25.46 0.23 0.00	29.97 0.15 0.00	26.75 0.34 0.00	24.73 0.43 0.00	28.62 0.63 0.00	28.67 0.66 0.00	22.84 0.53 0.00	22.33 0.49 0.00
BRANSCOMB___SOLAR 323811	18.33 1.20 0.00	17.66 1.08 0.00	12.92 0.78 0.00	8.02 0.50 0.00	10.60 0.66 0.00	14.42 0.87 0.00	24.86 1.37 -3.08	33.05 1.51 -10.76	31.68 1.63 -7.35	24.93 1.61 -0.45	29.89 1.75 -2.07	27.43 1.65 0.00	24.43 1.34 0.00	23.37 1.38 0.00	24.07 1.27 0.00	25.57 1.38 0.00	26.75 1.53 0.00	31.74 1.92 0.00	28.08 1.67 0.00	25.88 1.57 0.00	29.78 1.78 0.00	29.75 1.75 0.00	23.64 1.33 0.00	23.01 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	33.89 1.32 -15.44	26.87 1.19 -9.11	16.44 0.87 -3.44	8.04 0.52 0.00	10.61 0.67 0.00	14.53 0.95 -0.03	27.60 1.41 -5.78	31.23 1.56 -8.90	31.38 1.83 -6.85	51.06 1.93 -26.27	28.78 1.91 -0.80	28.13 2.05 -0.30	26.85 1.72 -2.04	25.86 1.78 -2.08	26.34 1.87 -1.68	28.24 1.95 -2.11	27.12 1.82 -0.08	31.73 1.91 0.00	28.24 1.84 0.00	27.95 1.90 -1.74	29.80 1.81 0.00	29.69 1.79 0.10	23.71 1.40 0.00	23.06 1.23 0.00
BRISTLHL_115KV_TB1 79998	16.89 -0.24 0.00	16.32 -0.25 0.00	11.96 -0.18 0.00	7.42 -0.11 0.00	9.82 -0.13 0.00	13.38 -0.17 0.00	20.17 -0.24 0.00	20.47 -0.31 0.00	22.33 -0.36 0.00	22.51 -0.37 0.00	25.66 -0.41 0.00	25.37 -0.41 0.00	22.65 -0.43 0.00	21.55 -0.44 0.00	22.35 -0.44 0.00	23.66 -0.52 0.00	24.69 -0.54 0.00	29.23 -0.60 0.00	25.90 -0.51 0.00	23.84 -0.47 0.00	27.50 -0.49 0.00	27.48 -0.52 0.00	21.87 -0.44 0.00	21.48 -0.36 0.00
BROOKHAVEN___DRP 24191	33.67 1.10 -15.44	26.66 0.98 -9.11	16.30 0.72 -3.44	7.95 0.42 0.00	10.49 0.54 0.00	14.37 0.79 -0.03	27.34 1.14 -5.78	30.96 1.29 -8.90	31.08 1.54 -6.85	50.77 1.63 -26.27	28.45 1.58 -0.80	27.80 1.72 -0.30	26.61 1.48 -2.04	25.62 1.54 -2.08	26.06 1.59 -1.68	27.98 1.69 -2.11	27.01 1.70 -0.08	31.64 1.82 0.00	28.08 1.67 0.00	27.66 1.61 -1.74	29.45 1.46 0.00	29.31 1.41 0.10	23.42 1.12 0.00	22.77 0.93 0.00
BROOKLYN_NAVY_YARD 23515	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.28 0.00	24.24 1.37 0.00	27.62 1.56 0.00	27.46 1.68 0.00	24.65 1.57 0.00	23.63 1.64 0.00	24.51 1.72 0.00	26.02 1.85 0.00	27.11 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.59 1.60 0.00	29.63 1.63 0.00	23.67 1.36 0.00	22.90 1.07 0.00
BROOKLYN___ARMY_DRP 323595	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00

BROOKVLE_69_KV_TB1 55790	33.78 1.21 -15.44	26.76 1.07 -9.11	16.36 0.78 -3.44	8.00 0.48 0.00	10.56 0.62 0.00	14.45 0.87 -0.03	27.48 1.29 -5.78	31.12 1.44 -8.90	31.14 1.60 -6.85	50.83 1.69 -26.27	28.76 1.89 -0.80	28.14 2.06 -0.30	27.07 1.94 -2.04	26.05 1.98 -2.08	26.53 2.06 -1.68	28.50 2.21 -2.11	27.50 2.20 -0.08	32.27 2.45 0.00	28.51 2.10 0.00	27.90 1.85 -1.74	29.88 1.89 0.00	29.99 1.98 -0.01	23.86 1.54 0.00	23.12 1.28 0.00
BROOME_2_LFGE 323671	17.13 0.00 0.00	16.60 0.02 0.00	12.16 0.02 0.00	7.55 0.03 0.00	10.02 0.07 0.00	13.65 0.10 0.00	20.61 0.19 0.00	21.00 0.22 0.00	22.96 0.27 0.00	23.20 0.33 0.00	26.47 0.40 0.00	26.15 0.37 0.00	23.36 0.28 0.00	22.25 0.26 0.00	23.17 0.37 0.00	24.47 0.29 0.00	25.48 0.26 0.00	30.11 0.29 0.00	26.60 0.19 0.00	24.49 0.18 0.00	28.25 0.26 0.00	28.23 0.23 0.00	22.45 0.14 0.00	21.90 0.07 0.00
BROOME___LFGE 323600	17.13 0.00 0.00	16.60 0.02 0.00	12.16 0.02 0.00	7.55 0.03 0.00	10.02 0.07 0.00	13.65 0.10 0.00	20.61 0.19 0.00	21.00 0.22 0.00	22.96 0.27 0.00	23.20 0.33 0.00	26.47 0.40 0.00	26.15 0.37 0.00	23.36 0.28 0.00	22.25 0.26 0.00	23.17 0.37 0.00	24.47 0.29 0.00	25.48 0.26 0.00	30.11 0.29 0.00	26.60 0.19 0.00	24.49 0.18 0.00	28.25 0.26 0.00	28.23 0.23 0.00	22.45 0.14 0.00	21.90 0.07 0.00
BROWNFLS_115KV_TB_3_5 80003	17.33 0.19 0.00	16.63 0.05 0.00	12.14 0.00 0.00	7.46 -0.07 0.00	9.82 -0.12 0.00	13.52 -0.02 0.00	20.66 0.25 0.00	21.17 0.39 0.00	23.05 0.35 0.00	23.07 0.20 0.00	26.42 0.35 0.00	26.02 0.24 0.00	23.17 0.09 0.00	22.04 0.04 0.00	22.86 0.07 0.00	24.31 0.13 0.00	25.33 0.10 0.00	29.77 -0.05 0.00	26.76 0.35 0.00	24.83 0.52 0.00	28.86 0.86 0.00	28.90 0.89 0.00	23.01 0.70 0.00	22.45 0.62 0.00
BROWNSV1_27_KV_LOAD 356125	18.26 1.13 0.00	17.56 0.98 0.00	12.86 0.72 0.00	7.98 0.45 0.00	10.53 0.58 0.00	14.35 0.80 0.00	21.57 1.16 0.00	22.11 1.34 0.00	24.23 1.54 0.00	24.51 1.64 0.00	27.96 1.89 0.00	27.80 2.02 0.00	24.95 1.87 0.00	23.92 1.92 0.00	24.81 2.02 0.00	26.34 2.16 0.00	27.44 2.21 0.00	32.35 2.53 0.00	28.51 2.10 0.00	26.10 1.79 0.00	29.95 1.96 0.00	29.97 1.97 0.00	23.92 1.61 0.00	23.15 1.31 0.00
BURROWS___LYONSDAL 23803	17.40 0.27 0.00	16.67 0.10 0.00	12.18 0.04 0.00	7.49 -0.04 0.00	9.86 -0.08 0.00	13.55 0.01 0.00	20.67 0.26 0.00	21.14 0.37 0.00	23.09 0.39 0.00	23.16 0.29 0.00	26.50 0.42 0.00	26.21 0.43 0.00	23.37 0.29 0.00	22.27 0.27 0.00	23.06 0.27 0.00	24.47 0.29 0.00	25.53 0.31 0.00	30.21 0.39 0.00	26.95 0.54 0.00	24.95 0.65 0.00	28.92 0.93 0.00	28.92 0.91 0.00	22.98 0.67 0.00	22.41 0.58 0.00
CAITHNESS_CC_1 323624	33.67 1.09 -15.44	26.66 0.97 -9.11	16.29 0.72 -3.44	7.95 0.42 0.00	10.49 0.54 0.00	14.37 0.78 -0.03	27.33 1.14 -5.78	30.95 1.28 -8.90	31.07 1.53 -6.85	50.76 1.63 -26.27	28.43 1.56 -0.80	27.77 1.69 -0.30	26.59 1.47 -2.04	25.61 1.53 -2.08	26.06 1.59 -1.68	27.97 1.68 -2.11	26.98 1.68 -0.08	31.61 1.80 0.00	28.05 1.64 0.00	27.64 1.59 -1.74	29.43 1.44 0.00	29.29 1.40 0.10	23.43 1.13 0.00	22.78 0.94 0.00
CALPINE BETH_PAGE_GT4 24209	33.79 1.22 -15.44	26.78 1.09 -9.11	16.37 0.79 -3.44	8.00 0.48 0.00	10.56 0.62 0.00	14.45 0.87 -0.03	27.49 1.30 -5.78	31.12 1.45 -8.90	31.23 1.69 -6.85	50.91 1.77 -26.27	28.68 1.81 -0.80	28.06 1.98 -0.30	26.89 1.76 -2.04	25.81 1.73 -2.08	26.27 1.80 -1.68	28.21 1.92 -2.11	27.29 1.99 -0.08	31.98 2.16 0.00	28.31 1.90 0.00	27.79 1.74 -1.74	29.68 1.69 0.00	29.71 1.75 0.04	23.74 1.43 0.00	23.02 1.19 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.79 1.22 -15.44	26.78 1.09 -9.11	16.37 0.79 -3.44	8.00 0.48 0.00	10.56 0.61 0.00	14.45 0.87 -0.03	27.49 1.30 -5.78	31.12 1.44 -8.90	31.23 1.69 -6.85	50.91 1.77 -26.27	28.68 1.80 -0.80	28.05 1.97 -0.30	26.89 1.76 -2.04	25.81 1.73 -2.08	26.27 1.80 -1.68	28.21 1.92 -2.11	27.29 1.99 -0.08	31.98 2.16 0.00	28.31 1.90 0.00	27.79 1.74 -1.74	29.68 1.69 0.00	29.71 1.75 0.04	23.74 1.43 0.00	23.02 1.19 0.00
CALPINE_BP_GT1 23823	33.79 1.22 -15.44	26.78 1.09 -9.11	16.37 0.79 -3.44	8.00 0.48 0.00	10.56 0.61 0.00	14.45 0.87 -0.03	27.49 1.30 -5.78	31.12 1.44 -8.90	31.23 1.69 -6.85	50.91 1.77 -26.27	28.68 1.80 -0.80	28.05 1.97 -0.30	26.89 1.76 -2.04	25.81 1.73 -2.08	26.27 1.80 -1.68	28.21 1.92 -2.11	27.29 1.99 -0.08	31.98 2.16 0.00	28.31 1.90 0.00	27.79 1.74 -1.74	29.68 1.69 0.00	29.71 1.75 0.04	23.74 1.43 0.00	23.02 1.19 0.00
CALSPAN___DRP 24200	16.63 -0.50 0.00	16.17 -0.41 0.00	11.89 -0.24 0.00	7.44 -0.08 0.00	9.89 -0.06 0.00	13.37 -0.18 0.00	20.25 -0.16 0.00	20.36 -0.42 0.00	22.33 -0.37 0.00	22.57 -0.30 0.00	25.89 -0.19 0.00	25.41 -0.36 0.00	22.70 -0.38 0.00	21.46 -0.54 0.00	22.44 -0.35 0.00	23.56 -0.63 0.00	24.36 -0.87 0.00	28.68 -1.14 0.00	25.50 -0.91 0.00	23.49 -0.82 0.00	27.27 -0.72 0.00	27.17 -0.84 0.00	21.61 -0.70 0.00	21.42 -0.42 0.00
CALVERTON___SOLAR 323806	33.70 1.13 -15.44	26.69 1.01 -9.11	16.32 0.74 -3.44	7.96 0.44 0.00	10.51 0.56 0.00	14.39 0.81 -0.03	27.38 1.18 -5.78	31.00 1.33 -8.90	31.13 1.58 -6.85	50.83 1.69 -26.27	28.51 1.64 -0.80	27.85 1.77 -0.30	26.66 1.54 -2.04	25.66 1.59 -2.08	26.11 1.63 -1.68	28.02 1.74 -2.11	27.07 1.76 -0.08	31.72 1.90 0.00	28.16 1.75 0.00	27.73 1.68 -1.74	29.52 1.53 0.00	29.37 1.47 0.10	23.47 1.17 0.00	22.80 0.97 0.00
CANDIGU_WT_PWR 323617	16.53 -0.60 0.00	16.10 -0.48 0.00	11.79 -0.34 0.00	7.34 -0.18 0.00	9.81 -0.13 0.00	13.33 -0.22 0.00	20.26 -0.15 0.00	20.67 -0.10 0.00	22.71 0.02 0.00	22.93 0.06 0.00	26.17 0.10 0.00	25.83 0.04 0.00	23.08 0.00 0.00	21.91 -0.08 0.00	22.95 0.16 0.00	24.09 -0.09 0.00	25.01 -0.22 0.00	29.53 -0.29 0.00	26.08 -0.33 0.00	24.06 -0.25 0.00	27.85 -0.15 0.00	27.68 -0.32 0.00	21.92 -0.39 0.00	21.38 -0.45 0.00
CARR STREET_E_SYR 24060	16.97 -0.16 0.00	16.40 -0.17 0.00	12.02 -0.12 0.00	7.46 -0.07 0.00	9.87 -0.07 0.00	13.45 -0.10 0.00	20.29 -0.12 0.00	20.60 -0.18 0.00	22.49 -0.20 0.00	22.68 -0.19 0.00	25.88 -0.19 0.00	25.59 -0.19 0.00	22.88 -0.21 0.00	21.76 -0.23 0.00	22.60 -0.19 0.00	23.91 -0.27 0.00	24.92 -0.30 0.00	29.47 -0.35 0.00	26.11 -0.30 0.00	24.04 -0.27 0.00	27.72 -0.28 0.00	27.69 -0.31 0.00	22.03 -0.28 0.00	21.62 -0.22 0.00
CARTHAGE___PAPER 23857	17.44 0.31 0.00	16.63 0.06 0.00	12.13 -0.01 0.00	7.43 -0.09 0.00	9.77 -0.17 0.00	13.48 -0.07 0.00	20.71 0.30 0.00	21.23 0.45 0.00	23.08 0.38 0.00	23.05 0.19 0.00	26.39 0.32 0.00	25.96 0.18 0.00	23.10 0.02 0.00	21.97 -0.02 0.00	22.76 -0.03 0.00	24.20 0.02 0.00	25.30 0.07 0.00	29.91 0.09 0.00	26.85 0.44 0.00	25.01 0.71 0.00	29.27 1.28 0.00	29.35 1.34 0.00	23.27 0.96 0.00	22.67 0.84 0.00

CASSADAGA_WT_PWR 323784	16.87 -0.27 0.00	16.36 -0.21 0.00	11.96 -0.18 0.00	7.42 -0.11 0.00	10.01 0.07 0.00	13.63 0.08 0.00	20.53 0.12 0.00	20.81 0.03 0.00	23.02 0.33 0.00	23.23 0.36 0.00	26.91 0.84 0.00	26.57 0.79 0.00	23.76 0.68 0.00	22.49 0.49 0.00	23.45 0.65 0.00	24.47 0.29 0.00	24.98 -0.25 0.00	29.44 -0.38 0.00	26.32 -0.09 0.00	24.18 -0.13 0.00	27.88 -0.11 0.00	27.61 -0.39 0.00	21.96 -0.36 0.00	21.53 -0.31 0.00
CE_DUNWOOD___DRP 24194	18.03 0.90 0.00	17.35 0.77 0.00	12.70 0.56 0.00	7.88 0.35 0.00	10.40 0.46 0.00	14.18 0.63 0.00	21.33 0.91 0.00	21.83 1.06 0.00	23.92 1.22 0.00	24.18 1.31 0.00	27.57 1.50 0.00	27.39 1.61 0.00	24.58 1.49 0.00	23.54 1.55 0.00	24.41 1.62 0.00	25.93 1.75 0.00	27.04 1.81 0.00	31.90 2.08 0.00	28.12 1.71 0.00	25.77 1.46 0.00	29.55 1.56 0.00	29.58 1.58 0.00	23.58 1.27 0.00	22.85 1.02 0.00
CE_MILLWOOD___DRP 24193	17.99 0.86 0.00	17.31 0.74 0.00	12.68 0.54 0.00	7.87 0.34 0.00	10.38 0.44 0.00	14.15 0.60 0.00	21.29 0.88 0.00	21.80 1.02 0.00	23.87 1.18 0.00	24.13 1.26 0.00	27.51 1.44 0.00	27.33 1.55 0.00	24.52 1.44 0.00	23.49 1.50 0.00	24.35 1.56 0.00	25.87 1.69 0.00	26.98 1.76 0.00	31.83 2.01 0.00	28.06 1.66 0.00	25.72 1.41 0.00	29.50 1.51 0.00	29.53 1.53 0.00	23.54 1.23 0.00	22.81 0.98 0.00
CE_NYC2_DRP 24202	18.11 0.97 0.00	17.41 0.83 0.00	12.76 0.62 0.00	7.91 0.39 0.00	10.45 0.50 0.00	14.24 0.69 0.00	21.37 0.96 0.00	21.89 1.12 0.00	24.00 1.31 0.00	24.28 1.41 0.00	27.69 1.61 0.00	27.53 1.75 0.00	24.71 1.63 0.00	23.68 1.68 0.00	24.54 1.75 0.00	26.07 1.89 0.00	27.17 1.94 0.00	32.02 2.20 0.00	28.22 1.81 0.00	25.85 1.54 0.00	29.64 1.65 0.00	29.68 1.68 0.00	23.67 1.36 0.00	22.91 1.08 0.00
CE_NYC_DRP 24195	18.09 0.96 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.38 0.97 0.00	21.90 1.12 0.00	24.00 1.31 0.00	24.27 1.40 0.00	27.68 1.61 0.00	27.51 1.74 0.00	24.70 1.62 0.00	23.68 1.68 0.00	24.55 1.76 0.00	26.08 1.90 0.00	27.16 1.94 0.00	32.02 2.20 0.00	28.22 1.81 0.00	25.84 1.53 0.00	29.64 1.64 0.00	29.67 1.66 0.00	23.68 1.36 0.00	22.91 1.08 0.00
CHAFFEE___LFGE 323603	16.66 -0.47 0.00	16.18 -0.40 0.00	11.90 -0.24 0.00	7.45 -0.08 0.00	9.89 -0.05 0.00	13.39 -0.16 0.00	20.30 -0.11 0.00	20.44 -0.33 0.00	22.43 -0.27 0.00	22.64 -0.23 0.00	25.97 -0.10 0.00	25.51 -0.27 0.00	22.79 -0.30 0.00	21.54 -0.45 0.00	22.56 -0.23 0.00	23.68 -0.50 0.00	24.51 -0.72 0.00	28.83 -0.99 0.00	25.65 -0.76 0.00	23.63 -0.68 0.00	27.46 -0.53 0.00	27.33 -0.67 0.00	21.68 -0.63 0.00	21.48 -0.36 0.00
CHATEAUG_35_KV_LOAD 355732	17.28 0.15 0.00	16.61 0.03 0.00	12.12 -0.02 0.00	7.43 -0.10 0.00	9.90 -0.04 0.00	13.75 0.20 0.00	20.97 0.56 0.00	21.40 0.62 0.00	23.05 0.36 0.00	23.01 0.14 0.00	26.39 0.31 0.00	25.94 0.16 0.00	23.29 0.21 0.00	22.26 0.27 0.00	23.17 0.37 0.00	24.59 0.41 0.00	25.79 0.57 0.00	30.53 0.71 0.00	27.08 0.67 0.00	25.01 0.70 0.00	28.79 0.80 0.00	28.78 0.78 0.00	22.96 0.65 0.00	22.47 0.63 0.00
CHATEAUG_WT_PWR 323614	17.26 0.13 0.00	16.59 0.02 0.00	12.10 -0.04 0.00	7.42 -0.11 0.00	9.90 -0.04 0.00	13.75 0.20 0.00	20.97 0.56 0.00	21.41 0.63 0.00	23.06 0.37 0.00	23.02 0.15 0.00	26.40 0.32 0.00	25.96 0.18 0.00	23.30 0.22 0.00	22.29 0.30 0.00	23.21 0.42 0.00	24.61 0.44 0.00	25.83 0.60 0.00	30.57 0.75 0.00	27.11 0.70 0.00	25.02 0.72 0.00	28.80 0.81 0.00	28.78 0.78 0.00	22.96 0.65 0.00	22.46 0.63 0.00
CHAT_HIGH_FALL_HYD 323578	17.28 0.15 0.00	16.61 0.03 0.00	12.11 -0.03 0.00	7.43 -0.10 0.00	9.90 -0.04 0.00	13.75 0.20 0.00	20.97 0.56 0.00	21.40 0.62 0.00	23.05 0.36 0.00	23.01 0.14 0.00	26.39 0.31 0.00	25.95 0.17 0.00	23.29 0.20 0.00	22.26 0.27 0.00	23.17 0.37 0.00	24.58 0.40 0.00	25.79 0.57 0.00	30.53 0.71 0.00	27.08 0.67 0.00	25.01 0.70 0.00	28.79 0.80 0.00	28.78 0.77 0.00	22.96 0.65 0.00	22.47 0.63 0.00
CHAUTAUQUA___LFGE 323629	16.80 -0.33 0.00	16.32 -0.25 0.00	11.95 -0.19 0.00	7.44 -0.08 0.00	9.99 0.04 0.00	13.58 0.03 0.00	20.49 0.08 0.00	20.76 -0.01 0.00	22.88 0.18 0.00	23.16 0.29 0.00	26.69 0.61 0.00	26.29 0.51 0.00	23.47 0.39 0.00	22.24 0.24 0.00	23.27 0.47 0.00	24.35 0.17 0.00	25.02 -0.21 0.00	29.47 -0.35 0.00	26.17 -0.24 0.00	24.06 -0.24 0.00	27.82 -0.17 0.00	27.67 -0.33 0.00	21.98 -0.33 0.00	21.56 -0.27 0.00
CHERRYST_13_KV_LD 356241	18.13 1.00 0.00	17.45 0.88 0.00	12.78 0.64 0.00	7.93 0.41 0.00	10.47 0.52 0.00	14.27 0.72 0.00	21.45 1.04 0.00	21.97 1.19 0.00	24.09 1.39 0.00	24.36 1.49 0.00	27.79 1.71 0.00	27.63 1.85 0.00	24.80 1.72 0.00	23.77 1.78 0.00	24.65 1.86 0.00	26.18 2.00 0.00	27.27 2.04 0.00	32.14 2.32 0.00	28.31 1.90 0.00	25.92 1.61 0.00	29.72 1.73 0.00	29.75 1.75 0.00	23.74 1.43 0.00	22.98 1.14 0.00
CHESTROR_138KV_BK263 355645	17.84 0.71 0.00	17.18 0.61 0.00	12.58 0.44 0.00	7.81 0.29 0.00	10.31 0.37 0.00	14.05 0.50 0.00	21.13 0.72 0.00	21.61 0.84 0.00	23.66 0.96 0.00	23.90 1.03 0.00	27.25 1.18 0.00	27.04 1.26 0.00	24.25 1.16 0.00	23.21 1.22 0.00	24.06 1.26 0.00	25.56 1.38 0.00	26.67 1.44 0.00	31.49 1.67 0.00	27.79 1.38 0.00	25.48 1.17 0.00	29.26 1.27 0.00	29.29 1.29 0.00	23.34 1.03 0.00	22.64 0.81 0.00
CH_MIDHUDSON___DRP 24192	18.05 0.92 0.00	17.36 0.79 0.00	12.72 0.58 0.00	7.89 0.36 0.00	10.41 0.46 0.00	14.18 0.63 0.00	21.36 0.94 0.00	21.86 1.09 0.00	23.91 1.22 0.00	24.15 1.28 0.00	27.54 1.46 0.00	27.33 1.55 0.00	24.49 1.41 0.00	23.46 1.47 0.00	24.29 1.49 0.00	25.80 1.61 0.00	26.93 1.71 0.00	31.82 2.00 0.00	28.09 1.68 0.00	25.77 1.46 0.00	29.62 1.63 0.00	29.63 1.63 0.00	23.61 1.30 0.00	22.90 1.07 0.00
CH_MISC_IPPS 23765	18.12 0.99 0.00	17.43 0.86 0.00	12.76 0.63 0.00	7.92 0.39 0.00	10.44 0.49 0.00	14.20 0.65 0.00	21.40 0.99 0.00	21.90 1.12 0.00	23.93 1.24 0.00	24.15 1.28 0.00	27.55 1.48 0.00	27.35 1.57 0.00	24.46 1.38 0.00	23.41 1.42 0.00	24.23 1.44 0.00	25.76 1.58 0.00	26.91 1.68 0.00	31.80 1.98 0.00	28.06 1.65 0.00	25.79 1.48 0.00	29.77 1.78 0.00	29.80 1.79 0.00	23.73 1.42 0.00	22.99 1.16 0.00
CH_RES_BVR_FALLS 23983	16.96 -0.18 0.00	16.39 -0.18 0.00	11.97 -0.17 0.00	7.35 -0.18 0.00	9.62 -0.32 0.00	13.19 -0.35 0.00	20.06 -0.35 0.00	20.52 -0.26 0.00	22.45 -0.24 0.00	22.57 -0.30 0.00	25.77 -0.30 0.00	25.48 -0.30 0.00	22.84 -0.24 0.00	21.77 -0.23 0.00	22.58 -0.21 0.00	24.02 -0.16 0.00	25.09 -0.14 0.00	29.64 -0.18 0.00	26.30 -0.11 0.00	24.21 -0.09 0.00	27.91 -0.09 0.00	27.94 -0.06 0.00	22.28 -0.03 0.00	21.80 -0.03 0.00

CH_RES_NIAGARA 23895	15.88 -1.25 0.00	15.45 -1.13 0.00	11.41 -0.73 0.00	7.18 -0.35 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.32 -1.45 0.00	21.17 -1.52 0.00	21.39 -1.47 0.00	24.54 -1.54 0.00	24.05 -1.73 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.16 -1.63 0.00	22.20 -1.97 0.02	22.95 -2.25 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.20 -2.11 0.00	25.78 -2.21 0.00	25.71 -2.29 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
CH_RES_SYRACUSE 23985	17.07 -0.06 0.00	16.51 -0.06 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.94 -0.01 0.00	13.54 -0.01 0.00	20.44 0.03 0.00	20.74 -0.04 0.00	22.64 -0.06 0.00	22.82 -0.05 0.00	26.03 -0.04 0.00	25.73 -0.05 0.00	23.00 -0.09 0.00	21.87 -0.12 0.00	22.74 -0.06 0.00	24.08 -0.10 0.00	25.11 -0.12 0.00	29.68 -0.15 0.00	26.27 -0.14 0.00	24.20 -0.11 0.00	27.90 -0.09 0.00	27.90 -0.11 0.00	22.19 -0.12 0.00	21.77 -0.07 0.00
CLINTON_WT_PWR 323605	17.26 0.13 0.00	16.59 0.02 0.00	12.10 -0.04 0.00	7.42 -0.11 0.00	9.90 -0.04 0.00	13.75 0.20 0.00	20.97 0.56 0.00	21.41 0.63 0.00	23.06 0.37 0.00	23.02 0.15 0.00	26.40 0.32 0.00	25.96 0.18 0.00	23.30 0.22 0.00	22.29 0.30 0.00	23.21 0.42 0.00	24.61 0.44 0.00	25.83 0.60 0.00	30.57 0.75 0.00	27.11 0.70 0.00	25.02 0.72 0.00	28.80 0.81 0.00	28.78 0.78 0.00	22.96 0.65 0.00	22.46 0.63 0.00
CLINTON___LFGE 323618	17.60 0.47 0.00	16.89 0.31 0.00	12.31 0.17 0.00	7.54 0.02 0.00	10.06 0.12 0.00	13.98 0.43 0.00	21.39 0.98 0.00	21.89 1.11 0.00	23.58 0.88 0.00	23.51 0.64 0.00	26.93 0.86 0.00	26.40 0.62 0.00	23.68 0.60 0.00	22.66 0.67 0.00	23.52 0.72 0.00	24.89 0.71 0.00	26.14 0.91 0.00	30.98 1.16 0.00	27.47 1.06 0.00	25.36 1.06 0.00	29.18 1.19 0.00	29.13 1.13 0.00	23.23 0.92 0.00	22.71 0.88 0.00
COBBLENY_34_KV_TB1 80064	16.65 -0.48 0.00	16.18 -0.40 0.00	11.90 -0.24 0.00	7.45 -0.08 0.00	9.89 -0.05 0.00	13.39 -0.16 0.00	20.30 -0.11 0.00	20.43 -0.34 0.00	22.42 -0.27 0.00	22.64 -0.23 0.00	25.96 -0.11 0.00	25.51 -0.28 0.00	22.78 -0.30 0.00	21.54 -0.45 0.00	22.56 -0.23 0.00	23.68 -0.50 0.00	24.51 -0.72 0.00	28.84 -0.98 0.00	25.65 -0.76 0.00	23.63 -0.68 0.00	27.46 -0.53 0.00	27.33 -0.67 0.00	21.69 -0.62 0.00	21.48 -0.36 0.00
COFFEEN___115KV_TB3 355620	17.49 0.36 0.00	16.67 0.09 0.00	12.16 0.02 0.00	7.45 -0.07 0.00	9.81 -0.13 0.00	13.52 -0.02 0.00	20.76 0.36 0.00	21.26 0.48 0.00	23.06 0.37 0.00	23.02 0.15 0.00	26.43 0.36 0.00	25.90 0.12 0.00	23.00 -0.08 0.00	21.89 -0.11 0.00	22.69 -0.10 0.00	24.04 -0.14 0.00	25.14 -0.09 0.00	29.77 -0.05 0.00	26.71 0.30 0.00	24.92 0.61 0.00	29.37 1.38 0.00	29.48 1.47 0.00	23.35 1.04 0.00	22.72 0.89 0.00
COLDSPRG_115KV_BK1 355956	17.07 -0.06 0.00	16.57 -0.01 0.00	12.14 0.00 0.00	7.56 0.03 0.00	10.13 0.18 0.00	13.78 0.24 0.00	20.86 0.45 0.00	21.16 0.39 0.00	23.35 0.65 0.00	23.64 0.77 0.00	27.22 1.14 0.00	26.73 0.95 0.00	23.83 0.75 0.00	22.57 0.58 0.00	23.63 0.83 0.00	24.72 0.54 0.00	25.42 0.19 0.00	29.91 0.09 0.00	26.54 0.13 0.00	24.38 0.07 0.00	28.20 0.21 0.00	28.07 0.07 0.00	22.33 0.02 0.00	21.88 0.04 0.00
COLONIE_LFGE___ 323577	17.98 0.85 0.00	17.34 0.77 0.00	12.71 0.57 0.00	7.89 0.36 0.00	10.42 0.47 0.00	14.16 0.61 0.00	26.64 0.95 -5.28	39.90 1.10 -18.02	36.10 1.22 -12.19	24.85 1.21 -0.78	30.93 1.30 -3.55	27.05 1.27 0.00	24.18 1.09 0.00	23.18 1.18 0.00	23.89 1.10 0.00	25.32 1.14 0.00	26.48 1.26 0.00	31.32 1.50 0.00	27.66 1.26 0.00	25.49 1.19 0.00	29.32 1.33 0.00	29.32 1.32 0.00	23.33 1.02 0.00	22.74 0.90 0.00
COOPERNY_115KV_TB1 80082	17.63 0.50 0.00	17.00 0.43 0.00	12.45 0.31 0.00	7.73 0.21 0.00	10.21 0.27 0.00	13.91 0.36 0.00	20.93 0.52 0.00	21.38 0.60 0.00	23.38 0.69 0.00	23.62 0.75 0.00	26.93 0.85 0.00	26.70 0.92 0.00	23.92 0.84 0.00	22.88 0.88 0.00	23.71 0.92 0.00	25.18 1.00 0.00	26.28 1.05 0.00	31.03 1.21 0.00	27.40 0.99 0.00	25.15 0.85 0.00	28.90 0.91 0.00	28.92 0.92 0.00	23.04 0.73 0.00	22.40 0.56 0.00
COPENHAGEN_WT_PWR 323753	17.25 0.12 0.00	16.40 -0.18 0.00	11.96 -0.19 0.00	7.32 -0.21 0.00	9.62 -0.32 0.00	13.27 -0.28 0.00	20.41 0.00 0.00	20.97 0.19 0.00	22.84 0.15 0.00	22.82 -0.05 0.00	26.16 0.08 0.00	25.66 -0.12 0.00	22.84 -0.24 0.00	21.74 -0.26 0.00	22.57 -0.22 0.00	23.93 -0.25 0.00	25.06 -0.16 0.00	29.68 -0.14 0.00	26.60 0.19 0.00	24.75 0.44 0.00	29.02 1.03 0.00	29.11 1.11 0.00	23.07 0.76 0.00	22.48 0.64 0.00
CORNELL_____ 23752	17.31 0.18 0.00	16.74 0.17 0.00	12.26 0.12 0.00	7.61 0.08 0.00	10.09 0.15 0.00	13.76 0.21 0.00	20.80 0.39 0.00	21.15 0.37 0.00	23.08 0.38 0.00	23.17 0.30 0.00	26.43 0.36 0.00	26.17 0.38 0.00	23.39 0.31 0.00	22.27 0.28 0.00	23.14 0.34 0.00	24.47 0.29 0.00	25.52 0.29 0.00	30.25 0.43 0.00	26.81 0.40 0.00	24.74 0.43 0.00	28.58 0.59 0.00	28.56 0.55 0.00	22.69 0.38 0.00	22.16 0.32 0.00
CORONA_AV_69_KV_TB1 355595	33.82 1.25 -15.44	26.79 1.10 -9.11	16.39 0.81 -3.44	8.01 0.49 0.00	10.58 0.63 0.00	14.47 0.89 -0.03	27.52 1.33 -5.78	31.16 1.48 -8.90	31.27 1.73 -6.85	50.95 1.81 -26.27	28.83 1.95 -0.80	28.21 2.13 -0.30	27.04 1.91 -2.05	26.04 1.96 -2.08	26.50 2.03 -1.68	28.42 2.13 -2.11	27.47 2.17 -0.08	32.20 2.38 0.00	28.48 2.07 0.00	27.92 1.87 -1.74	29.92 1.93 0.00	30.26 1.98 -0.28	23.84 1.53 0.00	23.11 1.28 0.00
CORTLAND_115KV_TB3 80093	17.22 0.09 0.00	16.65 0.08 0.00	12.20 0.06 0.00	7.57 0.04 0.00	10.02 0.08 0.00	13.67 0.12 0.00	20.65 0.24 0.00	21.01 0.23 0.00	22.93 0.24 0.00	23.10 0.23 0.00	26.35 0.28 0.00	26.08 0.30 0.00	23.30 0.22 0.00	22.19 0.19 0.00	23.06 0.27 0.00	24.39 0.20 0.00	25.42 0.20 0.00	30.08 0.26 0.00	26.63 0.22 0.00	24.56 0.25 0.00	28.36 0.36 0.00	28.34 0.33 0.00	22.52 0.21 0.00	22.00 0.17 0.00
COXSACKIE___GT 23611	18.37 1.23 0.00	17.71 1.14 0.00	13.00 0.86 0.00	8.07 0.55 0.00	10.67 0.73 0.00	14.49 0.95 0.00	20.18 1.42 1.64	16.23 1.61 6.16	20.13 1.76 4.32	24.30 1.67 0.24	26.62 1.66 1.11	27.21 1.43 0.00	24.43 1.35 0.00	23.37 1.38 0.00	24.12 1.33 0.00	25.51 1.33 0.00	26.51 1.28 0.00	31.71 1.89 0.00	28.38 1.97 0.00	26.22 1.91 0.00	30.22 2.23 0.00	30.21 2.21 0.00	23.93 1.62 0.00	23.27 1.44 0.00
CPV_VALLEY___CC1 323721	17.70 0.57 0.00	17.05 0.48 0.00	12.49 0.35 0.00	7.76 0.23 0.00	10.24 0.29 0.00	13.94 0.39 0.00	20.97 0.56 0.00	21.45 0.67 0.00	23.47 0.78 0.00	23.71 0.84 0.00	27.03 0.95 0.00	26.82 1.04 0.00	24.05 0.97 0.00	23.02 1.03 0.00	23.86 1.06 0.00	25.35 1.17 0.00	26.44 1.22 0.00	31.21 1.39 0.00	27.54 1.14 0.00	25.27 0.96 0.00	29.01 1.02 0.00	29.04 1.03 0.00	23.14 0.83 0.00	22.47 0.63 0.00

CPV_VALLEY___CC2 323722	17.70 0.57 0.00	17.05 0.48 0.00	12.49 0.35 0.00	7.76 0.23 0.00	10.24 0.29 0.00	13.94 0.39 0.00	20.97 0.56 0.00	21.45 0.67 0.00	23.47 0.78 0.00	23.71 0.84 0.00	27.03 0.95 0.00	26.82 1.04 0.00	24.05 0.97 0.00	23.02 1.03 0.00	23.86 1.06 0.00	25.35 1.17 0.00	26.44 1.22 0.00	31.21 1.39 0.00	27.54 1.14 0.00	25.27 0.96 0.00	29.01 1.02 0.00	29.04 1.03 0.00	23.14 0.83 0.00	22.47 0.63 0.00
CRESCENT___HYD 24018	17.98 0.85 0.00	17.34 0.77 0.00	12.71 0.57 0.00	7.89 0.36 0.00	10.42 0.47 0.00	14.16 0.61 0.00	26.64 0.95 -5.28	39.90 1.10 -18.02	36.10 1.22 -12.19	24.85 1.21 -0.78	30.93 1.30 -3.55	27.05 1.27 0.00	24.18 1.09 0.00	23.18 1.18 0.00	23.89 1.10 0.00	25.32 1.14 0.00	26.48 1.26 0.00	31.32 1.50 0.00	27.66 1.26 0.00	25.49 1.19 0.00	29.32 1.33 0.00	29.32 1.32 0.00	23.33 1.02 0.00	22.74 0.90 0.00
CRICKET___VALLEY_CC1 323756	17.90 0.77 0.00	17.21 0.64 0.00	12.61 0.47 0.00	7.82 0.30 0.00	10.33 0.39 0.00	14.07 0.52 0.00	21.40 0.80 -0.18	21.90 0.94 -0.19	23.74 1.04 0.00	23.98 1.09 -0.03	27.41 1.21 -0.12	27.04 1.27 0.00	24.25 1.17 0.00	23.27 1.27 0.00	24.07 1.28 0.00	25.56 1.38 0.00	26.70 1.48 0.00	31.54 1.72 0.00	27.83 1.43 0.00	25.55 1.24 0.00	29.31 1.31 0.00	29.32 1.31 0.00	23.38 1.07 0.00	22.71 0.88 0.00
CRICKET___VALLEY_CC2 323757	17.90 0.77 0.00	17.21 0.64 0.00	12.61 0.47 0.00	7.82 0.30 0.00	10.33 0.39 0.00	14.07 0.52 0.00	21.40 0.80 -0.18	21.90 0.94 -0.19	23.74 1.04 0.00	23.98 1.09 -0.03	27.41 1.21 -0.12	27.04 1.27 0.00	24.25 1.17 0.00	23.27 1.27 0.00	24.07 1.28 0.00	25.56 1.38 0.00	26.70 1.48 0.00	31.54 1.72 0.00	27.83 1.43 0.00	25.55 1.24 0.00	29.31 1.31 0.00	29.32 1.31 0.00	23.38 1.07 0.00	22.71 0.88 0.00
CRICKET___VALLEY_CC3 323758	17.90 0.77 0.00	17.21 0.64 0.00	12.61 0.47 0.00	7.82 0.30 0.00	10.33 0.39 0.00	14.07 0.52 0.00	21.40 0.80 -0.18	21.90 0.94 -0.19	23.74 1.04 0.00	23.98 1.09 -0.03	27.41 1.21 -0.12	27.04 1.27 0.00	24.25 1.17 0.00	23.27 1.27 0.00	24.07 1.28 0.00	25.56 1.38 0.00	26.70 1.48 0.00	31.54 1.72 0.00	27.83 1.43 0.00	25.55 1.24 0.00	29.31 1.31 0.00	29.32 1.31 0.00	23.38 1.07 0.00	22.71 0.88 0.00
CRUCIBLE_METL_DRP 24180	17.07 -0.06 0.00	16.51 -0.06 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.94 -0.01 0.00	13.54 -0.01 0.00	20.44 0.03 0.00	20.74 -0.04 0.00	22.64 -0.06 0.00	22.82 -0.05 0.00	26.03 -0.04 0.00	25.73 -0.05 0.00	23.00 -0.09 0.00	21.87 -0.12 0.00	22.73 -0.06 0.00	24.08 -0.10 0.00	25.11 -0.12 0.00	29.67 -0.15 0.00	26.27 -0.14 0.00	24.20 -0.11 0.00	27.90 -0.09 0.00	27.90 -0.11 0.00	22.19 -0.12 0.00	21.77 -0.07 0.00
DAHOWA___HYDRO 323763	18.45 1.31 0.00	17.76 1.19 0.00	13.00 0.86 0.00	8.07 0.54 0.00	10.66 0.72 0.00	14.50 0.96 0.00	24.65 1.52 -2.73	32.05 1.66 -9.61	31.08 1.80 -6.59	25.04 1.77 -0.40	29.84 1.94 -1.83	27.58 1.81 0.00	24.53 1.45 0.00	23.47 1.48 0.00	24.15 1.36 0.00	25.68 1.49 0.00	26.87 1.64 0.00	31.91 2.09 0.00	28.22 1.81 0.00	26.00 1.70 0.00	29.92 1.93 0.00	29.89 1.88 0.00	23.74 1.43 0.00	23.11 1.27 0.00
DANC___LFGE 323619	17.11 -0.02 0.00	16.37 -0.20 0.00	11.96 -0.18 0.00	7.36 -0.17 0.00	9.70 -0.25 0.00	13.32 -0.23 0.00	20.33 -0.08 0.00	20.78 0.00 0.00	22.64 -0.05 0.00	22.69 -0.18 0.00	25.96 -0.12 0.00	25.53 -0.25 0.00	22.75 -0.33 0.00	21.64 -0.35 0.00	22.47 -0.32 0.00	23.79 -0.39 0.00	24.86 -0.36 0.00	29.43 -0.39 0.00	26.28 -0.13 0.00	24.37 0.06 0.00	28.41 0.42 0.00	28.50 0.50 0.00	22.61 0.30 0.00	22.10 0.26 0.00
DANSKAMMER___1 23586	18.12 0.99 0.00	17.43 0.86 0.00	12.76 0.63 0.00	7.92 0.39 0.00	10.44 0.49 0.00	14.20 0.65 0.00	21.40 0.99 0.00	21.90 1.12 0.00	23.93 1.24 0.00	24.15 1.28 0.00	27.55 1.48 0.00	27.35 1.57 0.00	24.46 1.38 0.00	23.41 1.42 0.00	24.23 1.44 0.00	25.76 1.58 0.00	26.91 1.68 0.00	31.80 1.98 0.00	28.06 1.65 0.00	25.79 1.48 0.00	29.77 1.78 0.00	29.80 1.79 0.00	23.73 1.42 0.00	22.99 1.16 0.00
DANSKAMMER___2 23589	18.12 0.99 0.00	17.43 0.86 0.00	12.76 0.63 0.00	7.92 0.39 0.00	10.44 0.49 0.00	14.20 0.65 0.00	21.40 0.99 0.00	21.90 1.12 0.00	23.93 1.24 0.00	24.15 1.28 0.00	27.55 1.48 0.00	27.35 1.57 0.00	24.46 1.38 0.00	23.41 1.42 0.00	24.23 1.44 0.00	25.76 1.58 0.00	26.91 1.68 0.00	31.80 1.98 0.00	28.06 1.65 0.00	25.79 1.48 0.00	29.77 1.78 0.00	29.80 1.79 0.00	23.73 1.42 0.00	22.99 1.16 0.00
DANSKAMMER___3 23590	18.12 0.99 0.00	17.43 0.86 0.00	12.76 0.63 0.00	7.92 0.39 0.00	10.44 0.49 0.00	14.20 0.65 0.00	21.40 0.99 0.00	21.90 1.12 0.00	23.93 1.24 0.00	24.15 1.28 0.00	27.55 1.48 0.00	27.35 1.57 0.00	24.46 1.38 0.00	23.41 1.42 0.00	24.23 1.44 0.00	25.76 1.58 0.00	26.91 1.68 0.00	31.80 1.98 0.00	28.06 1.65 0.00	25.79 1.48 0.00	29.77 1.78 0.00	29.80 1.79 0.00	23.73 1.42 0.00	22.99 1.16 0.00
DANSKAMMER___4 23591	18.12 0.99 0.00	17.43 0.86 0.00	12.76 0.63 0.00	7.92 0.39 0.00	10.44 0.49 0.00	14.20 0.65 0.00	21.40 0.99 0.00	21.90 1.12 0.00	23.93 1.24 0.00	24.15 1.28 0.00	27.55 1.48 0.00	27.35 1.57 0.00	24.46 1.38 0.00	23.41 1.42 0.00	24.23 1.44 0.00	25.76 1.58 0.00	26.91 1.68 0.00	31.80 1.98 0.00	28.06 1.65 0.00	25.79 1.48 0.00	29.77 1.78 0.00	29.80 1.79 0.00	23.73 1.42 0.00	22.99 1.16 0.00
DANSKAMMER___DIESEL 23592	18.12 0.99 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.44 0.49 0.00	14.20 0.65 0.00	21.39 0.98 0.00	21.90 1.13 0.00	23.93 1.24 0.00	24.15 1.28 0.00	27.55 1.48 0.00	27.35 1.57 0.00	24.47 1.39 0.00	23.41 1.42 0.00	24.23 1.44 0.00	25.76 1.58 0.00	26.91 1.68 0.00	31.79 1.98 0.00	28.06 1.65 0.00	25.79 1.48 0.00	29.77 1.78 0.00	29.80 1.79 0.00	23.72 1.41 0.00	22.99 1.16 0.00
DARBY___SOLAR 323810	18.34 1.21 0.00	17.67 1.10 0.00	12.93 0.79 0.00	8.03 0.50 0.00	10.61 0.67 0.00	14.43 0.88 0.00	24.86 1.39 -3.06	33.02 1.53 -10.70	31.68 1.67 -7.32	24.97 1.65 -0.45	29.94 1.81 -2.06	27.48 1.70 0.00	24.46 1.37 0.00	23.40 1.41 0.00	24.09 1.30 0.00	25.60 1.41 0.00	26.79 1.56 0.00	31.78 1.96 0.00	28.11 1.70 0.00	25.89 1.58 0.00	29.78 1.79 0.00	29.76 1.75 0.00	23.64 1.33 0.00	23.02 1.18 0.00
DASHVILLE___HYD 23610	17.82 0.69 0.00	17.16 0.59 0.00	12.56 0.42 0.00	7.79 0.26 0.00	10.27 0.33 0.00	14.00 0.45 0.00	20.69 0.70 0.42	20.03 0.86 1.61	22.54 0.98 1.14	23.83 1.03 0.06	27.04 1.25 0.28	27.11 1.34 0.00	24.32 1.24 0.00	23.30 1.31 0.00	24.07 1.28 0.00	25.59 1.41 0.00	26.71 1.49 0.00	31.54 1.72 0.00	27.80 1.39 0.00	25.48 1.18 0.00	29.27 1.28 0.00	29.27 1.27 0.00	23.34 1.03 0.00	22.62 0.79 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	34.02 1.44 -15.44	27.00 1.31 -9.11	16.54 0.96 -3.44	8.10 0.57 0.00	10.69 0.74 0.00	14.64 1.06 -0.03	27.77 1.58 -5.78	31.42 1.74 -8.90	31.60 2.06 -6.85	51.34 2.20 -26.27	29.14 2.27 -0.80	28.46 2.38 -0.30	27.20 2.07 -2.04	26.12 2.05 -2.08	26.65 2.17 -1.68	28.62 2.33 -2.11	27.69 2.38 -0.08	32.47 2.65 0.00	28.81 2.40 0.00	28.32 2.27 -1.74	30.18 2.19 0.00	29.98 2.08 0.10	23.90 1.59 0.00	23.20 1.37 0.00
DELAWARE___LFGE 323621	17.58 0.45 0.00	17.00 0.42 0.00	12.45 0.31 0.00	7.73 0.20 0.00	10.22 0.27 0.00	13.91 0.36 0.00	20.97 0.56 0.00	21.39 0.62 0.00	23.40 0.70 0.00	23.61 0.75 0.00	26.96 0.88 0.00	26.68 0.90 0.00	23.88 0.80 0.00	22.79 0.79 0.00	23.62 0.83 0.00	25.02 0.84 0.00	26.09 0.86 0.00	30.83 1.01 0.00	27.28 0.87 0.00	25.08 0.78 0.00	28.87 0.88 0.00	28.88 0.87 0.00	22.99 0.68 0.00	22.41 0.58 0.00
DERFIELD_115KV_TB7 355931	17.17 0.04 0.00	16.59 0.02 0.00	12.15 0.02 0.00	7.53 0.01 0.00	9.95 0.01 0.00	13.56 0.01 0.00	20.43 0.02 0.00	20.81 0.03 0.00	22.74 0.04 0.00	22.92 0.05 0.00	26.13 0.05 0.00	25.84 0.07 0.00	23.13 0.05 0.00	22.06 0.07 0.00	22.84 0.05 0.00	24.23 0.05 0.00	25.28 0.05 0.00	29.89 0.07 0.00	26.46 0.05 0.00	24.36 0.05 0.00	28.05 0.05 0.00	28.06 0.05 0.00	22.35 0.03 0.00	21.86 0.02 0.00
DOGLEVILLE___HYD 23807	17.10 -0.03 0.00	16.52 -0.06 0.00	12.12 -0.02 0.00	7.47 -0.06 0.00	9.89 -0.05 0.00	13.43 -0.12 0.00	20.17 -0.24 0.00	20.80 0.02 0.00	22.83 0.13 0.00	22.96 0.09 0.00	26.15 0.08 0.00	25.92 0.14 0.00	23.07 -0.01 0.00	22.24 0.24 0.00	22.86 0.07 0.00	24.10 -0.08 0.00	25.26 0.04 0.00	29.99 0.17 0.00	26.55 0.14 0.00	24.51 0.20 0.00	28.20 0.21 0.00	28.14 0.14 0.00	22.34 0.02 0.00	21.64 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	16.79 -0.35 0.00	16.31 -0.26 0.00	11.95 -0.19 0.00	7.44 -0.08 0.00	9.98 0.03 0.00	13.57 0.02 0.00	20.48 0.07 0.00	20.75 -0.03 0.00	22.85 0.15 0.00	23.14 0.27 0.00	26.64 0.57 0.00	26.24 0.46 0.00	23.42 0.34 0.00	22.19 0.19 0.00	23.23 0.44 0.00	24.31 0.13 0.00	25.01 -0.22 0.00	29.46 -0.36 0.00	26.13 -0.27 0.00	24.04 -0.27 0.00	27.80 -0.19 0.00	27.67 -0.33 0.00	21.97 -0.34 0.00	21.56 -0.27 0.00
DUNKIRK___1 23563	16.79 -0.35 0.00	16.31 -0.26 0.00	11.95 -0.19 0.00	7.44 -0.08 0.00	9.98 0.03 0.00	13.57 0.02 0.00	20.48 0.07 0.00	20.75 -0.03 0.00	22.85 0.15 0.00	23.14 0.27 0.00	26.64 0.57 0.00	26.24 0.46 0.00	23.42 0.34 0.00	22.19 0.19 0.00	23.23 0.44 0.00	24.31 0.13 0.00	25.01 -0.22 0.00	29.46 -0.36 0.00	26.13 -0.27 0.00	24.04 -0.27 0.00	27.80 -0.19 0.00	27.67 -0.33 0.00	21.97 -0.34 0.00	21.56 -0.27 0.00
DUNKIRK___2 23564	16.79 -0.35 0.00	16.31 -0.26 0.00	11.95 -0.19 0.00	7.44 -0.08 0.00	9.98 0.03 0.00	13.57 0.02 0.00	20.48 0.07 0.00	20.75 -0.03 0.00	22.85 0.15 0.00	23.14 0.27 0.00	26.64 0.57 0.00	26.24 0.46 0.00	23.42 0.34 0.00	22.19 0.19 0.00	23.23 0.44 0.00	24.31 0.13 0.00	25.01 -0.22 0.00	29.46 -0.36 0.00	26.13 -0.27 0.00	24.04 -0.27 0.00	27.80 -0.19 0.00	27.67 -0.33 0.00	21.97 -0.34 0.00	21.56 -0.27 0.00
DUNKIRK___3 23565	16.73 -0.40 0.00	16.26 -0.32 0.00	11.92 -0.22 0.00	7.43 -0.10 0.00	9.94 0.00 0.00	13.51 -0.04 0.00	20.40 -0.01 0.00	20.65 -0.13 0.00	22.72 0.02 0.00	23.00 0.13 0.00	26.46 0.38 0.00	26.02 0.24 0.00	23.22 0.14 0.00	21.99 -0.01 0.00	23.04 0.24 0.00	24.13 -0.06 0.00	24.87 -0.36 0.00	29.29 -0.54 0.00	25.96 -0.45 0.00	23.88 -0.42 0.00	27.65 -0.34 0.00	27.55 -0.46 0.00	21.88 -0.43 0.00	21.50 -0.33 0.00
DUNKIRK___4 23566	16.73 -0.40 0.00	16.26 -0.32 0.00	11.92 -0.22 0.00	7.43 -0.10 0.00	9.94 0.00 0.00	13.51 -0.04 0.00	20.40 -0.01 0.00	20.65 -0.13 0.00	22.72 0.02 0.00	23.00 0.13 0.00	26.46 0.38 0.00	26.02 0.24 0.00	23.22 0.14 0.00	21.99 -0.01 0.00	23.04 0.24 0.00	24.13 -0.06 0.00	24.87 -0.36 0.00	29.29 -0.54 0.00	25.96 -0.45 0.00	23.88 -0.42 0.00	27.65 -0.34 0.00	27.55 -0.46 0.00	21.88 -0.43 0.00	21.50 -0.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.06 0.93 0.00	17.38 0.80 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.42 0.48 0.00	14.20 0.65 0.00	21.36 0.95 0.00	21.87 1.10 0.00	23.96 1.27 0.00	24.22 1.35 0.00	27.63 1.55 0.00	27.45 1.67 0.00	24.63 1.55 0.00	23.60 1.61 0.00	24.46 1.67 0.00	25.99 1.81 0.00	27.09 1.87 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.63 1.62 0.00	23.63 1.31 0.00	22.89 1.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.95 0.82 0.00	17.27 0.70 0.00	12.65 0.51 0.00	7.85 0.32 0.00	10.35 0.41 0.00	14.10 0.55 0.00	21.23 0.82 0.00	21.73 0.96 0.00	23.77 1.08 0.00	24.00 1.13 0.00	27.38 1.31 0.00	27.19 1.41 0.00	24.36 1.28 0.00	23.32 1.32 0.00	24.14 1.35 0.00	25.66 1.48 0.00	26.79 1.57 0.00	31.64 1.82 0.00	27.92 1.51 0.00	25.62 1.31 0.00	29.46 1.47 0.00	29.49 1.49 0.00	23.49 1.18 0.00	22.77 0.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.36 0.95 0.00	21.87 1.09 0.00	23.99 1.30 0.00	24.24 1.37 0.00	27.64 1.56 0.00	27.47 1.69 0.00	24.67 1.59 0.00	23.64 1.65 0.00	24.47 1.68 0.00	26.01 1.83 0.00	27.10 1.88 0.00	31.95 2.13 0.00	28.16 1.75 0.00	25.82 1.51 0.00	29.62 1.63 0.00	29.67 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
E179THST_13_KV_LOAD 356214	18.20 1.06 0.00	17.48 0.91 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.48 0.54 0.00	14.28 0.74 0.00	21.46 1.05 0.00	21.97 1.20 0.00	24.11 1.42 0.00	24.36 1.49 0.00	27.78 1.71 0.00	27.62 1.84 0.00	24.80 1.72 0.00	23.76 1.76 0.00	24.60 1.81 0.00	26.14 1.96 0.00	27.25 2.02 0.00	32.13 2.31 0.00	28.31 1.90 0.00	25.95 1.64 0.00	29.77 1.78 0.00	29.82 1.81 0.00	23.79 1.48 0.00	23.02 1.19 0.00
EAST HAMPTON___GT 23717	34.26 1.69 -15.44	27.22 1.53 -9.11	16.70 1.13 -3.44	8.21 0.68 0.00	10.83 0.89 0.00	14.84 1.25 -0.03	28.09 1.89 -5.78	31.74 2.07 -8.90	31.95 2.40 -6.85	51.70 2.56 -26.27	29.58 2.71 -0.80	28.90 2.82 -0.30	27.57 2.45 -2.04	26.46 2.38 -2.08	27.01 2.53 -1.68	29.02 2.74 -2.11	28.10 2.80 -0.08	32.99 3.18 0.00	29.29 2.88 0.00	28.75 2.70 -1.74	30.66 2.67 0.00	30.43 2.54 0.10	24.26 1.95 0.00	23.52 1.69 0.00
EAST RIVER___6 23660	18.07 0.93 0.00	17.41 0.83 0.00	12.76 0.62 0.00	7.92 0.39 0.00	10.45 0.50 0.00	14.24 0.69 0.00	21.37 0.96 0.00	21.88 1.10 0.00	23.98 1.29 0.00	24.25 1.37 0.00	27.67 1.60 0.00	27.48 1.70 0.00	24.68 1.60 0.00	23.65 1.65 0.00	24.55 1.76 0.00	26.08 1.90 0.00	27.17 1.95 0.00	32.02 2.20 0.00	28.23 1.82 0.00	25.86 1.55 0.00	29.65 1.65 0.00	29.68 1.67 0.00	23.68 1.36 0.00	22.91 1.08 0.00

EAST_RIVER___7 23524	18.07 0.93 0.00	17.41 0.83 0.00	12.76 0.62 0.00	7.92 0.39 0.00	10.45 0.50 0.00	14.24 0.69 0.00	21.37 0.96 0.00	21.88 1.10 0.00	23.98 1.29 0.00	24.25 1.37 0.00	27.67 1.60 0.00	27.48 1.70 0.00	24.68 1.60 0.00	23.65 1.65 0.00	24.55 1.76 0.00	26.08 1.90 0.00	27.17 1.95 0.00	32.02 2.20 0.00	28.23 1.82 0.00	25.86 1.55 0.00	29.65 1.65 0.00	29.68 1.67 0.00	23.68 1.36 0.00	22.91 1.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.03 0.90 0.00	17.35 0.77 0.00	12.70 0.56 0.00	7.88 0.35 0.00	10.40 0.46 0.00	14.18 0.63 0.00	21.33 0.91 0.00	21.83 1.06 0.00	23.92 1.22 0.00	24.18 1.31 0.00	27.57 1.50 0.00	27.39 1.61 0.00	24.58 1.49 0.00	23.54 1.55 0.00	24.41 1.62 0.00	25.93 1.75 0.00	27.04 1.81 0.00	31.90 2.08 0.00	28.12 1.71 0.00	25.77 1.46 0.00	29.55 1.56 0.00	29.58 1.58 0.00	23.58 1.27 0.00	22.85 1.02 0.00
EAST_HAMPTON___DIESEL 23722	34.25 1.68 -15.44	27.22 1.53 -9.11	16.70 1.13 -3.44	8.20 0.68 0.00	10.83 0.89 0.00	14.83 1.25 -0.03	28.08 1.88 -5.78	31.74 2.06 -8.90	31.94 2.40 -6.85	51.70 2.56 -26.27	29.58 2.71 -0.80	28.90 2.82 -0.30	27.57 2.45 -2.04	26.46 2.38 -2.08	27.00 2.53 -1.68	29.02 2.74 -2.11	28.10 2.80 -0.08	32.99 3.18 0.00	29.29 2.88 0.00	28.75 2.70 -1.74	30.65 2.66 0.00	30.43 2.53 0.10	24.26 1.95 0.00	23.52 1.68 0.00
EAST_PULASKI___ESR 323781	16.98 -0.16 0.00	16.35 -0.22 0.00	11.96 -0.18 0.00	7.40 -0.13 0.00	9.77 -0.17 0.00	13.36 -0.19 0.00	20.24 -0.17 0.00	20.58 -0.20 0.00	22.44 -0.25 0.00	22.56 -0.31 0.00	25.76 -0.31 0.00	25.41 -0.37 0.00	22.69 -0.40 0.00	21.57 -0.42 0.00	22.38 -0.41 0.00	23.68 -0.50 0.00	24.70 -0.53 0.00	29.24 -0.59 0.00	26.00 -0.41 0.00	24.01 -0.29 0.00	27.84 -0.15 0.00	27.90 -0.11 0.00	22.17 -0.14 0.00	21.72 -0.11 0.00
EAST_RIVER___1 323558	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.38 0.97 0.00	21.89 1.12 0.00	24.00 1.30 0.00	24.27 1.40 0.00	27.68 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.67 1.68 0.00	24.56 1.76 0.00	26.08 1.90 0.00	27.16 1.94 0.00	32.02 2.20 0.00	28.22 1.81 0.00	25.84 1.53 0.00	29.63 1.64 0.00	29.67 1.66 0.00	23.68 1.37 0.00	22.91 1.08 0.00
EAST_RIVER___2 323559	18.07 0.93 0.00	17.41 0.83 0.00	12.76 0.62 0.00	7.92 0.39 0.00	10.45 0.50 0.00	14.24 0.69 0.00	21.37 0.96 0.00	21.88 1.10 0.00	23.98 1.29 0.00	24.25 1.37 0.00	27.67 1.60 0.00	27.48 1.70 0.00	24.68 1.60 0.00	23.65 1.65 0.00	24.55 1.76 0.00	26.08 1.90 0.00	27.17 1.95 0.00	32.02 2.20 0.00	28.23 1.82 0.00	25.86 1.55 0.00	29.65 1.65 0.00	29.68 1.67 0.00	23.68 1.36 0.00	22.91 1.08 0.00
EAST___DELAWARE_HYD 23607	17.56 0.43 0.00	16.91 0.33 0.00	12.36 0.22 0.00	7.68 0.16 0.00	10.14 0.19 0.00	13.81 0.27 0.00	20.82 0.41 0.00	21.29 0.52 0.00	23.27 0.58 0.00	23.49 0.62 0.00	26.89 0.82 0.00	26.61 0.83 0.00	23.84 0.75 0.00	22.72 0.73 0.00	23.64 0.85 0.00	25.14 0.96 0.00	26.32 1.10 0.00	31.13 1.31 0.00	27.49 1.08 0.00	25.24 0.94 0.00	29.01 1.02 0.00	28.93 0.92 0.00	23.03 0.72 0.00	22.32 0.48 0.00
EIGHT_POINT___WT_PWR 323820	16.47 -0.66 0.00	16.05 -0.53 0.00	11.74 -0.40 0.00	7.34 -0.18 0.00	9.84 -0.10 0.00	13.30 -0.25 0.00	20.31 -0.10 0.00	20.68 -0.10 0.00	22.88 0.19 0.00	23.06 0.19 0.00	26.22 0.14 0.00	25.85 0.07 0.00	23.13 0.05 0.00	21.98 -0.01 0.00	23.05 0.25 0.00	24.08 -0.10 0.00	25.02 -0.20 0.00	29.62 -0.20 0.00	26.22 -0.19 0.00	24.26 -0.05 0.00	27.97 -0.02 0.00	27.66 -0.34 0.00	21.79 -0.52 0.00	21.28 -0.56 0.00
ELBRIDGE_115KV_TB2 80188	17.00 -0.13 0.00	16.45 -0.12 0.00	12.04 -0.10 0.00	7.48 -0.05 0.00	9.90 -0.04 0.00	13.49 -0.06 0.00	20.35 -0.05 0.00	20.66 -0.12 0.00	22.55 -0.15 0.00	22.73 -0.14 0.00	25.94 -0.14 0.00	25.62 -0.16 0.00	22.90 -0.18 0.00	21.78 -0.21 0.00	22.63 -0.16 0.00	23.98 -0.20 0.00	25.01 -0.22 0.00	29.54 -0.28 0.00	26.15 -0.26 0.00	24.08 -0.22 0.00	27.77 -0.22 0.00	27.79 -0.21 0.00	22.12 -0.19 0.00	21.70 -0.14 0.00
ELEC_TRO_TEK 24086	33.74 1.17 -15.44	26.72 1.04 -9.11	16.33 0.76 -3.44	7.98 0.46 0.00	10.53 0.59 0.00	14.41 0.83 -0.03	27.43 1.24 -5.78	31.06 1.38 -8.90	31.15 1.61 -6.85	50.83 1.68 -26.27	28.67 1.80 -0.80	28.03 1.95 -0.30	26.89 1.76 -2.04	25.87 1.79 -2.08	26.37 1.89 -1.68	28.31 2.02 -2.11	27.36 2.06 -0.08	32.06 2.24 0.00	28.36 1.95 0.00	27.81 1.77 -1.74	29.75 1.76 0.00	29.85 1.78 -0.06	23.70 1.39 0.00	23.00 1.16 0.00
ELLENBURG_WT_PWR 323604	17.26 0.13 0.00	16.59 0.02 0.00	12.10 -0.04 0.00	7.42 -0.11 0.00	9.90 -0.04 0.00	13.75 0.20 0.00	20.97 0.56 0.00	21.41 0.63 0.00	23.06 0.37 0.00	23.02 0.15 0.00	26.40 0.32 0.00	25.96 0.18 0.00	23.30 0.22 0.00	22.29 0.30 0.00	23.21 0.42 0.00	24.61 0.44 0.00	25.83 0.60 0.00	30.57 0.75 0.00	27.11 0.70 0.00	25.02 0.72 0.00	28.80 0.81 0.00	28.78 0.78 0.00	22.96 0.65 0.00	22.46 0.63 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.56 -0.57 0.00	16.11 -0.46 0.00	11.86 -0.28 0.00	7.42 -0.11 0.00	9.85 -0.09 0.00	13.31 -0.23 0.00	20.16 -0.25 0.00	20.24 -0.54 0.00	22.20 -0.50 0.00	22.45 -0.42 0.00	25.75 -0.32 0.00	25.26 -0.52 0.00	22.57 -0.51 0.00	21.31 -0.68 0.00	22.29 -0.50 0.00	23.41 -0.77 0.00	24.20 -1.03 0.00	28.50 -1.32 0.00	25.36 -1.05 0.00	23.34 -0.96 0.00	27.11 -0.89 0.00	27.01 -0.99 0.00	21.49 -0.82 0.00	21.32 -0.51 0.00
EMPIRE_CC_1 323656	17.71 0.58 0.00	17.09 0.51 0.00	12.53 0.38 0.00	7.77 0.25 0.00	10.26 0.31 0.00	13.94 0.39 0.00	17.01 0.53 3.93	6.61 0.65 14.81	13.04 0.76 10.41	23.02 0.73 0.58	24.12 0.69 2.65	26.46 0.68 0.00	23.74 0.65 0.00	22.83 0.83 0.00	23.55 0.76 0.00	24.88 0.70 0.00	25.99 0.77 0.00	30.75 0.93 0.00	27.19 0.78 0.00	25.03 0.73 0.00	28.78 0.79 0.00	28.80 0.80 0.00	22.95 0.63 0.00	22.42 0.58 0.00
EMPIRE_CC_2 323658	17.71 0.58 0.00	17.09 0.51 0.00	12.53 0.38 0.00	7.77 0.25 0.00	10.26 0.31 0.00	13.94 0.39 0.00	17.01 0.53 3.93	6.61 0.65 14.81	13.04 0.76 10.41	23.02 0.73 0.58	24.12 0.69 2.65	26.46 0.68 0.00	23.74 0.65 0.00	22.83 0.83 0.00	23.55 0.76 0.00	24.88 0.70 0.00	25.99 0.77 0.00	30.75 0.93 0.00	27.19 0.78 0.00	25.03 0.73 0.00	28.78 0.79 0.00	28.80 0.80 0.00	22.95 0.63 0.00	22.42 0.58 0.00
ENORWICH_115KV_TB1 80156	17.96 0.83 0.00	17.31 0.73 0.00	12.66 0.52 0.00	7.87 0.34 0.00	10.41 0.46 0.00	14.24 0.69 0.00	21.66 1.25 0.00	22.13 1.35 0.00	24.11 1.42 0.00	23.71 0.84 0.00	27.38 1.31 0.00	27.25 1.47 0.00	24.25 1.17 0.00	23.09 1.10 0.00	24.04 1.25 0.00	25.51 1.33 0.00	26.56 1.33 0.00	31.70 1.88 0.00	28.07 1.66 0.00	26.05 1.74 0.00	30.15 2.16 0.00	30.06 2.06 0.00	23.81 1.50 0.00	23.14 1.30 0.00

ERIE_ST__34_KV_TB1-2 80199	16.74 -0.39 0.00	16.27 -0.31 0.00	11.96 -0.18 0.00	7.47 -0.05 0.00	9.93 -0.01 0.00	13.45 -0.10 0.00	20.37 -0.04 0.00	20.52 -0.26 0.00	22.52 -0.18 0.00	22.79 -0.08 0.00	26.17 0.09 0.00	25.65 -0.13 0.00	22.89 -0.19 0.00	21.63 -0.36 0.00	22.64 -0.15 0.00	23.77 -0.41 0.00	24.61 -0.62 0.00	28.99 -0.83 0.00	25.74 -0.67 0.00	23.69 -0.62 0.00	27.48 -0.51 0.00	27.38 -0.63 0.00	21.76 -0.55 0.00	21.53 -0.30 0.00
ERIE_WT_PWR 323693	16.63 -0.50 0.00	16.17 -0.41 0.00	11.90 -0.24 0.00	7.44 -0.08 0.00	9.89 -0.05 0.00	13.37 -0.17 0.00	20.27 -0.15 0.00	20.39 -0.39 0.00	22.34 -0.35 0.00	22.56 -0.31 0.00	25.88 -0.19 0.00	25.40 -0.38 0.00	22.71 -0.37 0.00	21.47 -0.52 0.00	22.46 -0.33 0.00	23.59 -0.59 0.00	24.39 -0.84 0.00	28.70 -1.12 0.00	25.49 -0.92 0.00	23.51 -0.79 0.00	27.30 -0.69 0.00	27.19 -0.81 0.00	21.62 -0.69 0.00	21.43 -0.40 0.00
ESPRGFLD_115KV_TB1 80157	17.93 0.80 0.00	17.35 0.78 0.00	12.69 0.55 0.00	7.85 0.33 0.00	10.37 0.43 0.00	14.18 0.63 0.00	21.54 1.13 0.00	22.59 1.12 -0.69	24.57 1.22 -0.66	24.12 1.25 0.00	27.66 1.59 0.00	27.35 1.57 0.00	24.45 1.37 0.00	23.13 1.14 0.00	24.05 1.26 0.00	25.45 1.27 0.00	26.49 1.26 0.00	31.31 1.48 0.00	27.82 1.41 0.00	25.64 1.33 0.00	29.58 1.59 0.00	29.68 1.68 0.00	23.60 1.29 0.00	23.10 1.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.30 0.17 0.00	16.73 0.16 0.00	12.26 0.11 0.00	7.61 0.08 0.00	10.08 0.14 0.00	13.75 0.20 0.00	20.79 0.38 0.00	21.13 0.35 0.00	23.05 0.36 0.00	23.15 0.28 0.00	26.41 0.34 0.00	26.15 0.36 0.00	23.36 0.28 0.00	22.25 0.26 0.00	23.12 0.33 0.00	24.45 0.27 0.00	25.50 0.27 0.00	30.23 0.40 0.00	26.78 0.37 0.00	24.72 0.41 0.00	28.55 0.56 0.00	28.53 0.53 0.00	22.67 0.35 0.00	22.14 0.30 0.00
ETNA____115KV_TB2 80207	17.30 0.17 0.00	16.73 0.16 0.00	12.26 0.11 0.00	7.61 0.08 0.00	10.08 0.14 0.00	13.75 0.20 0.00	20.79 0.38 0.00	21.13 0.35 0.00	23.05 0.36 0.00	23.15 0.28 0.00	26.41 0.34 0.00	26.15 0.36 0.00	23.36 0.28 0.00	22.25 0.26 0.00	23.12 0.33 0.00	24.45 0.27 0.00	25.50 0.27 0.00	30.23 0.40 0.00	26.78 0.37 0.00	24.72 0.41 0.00	28.55 0.56 0.00	28.53 0.53 0.00	22.67 0.35 0.00	22.14 0.30 0.00
EUCLID____115KV_TB2 356179	16.89 -0.24 0.00	16.34 -0.24 0.00	11.97 -0.17 0.00	7.43 -0.10 0.00	9.82 -0.12 0.00	13.38 -0.16 0.00	20.19 -0.22 0.00	20.49 -0.29 0.00	22.37 -0.33 0.00	22.55 -0.32 0.00	25.73 -0.34 0.00	25.44 -0.34 0.00	22.74 -0.34 0.00	21.63 -0.36 0.00	22.45 -0.34 0.00	23.77 -0.41 0.00	24.78 -0.45 0.00	29.30 -0.53 0.00	25.96 -0.45 0.00	23.90 -0.41 0.00	27.56 -0.43 0.00	27.54 -0.46 0.00	21.92 -0.39 0.00	21.52 -0.31 0.00
E_CANADA_CAP_HY 24051	18.26 1.13 0.00	17.69 1.11 0.00	12.93 0.79 0.00	7.99 0.46 0.00	10.54 0.60 0.00	14.41 0.86 0.00	21.94 1.53 0.00	23.18 1.49 -0.92	25.18 1.61 -0.88	24.44 1.57 0.00	28.00 1.92 0.00	27.62 1.84 0.00	24.63 1.55 0.00	23.24 1.25 0.00	24.19 1.40 0.00	25.67 1.49 0.00	26.76 1.53 0.00	31.62 1.80 0.00	28.18 1.77 0.00	25.98 1.67 0.00	30.01 2.02 0.00	30.19 2.18 0.00	23.99 1.68 0.00	23.50 1.67 0.00
E_CANADA_MHWK_HY 24050	17.10 -0.03 0.00	16.52 -0.06 0.00	12.12 -0.02 0.00	7.47 -0.06 0.00	9.89 -0.05 0.00	13.43 -0.12 0.00	20.17 -0.24 0.00	20.80 0.02 0.00	22.83 0.13 0.00	22.96 0.09 0.00	26.15 0.08 0.00	25.92 0.14 0.00	23.07 -0.01 0.00	22.24 0.24 0.00	22.86 0.07 0.00	24.10 -0.08 0.00	25.26 0.04 0.00	29.99 0.17 0.00	26.55 0.14 0.00	24.51 0.20 0.00	28.20 0.21 0.00	28.14 0.14 0.00	22.34 0.02 0.00	21.64 -0.19 0.00
E_FISHKILL____LBMP 23776	17.94 0.81 0.00	17.27 0.70 0.00	12.65 0.51 0.00	7.85 0.32 0.00	10.36 0.42 0.00	14.12 0.57 0.00	21.24 0.83 0.00	21.75 0.97 0.00	23.80 1.11 0.00	24.04 1.17 0.00	27.41 1.34 0.00	27.21 1.43 0.00	24.40 1.32 0.00	23.38 1.39 0.00	24.22 1.42 0.00	25.71 1.53 0.00	26.83 1.60 0.00	31.68 1.86 0.00	27.94 1.54 0.00	25.62 1.32 0.00	29.41 1.41 0.00	29.43 1.42 0.00	23.46 1.15 0.00	22.76 0.92 0.00
FALCON____SEABRD_CC1 323796	17.41 0.28 0.00	16.71 0.14 0.00	12.19 0.05 0.00	7.48 -0.04 0.00	9.98 0.04 0.00	13.85 0.30 0.00	21.16 0.75 0.00	21.64 0.87 0.00	23.30 0.61 0.00	23.26 0.39 0.00	26.66 0.59 0.00	26.21 0.43 0.00	23.52 0.44 0.00	22.52 0.53 0.00	23.48 0.69 0.00	24.85 0.67 0.00	26.10 0.87 0.00	30.93 1.11 0.00	27.40 0.99 0.00	25.29 0.99 0.00	29.09 1.10 0.00	29.05 1.04 0.00	23.17 0.86 0.00	22.67 0.83 0.00
FALCON____SEABRD_CC2 323797	17.41 0.28 0.00	16.71 0.14 0.00	12.19 0.05 0.00	7.48 -0.04 0.00	9.98 0.04 0.00	13.85 0.30 0.00	21.16 0.75 0.00	21.64 0.87 0.00	23.30 0.61 0.00	23.26 0.39 0.00	26.66 0.59 0.00	26.21 0.43 0.00	23.52 0.44 0.00	22.52 0.53 0.00	23.48 0.69 0.00	24.85 0.67 0.00	26.10 0.87 0.00	30.93 1.11 0.00	27.40 0.99 0.00	25.29 0.99 0.00	29.09 1.10 0.00	29.05 1.04 0.00	23.17 0.86 0.00	22.67 0.83 0.00
FAR ROCKAWAY____4 23548	33.95 1.37 -15.44	26.91 1.23 -9.11	16.47 0.89 -3.44	8.06 0.54 0.00	10.64 0.70 0.00	14.57 0.98 -0.03	27.68 1.49 -5.78	31.32 1.64 -8.90	31.46 1.92 -6.85	51.15 2.01 -26.27	29.05 2.18 -0.80	28.44 2.36 -0.30	27.24 2.12 -2.05	26.24 2.16 -2.08	26.69 2.22 -1.68	28.48 2.19 -2.11	27.43 2.12 -0.08	32.11 2.29 0.00	28.40 1.99 0.00	27.86 1.81 -1.74	30.02 2.03 0.00	30.52 2.22 -0.30	24.03 1.72 0.00	23.28 1.45 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.10 0.97 0.00	17.42 0.84 0.00	12.76 0.62 0.00	7.91 0.39 0.00	10.45 0.50 0.00	14.24 0.69 0.00	21.39 0.98 0.00	21.91 1.14 0.00	24.02 1.33 0.00	24.29 1.42 0.00	27.70 1.63 0.00	27.54 1.76 0.00	24.72 1.64 0.00	23.70 1.70 0.00	24.57 1.78 0.00	26.09 1.91 0.00	27.18 1.95 0.00	32.05 2.22 0.00	28.24 1.83 0.00	25.86 1.55 0.00	29.65 1.66 0.00	29.69 1.68 0.00	23.70 1.39 0.00	22.93 1.10 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.11 0.98 0.00	17.43 0.85 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.41 1.00 0.00	21.93 1.16 0.00	24.03 1.34 0.00	24.31 1.44 0.00	27.73 1.65 0.00	27.56 1.78 0.00	24.74 1.66 0.00	23.72 1.72 0.00	24.58 1.79 0.00	26.11 1.93 0.00	27.20 1.97 0.00	32.06 2.24 0.00	28.26 1.85 0.00	25.87 1.57 0.00	29.68 1.68 0.00	29.71 1.71 0.00	23.72 1.41 0.00	22.95 1.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.09 0.96 0.00	17.41 0.84 0.00	12.75 0.62 0.00	7.91 0.39 0.00	10.44 0.50 0.00	14.24 0.69 0.00	21.39 0.98 0.00	21.91 1.14 0.00	24.02 1.32 0.00	24.29 1.42 0.00	27.70 1.63 0.00	27.53 1.75 0.00	24.72 1.64 0.00	23.69 1.70 0.00	24.57 1.77 0.00	26.08 1.90 0.00	27.18 1.95 0.00	32.04 2.22 0.00	28.23 1.82 0.00	25.85 1.54 0.00	29.64 1.65 0.00	29.68 1.67 0.00	23.69 1.38 0.00	22.93 1.10 0.00

FARRAGUT____LBMP 323566	18.08 0.95 0.00	17.40 0.82 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.26 1.39 0.00	27.67 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.67 1.67 0.00	24.54 1.74 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.18 0.00	28.20 1.79 0.00	25.82 1.52 0.00	29.61 1.62 0.00	29.66 1.65 0.00	23.67 1.36 0.00	22.91 1.08 0.00
FENNER____WINDPWR 24204	17.29 0.16 0.00	16.69 0.12 0.00	12.23 0.09 0.00	7.57 0.04 0.00	10.01 0.07 0.00	13.67 0.12 0.00	20.67 0.26 0.00	21.05 0.27 0.00	23.01 0.32 0.00	23.20 0.33 0.00	26.43 0.36 0.00	26.18 0.40 0.00	23.42 0.34 0.00	22.30 0.31 0.00	23.14 0.35 0.00	24.50 0.32 0.00	25.54 0.31 0.00	30.25 0.43 0.00	26.83 0.42 0.00	24.75 0.45 0.00	28.60 0.60 0.00	28.55 0.54 0.00	22.67 0.36 0.00	22.15 0.32 0.00
FIBERTEK____ENERGY 23856	17.07 -0.06 0.00	16.51 -0.06 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.94 -0.01 0.00	13.54 -0.01 0.00	20.44 0.03 0.00	20.74 -0.04 0.00	22.64 -0.06 0.00	22.82 -0.05 0.00	26.03 -0.04 0.00	25.73 -0.05 0.00	23.00 -0.09 0.00	21.87 -0.12 0.00	22.73 -0.06 0.00	24.08 -0.10 0.00	25.11 -0.12 0.00	29.67 -0.15 0.00	26.27 -0.14 0.00	24.20 -0.11 0.00	27.90 -0.09 0.00	27.90 -0.11 0.00	22.19 -0.12 0.00	21.77 -0.07 0.00
FITZPATRICK____ 23598	16.69 -0.44 0.00	16.14 -0.43 0.00	11.83 -0.31 0.00	7.33 -0.19 0.00	9.70 -0.24 0.00	13.22 -0.33 0.00	19.93 -0.49 0.00	20.21 -0.56 0.00	22.05 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.70 0.00	22.10 -0.69 0.00	23.41 -0.77 0.00	24.41 -0.81 0.00	28.86 -0.96 0.00	25.57 -0.84 0.00	23.54 -0.76 0.00	27.13 -0.86 0.00	27.13 -0.87 0.00	21.61 -0.70 0.00	21.24 -0.60 0.00
FLOWRFLD_69_KV_BK1 356044	33.86 1.28 -15.44	26.84 1.15 -9.11	16.42 0.84 -3.44	8.02 0.50 0.00	10.59 0.65 0.00	14.50 0.92 -0.03	27.55 1.36 -5.78	31.19 1.51 -8.90	31.32 1.78 -6.85	51.02 1.88 -26.27	28.75 1.88 -0.80	28.05 1.97 -0.30	26.86 1.73 -2.04	25.85 1.77 -2.08	26.35 1.88 -1.68	28.28 1.99 -2.11	27.23 1.93 -0.08	31.88 2.06 0.00	28.30 1.89 0.00	27.90 1.85 -1.74	29.73 1.74 0.00	29.59 1.69 0.10	23.66 1.35 0.00	23.00 1.16 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.16 1.02 0.00	17.47 0.89 0.00	12.79 0.65 0.00	7.93 0.41 0.00	10.46 0.52 0.00	14.24 0.69 0.00	21.45 1.04 0.00	21.96 1.19 0.00	24.00 1.31 0.00	24.23 1.36 0.00	27.64 1.57 0.00	27.45 1.67 0.00	24.56 1.48 0.00	23.51 1.51 0.00	24.32 1.53 0.00	25.86 1.68 0.00	27.02 1.79 0.00	31.92 2.10 0.00	28.18 1.77 0.00	25.88 1.57 0.00	29.84 1.85 0.00	29.86 1.85 0.00	23.77 1.46 0.00	23.04 1.21 0.00
FORT ORANGE____ 23900	17.68 0.54 0.00	17.05 0.47 0.00	12.52 0.38 0.00	7.77 0.25 0.00	10.26 0.32 0.00	13.93 0.38 0.00	18.17 0.52 2.76	11.08 0.65 10.35	16.16 0.73 7.27	23.18 0.72 0.41	24.93 0.71 1.86	26.47 0.69 0.00	23.73 0.65 0.00	22.76 0.77 0.00	23.51 0.72 0.00	24.89 0.70 0.00	26.00 0.77 0.00	30.82 1.00 0.00	27.29 0.88 0.00	25.13 0.83 0.00	28.90 0.90 0.00	28.90 0.90 0.00	22.99 0.68 0.00	22.39 0.55 0.00
FORT_DRUM_COGEN 23780	17.38 0.25 0.00	16.56 -0.01 0.00	12.08 -0.06 0.00	7.40 -0.12 0.00	9.74 -0.21 0.00	13.43 -0.12 0.00	20.62 0.21 0.00	21.14 0.36 0.00	22.98 0.29 0.00	22.96 0.08 0.00	26.32 0.25 0.00	25.84 0.06 0.00	22.98 -0.11 0.00	21.86 -0.13 0.00	22.67 -0.12 0.00	24.04 -0.14 0.00	25.15 -0.07 0.00	29.77 -0.05 0.00	26.70 0.29 0.00	24.87 0.56 0.00	29.19 1.19 0.00	29.28 1.27 0.00	23.21 0.90 0.00	22.60 0.77 0.00
FPL_FAR_ROCK_GT1 24212	33.95 1.38 -15.44	26.91 1.23 -9.11	16.47 0.90 -3.44	8.06 0.54 0.00	10.64 0.70 0.00	14.57 0.98 -0.03	27.68 1.49 -5.78	31.32 1.64 -8.90	31.46 1.92 -6.85	51.15 2.01 -26.27	29.04 2.17 -0.80	28.43 2.34 -0.30	27.24 2.12 -2.05	26.24 2.16 -2.08	26.69 2.22 -1.68	28.49 2.20 -2.11	27.43 2.12 -0.08	32.11 2.29 0.00	28.41 1.99 0.00	27.86 1.81 -1.74	30.02 2.02 0.00	30.53 2.22 -0.30	24.03 1.72 0.00	23.28 1.45 0.00
FPL_FAR_ROCK_GT2 23815	33.95 1.38 -15.44	26.91 1.23 -9.11	16.47 0.90 -3.44	8.06 0.54 0.00	10.64 0.70 0.00	14.57 0.98 -0.03	27.68 1.49 -5.78	31.32 1.64 -8.90	31.46 1.92 -6.85	51.15 2.01 -26.27	29.04 2.17 -0.80	28.43 2.34 -0.30	27.24 2.12 -2.05	26.24 2.16 -2.08	26.69 2.22 -1.68	28.49 2.20 -2.11	27.43 2.12 -0.08	32.11 2.29 0.00	28.41 1.99 0.00	27.86 1.81 -1.74	30.02 2.02 0.00	30.53 2.22 -0.30	24.03 1.72 0.00	23.28 1.45 0.00
FRANKLIN_FALL_HYD 24054	17.42 0.29 0.00	16.75 0.18 0.00	12.23 0.09 0.00	7.50 -0.02 0.00	9.98 0.04 0.00	13.82 0.27 0.00	21.08 0.66 0.00	21.55 0.77 0.00	23.29 0.60 0.00	23.27 0.40 0.00	26.67 0.60 0.00	26.26 0.48 0.00	23.50 0.42 0.00	22.43 0.43 0.00	23.32 0.52 0.00	24.76 0.58 0.00	25.92 0.70 0.00	30.60 0.78 0.00	27.25 0.84 0.00	25.16 0.85 0.00	29.02 1.03 0.00	29.01 1.00 0.00	23.13 0.82 0.00	22.60 0.77 0.00
FREEPORT_EQUS_GT1 23764	33.84 1.27 -15.44	26.82 1.14 -9.11	16.40 0.83 -3.44	8.02 0.50 0.00	10.58 0.64 0.00	14.49 0.91 -0.03	27.54 1.35 -5.78	31.19 1.51 -8.90	31.32 1.78 -6.85	51.00 1.86 -26.27	28.81 1.93 -0.80	28.20 2.12 -0.30	27.02 1.90 -2.04	26.01 1.94 -2.08	26.49 2.02 -1.68	28.45 2.16 -2.11	27.44 2.14 -0.08	32.18 2.35 0.00	28.49 2.08 0.00	27.94 1.89 -1.74	29.87 1.88 0.00	30.03 1.99 -0.04	23.87 1.56 0.00	23.13 1.30 0.00
FREEPORT____CT2 23818	33.84 1.27 -15.44	26.82 1.14 -9.11	16.40 0.83 -3.44	8.02 0.50 0.00	10.58 0.64 0.00	14.49 0.91 -0.03	27.54 1.35 -5.78	31.19 1.51 -8.90	31.32 1.78 -6.85	51.00 1.86 -26.27	28.81 1.93 -0.80	28.20 2.12 -0.30	27.02 1.90 -2.04	26.01 1.94 -2.08	26.49 2.02 -1.68	28.45 2.16 -2.11	27.44 2.14 -0.08	32.18 2.35 0.00	28.49 2.08 0.00	27.94 1.89 -1.74	29.87 1.88 0.00	30.03 1.99 -0.04	23.87 1.56 0.00	23.13 1.30 0.00
FRESHKLS_33_KV_LOAD 356253	18.26 1.13 0.00	17.55 0.98 0.00	12.85 0.71 0.00	7.96 0.44 0.00	10.52 0.58 0.00	14.34 0.79 0.00	21.49 1.08 0.00	21.89 1.11 0.00	23.97 1.27 0.00	24.22 1.35 0.00	27.61 1.54 0.00	27.44 1.66 0.00	24.66 1.58 0.00	23.63 1.63 0.00	24.50 1.71 0.00	26.03 1.85 0.00	27.10 1.88 0.00	31.26 2.07 0.64	28.20 1.79 0.00	25.85 1.55 0.00	29.62 1.63 0.00	29.75 1.74 0.00	23.72 1.41 0.00	22.98 1.15 0.00
FULTON COGEN____ 23766	16.89 -0.24 0.00	16.32 -0.25 0.00	11.96 -0.18 0.00	7.42 -0.11 0.00	9.82 -0.13 0.00	13.38 -0.17 0.00	20.17 -0.24 0.00	20.47 -0.31 0.00	22.33 -0.36 0.00	22.51 -0.37 0.00	25.66 -0.41 0.00	25.37 -0.41 0.00	22.65 -0.43 0.00	21.55 -0.44 0.00	22.35 -0.44 0.00	23.66 -0.52 0.00	24.69 -0.54 0.00	29.23 -0.60 0.00	25.90 -0.51 0.00	23.84 -0.47 0.00	27.50 -0.49 0.00	27.48 -0.52 0.00	21.87 -0.44 0.00	21.48 -0.36 0.00

FULTON___LFGE 323630	18.69 1.56 0.00	18.04 1.47 0.00	13.22 1.08 0.00	8.16 0.63 0.00	10.78 0.84 0.00	14.76 1.21 0.00	22.66 2.05 -0.19	23.98 1.99 -1.21	25.85 2.18 -0.97	25.00 2.10 -0.03	28.61 2.41 -0.13	28.17 2.39 0.00	24.82 1.74 0.00	23.60 1.60 0.00	24.43 1.64 0.00	25.81 1.63 0.00	27.00 1.78 0.00	31.94 2.12 0.00	28.81 2.40 0.00	26.66 2.36 0.00	30.86 2.86 0.00	30.99 2.99 0.00	24.51 2.20 0.00	23.91 2.07 0.00
G.F.CEMENT___DRP 24184	18.66 1.53 0.00	17.94 1.36 0.00	13.13 0.99 0.00	8.14 0.62 0.00	10.77 0.82 0.00	14.65 1.10 0.00	24.34 1.77 -2.15	30.46 1.95 -7.73	30.14 2.11 -5.34	25.25 2.07 -0.32	29.82 2.30 -1.45	27.89 2.11 0.00	24.68 1.60 0.00	23.62 1.62 0.00	24.24 1.45 0.00	25.82 1.64 0.00	27.03 1.81 0.00	32.16 2.34 0.00	28.43 2.03 0.00	26.16 1.85 0.00	30.08 2.09 0.00	30.02 2.02 0.00	23.84 1.53 0.00	23.20 1.36 0.00
GARDENVILLE___LBMP 24039	16.59 -0.54 0.00	16.13 -0.44 0.00	11.87 -0.27 0.00	7.43 -0.10 0.00	9.87 -0.08 0.00	13.34 -0.21 0.00	20.21 -0.21 0.00	20.31 -0.47 0.00	22.29 -0.41 0.00	22.53 -0.34 0.00	25.85 -0.23 0.00	25.37 -0.41 0.00	22.67 -0.42 0.00	21.41 -0.58 0.00	22.40 -0.39 0.00	23.51 -0.67 0.00	24.30 -0.93 0.00	28.62 -1.20 0.00	25.44 -0.96 0.00	23.43 -0.88 0.00	27.20 -0.79 0.00	27.10 -0.90 0.00	21.55 -0.76 0.00	21.36 -0.47 0.00
GARDNVLA_35_KV_LD 355827	16.65 -0.48 0.00	16.20 -0.38 0.00	11.92 -0.22 0.00	7.45 -0.07 0.00	9.90 -0.04 0.00	13.39 -0.16 0.00	20.29 -0.12 0.00	20.39 -0.38 0.00	22.37 -0.33 0.00	22.61 -0.26 0.00	25.94 -0.14 0.00	25.46 -0.32 0.00	22.76 -0.32 0.00	21.50 -0.49 0.00	22.50 -0.30 0.00	23.61 -0.57 0.00	24.42 -0.81 0.00	28.76 -1.07 0.00	25.57 -0.84 0.00	23.54 -0.76 0.00	27.34 -0.65 0.00	27.24 -0.76 0.00	21.66 -0.65 0.00	21.47 -0.36 0.00
GELCKHM___115KV_LOAD 80723	16.97 -0.16 0.00	16.40 -0.17 0.00	12.02 -0.12 0.00	7.46 -0.07 0.00	9.87 -0.07 0.00	13.45 -0.10 0.00	20.29 -0.12 0.00	20.59 -0.19 0.00	22.48 -0.21 0.00	22.66 -0.21 0.00	25.86 -0.22 0.00	25.54 -0.24 0.00	22.84 -0.25 0.00	21.71 -0.28 0.00	22.56 -0.23 0.00	23.89 -0.29 0.00	24.91 -0.31 0.00	29.45 -0.37 0.00	26.09 -0.32 0.00	24.02 -0.29 0.00	27.70 -0.29 0.00	27.68 -0.32 0.00	22.03 -0.28 0.00	21.62 -0.22 0.00
GENERAL___MILLS 23808	16.63 -0.50 0.00	16.17 -0.41 0.00	11.89 -0.24 0.00	7.44 -0.08 0.00	9.89 -0.06 0.00	13.37 -0.18 0.00	20.25 -0.16 0.00	20.36 -0.42 0.00	22.33 -0.37 0.00	22.57 -0.30 0.00	25.89 -0.19 0.00	25.41 -0.36 0.00	22.70 -0.38 0.00	21.46 -0.54 0.00	22.44 -0.35 0.00	23.56 -0.63 0.00	24.36 -0.87 0.00	28.68 -1.14 0.00	25.50 -0.91 0.00	23.49 -0.82 0.00	27.27 -0.72 0.00	27.17 -0.84 0.00	21.61 -0.70 0.00	21.42 -0.42 0.00
GE_PLASTICS___DRP 24183	17.63 0.50 0.00	17.02 0.44 0.00	12.49 0.35 0.00	7.75 0.23 0.00	10.24 0.29 0.00	13.90 0.35 0.00	18.97 0.48 1.91	14.23 0.60 7.14	18.36 0.68 5.01	23.26 0.68 0.28	25.48 0.69 1.28	26.47 0.69 0.00	23.72 0.65 0.00	22.74 0.75 0.00	23.51 0.72 0.00	24.90 0.72 0.00	26.00 0.77 0.00	30.78 0.96 0.00	27.23 0.82 0.00	25.06 0.75 0.00	28.80 0.81 0.00	28.80 0.80 0.00	22.94 0.63 0.00	22.35 0.51 0.00
GILBOA___1 23756	17.62 0.49 0.00	17.07 0.49 0.00	12.51 0.37 0.00	7.78 0.25 0.00	10.28 0.34 0.00	13.94 0.39 0.00	20.92 0.51 0.00	21.37 0.60 0.00	23.38 0.69 0.00	23.59 0.72 0.00	26.87 0.79 0.00	26.60 0.82 0.00	23.82 0.74 0.00	22.79 0.79 0.00	23.59 0.80 0.00	25.01 0.83 0.00	26.10 0.87 0.00	30.86 1.04 0.00	27.27 0.86 0.00	25.08 0.77 0.00	28.83 0.84 0.00	28.80 0.80 0.00	22.98 0.66 0.00	22.38 0.55 0.00
GILBOA___2 23757	17.62 0.49 0.00	17.07 0.49 0.00	12.51 0.37 0.00	7.78 0.25 0.00	10.28 0.34 0.00	13.94 0.39 0.00	20.92 0.51 0.00	21.37 0.60 0.00	23.38 0.69 0.00	23.59 0.72 0.00	26.87 0.79 0.00	26.60 0.82 0.00	23.82 0.74 0.00	22.79 0.79 0.00	23.59 0.80 0.00	25.01 0.83 0.00	26.10 0.87 0.00	30.86 1.04 0.00	27.27 0.86 0.00	25.08 0.77 0.00	28.83 0.84 0.00	28.80 0.80 0.00	22.98 0.66 0.00	22.38 0.55 0.00
GILBOA___3 23758	17.62 0.49 0.00	17.07 0.49 0.00	12.51 0.37 0.00	7.78 0.25 0.00	10.28 0.34 0.00	13.94 0.39 0.00	20.92 0.51 0.00	21.37 0.60 0.00	23.38 0.69 0.00	23.59 0.72 0.00	26.87 0.79 0.00	26.60 0.82 0.00	23.82 0.74 0.00	22.79 0.79 0.00	23.59 0.80 0.00	25.01 0.83 0.00	26.10 0.87 0.00	30.86 1.04 0.00	27.27 0.86 0.00	25.08 0.77 0.00	28.83 0.84 0.00	28.80 0.80 0.00	22.98 0.66 0.00	22.38 0.55 0.00
GILBOA___4 23759	17.62 0.49 0.00	17.07 0.49 0.00	12.51 0.37 0.00	7.78 0.25 0.00	10.28 0.34 0.00	13.94 0.39 0.00	20.92 0.51 0.00	21.37 0.60 0.00	23.38 0.69 0.00	23.59 0.72 0.00	26.87 0.79 0.00	26.60 0.82 0.00	23.82 0.74 0.00	22.79 0.79 0.00	23.59 0.80 0.00	25.01 0.83 0.00	26.10 0.87 0.00	30.86 1.04 0.00	27.27 0.86 0.00	25.08 0.77 0.00	28.83 0.84 0.00	28.80 0.80 0.00	22.98 0.66 0.00	22.38 0.55 0.00
GILBOA___ 23599	17.62 0.49 0.00	17.07 0.49 0.00	12.51 0.37 0.00	7.78 0.25 0.00	10.28 0.34 0.00	13.94 0.39 0.00	20.92 0.51 0.00	21.37 0.60 0.00	23.38 0.69 0.00	23.59 0.72 0.00	26.87 0.79 0.00	26.60 0.82 0.00	23.82 0.74 0.00	22.79 0.80 0.00	23.59 0.80 0.00	25.00 0.83 0.00	26.10 0.87 0.00	30.86 1.04 0.00	27.27 0.86 0.00	25.08 0.77 0.00	28.83 0.84 0.00	28.81 0.80 0.00	22.98 0.66 0.00	22.38 0.55 0.00
GINNA___ 23603	16.11 -1.02 0.00	15.61 -0.96 0.00	11.46 -0.68 0.00	7.13 -0.40 0.00	9.45 -0.49 0.00	12.84 -0.71 0.00	19.43 -0.98 0.00	19.63 -1.15 0.00	21.46 -1.23 0.00	21.68 -1.19 0.00	24.81 -1.27 0.00	24.42 -1.36 0.00	21.80 -1.28 0.00	20.66 -1.33 0.00	21.51 -1.29 0.00	22.71 -1.47 0.00	23.61 -1.61 0.00	27.91 -1.91 0.00	24.81 -1.60 0.00	22.83 -1.48 0.00	26.39 -1.61 0.00	26.33 -1.68 0.00	20.93 -1.39 0.00	20.63 -1.20 0.00
GLEN PARK___ 23778	17.46 0.33 0.00	16.63 0.06 0.00	12.13 -0.01 0.00	7.44 -0.09 0.00	9.79 -0.15 0.00	13.49 -0.05 0.00	20.73 0.31 0.00	21.22 0.44 0.00	23.04 0.34 0.00	23.00 0.13 0.00	26.40 0.33 0.00	25.87 0.09 0.00	22.99 -0.08 0.00	21.87 -0.12 0.00	22.67 -0.12 0.00	24.04 -0.14 0.00	25.14 -0.09 0.00	29.76 -0.06 0.00	26.70 0.29 0.00	24.90 0.59 0.00	29.32 1.33 0.00	29.43 1.42 0.00	23.30 0.99 0.00	22.69 0.85 0.00
GLENDALE_27_KV_LOAD 356172	18.18 1.05 0.00	17.48 0.90 0.00	12.81 0.67 0.00	7.95 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.47 1.06 0.00	21.99 1.22 0.00	24.12 1.43 0.00	24.40 1.53 0.00	27.83 1.76 0.00	27.66 1.88 0.00	24.84 1.75 0.00	23.80 1.80 0.00	24.67 1.88 0.00	26.21 2.03 0.00	27.32 2.09 0.00	32.20 2.38 0.00	28.38 1.97 0.00	25.99 1.68 0.00	29.80 1.81 0.00	29.83 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00

GLENWOOD_IC_1_G5 23712	33.71 1.14 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.98 0.45 0.00	10.53 0.59 0.00	14.40 0.81 -0.03	27.40 1.20 -5.78	31.02 1.34 -8.90	30.95 1.41 -6.85	50.64 1.50 -26.27	28.55 1.68 -0.80	27.93 1.85 -0.30	26.97 1.84 -2.04	25.95 1.88 -2.08	26.44 1.96 -1.68	28.39 2.10 -2.11	27.31 2.01 -0.08	32.06 2.24 0.00	28.31 1.90 0.00	27.71 1.66 -1.74	29.69 1.70 0.00	29.87 1.86 -0.01	23.77 1.46 0.00	23.04 1.21 0.00
GLENWOOD_IC_2_G1 23688	33.62 1.04 -15.44	26.61 0.92 -9.11	16.25 0.67 -3.44	7.94 0.41 0.00	10.48 0.53 0.00	14.32 0.74 -0.03	27.29 1.09 -5.78	30.91 1.24 -8.90	30.96 1.42 -6.85	50.65 1.51 -26.27	28.56 1.69 -0.80	27.90 1.82 -0.30	26.81 1.68 -2.04	25.82 1.75 -2.08	26.29 1.82 -1.68	28.23 1.95 -2.11	27.29 1.98 -0.08	32.05 2.23 0.00	28.29 1.88 0.00	27.70 1.65 -1.74	29.71 1.72 0.00	29.75 1.75 0.01	23.69 1.38 0.00	22.96 1.12 0.00
GLENWOOD_IC_3_G1 23689	33.62 1.04 -15.44	26.61 0.92 -9.11	16.25 0.67 -3.44	7.94 0.41 0.00	10.48 0.53 0.00	14.32 0.74 -0.03	27.29 1.09 -5.78	30.91 1.24 -8.90	30.96 1.42 -6.85	50.65 1.51 -26.27	28.56 1.69 -0.80	27.90 1.82 -0.30	26.81 1.68 -2.04	25.82 1.75 -2.08	26.29 1.82 -1.68	28.23 1.95 -2.11	27.29 1.98 -0.08	32.05 2.23 0.00	28.29 1.88 0.00	27.70 1.65 -1.74	29.71 1.72 0.00	29.75 1.75 0.01	23.69 1.38 0.00	22.96 1.12 0.00
GLENWOOD___4 23550	33.71 1.14 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.98 0.45 0.00	10.53 0.59 0.00	14.40 0.81 -0.03	27.40 1.20 -5.78	31.03 1.35 -8.90	31.01 1.47 -6.85	50.70 1.56 -26.27	28.62 1.75 -0.80	27.99 1.91 -0.30	26.97 1.84 -2.04	25.95 1.88 -2.08	26.44 1.96 -1.68	28.39 2.11 -2.11	27.37 2.07 -0.08	32.13 2.31 0.00	28.38 1.97 0.00	27.78 1.73 -1.74	29.75 1.76 0.00	29.89 1.87 -0.01	23.77 1.46 0.00	23.04 1.21 0.00
GLENWOOD___5 23614	33.71 1.14 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.98 0.45 0.00	10.53 0.59 0.00	14.40 0.81 -0.03	27.40 1.20 -5.78	31.03 1.35 -8.90	31.01 1.47 -6.85	50.70 1.56 -26.27	28.62 1.75 -0.80	27.99 1.91 -0.30	26.97 1.84 -2.04	25.95 1.88 -2.08	26.44 1.96 -1.68	28.39 2.11 -2.11	27.37 2.07 -0.08	32.13 2.31 0.00	28.38 1.97 0.00	27.78 1.73 -1.74	29.75 1.76 0.00	29.89 1.87 -0.01	23.77 1.46 0.00	23.04 1.21 0.00
GLOBAL GREEN_PORT_GT1 23814	34.21 1.64 -15.44	27.19 1.50 -9.11	16.67 1.09 -3.44	8.18 0.66 0.00	10.81 0.86 0.00	14.80 1.22 -0.03	28.03 1.83 -5.78	31.69 2.01 -8.90	31.89 2.35 -6.85	51.65 2.51 -26.27	29.51 2.64 -0.80	28.82 2.74 -0.30	27.50 2.38 -2.04	26.39 2.32 -2.08	26.95 2.48 -1.68	28.96 2.68 -2.11	28.06 2.76 -0.08	32.94 3.12 0.00	29.24 2.83 0.00	28.70 2.65 -1.74	30.61 2.62 0.00	30.38 2.48 0.10	24.22 1.91 0.00	23.48 1.64 0.00
GLOBE___DSASP 323697	15.80 -1.33 0.00	15.38 -1.20 0.00	11.36 -0.78 0.00	7.14 -0.39 0.00	9.40 -0.54 0.00	12.68 -0.87 0.00	19.22 -1.20 0.00	19.21 -1.56 0.00	21.06 -1.63 0.00	21.30 -1.57 0.00	24.42 -1.65 0.00	23.93 -1.85 0.00	21.39 -1.69 0.00	20.14 -1.85 0.01	21.05 -1.73 0.00	22.08 -2.09 0.02	22.84 -2.37 0.02	26.92 -2.88 0.02	24.00 -2.41 0.00	22.09 -2.22 0.00	25.66 -2.33 0.00	25.60 -2.41 0.00	20.39 -1.92 0.00	20.32 -1.52 0.00
GOETHSLN___LBMP 323567	17.99 0.86 0.00	17.30 0.73 0.00	12.67 0.53 0.00	7.86 0.34 0.00	10.38 0.43 0.00	14.15 0.60 0.00	21.25 0.84 0.00	21.77 1.00 0.00	23.86 1.17 0.00	24.12 1.25 0.00	27.52 1.44 0.00	27.38 1.60 0.00	24.58 1.50 0.00	23.56 1.56 0.00	24.42 1.63 0.00	25.92 1.74 0.00	26.98 1.76 0.00	31.15 1.97 0.64	28.02 1.62 0.00	25.66 1.35 0.00	29.44 1.45 0.00	29.51 1.50 0.00	23.58 1.27 0.00	22.82 0.99 0.00
GOLAH___69_KV_TB 1_2 80279	16.93 -0.20 0.00	16.44 -0.13 0.00	12.06 -0.07 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.47 0.06 0.00	20.60 -0.17 0.00	22.55 -0.14 0.00	22.78 -0.09 0.00	26.08 0.00 0.00	25.67 -0.11 0.00	22.89 -0.19 0.00	21.67 -0.32 0.00	22.55 -0.24 0.00	23.76 -0.42 0.00	24.70 -0.53 0.00	29.21 -0.61 0.00	25.98 -0.43 0.00	23.91 -0.40 0.00	27.68 -0.31 0.00	27.60 -0.40 0.00	21.96 -0.35 0.00	21.69 -0.15 0.00
GOODYEAR_LAKE_HYD 323669	17.71 0.58 0.00	17.12 0.54 0.00	12.53 0.39 0.00	7.77 0.25 0.00	10.27 0.33 0.00	14.00 0.46 0.00	21.18 0.77 0.00	21.59 0.82 0.00	23.61 0.91 0.00	23.83 0.97 0.00	27.25 1.18 0.00	26.98 1.21 0.00	24.14 1.06 0.00	22.98 0.98 0.00	23.84 1.05 0.00	25.21 1.03 0.00	26.28 1.05 0.00	31.05 1.23 0.00	27.50 1.09 0.00	25.32 1.02 0.00	29.16 1.17 0.00	29.19 1.18 0.00	23.22 0.91 0.00	22.65 0.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.13 0.00 0.00	16.59 0.02 0.00	12.16 0.02 0.00	7.55 0.03 0.00	10.02 0.08 0.00	13.65 0.11 0.00	20.61 0.20 0.00	21.01 0.23 0.00	22.97 0.28 0.00	23.21 0.34 0.00	26.49 0.42 0.00	26.17 0.39 0.00	23.36 0.28 0.00	22.26 0.27 0.00	23.17 0.38 0.00	24.46 0.29 0.00	25.48 0.25 0.00	30.10 0.27 0.00	26.58 0.18 0.00	24.48 0.17 0.00	28.25 0.25 0.00	28.22 0.22 0.00	22.45 0.14 0.00	21.89 0.06 0.00
GOUDEY___7 23579	17.14 0.01 0.00	16.60 0.03 0.00	12.17 0.03 0.00	7.56 0.03 0.00	10.03 0.08 0.00	13.66 0.11 0.00	20.63 0.22 0.00	21.03 0.25 0.00	22.99 0.29 0.00	23.23 0.37 0.00	26.51 0.44 0.00	26.20 0.42 0.00	23.39 0.30 0.00	22.29 0.29 0.00	23.20 0.41 0.00	24.49 0.31 0.00	25.50 0.28 0.00	30.13 0.30 0.00	26.61 0.20 0.00	24.50 0.20 0.00	28.27 0.28 0.00	28.25 0.24 0.00	22.47 0.16 0.00	21.91 0.08 0.00
GOUDEY___8 23580	17.13 0.00 0.00	16.59 0.02 0.00	12.16 0.02 0.00	7.55 0.03 0.00	10.02 0.08 0.00	13.65 0.11 0.00	20.61 0.20 0.00	21.01 0.23 0.00	22.97 0.28 0.00	23.21 0.34 0.00	26.49 0.42 0.00	26.17 0.39 0.00	23.36 0.28 0.00	22.26 0.27 0.00	23.17 0.38 0.00	24.46 0.29 0.00	25.48 0.25 0.00	30.10 0.27 0.00	26.58 0.18 0.00	24.48 0.17 0.00	28.25 0.25 0.00	28.22 0.22 0.00	22.45 0.14 0.00	21.89 0.06 0.00
GOWANUS_GT1_1 24077	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT1_2 24078	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00

GOWANUS_GT1_3 24079	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.18</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.46</u> 0.00	27.75 <u>1.68</u> 0.00	27.60 <u>1.82</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.79 <u>1.48</u> 0.00	23.03 <u>1.19</u> 0.00
GOWANUS_GT1_4 24080	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.18</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.46</u> 0.00	27.75 <u>1.68</u> 0.00	27.60 <u>1.82</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.79 <u>1.48</u> 0.00	23.03 <u>1.19</u> 0.00
GOWANUS_GT1_5 24084	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.18</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.46</u> 0.00	27.75 <u>1.68</u> 0.00	27.60 <u>1.82</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.79 <u>1.48</u> 0.00	23.03 <u>1.19</u> 0.00
GOWANUS_GT1_6 24111	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.18</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.46</u> 0.00	27.75 <u>1.68</u> 0.00	27.60 <u>1.82</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.79 <u>1.48</u> 0.00	23.03 <u>1.19</u> 0.00
GOWANUS_GT1_7 24112	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.18</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.46</u> 0.00	27.75 <u>1.68</u> 0.00	27.60 <u>1.82</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.79 <u>1.48</u> 0.00	23.03 <u>1.19</u> 0.00
GOWANUS_GT1_8 24113	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.18</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.46</u> 0.00	27.75 <u>1.68</u> 0.00	27.60 <u>1.82</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.79 <u>1.48</u> 0.00	23.03 <u>1.19</u> 0.00
GOWANUS_GT2_1 24114	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT2_2 24115	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT2_3 24116	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT2_4 24117	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT2_5 24118	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT2_6 24119	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT2_7 24120	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT2_8 24121	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00
GOWANUS_GT3_1 24122	18.20 <u>1.07</u> 0.00	17.49 <u>0.92</u> 0.00	12.81 <u>0.67</u> 0.00	7.94 <u>0.42</u> 0.00	10.49 <u>0.54</u> 0.00	14.29 <u>0.74</u> 0.00	21.46 <u>1.05</u> 0.00	21.95 <u>1.17</u> 0.00	24.06 <u>1.37</u> 0.00	24.33 <u>1.47</u> 0.00	27.75 <u>1.68</u> 0.00	27.59 <u>1.81</u> 0.00	24.78 <u>1.70</u> 0.00	23.75 <u>1.76</u> 0.00	24.62 <u>1.83</u> 0.00	26.16 <u>1.97</u> 0.00	27.25 <u>2.03</u> 0.00	32.10 <u>2.28</u> 0.00	28.32 <u>1.91</u> 0.00	25.96 <u>1.65</u> 0.00	29.76 <u>1.77</u> 0.00	29.84 <u>1.83</u> 0.00	23.80 <u>1.48</u> 0.00	23.02 <u>1.19</u> 0.00

GOWANUS_GT3_2 24123	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
GOWANUS_GT3_3 24124	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
GOWANUS_GT3_4 24125	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
GOWANUS_GT3_5 24126	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
GOWANUS_GT3_6 24127	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
GOWANUS_GT3_7 24128	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
GOWANUS_GT3_8 24129	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
GOWANUS_GT4_1 24130	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT4_2 24131	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT4_3 24132	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT4_4 24133	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT4_5 24134	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT4_6 24135	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT4_7 24136	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GOWANUS_GT4_8 24137	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00

GREENBSH_115KV_TB3 55895	17.58 0.45 0.00	16.96 0.39 0.00	12.46 0.32 0.00	7.74 0.21 0.00	10.21 0.27 0.00	13.86 0.31 0.00	17.89 0.40 2.91	10.37 0.53 10.93	15.62 0.60 7.67	23.03 0.59 0.43	24.69 0.58 1.96	26.36 0.58 0.00	23.63 0.55 0.00	22.67 0.68 0.00	23.42 0.63 0.00	24.80 0.62 0.00	25.91 0.68 0.00	30.69 0.86 0.00	27.13 0.73 0.00	24.97 0.67 0.00	28.71 0.72 0.00	28.71 0.71 0.00	22.85 0.54 0.00	22.26 0.43 0.00
GREENDGE_115KV_TB5 80291	16.96 -0.17 0.00	16.42 -0.15 0.00	12.03 -0.10 0.00	7.48 -0.05 0.00	9.95 0.01 0.00	13.55 0.00 0.00	20.61 0.20 0.00	20.99 0.21 0.00	22.94 0.24 0.00	23.12 0.25 0.00	26.42 0.34 0.00	26.10 0.32 0.00	23.29 0.21 0.00	22.13 0.13 0.00	23.09 0.30 0.00	24.27 0.09 0.00	25.31 0.09 0.00	29.93 0.11 0.00	26.48 0.07 0.00	24.40 0.10 0.00	28.21 0.22 0.00	28.13 0.12 0.00	22.32 0.01 0.00	21.83 -0.01 0.00
GREENIDGE___3 23582	16.96 -0.17 0.00	16.42 -0.15 0.00	12.03 -0.10 0.00	7.48 -0.05 0.00	9.95 0.01 0.00	13.55 0.00 0.00	20.61 0.20 0.00	20.99 0.21 0.00	22.94 0.24 0.00	23.12 0.25 0.00	26.42 0.34 0.00	26.10 0.32 0.00	23.29 0.21 0.00	22.13 0.13 0.00	23.09 0.30 0.00	24.27 0.09 0.00	25.31 0.09 0.00	29.93 0.11 0.00	26.48 0.07 0.00	24.40 0.10 0.00	28.21 0.22 0.00	28.13 0.12 0.00	22.32 0.01 0.00	21.83 -0.01 0.00
GREENIDGE___4 23583	16.96 -0.17 0.00	16.42 -0.15 0.00	12.04 -0.10 0.00	7.48 -0.05 0.00	9.95 0.01 0.00	13.55 0.00 0.00	20.61 0.20 0.00	20.99 0.21 0.00	22.94 0.24 0.00	23.12 0.25 0.00	26.42 0.34 0.00	26.10 0.32 0.00	23.29 0.22 0.00	22.13 0.13 0.00	23.09 0.30 0.00	24.28 0.10 0.00	25.32 0.09 0.00	29.92 0.10 0.00	26.48 0.07 0.00	24.41 0.10 0.00	28.21 0.22 0.00	28.14 0.13 0.00	22.31 0.00 0.00	21.83 -0.01 0.00
GREENLWN_69_KV_BK 3 55738	33.73 1.16 -15.44	26.72 1.04 -9.11	16.33 0.75 -3.44	7.98 0.45 0.00	10.52 0.58 0.00	14.41 0.83 -0.03	27.40 1.20 -5.78	30.99 1.31 -8.90	31.10 1.56 -6.85	50.77 1.64 -26.27	28.50 1.62 -0.80	27.85 1.77 -0.30	26.71 1.59 -2.04	25.70 1.63 -2.08	26.20 1.72 -1.68	28.14 1.85 -2.11	27.20 1.89 -0.08	31.77 1.95 0.00	28.13 1.72 0.00	27.63 1.58 -1.74	29.46 1.47 0.00	29.35 1.44 0.10	23.44 1.13 0.00	22.78 0.94 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00
GRISSOM___SOLAR 323813	18.69 1.56 0.00	18.04 1.47 0.00	13.22 1.08 0.00	8.16 0.63 0.00	10.78 0.84 0.00	14.76 1.21 0.00	22.66 2.05 -0.19	23.98 1.99 -1.21	25.85 2.18 -0.97	25.00 2.10 -0.03	28.61 2.41 -0.13	28.17 2.39 0.00	24.82 1.74 0.00	23.60 1.60 0.00	24.43 1.64 0.00	25.81 1.63 0.00	27.00 1.78 0.00	31.94 2.12 0.00	28.81 2.40 0.00	26.66 2.36 0.00	30.86 2.86 0.00	30.99 2.99 0.00	24.51 2.20 0.00	23.91 2.07 0.00
GROVEVILLE___HYD 323602	18.16 1.02 0.00	17.47 0.89 0.00	12.79 0.65 0.00	7.93 0.41 0.00	10.46 0.52 0.00	14.24 0.69 0.00	21.45 1.04 0.00	21.96 1.19 0.00	24.00 1.31 0.00	24.23 1.36 0.00	27.64 1.57 0.00	27.45 1.67 0.00	24.56 1.48 0.00	23.51 1.51 0.00	24.32 1.53 0.00	25.86 1.68 0.00	27.02 1.79 0.00	31.92 2.10 0.00	28.18 1.77 0.00	25.88 1.57 0.00	29.84 1.85 0.00	29.86 1.85 0.00	23.77 1.46 0.00	23.04 1.21 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.07 -0.06 0.00	16.51 -0.06 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.94 -0.01 0.00	13.54 -0.01 0.00	20.44 0.03 0.00	20.74 -0.04 0.00	22.64 -0.06 0.00	22.82 -0.05 0.00	26.03 -0.04 0.00	25.73 -0.05 0.00	23.00 -0.09 0.00	21.87 -0.12 0.00	22.73 -0.06 0.00	24.08 -0.10 0.00	25.11 -0.12 0.00	29.67 -0.15 0.00	26.27 -0.14 0.00	24.20 -0.11 0.00	27.90 -0.09 0.00	27.90 -0.11 0.00	22.19 -0.12 0.00	21.77 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	17.10 -0.04 0.00	16.54 -0.04 0.00	12.10 -0.04 0.00	7.51 -0.02 0.00	9.94 0.00 0.00	13.55 0.00 0.00	20.45 0.04 0.00	20.75 -0.03 0.00	22.66 -0.03 0.00	22.84 -0.03 0.00	26.08 0.00 0.00	25.74 -0.03 0.00	23.01 -0.07 0.00	21.89 -0.11 0.00	22.76 -0.03 0.00	24.11 -0.07 0.00	25.14 -0.08 0.00	29.75 -0.08 0.00	26.34 -0.07 0.00	24.25 -0.06 0.00	27.96 -0.03 0.00	27.97 -0.04 0.00	22.24 -0.07 0.00	21.81 -0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	17.33 0.19 0.00	16.63 0.05 0.00	12.14 0.00 0.00	7.46 -0.07 0.00	9.82 -0.12 0.00	13.52 -0.02 0.00	20.66 0.25 0.00	21.17 0.39 0.00	23.05 0.35 0.00	23.07 0.20 0.00	26.43 0.35 0.00	26.02 0.24 0.00	23.17 0.09 0.00	22.04 0.04 0.00	22.86 0.07 0.00	24.31 0.13 0.00	25.33 0.10 0.00	29.77 -0.05 0.00	26.76 0.35 0.00	24.83 0.52 0.00	28.86 0.86 0.00	28.90 0.90 0.00	23.00 0.69 0.00	22.45 0.62 0.00
HARDSCRABBLE_WT_PWR 323673	17.05 -0.08 0.00	16.49 -0.08 0.00	12.11 -0.03 0.00	7.43 -0.10 0.00	9.83 -0.11 0.00	13.36 -0.18 0.00	20.12 -0.29 0.00	20.75 -0.03 0.00	22.77 0.07 0.00	22.92 0.05 0.00	26.16 0.09 0.00	25.95 0.17 0.00	23.13 0.05 0.00	22.25 0.25 0.00	22.89 0.10 0.00	24.16 -0.02 0.00	25.31 0.09 0.00	30.03 0.21 0.00	26.58 0.17 0.00	24.51 0.21 0.00	28.22 0.22 0.00	28.17 0.17 0.00	22.38 0.07 0.00	21.72 -0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.95 0.82 0.00	17.27 0.70 0.00	12.65 0.51 0.00	7.85 0.32 0.00	10.36 0.42 0.00	14.12 0.57 0.00	21.25 0.84 0.00	21.75 0.97 0.00	23.82 1.13 0.00	24.07 1.20 0.00	27.48 1.41 0.00	27.34 1.56 0.00	24.50 1.42 0.00	23.48 1.48 0.00	24.30 1.51 0.00	25.83 1.65 0.00	26.97 1.74 0.00	31.83 2.01 0.00	28.07 1.66 0.00	25.71 1.41 0.00	29.50 1.51 0.00	29.53 1.52 0.00	23.51 1.20 0.00	22.78 0.94 0.00
HARSNRAD_115KV_TB1 81005	16.48 -0.65 0.00	16.04 -0.54 0.00	11.81 -0.32 0.00	7.41 -0.12 0.00	9.83 -0.11 0.00	13.25 -0.30 0.00	20.05 -0.36 0.00	20.07 -0.70 0.00	22.01 -0.69 0.00	22.26 -0.61 0.00	25.53 -0.54 0.00	25.04 -0.74 0.00	22.36 -0.72 0.00	21.10 -0.90 0.00	22.03 -0.76 0.00	23.12 -1.06 0.00	23.91 -1.32 0.00	28.20 -1.62 0.00	25.14 -1.27 0.00	23.14 -1.17 0.00	26.88 -1.11 0.00	26.80 -1.21 0.00	21.33 -0.98 0.00	21.24 -0.60 0.00
HARZA MOOSE___RIVER 24016	17.40 0.27 0.00	16.67 0.10 0.00	12.18 0.04 0.00	7.49 -0.04 0.00	9.86 -0.08 0.00	13.55 0.01 0.00	20.67 0.26 0.00	21.14 0.37 0.00	23.09 0.39 0.00	23.16 0.29 0.00	26.50 0.42 0.00	26.21 0.43 0.00	23.37 0.29 0.00	22.27 0.27 0.00	23.06 0.27 0.00	24.47 0.29 0.00	25.53 0.31 0.00	30.21 0.39 0.00	26.95 0.54 0.00	24.95 0.65 0.00	28.92 0.93 0.00	28.92 0.91 0.00	22.98 0.67 0.00	22.41 0.58 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	16.96 -0.17 0.00	16.40 -0.17 0.00	12.02 -0.12 0.00	7.46 -0.07 0.00	9.87 -0.07 0.00	13.45 -0.10 0.00	20.29 -0.12 0.00	20.59 -0.19 0.00	22.48 -0.21 0.00	22.67 -0.20 0.00	25.87 -0.20 0.00	25.58 -0.20 0.00	22.86 -0.22 0.00	21.75 -0.24 0.00	22.58 -0.21 0.00	23.91 -0.27 0.00	24.92 -0.31 0.00	29.46 -0.36 0.00	26.10 -0.31 0.00	24.03 -0.28 0.00	27.71 -0.29 0.00	27.68 -0.32 0.00	22.03 -0.29 0.00	21.61 -0.22 0.00
HELLGATE_13_KV_LD 55870	18.10 0.96 0.00	17.40 0.82 0.00	12.76 0.62 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.99 1.29 0.00	24.26 1.39 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.69 1.61 0.00	23.66 1.67 0.00	24.52 1.72 0.00	26.05 1.87 0.00	27.15 1.92 0.00	31.99 2.17 0.00	28.19 1.78 0.00	25.82 1.52 0.00	29.61 1.62 0.00	29.66 1.66 0.00	23.66 1.35 0.00	22.89 1.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.10 0.96 0.00	17.40 0.82 0.00	12.76 0.62 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.99 1.29 0.00	24.26 1.39 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.69 1.61 0.00	23.66 1.67 0.00	24.52 1.72 0.00	26.05 1.87 0.00	27.15 1.92 0.00	31.99 2.17 0.00	28.19 1.78 0.00	25.82 1.52 0.00	29.61 1.62 0.00	29.66 1.66 0.00	23.66 1.35 0.00	22.89 1.06 0.00
HEMPSTEAD____ 23647	33.71 1.13 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.97 0.44 0.00	10.52 0.57 0.00	14.39 0.80 -0.03	27.39 1.20 -5.78	31.02 1.34 -8.90	31.09 1.55 -6.85	50.77 1.63 -26.27	28.60 1.73 -0.80	27.97 1.88 -0.30	26.87 1.74 -2.04	25.84 1.76 -2.08	26.33 1.86 -1.68	28.28 1.99 -2.11	27.30 2.00 -0.08	32.02 2.20 0.00	28.32 1.91 0.00	27.76 1.71 -1.74	29.68 1.69 0.00	29.76 1.76 0.00	23.70 1.39 0.00	22.97 1.13 0.00
HEWLETT__69_KV_BK3 55828	33.88 1.30 -15.44	26.85 1.16 -9.11	16.42 0.85 -3.44	8.04 0.51 0.00	10.61 0.66 0.00	14.52 0.93 -0.03	27.60 1.40 -5.78	31.24 1.56 -8.90	31.36 1.82 -6.85	51.04 1.90 -26.27	28.93 2.05 -0.80	28.32 2.23 -0.30	27.13 2.01 -2.05	26.13 2.05 -2.08	26.59 2.12 -1.68	28.46 2.17 -2.11	27.46 2.16 -0.08	32.16 2.34 0.00	28.45 2.04 0.00	27.90 1.85 -1.74	29.96 1.97 0.00	30.39 2.08 -0.30	23.92 1.61 0.00	23.18 1.35 0.00
HICKLING___1 23621	16.94 -0.19 0.00	16.47 -0.10 0.00	12.06 -0.07 0.00	7.50 -0.02 0.00	10.01 0.06 0.00	13.63 0.08 0.00	20.67 0.26 0.00	21.11 0.33 0.00	23.12 0.42 0.00	23.40 0.54 0.00	26.75 0.68 0.00	26.35 0.58 0.00	23.52 0.44 0.00	22.34 0.35 0.00	23.43 0.64 0.00	24.61 0.43 0.00	25.58 0.35 0.00	30.22 0.40 0.00	26.64 0.24 0.00	24.56 0.25 0.00	28.40 0.41 0.00	28.30 0.30 0.00	22.42 0.11 0.00	21.84 0.00 0.00
HICKLING___2 23622	16.94 -0.19 0.00	16.47 -0.10 0.00	12.06 -0.07 0.00	7.50 -0.02 0.00	10.01 0.06 0.00	13.63 0.08 0.00	20.67 0.26 0.00	21.11 0.33 0.00	23.12 0.42 0.00	23.40 0.54 0.00	26.75 0.68 0.00	26.35 0.58 0.00	23.52 0.44 0.00	22.34 0.35 0.00	23.43 0.64 0.00	24.61 0.43 0.00	25.58 0.35 0.00	30.22 0.40 0.00	26.64 0.24 0.00	24.56 0.25 0.00	28.40 0.41 0.00	28.30 0.30 0.00	22.42 0.11 0.00	21.84 0.00 0.00
HIGH FALLS___HY 23754	17.93 0.80 0.00	17.25 0.68 0.00	12.62 0.48 0.00	7.83 0.30 0.00	10.32 0.38 0.00	14.07 0.52 0.00	20.92 0.81 0.30	20.55 0.94 1.17	22.89 1.03 0.83	23.92 1.09 0.04	27.23 1.36 0.20	27.31 1.53 0.00	24.47 1.39 0.00	23.44 1.44 0.00	24.18 1.38 0.00	25.73 1.56 0.00	26.90 1.67 0.00	31.80 1.98 0.00	28.04 1.63 0.00	25.74 1.43 0.00	29.58 1.59 0.00	29.54 1.53 0.00	23.53 1.22 0.00	22.78 0.95 0.00
HILLBURN___GT 23639	17.89 0.76 0.00	17.21 0.64 0.00	12.61 0.47 0.00	7.82 0.29 0.00	10.32 0.38 0.00	14.07 0.52 0.00	21.17 0.76 0.00	21.67 0.89 0.00	23.75 1.05 0.00	24.00 1.13 0.00	27.40 1.33 0.00	27.27 1.49 0.00	24.47 1.39 0.00	23.45 1.46 0.00	24.26 1.47 0.00	25.80 1.62 0.00	26.89 1.66 0.00	31.72 1.90 0.00	27.93 1.53 0.00	25.58 1.28 0.00	29.35 1.36 0.00	29.41 1.41 0.00	23.42 1.12 0.00	22.69 0.86 0.00
HILLSIDE_115KV_TB1 80332	16.72 -0.41 0.00	16.24 -0.34 0.00	11.90 -0.24 0.00	7.40 -0.13 0.00	9.86 -0.08 0.00	13.43 -0.12 0.00	20.33 -0.08 0.00	20.78 0.00 0.00	22.72 0.03 0.00	23.04 0.17 0.00	26.32 0.25 0.00	25.97 0.19 0.00	23.14 0.06 0.00	22.04 0.04 0.00	23.07 0.27 0.00	24.24 0.06 0.00	25.19 -0.03 0.00	29.74 -0.08 0.00	26.17 -0.24 0.00	24.11 -0.19 0.00	27.87 -0.13 0.00	27.84 -0.17 0.00	22.09 -0.22 0.00	21.48 -0.35 0.00
HISHELDN_WT_PWR 323625	16.48 -0.65 0.00	16.03 -0.54 0.00	11.78 -0.36 0.00	7.36 -0.17 0.00	9.80 -0.14 0.00	13.27 -0.28 0.00	20.13 -0.28 0.00	20.32 -0.46 0.00	22.32 -0.37 0.00	22.51 -0.35 0.00	25.81 -0.27 0.00	25.39 -0.39 0.00	22.69 -0.40 0.00	21.45 -0.55 0.00	22.47 -0.33 0.00	23.59 -0.60 0.00	24.40 -0.82 0.00	28.76 -1.06 0.00	25.49 -0.92 0.00	23.50 -0.81 0.00	27.29 -0.70 0.00	27.14 -0.87 0.00	21.53 -0.78 0.00	21.26 -0.57 0.00
HOLTSVILLE_IC_1 23690	33.72 1.15 -15.44	26.71 1.03 -9.11	16.33 0.75 -3.44	7.97 0.44 0.00	10.51 0.57 0.00	14.40 0.82 -0.03	27.39 1.20 -5.78	31.02 1.34 -8.90	31.14 1.59 -6.85	50.83 1.69 -26.27	28.51 1.64 -0.80	27.85 1.77 -0.30	26.66 1.54 -2.04	25.68 1.60 -2.08	26.15 1.68 -1.68	28.05 1.76 -2.11	27.06 1.76 -0.08	31.68 1.87 0.00	28.12 1.71 0.00	27.71 1.66 -1.74	29.51 1.52 0.00	29.38 1.48 0.11	23.51 1.20 0.00	22.86 1.03 0.00
HOLTSVILLE_IC_10 23699	33.83 1.26 -15.44	26.81 1.13 -9.11	16.39 0.82 -3.44	8.02 0.49 0.00	10.58 0.63 0.00	14.49 0.90 -0.03	27.53 1.33 -5.78	31.16 1.48 -8.90	31.31 1.77 -6.85	51.00 1.86 -26.27	28.71 1.84 -0.80	28.02 1.94 -0.30	26.81 1.69 -2.04	25.81 1.73 -2.08	26.31 1.84 -1.68	28.24 1.95 -2.11	27.26 1.95 -0.08	31.93 2.11 0.00	28.33 1.92 0.00	27.91 1.86 -1.74	29.73 1.74 0.00	29.59 1.69 0.10	23.66 1.35 0.00	22.99 1.16 0.00
HOLTSVILLE_IC_2 23691	33.72 1.15 -15.44	26.71 1.03 -9.11	16.33 0.75 -3.44	7.97 0.44 0.00	10.51 0.57 0.00	14.40 0.82 -0.03	27.39 1.20 -5.78	31.02 1.34 -8.90	31.14 1.59 -6.85	50.83 1.69 -26.27	28.51 1.64 -0.80	27.85 1.77 -0.30	26.66 1.54 -2.04	25.68 1.60 -2.08	26.15 1.68 -1.68	28.05 1.76 -2.11	27.06 1.76 -0.08	31.68 1.87 0.00	28.12 1.71 0.00	27.71 1.66 -1.74	29.51 1.52 0.00	29.38 1.48 0.11	23.51 1.20 0.00	22.86 1.03 0.00
HOLTSVILLE_IC_3 23692	33.72 1.15 -15.44	26.71 1.03 -9.11	16.33 0.75 -3.44	7.97 0.44 0.00	10.51 0.57 0.00	14.40 0.82 -0.03	27.39 1.20 -5.78	31.02 1.34 -8.90	31.14 1.59 -6.85	50.83 1.69 -26.27	28.51 1.64 -0.80	27.85 1.77 -0.30	26.66 1.54 -2.04	25.68 1.60 -2.08	26.15 1.68 -1.68	28.05 1.76 -2.11	27.06 1.76 -0.08	31.68 1.87 0.00	28.12 1.71 0.00	27.71 1.66 -1.74	29.51 1.52 0.00	29.38 1.48 0.11	23.51 1.20 0.00	22.86 1.03 0.00

HOLTSVILLE_IC_4 23693	33.72 1.15 -15.44	26.71 1.03 -9.11	16.33 0.75 -3.44	7.97 0.44 0.00	10.51 0.57 0.00	14.40 0.82 -0.03	27.39 1.20 -5.78	31.02 1.34 -8.90	31.14 1.59 -6.85	50.83 1.69 -26.27	28.51 1.64 -0.80	27.85 1.77 -0.30	26.66 1.54 -2.04	25.68 1.60 -2.08	26.15 1.68 -1.68	28.05 1.76 -2.11	27.06 1.76 -0.08	31.68 1.87 0.00	28.12 1.71 0.00	27.71 1.66 -1.74	29.51 1.52 0.00	29.38 1.48 0.11	23.51 1.20 0.00	22.86 1.03 0.00
HOLTSVILLE_IC_5 23694	33.72 1.15 -15.44	26.71 1.03 -9.11	16.33 0.75 -3.44	7.97 0.44 0.00	10.51 0.57 0.00	14.40 0.82 -0.03	27.39 1.20 -5.78	31.02 1.34 -8.90	31.14 1.59 -6.85	50.83 1.69 -26.27	28.51 1.64 -0.80	27.85 1.77 -0.30	26.66 1.54 -2.04	25.68 1.60 -2.08	26.15 1.68 -1.68	28.05 1.76 -2.11	27.06 1.76 -0.08	31.68 1.87 0.00	28.12 1.71 0.00	27.71 1.66 -1.74	29.51 1.52 0.00	29.38 1.48 0.11	23.51 1.20 0.00	22.86 1.03 0.00
HOLTSVILLE_IC_6 23695	33.83 1.26 -15.44	26.81 1.13 -9.11	16.39 0.82 -3.44	8.02 0.49 0.00	10.58 0.63 0.00	14.49 0.90 -0.03	27.53 1.33 -5.78	31.16 1.48 -8.90	31.31 1.77 -6.85	51.00 1.86 -26.27	28.71 1.84 -0.80	28.02 1.94 -0.30	26.81 1.69 -2.04	25.81 1.73 -2.08	26.31 1.84 -1.68	28.24 1.95 -2.11	27.26 1.95 -0.08	31.93 2.11 0.00	28.33 1.92 0.00	27.91 1.86 -1.74	29.73 1.74 0.00	29.59 1.69 0.10	23.66 1.35 0.00	22.99 1.16 0.00
HOLTSVILLE_IC_7 23696	33.83 1.26 -15.44	26.81 1.13 -9.11	16.39 0.82 -3.44	8.02 0.49 0.00	10.58 0.63 0.00	14.49 0.90 -0.03	27.53 1.33 -5.78	31.16 1.48 -8.90	31.31 1.77 -6.85	51.00 1.86 -26.27	28.71 1.84 -0.80	28.02 1.94 -0.30	26.81 1.69 -2.04	25.81 1.73 -2.08	26.31 1.84 -1.68	28.24 1.95 -2.11	27.26 1.95 -0.08	31.93 2.11 0.00	28.33 1.92 0.00	27.91 1.86 -1.74	29.73 1.74 0.00	29.59 1.69 0.10	23.66 1.35 0.00	22.99 1.16 0.00
HOLTSVILLE_IC_8 23697	33.83 1.26 -15.44	26.81 1.13 -9.11	16.39 0.82 -3.44	8.02 0.49 0.00	10.58 0.63 0.00	14.49 0.90 -0.03	27.53 1.33 -5.78	31.16 1.48 -8.90	31.31 1.77 -6.85	51.00 1.86 -26.27	28.71 1.84 -0.80	28.02 1.94 -0.30	26.81 1.69 -2.04	25.81 1.73 -2.08	26.31 1.84 -1.68	28.24 1.95 -2.11	27.26 1.95 -0.08	31.93 2.11 0.00	28.33 1.92 0.00	27.91 1.86 -1.74	29.73 1.74 0.00	29.59 1.69 0.10	23.66 1.35 0.00	22.99 1.16 0.00
HOLTSVILLE_IC_9 23698	33.83 1.26 -15.44	26.81 1.13 -9.11	16.39 0.82 -3.44	8.02 0.49 0.00	10.58 0.63 0.00	14.49 0.90 -0.03	27.53 1.33 -5.78	31.16 1.48 -8.90	31.31 1.77 -6.85	51.00 1.86 -26.27	28.71 1.84 -0.80	28.02 1.94 -0.30	26.81 1.69 -2.04	25.81 1.73 -2.08	26.31 1.84 -1.68	28.24 1.95 -2.11	27.26 1.95 -0.08	31.93 2.11 0.00	28.33 1.92 0.00	27.91 1.86 -1.74	29.73 1.74 0.00	29.59 1.69 0.10	23.66 1.35 0.00	22.99 1.16 0.00
HOMER_HL_115KV_TB2 355744	16.84 -0.29 0.00	16.36 -0.21 0.00	12.01 -0.13 0.00	7.48 -0.04 0.00	9.97 0.03 0.00	13.60 0.05 0.00	20.60 0.19 0.00	20.88 0.10 0.00	23.00 0.30 0.00	23.32 0.45 0.00	26.73 0.66 0.00	26.13 0.35 0.00	23.24 0.16 0.00	22.00 0.01 0.00	23.08 0.29 0.00	24.20 0.02 0.00	25.03 -0.19 0.00	29.40 -0.42 0.00	25.94 -0.47 0.00	23.85 -0.46 0.00	27.62 -0.37 0.00	27.59 -0.42 0.00	22.01 -0.30 0.00	21.58 -0.25 0.00
HOWARD_WT_PWR 323690	16.49 -0.64 0.00	16.06 -0.52 0.00	11.75 -0.39 0.00	7.35 -0.18 0.00	9.85 -0.09 0.00	13.32 -0.23 0.00	20.35 -0.06 0.00	20.72 -0.06 0.00	22.92 0.22 0.00	23.08 0.21 0.00	26.25 0.18 0.00	25.88 0.10 0.00	23.15 0.07 0.00	22.00 0.01 0.00	23.07 0.28 0.00	24.12 -0.07 0.00	25.05 -0.18 0.00	29.65 -0.17 0.00	26.25 -0.16 0.00	24.29 -0.02 0.00	28.01 0.02 0.00	27.68 -0.33 0.00	21.82 -0.50 0.00	21.30 -0.53 0.00
HQ_GEN_CEDARS 23644	17.17 0.04 0.00	16.63 0.05 0.00	12.17 0.03 0.00	7.51 -0.01 0.00	9.92 -0.02 0.00	13.57 0.03 0.00	20.54 0.13 0.00	20.91 0.13 0.00	22.78 0.09 0.00	22.89 0.03 0.00	26.14 0.06 0.00	25.80 0.03 0.00	23.10 0.01 0.00	21.98 -0.01 0.00	22.74 -0.05 0.00	24.22 0.04 0.00	25.25 0.02 0.00	29.78 -0.04 0.00	26.50 0.10 0.00	24.44 0.14 0.00	28.21 0.22 0.00	28.26 0.25 0.00	22.54 0.23 0.00	22.07 0.23 0.00
HQ_GEN_CEDARS_PROXY 323590	15.64 0.04 1.53	16.63 0.06 0.00	12.17 0.03 0.00	7.51 -0.01 0.00	9.92 -0.02 0.00	13.57 0.03 0.00	20.54 0.13 0.00	20.91 0.13 0.00	22.78 0.09 0.00	22.89 0.03 0.00	26.14 0.06 0.00	25.80 0.02 0.00	23.10 0.01 0.00	21.98 -0.01 0.00	22.74 -0.05 0.00	24.23 0.04 0.00	25.25 0.02 0.00	29.79 -0.04 0.00	26.50 0.10 0.00	24.45 0.14 0.00	28.21 0.21 0.00	28.26 0.25 0.00	22.54 0.23 0.00	22.07 0.23 0.00
HQ_GEN_IMPORT 323601	15.74 -0.12 1.28	16.49 -0.09 0.00	12.08 -0.06 0.00	7.47 -0.05 0.00	9.87 -0.07 0.00	13.47 -0.08 0.00	20.30 -0.11 0.00	20.65 -0.13 0.00	22.53 -0.16 0.00	22.68 -0.19 0.00	25.87 -0.21 0.00	25.56 -0.22 0.00	22.91 -0.17 0.00	21.80 -0.20 0.00	22.57 -0.22 0.00	23.99 -0.19 0.00	25.03 -0.19 0.00	29.58 -0.24 0.00	26.24 -0.17 0.00	24.16 -0.15 0.00	27.84 -0.15 0.00	27.88 -0.13 0.00	22.22 -0.09 0.00	21.77 -0.06 0.00
HQ_GEN_WHEEL 23651	15.74 -0.12 1.28	16.49 -0.09 0.00	12.08 -0.06 0.00	7.47 -0.05 0.00	9.87 -0.07 0.00	13.47 -0.08 0.00	20.30 -0.11 0.00	20.65 -0.13 0.00	22.53 -0.16 0.00	22.68 -0.19 0.00	25.87 -0.21 0.00	25.56 -0.22 0.00	22.91 -0.17 0.00	21.80 -0.20 0.00	22.57 -0.22 0.00	23.99 -0.19 0.00	25.03 -0.19 0.00	29.58 -0.24 0.00	26.24 -0.17 0.00	24.16 -0.15 0.00	27.84 -0.15 0.00	27.88 -0.13 0.00	22.22 -0.09 0.00	21.77 -0.06 0.00
HUDSON_AVE_GT_3 23810	18.12 0.99 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.41 1.00 0.00	21.94 1.16 0.00	24.05 1.35 0.00	24.32 1.45 0.00	27.74 1.66 0.00	27.57 1.79 0.00	24.75 1.66 0.00	23.72 1.73 0.00	24.60 1.81 0.00	26.13 1.95 0.00	27.22 1.99 0.00	32.08 2.26 0.00	28.27 1.87 0.00	25.89 1.58 0.00	29.69 1.70 0.00	29.72 1.72 0.00	23.73 1.42 0.00	22.96 1.13 0.00
HUDSON_AVE_GT_4 23540	18.12 0.99 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.41 1.00 0.00	21.94 1.16 0.00	24.05 1.35 0.00	24.32 1.45 0.00	27.74 1.66 0.00	27.57 1.79 0.00	24.75 1.66 0.00	23.72 1.73 0.00	24.60 1.81 0.00	26.13 1.95 0.00	27.22 1.99 0.00	32.08 2.26 0.00	28.27 1.87 0.00	25.89 1.58 0.00	29.69 1.70 0.00	29.72 1.72 0.00	23.73 1.42 0.00	22.96 1.13 0.00
HUDSON_AVE_GT_5 23657	18.12 0.99 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.41 1.00 0.00	21.94 1.16 0.00	24.05 1.35 0.00	24.32 1.45 0.00	27.74 1.66 0.00	27.57 1.79 0.00	24.75 1.66 0.00	23.72 1.73 0.00	24.60 1.81 0.00	26.13 1.95 0.00	27.22 1.99 0.00	32.08 2.26 0.00	28.27 1.87 0.00	25.89 1.58 0.00	29.69 1.70 0.00	29.72 1.72 0.00	23.73 1.42 0.00	22.96 1.13 0.00

HUDSON_AVE_10 24168	18.07 0.93 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.97 1.28 0.00	24.24 1.37 0.00	27.63 1.56 0.00	27.46 1.68 0.00	24.65 1.57 0.00	23.63 1.64 0.00	24.51 1.72 0.00	26.02 1.85 0.00	27.11 1.89 0.00	31.96 2.14 0.00	28.17 1.76 0.00	25.80 1.49 0.00	29.59 1.60 0.00	29.63 1.63 0.00	23.67 1.36 0.00	22.90 1.07 0.00
HUDSON___115KV_TB 4 355613	17.93 0.80 0.00	17.29 0.72 0.00	12.70 0.56 0.00	7.89 0.36 0.00	10.42 0.47 0.00	14.14 0.59 0.00	19.15 0.85 2.12	13.86 1.02 7.93	18.23 1.11 5.57	23.65 1.09 0.31	25.75 1.10 1.42	26.78 1.00 0.00	24.01 0.93 0.00	23.02 1.02 0.00	23.79 0.99 0.00	25.15 0.97 0.00	26.23 1.01 0.00	31.20 1.38 0.00	27.70 1.29 0.00	25.55 1.24 0.00	29.40 1.40 0.00	29.38 1.37 0.00	23.34 1.03 0.00	22.71 0.87 0.00
HUNTER MOUNT___DRP 323613	18.03 0.90 0.00	17.40 0.82 0.00	12.78 0.64 0.00	7.93 0.41 0.00	10.48 0.54 0.00	14.23 0.68 0.00	19.77 1.00 1.64	15.81 1.19 6.16	19.67 1.30 4.32	23.87 1.25 0.24	26.24 1.27 1.11	26.85 1.07 0.00	24.09 1.01 0.00	23.08 1.08 0.00	23.84 1.06 0.00	25.20 1.02 0.00	26.28 1.05 0.00	31.31 1.49 0.00	27.86 1.45 0.00	25.71 1.40 0.00	29.59 1.60 0.00	29.57 1.56 0.00	23.47 1.15 0.00	22.84 1.00 0.00
HUNTINGTON_RES_REC 323705	33.80 1.22 -15.44	26.78 1.09 -9.11	16.37 0.79 -3.44	8.00 0.48 0.00	10.55 0.61 0.00	14.45 0.87 -0.03	27.47 1.28 -5.78	31.08 1.40 -8.90	31.21 1.67 -6.85	50.90 1.76 -26.27	28.60 1.73 -0.80	27.93 1.85 -0.30	26.76 1.64 -2.04	25.76 1.68 -2.08	26.26 1.79 -1.68	28.21 1.92 -2.11	27.23 1.93 -0.08	31.86 2.04 0.00	28.24 1.83 0.00	27.79 1.74 -1.74	29.61 1.62 0.00	29.47 1.57 0.10	23.56 1.25 0.00	22.88 1.05 0.00
HUNTLEY___63 23557	16.43 -0.70 0.00	15.98 -0.60 0.00	11.78 -0.36 0.00	7.39 -0.14 0.00	9.78 -0.16 0.00	13.20 -0.34 0.00	20.00 -0.41 0.00	20.05 -0.73 0.00	21.98 -0.71 0.00	22.23 -0.64 0.00	25.49 -0.58 0.00	25.03 -0.75 0.00	22.34 -0.74 0.00	21.10 -0.90 0.00	22.04 -0.76 0.00	23.14 -1.05 -0.01	23.94 -1.30 -0.01	28.22 -1.61 -0.01	25.11 -1.30 0.00	23.10 -1.21 0.00	26.82 -1.17 0.00	26.74 -1.26 0.00	21.29 -1.02 0.00	21.15 -0.69 0.00
HUNTLEY___64 23558	16.43 -0.70 0.00	15.98 -0.60 0.00	11.78 -0.36 0.00	7.39 -0.14 0.00	9.78 -0.16 0.00	13.20 -0.34 0.00	20.00 -0.41 0.00	20.05 -0.73 0.00	21.98 -0.71 0.00	22.23 -0.64 0.00	25.49 -0.58 0.00	25.03 -0.75 0.00	22.34 -0.74 0.00	21.10 -0.90 0.00	22.04 -0.76 0.00	23.14 -1.05 -0.01	23.94 -1.30 -0.01	28.22 -1.61 -0.01	25.11 -1.30 0.00	23.10 -1.21 0.00	26.82 -1.17 0.00	26.74 -1.26 0.00	21.29 -1.02 0.00	21.15 -0.69 0.00
HUNTLEY___65 23559	16.43 -0.70 0.00	15.98 -0.60 0.00	11.78 -0.36 0.00	7.39 -0.14 0.00	9.78 -0.16 0.00	13.20 -0.34 0.00	20.00 -0.41 0.00	20.05 -0.73 0.00	21.98 -0.71 0.00	22.23 -0.64 0.00	25.49 -0.58 0.00	25.03 -0.75 0.00	22.34 -0.74 0.00	21.10 -0.90 0.00	22.04 -0.76 0.00	23.14 -1.05 -0.01	23.94 -1.30 -0.01	28.22 -1.61 -0.01	25.11 -1.30 0.00	23.10 -1.21 0.00	26.82 -1.17 0.00	26.74 -1.26 0.00	21.29 -1.02 0.00	21.15 -0.69 0.00
HUNTLEY___66 23560	16.43 -0.70 0.00	15.98 -0.60 0.00	11.78 -0.36 0.00	7.39 -0.14 0.00	9.78 -0.16 0.00	13.20 -0.34 0.00	20.00 -0.41 0.00	20.05 -0.73 0.00	21.98 -0.71 0.00	22.23 -0.64 0.00	25.49 -0.58 0.00	25.03 -0.75 0.00	22.34 -0.74 0.00	21.10 -0.90 0.00	22.04 -0.76 0.00	23.14 -1.05 -0.01	23.94 -1.30 -0.01	28.22 -1.61 -0.01	25.11 -1.30 0.00	23.10 -1.21 0.00	26.82 -1.17 0.00	26.74 -1.26 0.00	21.29 -1.02 0.00	21.15 -0.69 0.00
HUNTLEY___67 23561	16.47 -0.66 0.00	16.03 -0.54 0.00	11.80 -0.34 0.00	7.38 -0.14 0.00	9.80 -0.14 0.00	13.24 -0.31 0.00	20.04 -0.37 0.00	20.10 -0.67 0.00	22.04 -0.65 0.00	22.29 -0.58 0.00	25.57 -0.51 0.00	25.08 -0.69 0.00	22.41 -0.67 0.00	21.15 -0.84 0.00	22.10 -0.69 0.00	23.18 -1.00 0.00	23.97 -1.26 0.00	28.24 -1.58 0.00	25.14 -1.27 0.00	23.15 -1.16 0.00	26.89 -1.11 0.00	26.80 -1.21 0.00	21.34 -0.97 0.00	21.20 -0.63 0.00
HUNTLEY___68 23562	16.47 -0.66 0.00	16.03 -0.54 0.00	11.80 -0.34 0.00	7.38 -0.14 0.00	9.80 -0.14 0.00	13.24 -0.31 0.00	20.04 -0.37 0.00	20.10 -0.67 0.00	22.04 -0.65 0.00	22.29 -0.58 0.00	25.57 -0.51 0.00	25.08 -0.69 0.00	22.41 -0.67 0.00	21.15 -0.84 0.00	22.10 -0.69 0.00	23.18 -1.00 0.00	23.97 -1.26 0.00	28.24 -1.58 0.00	25.14 -1.27 0.00	23.15 -1.16 0.00	26.89 -1.11 0.00	26.80 -1.21 0.00	21.34 -0.97 0.00	21.20 -0.63 0.00
HYLAND___LFGE 323620	17.47 0.34 0.00	16.98 0.40 0.00	12.42 0.28 0.00	7.75 0.23 0.00	10.32 0.38 0.00	14.02 0.48 0.00	21.32 0.91 0.00	21.41 0.64 0.00	23.03 0.33 0.00	23.42 0.55 0.00	26.66 0.58 0.00	26.05 0.27 0.00	23.31 0.23 0.00	21.99 0.00 0.00	23.04 0.25 0.00	24.28 0.10 0.00	25.22 -0.01 0.00	30.31 0.49 0.00	26.95 0.55 0.00	25.03 0.73 0.00	29.10 1.11 0.00	29.04 1.04 0.00	22.98 0.67 0.00	22.55 0.71 0.00
INDECK___CORINTH 23802	18.62 1.49 0.00	17.90 1.33 0.00	13.10 0.96 0.00	8.13 0.60 0.00	10.75 0.81 0.00	14.62 1.07 0.00	23.99 1.72 -1.86	29.42 1.89 -6.76	29.43 2.05 -4.69	25.15 2.01 -0.27	29.57 2.25 -1.25	27.72 1.94 0.00	24.38 1.30 0.00	23.29 1.30 0.00	23.92 1.12 0.00	25.51 1.33 0.00	26.71 1.49 0.00	31.80 1.98 0.00	28.12 1.71 0.00	25.85 1.55 0.00	29.76 1.77 0.00	29.69 1.69 0.00	23.58 1.27 0.00	22.93 1.10 0.00
INDECK___ILION 23567	17.17 0.04 0.00	16.59 0.02 0.00	12.16 0.03 0.00	7.52 0.00 0.00	9.95 0.01 0.00	13.53 -0.01 0.00	20.37 -0.04 0.00	20.86 0.08 0.00	22.82 0.13 0.00	22.99 0.12 0.00	26.19 0.12 0.00	25.94 0.16 0.00	23.15 0.07 0.00	22.16 0.17 0.00	22.89 0.10 0.00	24.22 0.03 0.00	25.32 0.10 0.00	29.99 0.17 0.00	26.56 0.15 0.00	24.48 0.17 0.00	28.17 0.18 0.00	28.15 0.14 0.00	22.39 0.08 0.00	21.81 -0.02 0.00
INDECK___OLEAN 23982	16.84 -0.29 0.00	16.36 -0.21 0.00	12.01 -0.13 0.00	7.48 -0.04 0.00	9.97 0.03 0.00	13.60 0.05 0.00	20.61 0.19 0.00	20.89 0.11 0.00	23.00 0.30 0.00	23.32 0.45 0.00	26.74 0.66 0.00	26.13 0.35 0.00	23.24 0.16 0.00	22.00 0.00 0.00	23.09 0.29 0.00	24.20 0.02 0.00	25.03 -0.19 0.00	29.39 -0.42 0.00	25.94 -0.47 0.00	23.85 -0.46 0.00	27.62 -0.37 0.00	27.59 -0.42 0.00	22.01 -0.30 0.00	21.58 -0.25 0.00
INDECK___OSWEGO 23783	16.81 -0.32 0.00	16.24 -0.33 0.00	11.89 -0.25 0.00	7.38 -0.15 0.00	9.75 -0.19 0.00	13.29 -0.26 0.00	20.06 -0.35 0.00	20.35 -0.43 0.00	22.21 -0.49 0.00	22.37 -0.50 0.00	25.52 -0.56 0.00	25.22 -0.56 0.00	22.54 -0.54 0.00	21.43 -0.57 0.00	22.23 -0.56 0.00	23.55 -0.63 0.00	24.56 -0.66 0.00	29.05 -0.77 0.00	25.75 -0.66 0.00	23.72 -0.58 0.00	27.37 -0.62 0.00	27.38 -0.62 0.00	21.80 -0.51 0.00	21.41 -0.42 0.00

INDECK___YERKES 23781	16.44 -0.69 0.00	16.00 -0.58 0.00	11.80 -0.34 0.00	7.40 -0.13 0.00	9.79 -0.15 0.00	13.22 -0.33 0.00	20.02 -0.39 0.00	20.08 -0.70 0.00	22.01 -0.68 0.00	22.26 -0.61 0.00	25.52 -0.55 0.00	25.06 -0.72 0.00	22.37 -0.71 0.00	21.12 -0.88 0.00	22.06 -0.73 0.00	23.17 -1.02 -0.01	23.97 -1.27 -0.01	28.24 -1.59 -0.01	25.13 -1.28 0.00	23.12 -1.19 0.00	26.85 -1.14 0.00	26.76 -1.24 0.00	21.30 -1.01 0.00	21.17 -0.66 0.00
INDIAN POINT_GT_1 24139	17.96 0.83 0.00	17.29 0.72 0.00	12.66 0.52 0.00	7.86 0.33 0.00	10.37 0.43 0.00	14.14 0.59 0.00	21.26 0.85 0.00	21.77 0.99 0.00	23.84 1.15 0.00	24.09 1.22 0.00	27.48 1.41 0.00	27.30 1.52 0.00	24.49 1.41 0.00	23.47 1.47 0.00	24.33 1.53 0.00	25.85 1.67 0.00	26.96 1.73 0.00	31.80 1.98 0.00	28.04 1.63 0.00	25.69 1.38 0.00	29.47 1.48 0.00	29.51 1.50 0.00	23.52 1.21 0.00	22.79 0.96 0.00
INDIAN POINT_GT_2 23659	17.96 0.83 0.00	17.29 0.72 0.00	12.66 0.52 0.00	7.86 0.33 0.00	10.37 0.43 0.00	14.14 0.59 0.00	21.26 0.85 0.00	21.77 0.99 0.00	23.84 1.15 0.00	24.09 1.22 0.00	27.48 1.41 0.00	27.30 1.52 0.00	24.49 1.41 0.00	23.47 1.47 0.00	24.33 1.53 0.00	25.85 1.67 0.00	26.96 1.73 0.00	31.80 1.98 0.00	28.04 1.63 0.00	25.69 1.38 0.00	29.47 1.48 0.00	29.51 1.50 0.00	23.52 1.21 0.00	22.79 0.96 0.00
INDIAN POINT_GT_3 24019	17.96 0.83 0.00	17.29 0.72 0.00	12.66 0.52 0.00	7.86 0.33 0.00	10.37 0.43 0.00	14.14 0.59 0.00	21.26 0.85 0.00	21.77 0.99 0.00	23.84 1.15 0.00	24.09 1.22 0.00	27.48 1.41 0.00	27.30 1.52 0.00	24.49 1.41 0.00	23.47 1.47 0.00	24.33 1.53 0.00	25.85 1.67 0.00	26.96 1.73 0.00	31.80 1.98 0.00	28.04 1.63 0.00	25.69 1.38 0.00	29.47 1.48 0.00	29.51 1.50 0.00	23.52 1.21 0.00	22.79 0.96 0.00
INDIAN POINT___2 23530	17.94 0.81 0.00	17.26 0.69 0.00	12.64 0.50 0.00	7.84 0.32 0.00	10.35 0.41 0.00	14.11 0.57 0.00	21.23 0.82 0.00	21.73 0.96 0.00	23.81 1.11 0.00	24.06 1.19 0.00	27.44 1.37 0.00	27.26 1.48 0.00	24.46 1.38 0.00	23.43 1.44 0.00	24.29 1.50 0.00	25.82 1.64 0.00	26.92 1.69 0.00	31.76 1.94 0.00	28.00 1.59 0.00	25.65 1.34 0.00	29.43 1.44 0.00	29.46 1.46 0.00	23.48 1.17 0.00	22.76 0.92 0.00
INDIAN POINT___3 23531	17.96 0.83 0.00	17.28 0.71 0.00	12.65 0.51 0.00	7.85 0.32 0.00	10.36 0.42 0.00	14.12 0.58 0.00	21.24 0.83 0.00	21.75 0.97 0.00	23.82 1.13 0.00	24.08 1.21 0.00	27.46 1.39 0.00	27.28 1.50 0.00	24.47 1.39 0.00	23.45 1.45 0.00	24.30 1.51 0.00	25.82 1.64 0.00	26.93 1.70 0.00	31.77 1.94 0.00	28.01 1.60 0.00	25.66 1.36 0.00	29.44 1.45 0.00	29.48 1.47 0.00	23.50 1.18 0.00	22.77 0.94 0.00
INGHAM_C_115KV_TB7 356103	17.10 -0.03 0.00	16.52 -0.06 0.00	12.11 -0.03 0.00	7.47 -0.06 0.00	9.89 -0.05 0.00	13.43 -0.12 0.00	20.17 -0.24 0.00	20.80 0.02 0.00	22.83 0.13 0.00	22.96 0.08 0.00	26.15 0.08 0.00	25.94 0.16 0.00	23.06 -0.02 0.00	22.24 0.24 0.00	22.86 0.07 0.00	24.09 -0.09 0.00	25.26 0.04 0.00	29.99 0.17 0.00	26.55 0.14 0.00	24.51 0.20 0.00	28.20 0.21 0.00	28.12 0.12 0.00	22.36 0.04 0.00	21.64 -0.19 0.00
IP CORINTH___1 23988	18.62 1.49 0.00	17.90 1.33 0.00	13.10 0.96 0.00	8.13 0.60 0.00	10.75 0.81 0.00	14.62 1.07 0.00	23.99 1.72 -1.86	29.42 1.89 -6.76	29.43 2.05 -4.69	25.15 2.01 -0.27	29.57 2.25 -1.25	27.77 1.99 0.00	24.49 1.41 0.00	23.41 1.41 0.00	24.03 1.24 0.00	25.63 1.45 0.00	26.85 1.62 0.00	31.96 2.14 0.00	28.27 1.86 0.00	25.99 1.69 0.00	29.91 1.91 0.00	29.85 1.84 0.00	23.69 1.38 0.00	23.05 1.21 0.00
IP___TICONDEROGA 23804	19.53 2.40 0.00	18.65 2.07 0.00	13.63 1.49 0.00	8.45 0.92 0.00	11.20 1.26 0.00	15.22 1.67 0.00	25.21 2.75 -2.04	31.10 2.95 -7.37	30.98 3.19 -5.10	26.28 3.11 -0.30	30.99 3.54 -1.38	29.20 3.42 0.00	26.01 2.93 0.00	24.90 2.90 0.00	25.23 2.44 0.00	27.02 2.84 0.00	28.18 2.95 0.00	33.60 3.78 0.00	29.67 3.26 0.00	27.20 2.89 0.00	31.21 3.22 0.00	31.09 3.09 0.00	24.73 2.42 0.00	24.06 2.23 0.00
ISLIP_RES_REC 323679	33.90 1.33 -15.44	26.88 1.19 -9.11	16.44 0.86 -3.44	8.04 0.52 0.00	10.61 0.67 0.00	14.54 0.95 -0.03	27.61 1.41 -5.78	31.27 1.59 -8.90	31.43 1.89 -6.85	51.15 2.01 -26.27	28.89 2.01 -0.80	28.17 2.09 -0.30	26.95 1.83 -2.04	25.94 1.86 -2.08	26.45 1.98 -1.68	28.39 2.10 -2.11	27.42 2.12 -0.08	32.13 2.32 0.00	28.50 2.09 0.00	28.07 2.02 -1.74	29.91 1.92 0.00	29.76 1.86 0.10	23.79 1.48 0.00	23.10 1.27 0.00
JAMAICA__27_KV_LOAD 355505	18.19 1.06 0.00	17.52 0.94 0.00	12.83 0.69 0.00	7.96 0.44 0.00	10.50 0.56 0.00	14.32 0.77 0.00	21.49 1.08 0.00	22.03 1.25 0.00	24.13 1.44 0.00	24.39 1.53 0.00	27.74 1.67 0.00	27.57 1.79 0.00	24.75 1.67 0.00	23.72 1.73 0.00	24.61 1.82 0.00	26.12 1.94 0.00	27.22 1.99 0.00	32.10 2.28 0.00	28.30 1.90 0.00	25.93 1.63 0.00	29.78 1.80 0.00	29.83 1.83 0.00	23.87 1.56 0.00	23.07 1.23 0.00
JANIS___SOLAR 323808	17.63 0.50 0.00	17.02 0.44 0.00	12.46 0.32 0.00	7.73 0.21 0.00	10.24 0.30 0.00	14.00 0.45 0.00	21.22 0.81 0.00	21.60 0.82 0.00	23.47 0.77 0.00	23.28 0.41 0.00	26.66 0.59 0.00	26.45 0.67 0.00	23.59 0.51 0.00	22.44 0.44 0.00	23.39 0.60 0.00	24.72 0.54 0.00	25.78 0.56 0.00	30.73 0.90 0.00	27.32 0.92 0.00	25.33 1.03 0.00	29.34 1.35 0.00	29.29 1.29 0.00	23.21 0.90 0.00	22.63 0.80 0.00
JARVIS____ 23743	17.17 0.04 0.00	16.59 0.02 0.00	12.15 0.02 0.00	7.53 0.01 0.00	9.95 0.01 0.00	13.56 0.01 0.00	20.43 0.02 0.00	20.81 0.03 0.00	22.74 0.04 0.00	22.92 0.05 0.00	26.13 0.05 0.00	25.84 0.06 0.00	23.13 0.05 0.00	22.06 0.07 0.00	22.84 0.05 0.00	24.23 0.05 0.00	25.28 0.05 0.00	29.88 0.06 0.00	26.46 0.05 0.00	24.36 0.05 0.00	28.05 0.05 0.00	28.06 0.05 0.00	22.35 0.03 0.00	21.86 0.02 0.00
JENNISON___1 23625	17.76 0.62 0.00	17.15 0.58 0.00	12.55 0.41 0.00	7.79 0.27 0.00	10.32 0.38 0.00	14.10 0.56 0.00	21.37 0.96 0.00	21.80 1.03 0.00	23.82 1.13 0.00	23.82 0.95 0.00	27.26 1.18 0.00	26.97 1.19 0.00	24.07 0.99 0.00	22.94 0.94 0.00	23.86 1.07 0.00	25.31 1.13 0.00	26.39 1.16 0.00	31.32 1.50 0.00	27.69 1.28 0.00	25.59 1.28 0.00	29.54 1.55 0.00	29.49 1.48 0.00	23.39 1.08 0.00	22.76 0.92 0.00
JENNISON___2 23626	17.76 0.62 0.00	17.15 0.58 0.00	12.55 0.41 0.00	7.79 0.27 0.00	10.32 0.38 0.00	14.10 0.56 0.00	21.37 0.96 0.00	21.80 1.03 0.00	23.82 1.13 0.00	23.82 0.95 0.00	27.26 1.18 0.00	26.97 1.19 0.00	24.07 0.99 0.00	22.94 0.94 0.00	23.86 1.07 0.00	25.31 1.13 0.00	26.39 1.16 0.00	31.32 1.50 0.00	27.69 1.28 0.00	25.59 1.28 0.00	29.54 1.55 0.00	29.49 1.48 0.00	23.39 1.08 0.00	22.76 0.92 0.00

JERICO_RISE_WT_PWR 323719	17.25 0.12 0.00	16.59 0.01 0.00	12.10 -0.04 0.00	7.42 -0.10 0.00	9.90 -0.05 0.00	13.73 0.18 0.00	20.93 0.52 0.00	21.36 0.58 0.00	23.03 0.33 0.00	23.00 0.13 0.00	26.36 0.29 0.00	25.93 0.15 0.00	23.27 0.19 0.00	22.24 0.25 0.00	23.14 0.35 0.00	24.56 0.38 0.00	25.75 0.53 0.00	30.48 0.66 0.00	27.04 0.63 0.00	24.96 0.65 0.00	28.73 0.74 0.00	28.72 0.72 0.00	22.92 0.61 0.00	22.42 0.59 0.00
KATONAH__115KV_46KV_TB4 355592	18.09 0.96 0.00	17.41 0.84 0.00	12.75 0.61 0.00	7.91 0.39 0.00	10.45 0.50 0.00	14.24 0.69 0.00	21.44 1.03 0.00	21.95 1.17 0.00	24.04 1.34 0.00	24.30 1.43 0.00	27.71 1.63 0.00	27.51 1.73 0.00	24.67 1.60 0.00	23.63 1.64 0.00	24.49 1.70 0.00	26.02 1.84 0.00	27.16 1.93 0.00	32.05 2.23 0.00	28.27 1.86 0.00	25.91 1.60 0.00	29.72 1.73 0.00	29.74 1.74 0.00	23.69 1.38 0.00	22.95 1.11 0.00
KCE_NY_1 323755	18.34 1.20 0.00	17.66 1.09 0.00	12.92 0.78 0.00	8.02 0.49 0.00	10.60 0.66 0.00	14.42 0.87 0.00	24.09 1.37 -2.31	30.53 1.52 -8.24	30.03 1.66 -5.67	24.85 1.65 -0.34	29.47 1.85 -1.55	27.51 1.73 0.00	24.51 1.43 0.00	23.46 1.46 0.00	24.17 1.38 0.00	25.67 1.49 0.00	26.90 1.67 0.00	31.90 2.08 0.00	28.20 1.79 0.00	25.95 1.64 0.00	29.85 1.86 0.00	29.82 1.81 0.00	23.67 1.36 0.00	23.04 1.21 0.00
KCE_NY_6_ESR 323823	16.63 -0.50 0.00	16.17 -0.41 0.00	11.90 -0.24 0.00	7.44 -0.08 0.00	9.89 -0.05 0.00	13.37 -0.17 0.00	20.27 -0.15 0.00	20.39 -0.39 0.00	22.34 -0.35 0.00	22.56 -0.31 0.00	25.88 -0.19 0.00	25.40 -0.38 0.00	22.71 -0.37 0.00	21.47 -0.52 0.00	22.46 -0.33 0.00	23.59 -0.59 0.00	24.39 -0.84 0.00	28.70 -1.12 0.00	25.49 -0.92 0.00	23.51 -0.79 0.00	27.30 -0.69 0.00	27.19 -0.81 0.00	21.62 -0.69 0.00	21.43 -0.40 0.00
KEDC_PORT_JEFF_GT2 24210	33.80 1.22 -15.44	26.78 1.10 -9.11	16.38 0.80 -3.44	8.00 0.48 0.00	10.56 0.61 0.00	14.46 0.88 -0.03	27.49 1.29 -5.78	31.12 1.44 -8.90	31.25 1.70 -6.85	50.94 1.81 -26.27	28.65 1.77 -0.80	27.96 1.88 -0.30	26.75 1.63 -2.04	25.76 1.68 -2.08	26.24 1.77 -1.68	28.16 1.87 -2.11	27.04 1.74 -0.08	31.66 1.84 0.00	28.11 1.70 0.00	27.75 1.70 -1.74	29.55 1.56 0.00	29.42 1.52 0.10	23.59 1.28 0.00	22.92 1.09 0.00
KEDC_PORT_JEFF_GT3 24211	33.80 1.22 -15.44	26.78 1.10 -9.11	16.38 0.80 -3.44	8.00 0.48 0.00	10.56 0.61 0.00	14.46 0.88 -0.03	27.49 1.29 -5.78	31.12 1.44 -8.90	31.25 1.70 -6.85	50.94 1.81 -26.27	28.65 1.77 -0.80	27.96 1.88 -0.30	26.75 1.63 -2.04	25.76 1.68 -2.08	26.24 1.77 -1.68	28.16 1.87 -2.11	27.04 1.74 -0.08	31.66 1.84 0.00	28.11 1.70 0.00	27.75 1.70 -1.74	29.55 1.56 0.00	29.42 1.52 0.10	23.59 1.28 0.00	22.92 1.09 0.00
KEDC_GLWD_GT4 24219	33.71 1.14 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.98 0.45 0.00	10.53 0.59 0.00	14.40 0.81 -0.03	27.40 1.20 -5.78	31.02 1.34 -8.90	30.95 1.41 -6.85	50.64 1.50 -26.27	28.55 1.68 -0.80	27.92 1.84 -0.30	26.97 1.84 -2.04	25.95 1.88 -2.08	26.44 1.96 -1.68	28.39 2.10 -2.11	27.31 2.00 -0.08	32.06 2.24 0.00	28.31 1.90 0.00	27.71 1.66 -1.74	29.69 1.70 0.00	29.87 1.86 -0.01	23.78 1.47 0.00	23.04 1.21 0.00
KEDC_GLWD_GT5 24220	33.71 1.14 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.98 0.45 0.00	10.53 0.59 0.00	14.40 0.81 -0.03	27.40 1.20 -5.78	31.02 1.34 -8.90	30.95 1.41 -6.85	50.64 1.50 -26.27	28.55 1.68 -0.80	27.92 1.84 -0.30	26.97 1.84 -2.04	25.95 1.88 -2.08	26.44 1.96 -1.68	28.39 2.10 -2.11	27.31 2.00 -0.08	32.06 2.24 0.00	28.31 1.90 0.00	27.71 1.66 -1.74	29.69 1.70 0.00	29.87 1.86 -0.01	23.78 1.47 0.00	23.04 1.21 0.00
KENSICO____ 23655	18.03 0.90 0.00	17.35 0.77 0.00	12.70 0.56 0.00	7.88 0.35 0.00	10.40 0.46 0.00	14.18 0.63 0.00	21.33 0.91 0.00	21.83 1.06 0.00	23.92 1.22 0.00	24.18 1.31 0.00	27.57 1.50 0.00	27.39 1.61 0.00	24.58 1.49 0.00	23.54 1.55 0.00	24.41 1.62 0.00	25.93 1.75 0.00	27.04 1.81 0.00	31.90 2.08 0.00	28.12 1.71 0.00	25.77 1.46 0.00	29.55 1.56 0.00	29.58 1.58 0.00	23.58 1.27 0.00	22.85 1.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.94 0.81 0.00	17.27 0.69 0.00	12.64 0.49 0.00	7.84 0.31 0.00	10.33 0.39 0.00	14.08 0.53 0.00	21.25 0.84 0.00	21.22 0.96 0.53	23.23 1.04 0.50	23.95 1.08 0.00	27.43 1.36 0.00	27.27 1.49 0.00	24.45 1.37 0.00	23.41 1.42 0.00	24.17 1.38 0.00	25.72 1.54 0.00	26.90 1.67 0.00	31.79 1.97 0.00	28.06 1.65 0.00	25.76 1.45 0.00	29.62 1.63 0.00	29.56 1.56 0.00	23.53 1.22 0.00	22.79 0.96 0.00
KIAC_JFK_GT1 23816	18.10 0.97 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.93 0.40 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.37 0.96 0.00	21.91 1.13 0.00	24.00 1.31 0.00	24.26 1.40 0.00	27.60 1.52 0.00	27.40 1.62 0.00	24.61 1.53 0.00	23.58 1.58 0.00	24.48 1.69 0.00	25.95 1.78 0.00	27.00 1.77 0.00	31.84 2.02 0.00	28.07 1.66 0.00	25.72 1.42 0.00	29.61 1.62 0.00	29.65 1.65 0.00	23.74 1.43 0.00	22.95 1.11 0.00
KIAC_JFK_GT2 23817	18.10 0.97 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.93 0.40 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.37 0.96 0.00	21.91 1.13 0.00	24.00 1.31 0.00	24.26 1.40 0.00	27.60 1.52 0.00	27.40 1.62 0.00	24.61 1.53 0.00	23.58 1.58 0.00	24.48 1.69 0.00	25.95 1.78 0.00	27.00 1.77 0.00	31.84 2.02 0.00	28.07 1.66 0.00	25.72 1.42 0.00	29.61 1.62 0.00	29.65 1.65 0.00	23.74 1.43 0.00	22.95 1.11 0.00
KIAC_JFK____ 323774	18.10 0.97 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.93 0.40 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.37 0.96 0.00	21.90 1.13 0.00	24.00 1.31 0.00	24.26 1.39 0.00	27.60 1.53 0.00	27.40 1.62 0.00	24.60 1.52 0.00	23.58 1.58 0.00	24.48 1.69 0.00	25.95 1.78 0.00	26.99 1.77 0.00	31.84 2.02 0.00	28.07 1.66 0.00	25.72 1.42 0.00	29.61 1.62 0.00	29.65 1.64 0.00	23.75 1.44 0.00	22.95 1.11 0.00
KINTIGH____ 23543	16.53 -0.61 0.00	16.07 -0.51 0.00	11.82 -0.32 0.00	7.38 -0.14 0.00	9.79 -0.16 0.00	13.24 -0.31 0.00	20.05 -0.37 0.00	20.14 -0.64 0.00	22.07 -0.62 0.00	22.31 -0.56 0.00	25.57 -0.50 0.00	25.09 -0.69 0.00	22.41 -0.67 0.00	21.17 -0.83 0.00	22.09 -0.70 0.00	23.21 -0.97 0.00	24.03 -1.20 0.00	28.33 -1.49 0.00	25.21 -1.20 0.00	23.20 -1.11 0.00	26.91 -1.08 0.00	26.86 -1.15 0.00	21.40 -0.91 0.00	21.23 -0.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.60 0.47 0.00	16.89 0.31 0.00	12.32 0.17 0.00	7.54 0.02 0.00	10.06 0.12 0.00	13.98 0.43 0.00	21.39 0.98 0.00	21.89 1.11 0.00	23.58 0.88 0.00	23.51 0.65 0.00	26.93 0.86 0.00	26.40 0.62 0.00	23.69 0.61 0.00	22.66 0.67 0.00	23.52 0.72 0.00	24.90 0.71 0.00	26.14 0.91 0.00	30.98 1.16 0.00	27.47 1.06 0.00	25.36 1.06 0.00	29.18 1.19 0.00	29.14 1.14 0.00	23.22 0.91 0.00	22.71 0.88 0.00

LACHUTE____HYDRO 323717	19.53 2.40 0.00	18.65 2.07 0.00	13.63 1.49 0.00	8.45 0.92 0.00	11.20 1.26 0.00	15.22 1.67 0.00	25.20 2.75 -2.04	31.10 2.95 -7.37	30.98 3.19 -5.10	26.28 3.11 -0.30	30.99 3.54 -1.38	29.18 3.40 0.00	26.02 2.94 0.00	24.90 2.90 0.00	25.23 2.43 0.00	27.03 2.85 0.00	28.18 2.95 0.00	33.60 3.78 0.00	29.67 3.26 0.00	27.20 2.89 0.00	31.21 3.22 0.00	31.10 3.09 0.00	24.72 2.41 0.00	24.06 2.23 0.00
LAWRNCAV_115KV_TB1 80681	17.24 0.11 0.00	16.66 0.08 0.00	12.18 0.04 0.00	7.50 -0.02 0.00	9.91 -0.04 0.00	13.60 0.05 0.00	20.66 0.25 0.00	21.19 0.41 0.00	23.04 0.35 0.00	23.10 0.23 0.00	26.42 0.35 0.00	26.05 0.27 0.00	23.18 0.10 0.00	22.06 0.07 0.00	22.87 0.08 0.00	24.33 0.15 0.00	25.29 0.07 0.00	29.58 -0.24 0.00	26.66 0.25 0.00	24.70 0.39 0.00	28.61 0.62 0.00	28.65 0.65 0.00	22.86 0.55 0.00	22.33 0.49 0.00
LEDERLE____ 23769	18.00 0.87 0.00	17.31 0.74 0.00	12.67 0.53 0.00	7.87 0.34 0.00	10.38 0.43 0.00	14.15 0.60 0.00	21.29 0.88 0.00	21.80 1.02 0.00	23.89 1.19 0.00	24.15 1.28 0.00	27.56 1.49 0.00	27.40 1.62 0.00	24.58 1.50 0.00	23.54 1.55 0.00	24.40 1.61 0.00	25.95 1.77 0.00	27.06 1.84 0.00	31.92 2.10 0.00	28.13 1.72 0.00	25.76 1.46 0.00	29.56 1.56 0.00	29.59 1.59 0.00	23.57 1.26 0.00	22.83 1.00 0.00
LIGHTHSE_115KV_TB6 355974	17.02 -0.11 0.00	16.37 -0.20 0.00	11.97 -0.17 0.00	7.40 -0.12 0.00	9.77 -0.17 0.00	13.37 -0.18 0.00	20.29 -0.12 0.00	20.65 -0.12 0.00	22.51 -0.18 0.00	22.62 -0.25 0.00	25.84 -0.23 0.00	25.47 -0.31 0.00	22.73 -0.35 0.00	21.61 -0.38 0.00	22.42 -0.37 0.00	23.72 -0.46 0.00	24.75 -0.48 0.00	29.29 -0.53 0.00	26.07 -0.34 0.00	24.10 -0.21 0.00	27.97 -0.03 0.00	28.06 0.05 0.00	22.29 -0.02 0.00	21.82 -0.01 0.00
LINDEN COGEN____ 23786	17.98 0.85 0.00	17.29 0.72 0.00	12.67 0.53 0.00	7.86 0.33 0.00	10.37 0.43 0.00	14.14 0.59 0.00	21.25 0.84 0.00	21.76 0.98 0.00	23.84 1.15 0.00	24.12 1.25 0.00	27.51 1.43 0.00	27.36 1.58 0.00	24.57 1.49 0.00	23.55 1.56 0.00	24.41 1.62 0.00	25.91 1.73 0.00	26.97 1.75 0.00	31.14 1.97 0.64	28.01 1.61 0.00	25.65 1.35 0.00	29.43 1.44 0.00	29.50 1.49 0.00	23.57 1.26 0.00	22.81 0.98 0.00
LINDHRST_69_KV_BK1 356055	33.93 1.35 -15.44	26.90 1.21 -9.11	16.46 0.88 -3.44	8.05 0.53 0.00	10.62 0.68 0.00	14.55 0.96 -0.03	27.63 1.44 -5.78	31.28 1.60 -8.90	31.45 1.91 -6.85	51.12 1.98 -26.27	28.87 2.00 -0.80	28.26 2.18 -0.30	27.01 1.88 -2.04	25.99 1.91 -2.08	26.45 1.98 -1.68	28.38 2.10 -2.11	27.43 2.13 -0.08	32.14 2.32 0.00	28.50 2.09 0.00	28.04 1.99 -1.74	29.95 1.95 0.00	29.93 2.00 0.07	23.87 1.56 0.00	23.16 1.33 0.00
LIPA_MISC_IPP 23656	33.67 1.10 -15.44	26.66 0.98 -9.11	16.30 0.72 -3.44	7.95 0.42 0.00	10.49 0.54 0.00	14.37 0.79 -0.03	27.34 1.14 -5.78	30.96 1.29 -8.90	31.08 1.54 -6.85	50.77 1.63 -26.27	28.45 1.58 -0.80	27.80 1.72 -0.30	26.61 1.48 -2.04	25.62 1.54 -2.08	26.06 1.59 -1.68	27.98 1.69 -2.11	27.01 1.70 -0.08	31.64 1.82 0.00	28.08 1.67 0.00	27.66 1.61 -1.74	29.45 1.46 0.00	29.31 1.41 0.10	23.42 1.12 0.00	22.77 0.93 0.00
LISF____SOLAR 323691	33.68 1.11 -15.44	26.67 0.99 -9.11	16.30 0.73 -3.44	7.96 0.43 0.00	10.49 0.55 0.00	14.38 0.79 -0.03	27.34 1.15 -5.78	30.97 1.29 -8.90	31.09 1.55 -6.85	50.79 1.64 -26.27	28.46 1.59 -0.80	27.82 1.73 -0.30	26.62 1.50 -2.04	25.64 1.56 -2.08	26.06 1.59 -1.68	27.97 1.68 -2.11	27.01 1.70 -0.08	31.66 1.84 0.00	28.11 1.70 0.00	27.69 1.65 -1.74	29.48 1.49 0.00	29.34 1.44 0.10	23.45 1.14 0.00	22.78 0.95 0.00
LITTLE FALLS____HYD 24013	17.10 -0.03 0.00	16.52 -0.06 0.00	12.11 -0.03 0.00	7.47 -0.06 0.00	9.89 -0.05 0.00	13.43 -0.12 0.00	20.17 -0.24 0.00	20.80 0.02 0.00	22.83 0.13 0.00	22.96 0.08 0.00	26.15 0.08 0.00	25.94 0.16 0.00	23.06 -0.02 0.00	22.24 0.24 0.00	22.86 0.07 0.00	24.09 -0.09 0.00	25.26 0.04 0.00	29.99 0.17 0.00	26.55 0.14 0.00	24.51 0.20 0.00	28.20 0.21 0.00	28.12 0.12 0.00	22.36 0.04 0.00	21.64 -0.19 0.00
LITTLRIV_115KV_TB1 356100	17.42 0.29 0.00	16.83 0.26 0.00	12.31 0.17 0.00	7.58 0.05 0.00	10.01 0.07 0.00	13.75 0.20 0.00	20.90 0.49 0.00	21.38 0.60 0.00	23.26 0.57 0.00	23.32 0.45 0.00	26.62 0.55 0.00	26.25 0.48 0.00	23.40 0.32 0.00	22.28 0.28 0.00	23.09 0.29 0.00	24.58 0.40 0.00	25.54 0.31 0.00	29.92 0.10 0.00	26.90 0.49 0.00	24.93 0.62 0.00	28.89 0.89 0.00	28.92 0.92 0.00	23.05 0.75 0.00	22.50 0.67 0.00
LI_NEWBRDGE____DRP 323616	33.67 1.10 -15.44	26.66 0.98 -9.11	16.29 0.72 -3.44	7.96 0.43 0.00	10.50 0.55 0.00	14.37 0.78 -0.03	27.35 1.16 -5.78	30.97 1.30 -8.90	31.06 1.52 -6.85	50.74 1.61 -26.27	28.53 1.65 -0.80	27.89 1.82 -0.30	26.75 1.63 -2.04	25.75 1.67 -2.08	26.23 1.76 -1.68	28.15 1.86 -2.11	27.19 1.88 -0.08	31.85 2.03 0.00	28.18 1.77 0.00	27.67 1.62 -1.74	29.56 1.57 0.00	29.48 1.60 0.12	23.56 1.25 0.00	22.87 1.03 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.48 -0.65 0.00	16.04 -0.54 0.00	11.82 -0.32 0.00	7.42 -0.11 0.00	9.84 -0.10 0.00	13.26 -0.29 0.00	20.05 -0.36 0.00	20.08 -0.70 0.00	22.01 -0.68 0.00	22.27 -0.60 0.00	25.53 -0.54 0.00	25.04 -0.74 0.00	22.36 -0.72 0.00	21.10 -0.90 0.00	22.02 -0.77 0.00	23.12 -1.06 0.00	23.92 -1.31 0.00	28.23 -1.59 0.00	25.16 -1.25 0.00	23.16 -1.15 0.00	26.90 -1.09 0.00	26.81 -1.20 0.00	21.34 -0.97 0.00	21.25 -0.59 0.00
LOCKPORT____CC1 323769	16.49 -0.64 0.00	16.04 -0.54 0.00	11.82 -0.32 0.00	7.41 -0.12 0.00	9.83 -0.11 0.00	13.25 -0.30 0.00	20.05 -0.36 0.00	20.10 -0.68 0.00	22.02 -0.68 0.00	22.27 -0.60 0.00	25.53 -0.54 0.00	25.05 -0.73 0.00	22.37 -0.71 0.00	21.10 -0.90 0.00	22.03 -0.76 0.00	23.13 -1.05 0.00	23.92 -1.31 0.00	28.21 -1.62 0.00	25.14 -1.27 0.00	23.14 -1.16 0.00	26.88 -1.12 0.00	26.79 -1.22 0.00	21.32 -0.99 0.00	21.24 -0.60 0.00
LOCKPORT____CC2 323770	16.49 -0.64 0.00	16.04 -0.54 0.00	11.82 -0.32 0.00	7.41 -0.12 0.00	9.83 -0.11 0.00	13.25 -0.30 0.00	20.05 -0.36 0.00	20.10 -0.68 0.00	22.02 -0.68 0.00	22.27 -0.60 0.00	25.53 -0.54 0.00	25.05 -0.73 0.00	22.37 -0.71 0.00	21.10 -0.90 0.00	22.03 -0.76 0.00	23.13 -1.05 0.00	23.92 -1.31 0.00	28.21 -1.62 0.00	25.14 -1.27 0.00	23.14 -1.16 0.00	26.88 -1.12 0.00	26.79 -1.22 0.00	21.32 -0.99 0.00	21.24 -0.60 0.00
LOCKPORT____CC3 323771	16.49 -0.64 0.00	16.04 -0.54 0.00	11.82 -0.32 0.00	7.41 -0.12 0.00	9.83 -0.11 0.00	13.25 -0.30 0.00	20.05 -0.36 0.00	20.10 -0.68 0.00	22.02 -0.68 0.00	22.27 -0.60 0.00	25.53 -0.54 0.00	25.05 -0.73 0.00	22.37 -0.71 0.00	21.10 -0.90 0.00	22.03 -0.76 0.00	23.13 -1.05 0.00	23.92 -1.31 0.00	28.21 -1.62 0.00	25.14 -1.27 0.00	23.14 -1.16 0.00	26.88 -1.12 0.00	26.79 -1.22 0.00	21.32 -0.99 0.00	21.24 -0.60 0.00

LONG_LAKE_PHOENIX 24014	16.89 -0.24 0.00	16.32 -0.25 0.00	11.96 -0.18 0.00	7.42 -0.11 0.00	9.82 -0.13 0.00	13.38 -0.17 0.00	20.17 -0.24 0.00	20.47 -0.31 0.00	22.33 -0.36 0.00	22.51 -0.37 0.00	25.66 -0.41 0.00	25.37 -0.41 0.00	22.65 -0.43 0.00	21.55 -0.44 0.00	22.35 -0.44 0.00	23.66 -0.52 0.00	24.69 -0.54 0.00	29.23 -0.60 0.00	25.90 -0.51 0.00	23.84 -0.47 0.00	27.50 -0.49 0.00	27.48 -0.52 0.00	21.87 -0.44 0.00	21.48 -0.36 0.00
LOVETT___3 23632	17.92 0.79 0.00	17.24 0.67 0.00	12.63 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.10 0.55 0.00	21.20 0.79 0.00	21.71 0.93 0.00	23.77 1.08 0.00	24.03 1.16 0.00	27.42 1.34 0.00	27.25 1.47 0.00	24.44 1.37 0.00	23.41 1.41 0.00	24.27 1.48 0.00	25.80 1.62 0.00	26.91 1.68 0.00	31.74 1.92 0.00	27.98 1.57 0.00	25.62 1.32 0.00	29.40 1.41 0.00	29.44 1.44 0.00	23.46 1.15 0.00	22.73 0.90 0.00
LOVETT___4 23642	17.92 0.79 0.00	17.24 0.67 0.00	12.63 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.10 0.55 0.00	21.20 0.79 0.00	21.71 0.93 0.00	23.77 1.08 0.00	24.03 1.16 0.00	27.42 1.34 0.00	27.25 1.47 0.00	24.44 1.37 0.00	23.41 1.41 0.00	24.27 1.48 0.00	25.80 1.62 0.00	26.91 1.68 0.00	31.74 1.92 0.00	27.98 1.57 0.00	25.62 1.32 0.00	29.40 1.41 0.00	29.44 1.44 0.00	23.46 1.15 0.00	22.73 0.90 0.00
LOVETT___5 23593	17.92 0.79 0.00	17.24 0.67 0.00	12.63 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.10 0.55 0.00	21.20 0.79 0.00	21.71 0.93 0.00	23.77 1.08 0.00	24.03 1.16 0.00	27.42 1.34 0.00	27.25 1.47 0.00	24.44 1.37 0.00	23.41 1.41 0.00	24.27 1.48 0.00	25.80 1.62 0.00	26.91 1.68 0.00	31.74 1.92 0.00	27.98 1.57 0.00	25.62 1.32 0.00	29.40 1.41 0.00	29.44 1.44 0.00	23.46 1.15 0.00	22.73 0.90 0.00
LOWER RAQUET___HYD 24057	17.26 0.13 0.00	16.66 0.09 0.00	12.18 0.04 0.00	7.50 -0.03 0.00	9.91 -0.04 0.00	13.60 0.06 0.00	20.68 0.27 0.00	21.18 0.41 0.00	23.04 0.35 0.00	23.10 0.23 0.00	26.42 0.35 0.00	26.05 0.27 0.00	23.18 0.10 0.00	22.06 0.07 0.00	22.87 0.08 0.00	24.34 0.16 0.00	25.29 0.07 0.00	29.58 -0.24 0.00	26.66 0.25 0.00	24.70 0.39 0.00	28.61 0.62 0.00	28.66 0.65 0.00	22.86 0.55 0.00	22.33 0.49 0.00
LOWER___HUDSON 24059	17.98 0.85 0.00	17.34 0.77 0.00	12.71 0.57 0.00	7.89 0.36 0.00	10.42 0.47 0.00	14.16 0.61 0.00	26.64 0.95 -5.28	39.90 1.10 -18.02	36.10 1.22 -12.19	24.85 1.21 -0.78	30.93 1.30 -3.55	27.05 1.27 0.00	24.18 1.09 0.00	23.18 1.18 0.00	23.89 1.10 0.00	25.32 1.14 0.00	26.48 1.26 0.00	31.32 1.50 0.00	27.66 1.26 0.00	25.49 1.19 0.00	29.32 1.33 0.00	29.32 1.32 0.00	23.33 1.02 0.00	22.74 0.90 0.00
LOWVILLE_115KV_TB2 356335	17.38 0.25 0.00	16.58 0.00 0.00	12.09 -0.05 0.00	7.40 -0.13 0.00	9.72 -0.23 0.00	13.42 -0.13 0.00	20.60 0.19 0.00	21.13 0.35 0.00	23.06 0.37 0.00	23.06 0.19 0.00	26.48 0.40 0.00	26.15 0.37 0.00	23.28 0.19 0.00	22.15 0.16 0.00	22.95 0.16 0.00	24.38 0.20 0.00	25.47 0.24 0.00	30.10 0.27 0.00	26.94 0.53 0.00	25.00 0.69 0.00	29.08 1.08 0.00	29.10 1.09 0.00	23.13 0.82 0.00	22.54 0.70 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.32 1.19 0.00	17.66 1.09 0.00	12.92 0.79 0.00	8.02 0.50 0.00	10.60 0.66 0.00	14.42 0.87 0.00	24.09 1.37 -2.31	30.52 1.51 -8.24	30.02 1.65 -5.67	24.84 1.63 -0.34	29.44 1.82 -1.55	27.50 1.72 0.00	24.50 1.42 0.00	23.45 1.45 0.00	24.17 1.38 0.00	25.67 1.49 0.00	26.86 1.64 0.00	31.85 2.03 0.00	28.17 1.76 0.00	25.92 1.62 0.00	29.82 1.83 0.00	29.80 1.79 0.00	23.67 1.36 0.00	23.05 1.21 0.00
LUTHERNY_35_KV_BK2 355980	18.34 1.20 0.00	17.66 1.09 0.00	12.92 0.77 0.00	8.02 0.49 0.00	10.60 0.66 0.00	14.42 0.87 0.00	24.09 1.37 -2.31	30.53 1.52 -8.24	30.03 1.66 -5.67	24.85 1.65 -0.34	29.47 1.85 -1.55	27.52 1.73 0.00	24.51 1.43 0.00	23.46 1.46 0.00	24.18 1.38 0.00	25.67 1.49 0.00	26.90 1.67 0.00	31.90 2.08 0.00	28.20 1.79 0.00	25.95 1.64 0.00	29.85 1.86 0.00	29.82 1.81 0.00	23.67 1.35 0.00	23.05 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	17.33 0.19 0.00	16.63 0.05 0.00	12.14 0.00 0.00	7.46 -0.07 0.00	9.82 -0.12 0.00	13.52 -0.02 0.00	20.66 0.25 0.00	21.17 0.39 0.00	23.05 0.35 0.00	23.07 0.20 0.00	26.42 0.35 0.00	26.02 0.24 0.00	23.17 0.09 0.00	22.04 0.04 0.00	22.86 0.07 0.00	24.31 0.13 0.00	25.33 0.10 0.00	29.77 -0.05 0.00	26.76 0.35 0.00	24.83 0.52 0.00	28.86 0.86 0.00	28.90 0.89 0.00	23.01 0.70 0.00	22.45 0.62 0.00
LYONS_FALL_HYD 23570	17.40 0.27 0.00	16.67 0.10 0.00	12.18 0.04 0.00	7.49 -0.04 0.00	9.86 -0.08 0.00	13.55 0.01 0.00	20.67 0.26 0.00	21.14 0.37 0.00	23.09 0.39 0.00	23.16 0.29 0.00	26.50 0.42 0.00	26.20 0.42 0.00	23.38 0.30 0.00	22.27 0.27 0.00	23.06 0.27 0.00	24.47 0.30 0.00	25.53 0.31 0.00	30.21 0.39 0.00	26.95 0.54 0.00	24.95 0.65 0.00	28.92 0.93 0.00	28.93 0.92 0.00	22.97 0.66 0.00	22.41 0.58 0.00
MADISON___COUNTY_LFGE 323628	17.43 0.30 0.00	16.81 0.24 0.00	12.31 0.17 0.00	7.62 0.10 0.00	10.08 0.13 0.00	13.76 0.21 0.00	20.81 0.40 0.00	21.18 0.40 0.00	23.14 0.44 0.00	23.32 0.45 0.00	26.53 0.46 0.00	26.32 0.54 0.00	23.51 0.43 0.00	22.41 0.42 0.00	23.24 0.45 0.00	24.61 0.43 0.00	25.65 0.42 0.00	30.39 0.57 0.00	26.98 0.57 0.00	24.91 0.61 0.00	28.79 0.79 0.00	28.73 0.73 0.00	22.82 0.51 0.00	22.28 0.44 0.00
MALONE___115KV_TB1 356076	17.42 0.29 0.00	16.75 0.18 0.00	12.23 0.09 0.00	7.50 -0.02 0.00	9.98 0.04 0.00	13.82 0.27 0.00	21.08 0.66 0.00	21.55 0.77 0.00	23.29 0.60 0.00	23.27 0.40 0.00	26.67 0.60 0.00	26.26 0.48 0.00	23.50 0.42 0.00	22.43 0.43 0.00	23.32 0.52 0.00	24.76 0.58 0.00	25.92 0.70 0.00	30.60 0.78 0.00	27.25 0.84 0.00	25.16 0.85 0.00	29.02 1.03 0.00	29.01 1.00 0.00	23.13 0.82 0.00	22.60 0.77 0.00
MAPLEWOD_115KV_TB3 80458	17.94 0.81 0.00	17.30 0.72 0.00	12.68 0.54 0.00	7.87 0.34 0.00	10.39 0.45 0.00	14.12 0.57 0.00	18.19 0.83 3.05	10.37 0.95 11.36	15.80 1.07 7.96	23.48 1.06 0.45	25.12 1.10 2.05	26.87 1.09 0.00	24.06 0.98 0.00	23.08 1.09 0.00	23.83 1.04 0.00	25.24 1.06 0.00	26.40 1.17 0.00	31.28 1.45 0.00	27.69 1.28 0.00	25.49 1.18 0.00	29.31 1.31 0.00	29.30 1.29 0.00	23.31 1.00 0.00	22.70 0.86 0.00
MAPLE RIDGE_WT_1 323574	16.90 -0.23 0.00	16.32 -0.25 0.00	11.91 -0.23 0.00	7.28 -0.25 0.00	9.49 -0.46 0.00	13.03 -0.52 0.00	19.91 -0.50 0.00	20.42 -0.36 0.00	22.38 -0.32 0.00	22.47 -0.40 0.00	25.69 -0.38 0.00	25.42 -0.37 0.00	22.79 -0.29 0.00	21.73 -0.26 0.00	22.56 -0.23 0.00	24.00 -0.18 0.00	25.08 -0.14 0.00	29.64 -0.18 0.00	26.30 -0.11 0.00	24.21 -0.09 0.00	27.91 -0.09 0.00	27.94 -0.07 0.00	22.27 -0.04 0.00	21.79 -0.04 0.00

MAPLE_RIDGE_WT_2 323611	16.90 -0.23 0.00	16.32 -0.25 0.00	11.91 -0.23 0.00	7.28 -0.25 0.00	9.49 -0.46 0.00	13.03 -0.52 0.00	19.91 -0.50 0.00	20.42 -0.36 0.00	22.38 -0.32 0.00	22.47 -0.40 0.00	25.69 -0.38 0.00	25.42 -0.37 0.00	22.79 -0.29 0.00	21.73 -0.26 0.00	22.56 -0.23 0.00	24.00 -0.18 0.00	25.08 -0.14 0.00	29.64 -0.18 0.00	26.30 -0.11 0.00	24.21 -0.09 0.00	27.91 -0.09 0.00	27.94 -0.07 0.00	22.27 -0.04 0.00	21.79 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	17.26 0.13 0.00	16.58 0.00 0.00	12.08 -0.06 0.00	7.42 -0.11 0.00	9.89 -0.05 0.00	13.74 0.19 0.00	20.97 0.56 0.00	21.41 0.63 0.00	23.06 0.37 0.00	23.01 0.14 0.00	26.38 0.31 0.00	25.96 0.18 0.00	23.30 0.22 0.00	22.29 0.29 0.00	23.21 0.42 0.00	24.61 0.43 0.00	25.83 0.60 0.00	30.57 0.75 0.00	27.10 0.69 0.00	25.02 0.71 0.00	28.79 0.80 0.00	28.77 0.76 0.00	22.96 0.65 0.00	22.46 0.63 0.00
MARSHVLE_115KV_TB1 80742	18.30 1.17 0.00	17.72 1.15 0.00	12.96 0.82 0.00	8.01 0.48 0.00	10.56 0.62 0.00	14.44 0.89 0.00	21.98 1.57 0.00	23.25 1.54 -0.93	25.26 1.67 -0.90	24.50 1.62 0.00	28.06 1.99 0.00	27.66 1.88 0.00	24.68 1.59 0.00	23.28 1.29 0.00	24.25 1.45 0.00	25.72 1.54 0.00	26.81 1.59 0.00	31.70 1.87 0.00	28.26 1.85 0.00	26.06 1.75 0.00	30.10 2.11 0.00	30.26 2.26 0.00	24.03 1.72 0.00	23.54 1.70 0.00
MARSH_HILL_WT_PWR 323713	16.47 -0.66 0.00	16.05 -0.53 0.00	11.74 -0.40 0.00	7.34 -0.18 0.00	9.84 -0.10 0.00	13.30 -0.25 0.00	20.31 -0.10 0.00	20.68 -0.10 0.00	22.88 0.19 0.00	23.06 0.19 0.00	26.22 0.14 0.00	25.85 0.07 0.00	23.13 0.05 0.00	21.98 -0.01 0.00	23.05 0.25 0.00	24.08 -0.10 0.00	25.02 -0.20 0.00	29.62 -0.20 0.00	26.22 -0.19 0.00	24.26 -0.05 0.00	27.97 -0.02 0.00	27.66 -0.34 0.00	21.79 -0.52 0.00	21.28 -0.56 0.00
MCINTYRE_115KV_TB2 80467	17.50 0.37 0.00	16.93 0.36 0.00	12.38 0.24 0.00	7.63 0.10 0.00	10.08 0.13 0.00	13.83 0.28 0.00	21.01 0.60 0.00	21.44 0.66 0.00	23.33 0.64 0.00	23.39 0.53 0.00	26.66 0.59 0.00	26.26 0.49 0.00	23.47 0.39 0.00	22.31 0.32 0.00	23.15 0.36 0.00	24.67 0.49 0.00	25.65 0.42 0.00	30.13 0.31 0.00	26.99 0.58 0.00	25.00 0.70 0.00	28.97 0.98 0.00	29.02 1.01 0.00	23.11 0.80 0.00	22.56 0.72 0.00
MECO____69_KV_BK1 80468	18.69 1.56 0.00	18.04 1.47 0.00	13.21 1.07 0.00	8.16 0.63 0.00	10.79 0.84 0.00	14.76 1.21 0.00	22.66 2.05 -0.19	23.98 1.99 -1.21	25.85 2.18 -0.97	25.00 2.10 -0.03	28.61 2.41 -0.13	28.22 2.44 0.00	24.81 1.73 0.00	23.60 1.60 0.00	24.43 1.64 0.00	25.79 1.61 0.00	27.00 1.78 0.00	31.94 2.12 0.00	28.81 2.40 0.00	26.66 2.36 0.00	30.85 2.86 0.00	30.95 2.95 0.00	24.56 2.25 0.00	23.91 2.07 0.00
MENANDS__115KV_TB5 355628	17.68 0.55 0.00	17.06 0.49 0.00	12.53 0.39 0.00	7.77 0.25 0.00	10.26 0.32 0.00	13.93 0.38 0.00	18.44 0.51 2.47	16.99 0.81 4.59	21.73 1.05 2.01	23.24 0.74 0.36	25.16 0.75 1.66	26.53 0.75 0.00	23.78 0.70 0.00	22.81 0.82 0.00	23.57 0.78 0.00	24.96 0.78 0.00	26.08 0.85 0.00	30.89 1.07 0.00	27.31 0.91 0.00	25.14 0.84 0.00	28.89 0.89 0.00	28.88 0.87 0.00	22.98 0.67 0.00	22.39 0.55 0.00
MG INDUSTRY__DRP 24185	17.74 0.60 0.00	17.13 0.55 0.00	12.57 0.43 0.00	7.81 0.28 0.00	10.31 0.37 0.00	14.00 0.45 0.00	19.34 0.61 1.69	15.22 0.74 6.29	19.11 0.83 4.41	23.44 0.81 0.25	25.77 0.83 1.13	26.59 0.81 0.00	23.83 0.75 0.00	22.85 0.85 0.00	23.61 0.82 0.00	25.00 0.82 0.00	26.10 0.88 0.00	30.93 1.11 0.00	27.37 0.96 0.00	25.20 0.90 0.00	28.98 0.99 0.00	28.97 0.97 0.00	23.06 0.76 0.00	22.49 0.65 0.00
MID__OSWEGATCHIE_HYD 23849	17.33 0.19 0.00	16.63 0.05 0.00	12.14 0.00 0.00	7.46 -0.07 0.00	9.82 -0.12 0.00	13.52 -0.02 0.00	20.66 0.25 0.00	21.17 0.39 0.00	23.05 0.35 0.00	23.07 0.20 0.00	26.42 0.35 0.00	26.02 0.24 0.00	23.17 0.09 0.00	22.04 0.04 0.00	22.86 0.07 0.00	24.31 0.13 0.00	25.33 0.10 0.00	29.77 -0.05 0.00	26.76 0.35 0.00	24.83 0.52 0.00	28.86 0.86 0.00	28.90 0.89 0.00	23.01 0.70 0.00	22.45 0.62 0.00
MID__RAQUETTE_HYD 23851	17.26 0.13 0.00	16.66 0.09 0.00	12.18 0.04 0.00	7.50 -0.03 0.00	9.91 -0.04 0.00	13.60 0.06 0.00	20.68 0.27 0.00	21.18 0.41 0.00	23.04 0.35 0.00	23.10 0.23 0.00	26.42 0.35 0.00	26.05 0.27 0.00	23.18 0.10 0.00	22.06 0.07 0.00	22.87 0.08 0.00	24.33 0.15 0.00	25.29 0.07 0.00	29.58 -0.24 0.00	26.66 0.25 0.00	24.70 0.39 0.00	28.61 0.62 0.00	28.65 0.65 0.00	22.86 0.55 0.00	22.33 0.49 0.00
MILLIKEN__1 23584	17.31 0.18 0.00	16.74 0.16 0.00	12.26 0.12 0.00	7.61 0.08 0.00	10.09 0.14 0.00	13.75 0.21 0.00	20.79 0.38 0.00	21.13 0.35 0.00	23.05 0.35 0.00	23.16 0.29 0.00	26.41 0.34 0.00	26.15 0.37 0.00	23.36 0.28 0.00	22.27 0.27 0.00	23.11 0.32 0.00	24.45 0.27 0.00	25.52 0.29 0.00	30.21 0.39 0.00	26.78 0.37 0.00	24.71 0.41 0.00	28.54 0.54 0.00	28.54 0.54 0.00	22.67 0.36 0.00	22.16 0.33 0.00
MILLIKEN__2 23585	17.31 0.18 0.00	16.74 0.16 0.00	12.26 0.12 0.00	7.61 0.08 0.00	10.09 0.14 0.00	13.75 0.21 0.00	20.79 0.38 0.00	21.13 0.35 0.00	23.05 0.35 0.00	23.16 0.29 0.00	26.41 0.34 0.00	26.15 0.37 0.00	23.36 0.28 0.00	22.27 0.27 0.00	23.11 0.32 0.00	24.45 0.27 0.00	25.52 0.29 0.00	30.21 0.39 0.00	26.78 0.37 0.00	24.71 0.41 0.00	28.54 0.54 0.00	28.54 0.54 0.00	22.67 0.36 0.00	22.16 0.33 0.00
MILLIKEN__DIESEL 23629	17.31 0.18 0.00	16.74 0.16 0.00	12.26 0.12 0.00	7.61 0.08 0.00	10.09 0.14 0.00	13.75 0.21 0.00	20.79 0.38 0.00	21.13 0.35 0.00	23.05 0.35 0.00	23.16 0.29 0.00	26.41 0.34 0.00	26.15 0.37 0.00	23.36 0.28 0.00	22.27 0.27 0.00	23.11 0.32 0.00	24.45 0.27 0.00	25.52 0.29 0.00	30.21 0.39 0.00	26.78 0.37 0.00	24.71 0.41 0.00	28.54 0.54 0.00	28.54 0.54 0.00	22.67 0.36 0.00	22.16 0.33 0.00
MILLSEAT__LFGE 323607	16.79 -0.34 0.00	16.31 -0.26 0.00	12.01 -0.13 0.00	7.52 0.00 0.00	9.98 0.04 0.00	13.48 -0.07 0.00	20.41 0.00 0.00	20.48 -0.30 0.00	22.42 -0.28 0.00	22.66 -0.21 0.00	26.01 -0.07 0.00	25.50 -0.28 0.00	22.72 -0.36 0.00	21.46 -0.54 0.00	22.38 -0.41 0.00	23.57 -0.61 0.00	24.42 -0.81 0.00	28.90 -0.92 0.00	25.74 -0.66 0.00	23.69 -0.61 0.00	27.48 -0.51 0.00	27.39 -0.61 0.00	21.76 -0.55 0.00	21.62 -0.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.99 0.86 0.00	17.31 0.74 0.00	12.68 0.54 0.00	7.87 0.34 0.00	10.38 0.44 0.00	14.15 0.60 0.00	21.29 0.88 0.00	21.80 1.02 0.00	23.87 1.18 0.00	24.13 1.26 0.00	27.51 1.44 0.00	27.33 1.55 0.00	24.52 1.44 0.00	23.49 1.50 0.00	24.35 1.56 0.00	25.87 1.69 0.00	26.98 1.76 0.00	31.83 2.01 0.00	28.06 1.66 0.00	25.72 1.41 0.00	29.50 1.51 0.00	29.53 1.53 0.00	23.54 1.23 0.00	22.81 0.98 0.00

MILLWOOD_13_KV_LOAD 356217	18.03 0.90 0.00	17.35 0.78 0.00	12.71 0.57 0.00	7.88 0.36 0.00	10.41 0.46 0.00	14.19 0.64 0.00	21.34 0.93 0.00	21.85 1.07 0.00	23.94 1.24 0.00	24.20 1.33 0.00	27.60 1.52 0.00	27.41 1.64 0.00	24.60 1.52 0.00	23.56 1.57 0.00	24.42 1.63 0.00	25.95 1.77 0.00	27.06 1.84 0.00	31.94 2.12 0.00	28.16 1.74 0.00	25.80 1.49 0.00	29.59 1.60 0.00	29.61 1.61 0.00	23.60 1.29 0.00	22.87 1.03 0.00
MODEL_CITY_ENERGY 24167	16.47 -0.66 0.00	16.02 -0.55 0.00	11.81 -0.33 0.00	7.41 -0.12 0.00	9.83 -0.11 0.00	13.24 -0.31 0.00	20.03 -0.39 0.00	20.07 -0.71 0.00	21.99 -0.70 0.00	22.24 -0.63 0.00	25.50 -0.57 0.00	25.02 -0.76 0.00	22.34 -0.74 0.00	21.08 -0.92 0.00	22.00 -0.80 0.00	23.10 -1.08 0.00	23.89 -1.33 0.00	28.19 -1.63 0.00	25.14 -1.28 0.00	23.14 -1.17 0.00	26.86 -1.13 0.00	26.78 -1.23 0.00	21.30 -1.01 0.00	21.22 -0.61 0.00
MODERN_LFGE_ 323580	16.47 -0.66 0.00	16.02 -0.55 0.00	11.81 -0.33 0.00	7.41 -0.12 0.00	9.83 -0.11 0.00	13.24 -0.31 0.00	20.03 -0.39 0.00	20.07 -0.71 0.00	21.99 -0.70 0.00	22.24 -0.63 0.00	25.50 -0.57 0.00	25.02 -0.76 0.00	22.34 -0.74 0.00	21.08 -0.92 0.00	22.00 -0.80 0.00	23.10 -1.08 0.00	23.89 -1.33 0.00	28.19 -1.63 0.00	25.14 -1.28 0.00	23.14 -1.17 0.00	26.86 -1.13 0.00	26.78 -1.23 0.00	21.30 -1.01 0.00	21.22 -0.61 0.00
MOHAWK_PAPER___DRP 24187	17.94 0.81 0.00	17.30 0.72 0.00	12.68 0.54 0.00	7.87 0.34 0.00	10.39 0.45 0.00	14.12 0.57 0.00	18.19 0.83 3.05	10.37 0.95 11.36	15.80 1.07 7.96	23.48 1.06 0.45	25.12 1.10 2.05	26.87 1.09 0.00	24.06 0.98 0.00	23.08 1.09 0.00	23.83 1.04 0.00	25.24 1.06 0.00	26.40 1.17 0.00	31.28 1.45 0.00	27.69 1.28 0.00	25.49 1.18 0.00	29.31 1.31 0.00	29.30 1.29 0.00	23.31 1.00 0.00	22.70 0.86 0.00
MOHICAN__35_KV_115KV_LD 80490	18.66 1.53 0.00	17.94 1.36 0.00	13.13 0.99 0.00	8.14 0.62 0.00	10.77 0.82 0.00	14.65 1.10 0.00	24.34 1.77 -2.15	30.46 1.95 -7.73	30.14 2.11 -5.34	25.25 2.07 -0.32	29.82 2.30 -1.45	27.89 2.11 0.00	24.68 1.60 0.00	23.62 1.62 0.00	24.24 1.45 0.00	25.82 1.64 0.00	27.03 1.81 0.00	32.16 2.34 0.00	28.43 2.03 0.00	26.16 1.85 0.00	30.08 2.09 0.00	30.02 2.02 0.00	23.84 1.53 0.00	23.20 1.36 0.00
MONGAUP___HYD 23641	17.92 0.78 0.00	17.24 0.66 0.00	12.62 0.48 0.00	7.83 0.30 0.00	10.33 0.39 0.00	14.08 0.53 0.00	21.21 0.80 0.00	21.68 0.90 0.00	23.68 0.99 0.00	23.90 1.03 0.00	27.21 1.13 0.00	26.92 1.14 0.00	24.08 1.00 0.00	23.16 1.17 0.00	23.85 1.06 0.00	25.34 1.16 0.00	26.47 1.24 0.00	31.44 1.62 0.00	27.82 1.41 0.00	25.58 1.27 0.00	29.40 1.41 0.00	29.47 1.46 0.00	23.47 1.16 0.00	22.76 0.93 0.00
MONTAUK___DIESEL 23721	34.26 1.69 -15.44	27.22 1.53 -9.11	16.71 1.13 -3.44	8.21 0.68 0.00	10.83 0.89 0.00	14.84 1.25 -0.03	28.08 1.89 -5.78	31.75 2.07 -8.90	31.95 2.41 -6.85	51.70 2.56 -26.27	29.59 2.72 -0.80	28.90 2.82 -0.30	27.58 2.46 -2.04	26.46 2.38 -2.08	27.01 2.53 -1.68	29.03 2.74 -2.11	28.11 2.81 -0.08	33.00 3.18 0.00	29.29 2.88 0.00	28.75 2.70 -1.74	30.66 2.67 0.00	30.44 2.55 0.10	24.24 1.93 0.00	23.52 1.69 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.87 -0.27 0.00	16.36 -0.21 0.00	11.96 -0.18 0.00	7.42 -0.11 0.00	10.01 0.07 0.00	13.63 0.08 0.00	20.52 0.11 0.00	20.80 0.02 0.00	23.02 0.32 0.00	23.23 0.36 0.00	26.91 0.84 0.00	26.57 0.79 0.00	23.76 0.68 0.00	22.49 0.49 0.00	23.44 0.65 0.00	24.47 0.29 0.00	24.98 -0.25 0.00	29.44 -0.39 0.00	26.31 -0.10 0.00	24.18 -0.13 0.00	27.88 -0.11 0.00	27.61 -0.39 0.00	21.95 -0.36 0.00	21.52 -0.31 0.00
MORTIMER_115KV_TB3 55949	16.88 -0.25 0.00	16.38 -0.19 0.00	12.02 -0.12 0.00	7.49 -0.04 0.00	9.92 -0.02 0.00	13.46 -0.08 0.00	20.38 -0.03 0.00	20.54 -0.24 0.00	22.48 -0.21 0.00	22.73 -0.14 0.00	26.03 -0.05 0.00	25.58 -0.20 0.00	22.84 -0.24 0.00	21.61 -0.39 0.00	22.53 -0.27 0.00	23.75 -0.43 0.00	24.68 -0.55 0.00	29.14 -0.68 0.00	25.92 -0.49 0.00	23.86 -0.45 0.00	27.61 -0.38 0.00	27.55 -0.45 0.00	21.91 -0.40 0.00	21.64 -0.20 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.09 0.96 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.39 0.98 0.00	21.90 1.13 0.00	24.00 1.31 0.00	24.27 1.40 0.00	27.68 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.65 1.66 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.22 1.81 0.00	25.85 1.54 0.00	29.64 1.65 0.00	29.67 1.67 0.00	23.67 1.36 0.00	22.92 1.09 0.00
MUNSVILLE_WIND_PWR 323609	18.01 0.88 0.00	17.35 0.77 0.00	12.69 0.55 0.00	7.88 0.36 0.00	10.42 0.48 0.00	14.28 0.73 0.00	21.74 1.33 0.00	22.23 1.46 0.00	24.25 1.55 0.00	23.70 0.83 0.00	27.37 1.29 0.00	27.23 1.45 0.00	24.25 1.17 0.00	23.09 1.10 0.00	24.04 1.25 0.00	25.66 1.48 0.00	26.73 1.51 0.00	31.90 2.08 0.00	28.26 1.85 0.00	26.22 1.91 0.00	30.35 2.36 0.00	30.25 2.24 0.00	23.94 1.63 0.00	23.26 1.42 0.00
N SALMON___HYD 24042	17.42 0.28 0.00	16.75 0.18 0.00	12.23 0.08 0.00	7.50 -0.02 0.00	9.98 0.04 0.00	13.82 0.27 0.00	21.08 0.66 0.00	21.55 0.77 0.00	23.29 0.60 0.00	23.27 0.40 0.00	26.67 0.60 0.00	26.26 0.48 0.00	23.50 0.42 0.00	22.43 0.43 0.00	23.31 0.52 0.00	24.76 0.58 0.00	25.92 0.70 0.00	30.60 0.77 0.00	27.25 0.84 0.00	25.16 0.85 0.00	29.02 1.03 0.00	29.01 1.00 0.00	23.14 0.82 0.00	22.60 0.77 0.00
N.AKRON__115KV_KNAPP 355671	16.72 -0.42 0.00	16.25 -0.32 0.00	11.97 -0.17 0.00	7.50 -0.03 0.00	9.96 0.01 0.00	13.43 -0.12 0.00	20.32 -0.09 0.00	20.38 -0.39 0.00	22.33 -0.37 0.00	22.59 -0.28 0.00	25.91 -0.16 0.00	25.42 -0.36 0.00	22.67 -0.41 0.00	21.45 -0.55 0.00	22.33 -0.46 0.00	23.50 -0.68 0.00	24.31 -0.92 0.00	28.74 -1.08 0.00	25.61 -0.80 0.00	23.57 -0.74 0.00	27.35 -0.65 0.00	27.25 -0.75 0.00	21.68 -0.63 0.00	21.54 -0.30 0.00
N.BELMOR_69_KV_BK1 55787	33.81 1.24 -15.44	26.79 1.10 -9.11	16.38 0.80 -3.44	8.01 0.48 0.00	10.57 0.63 0.00	14.47 0.88 -0.03	27.51 1.31 -5.78	31.15 1.47 -8.90	31.26 1.72 -6.85	50.94 1.80 -26.27	28.75 1.88 -0.80	28.14 2.06 -0.30	26.98 1.86 -2.04	25.96 1.88 -2.08	26.44 1.96 -1.68	28.39 2.11 -2.11	27.42 2.12 -0.08	32.15 2.33 0.00	28.46 2.05 0.00	27.91 1.86 -1.74	29.84 1.85 0.00	29.94 1.92 -0.02	23.82 1.51 0.00	23.09 1.26 0.00
N.E._GEN_SANDY PD 24062	20.97 0.78 -3.07	22.52 0.68 -5.27	20.48 0.50 -7.84	22.36 0.32 -14.51	22.62 0.41 -12.27	23.96 0.54 -9.87	23.89 0.81 -2.67	25.47 0.94 -3.76	25.92 1.04 -2.19	25.09 1.07 -1.16	27.85 1.14 -0.63	26.94 1.16 0.00	24.15 1.07 0.00	23.17 1.18 0.00	23.93 1.14 0.00	25.35 1.18 0.00	26.50 1.28 0.00	31.33 1.51 0.00	27.56 1.26 0.11	28.31 1.16 -2.85	30.33 1.25 -1.08	30.74 1.27 -1.46	23.56 1.02 -0.23	22.70 0.87 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.95 0.81 0.00	17.26 0.69 0.00	12.64 0.50 0.00	7.84 0.32 0.00	10.35 0.41 0.00	14.11 0.56 0.00	21.23 0.82 0.00	21.74 0.96 0.00	23.81 1.11 0.00	24.07 1.20 0.00	27.47 1.39 0.00	27.30 1.52 0.00	24.49 1.41 0.00	23.45 1.46 0.00	24.32 1.53 0.00	25.86 1.68 0.00	26.97 1.74 0.00	31.82 2.00 0.00	28.04 1.63 0.00	25.68 1.37 0.00	29.46 1.46 0.00	29.50 1.49 0.00	23.50 1.19 0.00	22.76 0.93 0.00
N.QUEENS_27_KV_LOAD 356247	18.14 1.01 0.00	17.43 0.86 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.36 0.95 0.00	21.86 1.08 0.00	24.00 1.30 0.00	24.27 1.39 0.00	27.65 1.57 0.00	27.49 1.71 0.00	24.71 1.62 0.00	23.67 1.68 0.00	24.51 1.72 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.00 2.18 0.00	28.18 1.77 0.00	25.82 1.51 0.00	29.63 1.64 0.00	29.68 1.68 0.00	23.70 1.39 0.00	22.94 1.10 0.00
N.TROY___115KV_TB1 355778	17.98 0.85 0.00	17.34 0.77 0.00	12.71 0.57 0.00	7.89 0.36 0.00	10.42 0.47 0.00	14.16 0.61 0.00	26.64 0.95 -5.28	39.90 1.10 -18.02	36.11 1.22 -12.19	24.85 1.21 -0.78	30.93 1.30 -3.55	27.05 1.27 0.00	24.18 1.09 0.00	23.18 1.18 0.00	23.89 1.10 0.00	25.32 1.14 0.00	26.48 1.26 0.00	31.32 1.50 0.00	27.66 1.25 0.00	25.49 1.19 0.00	29.31 1.32 0.00	29.32 1.32 0.00	23.33 1.02 0.00	22.74 0.90 0.00
NARROWS_GT1_1 24228	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT1_2 24229	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT1_3 24230	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT1_4 24231	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT1_5 24232	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT1_6 24233	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT1_7 24234	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT1_8 24235	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT2_1 24236	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT2_2 24237	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT2_3 24238	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT2_4 24239	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00

NARROWS_GT2_5 24240	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT2_6 24241	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT2_7 24242	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NARROWS_GT2_8 24243	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.03 0.90 0.00	17.40 0.82 0.00	12.78 0.64 0.00	7.93 0.41 0.00	10.48 0.54 0.00	14.23 0.68 0.00	19.77 1.00 1.64	15.81 1.19 6.16	19.67 1.30 4.32	23.87 1.25 0.24	26.24 1.27 1.11	26.85 1.07 0.00	24.09 1.01 0.00	23.08 1.08 0.00	23.84 1.06 0.00	25.20 1.02 0.00	26.28 1.05 0.00	31.31 1.49 0.00	27.86 1.45 0.00	25.71 1.40 0.00	29.59 1.60 0.00	29.57 1.56 0.00	23.47 1.15 0.00	22.84 1.00 0.00
NCHELSEA_115KV_TR2 355582	18.13 1.00 0.00	17.45 0.87 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.45 0.50 0.00	14.22 0.67 0.00	21.41 1.01 0.00	21.92 1.15 0.00	23.96 1.26 0.00	24.18 1.31 0.00	27.58 1.51 0.00	27.39 1.61 0.00	24.50 1.42 0.00	23.45 1.46 0.00	24.27 1.48 0.00	25.79 1.61 0.00	26.94 1.72 0.00	31.84 2.02 0.00	28.11 1.70 0.00	25.82 1.52 0.00	29.79 1.80 0.00	29.81 1.81 0.00	23.73 1.42 0.00	23.01 1.17 0.00
NEG CAPITAL___MECHNVIL 23645	18.31 1.18 0.00	17.64 1.07 0.00	12.91 0.77 0.00	8.01 0.49 0.00	10.59 0.65 0.00	14.40 0.86 0.00	24.91 1.34 -3.16	33.29 1.49 -11.03	31.87 1.64 -7.53	24.95 1.62 -0.46	30.00 1.80 -2.12	27.51 1.73 0.00	24.53 1.45 0.00	23.48 1.49 0.00	24.20 1.41 0.00	25.71 1.53 0.00	26.91 1.68 0.00	31.89 2.07 0.00	28.20 1.80 0.00	25.96 1.66 0.00	29.86 1.87 0.00	29.84 1.83 0.00	23.69 1.39 0.00	23.06 1.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.61 -0.53 0.00	16.09 -0.49 0.00	11.81 -0.33 0.00	7.35 -0.18 0.00	9.74 -0.21 0.00	13.24 -0.31 0.00	20.05 -0.37 0.00	20.27 -0.52 0.00	22.17 -0.52 0.00	22.40 -0.47 0.00	25.62 -0.45 0.00	25.22 -0.56 0.00	22.52 -0.56 0.00	21.35 -0.64 0.00	22.24 -0.55 0.00	23.46 -0.72 0.00	24.40 -0.83 0.00	28.83 -0.99 0.00	25.61 -0.80 0.00	23.56 -0.75 0.00	27.24 -0.75 0.00	27.18 -0.82 0.00	21.60 -0.71 0.00	21.28 -0.55 0.00
NEG CENTRAL___DRP 24199	17.03 -0.10 0.00	16.48 -0.09 0.00	12.08 -0.07 0.00	7.50 -0.02 0.00	9.96 0.02 0.00	13.57 0.02 0.00	20.56 0.15 0.00	20.89 0.12 0.00	22.80 0.11 0.00	23.00 0.13 0.00	26.25 0.18 0.00	25.95 0.17 0.00	23.17 0.09 0.00	22.02 0.03 0.00	22.91 0.12 0.00	24.16 -0.01 0.00	25.20 -0.02 0.00	29.80 -0.03 0.00	26.38 -0.02 0.00	24.31 0.00 0.00	28.07 0.08 0.00	28.05 0.04 0.00	22.29 -0.02 0.00	21.83 0.00 0.00
NEG CENTRAL___INDECK 23768	17.18 0.05 0.00	16.69 0.11 0.00	12.23 0.09 0.00	7.62 0.10 0.00	10.15 0.21 0.00	13.78 0.23 0.00	20.94 0.53 0.00	21.11 0.33 0.00	22.93 0.24 0.00	23.27 0.40 0.00	26.55 0.48 0.00	26.03 0.25 0.00	23.29 0.21 0.00	22.01 0.02 0.00	23.00 0.21 0.00	24.21 0.03 0.00	25.14 -0.08 0.00	29.99 0.17 0.00	26.65 0.24 0.00	24.67 0.37 0.00	28.62 0.63 0.00	28.50 0.49 0.00	22.55 0.24 0.00	22.15 0.32 0.00
NEG CENTRAL___SENECA 23627	17.00 -0.13 0.00	16.46 -0.12 0.00	12.06 -0.08 0.00	7.50 -0.03 0.00	9.97 0.02 0.00	13.57 0.03 0.00	20.62 0.21 0.00	20.96 0.19 0.00	22.89 0.20 0.00	23.09 0.22 0.00	26.37 0.30 0.00	26.08 0.30 0.00	23.27 0.19 0.00	22.13 0.13 0.00	23.04 0.25 0.00	24.23 0.05 0.00	25.27 0.05 0.00	29.89 0.07 0.00	26.45 0.05 0.00	24.37 0.07 0.00	28.17 0.18 0.00	28.11 0.10 0.00	22.32 0.01 0.00	21.84 0.01 0.00
NEG CENTRAL___STATE_STREET 24147	17.26 0.12 0.00	16.71 0.13 0.00	12.24 0.10 0.00	7.61 0.08 0.00	10.09 0.14 0.00	13.75 0.20 0.00	20.78 0.37 0.00	21.08 0.31 0.00	23.00 0.31 0.00	23.18 0.31 0.00	26.44 0.37 0.00	26.01 0.23 0.00	23.27 0.19 0.00	22.10 0.11 0.00	23.07 0.28 0.00	24.46 0.28 0.00	25.54 0.31 0.00	30.12 0.30 0.00	26.67 0.26 0.00	24.57 0.26 0.00	28.36 0.37 0.00	28.43 0.43 0.00	22.58 0.27 0.00	22.15 0.32 0.00
NEG MILLWOOD___DRP 24198	18.17 1.04 0.00	17.48 0.91 0.00	12.80 0.66 0.00	7.94 0.41 0.00	10.48 0.53 0.00	14.27 0.72 0.00	21.51 1.10 0.00	22.03 1.25 0.00	24.10 1.40 0.00	24.35 1.48 0.00	27.77 1.70 0.00	27.58 1.79 0.00	24.71 1.62 0.00	23.66 1.66 0.00	24.50 1.71 0.00	26.03 1.85 0.00	27.19 1.96 0.00	32.11 2.28 0.00	28.35 1.94 0.00	26.00 1.69 0.00	29.87 1.88 0.00	29.88 1.87 0.00	23.79 1.47 0.00	23.05 1.21 0.00
NEG NORTH_FLCN_SEA 23793	17.41 0.28 0.00	16.71 0.14 0.00	12.19 0.05 0.00	7.48 -0.04 0.00	9.98 0.04 0.00	13.85 0.30 0.00	21.16 0.75 0.00	21.65 0.87 0.00	23.30 0.61 0.00	23.26 0.39 0.00	26.66 0.59 0.00	26.20 0.42 0.00	23.52 0.44 0.00	22.52 0.53 0.00	23.48 0.69 0.00	24.86 0.68 0.00	26.10 0.87 0.00	30.93 1.11 0.00	27.40 0.99 0.00	25.29 0.99 0.00	29.09 1.10 0.00	29.06 1.05 0.00	23.17 0.86 0.00	22.67 0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	17.28 0.15 0.00	16.61 0.03 0.00	12.12 -0.02 0.00	7.43 -0.10 0.00	9.90 -0.04 0.00	13.75 0.20 0.00	20.97 0.56 0.00	21.40 0.62 0.00	23.05 0.36 0.00	23.01 0.14 0.00	26.39 0.31 0.00	25.94 0.16 0.00	23.29 0.21 0.00	22.26 0.27 0.00	23.17 0.37 0.00	24.59 0.41 0.00	25.79 0.57 0.00	30.53 0.71 0.00	27.08 0.67 0.00	25.01 0.70 0.00	28.79 0.80 0.00	28.78 0.78 0.00	22.96 0.65 0.00	22.47 0.63 0.00

NEG NORTH___ALICE_FALLS 23915	17.60 0.47 0.00	16.89 0.31 0.00	12.32 0.17 0.00	7.54 0.02 0.00	10.06 0.12 0.00	13.98 0.43 0.00	21.39 0.98 0.00	21.89 1.11 0.00	23.58 0.88 0.00	23.51 0.65 0.00	26.93 0.86 0.00	26.40 0.62 0.00	23.69 0.61 0.00	22.66 0.67 0.00	23.52 0.72 0.00	24.90 0.71 0.00	26.14 0.91 0.00	30.98 1.16 0.00	27.47 1.06 0.00	25.36 1.06 0.00	29.18 1.19 0.00	29.14 1.14 0.00	23.22 0.91 0.00	22.71 0.88 0.00
NEG NORTH___LWR_SARANAC 23913	17.60 0.47 0.00	16.89 0.31 0.00	12.32 0.17 0.00	7.54 0.02 0.00	10.06 0.12 0.00	13.98 0.43 0.00	21.39 0.98 0.00	21.89 1.11 0.00	23.58 0.88 0.00	23.51 0.65 0.00	26.93 0.86 0.00	26.40 0.62 0.00	23.69 0.61 0.00	22.66 0.67 0.00	23.52 0.72 0.00	24.90 0.71 0.00	26.14 0.91 0.00	30.98 1.16 0.00	27.47 1.06 0.00	25.36 1.06 0.00	29.18 1.19 0.00	29.14 1.14 0.00	23.22 0.91 0.00	22.71 0.88 0.00
NEG NORTH___PLATTSBURG 23628	17.60 0.47 0.00	16.89 0.31 0.00	12.31 0.17 0.00	7.54 0.02 0.00	10.06 0.12 0.00	13.98 0.43 0.00	21.39 0.98 0.00	21.89 1.11 0.00	23.58 0.88 0.00	23.51 0.64 0.00	26.93 0.86 0.00	26.40 0.62 0.00	23.68 0.60 0.00	22.66 0.67 0.00	23.52 0.72 0.00	24.89 0.71 0.00	26.14 0.91 0.00	30.98 1.16 0.00	27.47 1.06 0.00	25.36 1.06 0.00	29.18 1.19 0.00	29.13 1.13 0.00	23.23 0.92 0.00	22.71 0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	16.48 -0.65 0.00	16.04 -0.54 0.00	11.81 -0.32 0.00	7.41 -0.12 0.00	9.83 -0.11 0.00	13.25 -0.30 0.00	20.05 -0.36 0.00	20.07 -0.70 0.00	22.01 -0.69 0.00	22.26 -0.61 0.00	25.53 -0.54 0.00	25.04 -0.74 0.00	22.36 -0.72 0.00	21.10 -0.90 0.00	22.03 -0.76 0.00	23.12 -1.06 0.00	23.91 -1.32 0.00	28.20 -1.62 0.00	25.14 -1.27 0.00	23.14 -1.17 0.00	26.88 -1.11 0.00	26.80 -1.21 0.00	21.33 -0.98 0.00	21.24 -0.60 0.00
NEG WEST___LANCASTR 23811	16.68 -0.45 0.00	16.23 -0.34 0.00	11.93 -0.21 0.00	7.44 -0.08 0.00	9.90 -0.05 0.00	13.41 -0.14 0.00	20.32 -0.09 0.00	20.49 -0.29 0.00	22.46 -0.23 0.00	22.75 -0.12 0.00	26.08 0.00 0.00	25.56 -0.22 0.00	22.81 -0.27 0.00	21.56 -0.43 0.00	22.58 -0.21 0.00	23.68 -0.51 0.00	24.52 -0.71 0.00	28.88 -0.95 0.00	25.60 -0.81 0.00	23.56 -0.74 0.00	27.34 -0.65 0.00	27.27 -0.74 0.00	21.70 -0.61 0.00	21.44 -0.40 0.00
NEG_PENN_ALLEGHNY 23528	17.18 0.05 0.00	16.63 0.06 0.00	12.19 0.05 0.00	7.57 0.04 0.00	10.05 0.10 0.00	13.69 0.14 0.00	20.67 0.26 0.00	21.07 0.29 0.00	23.04 0.34 0.00	23.27 0.41 0.00	26.56 0.49 0.00	26.24 0.46 0.00	23.44 0.35 0.00	22.33 0.33 0.00	23.25 0.46 0.00	24.52 0.34 0.00	25.56 0.33 0.00	30.20 0.38 0.00	26.67 0.27 0.00	24.56 0.25 0.00	28.33 0.34 0.00	28.31 0.30 0.00	22.51 0.20 0.00	21.96 0.12 0.00
NEG___GEN_MONROE 24207	16.93 -0.20 0.00	16.44 -0.13 0.00	12.06 -0.07 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.47 0.06 0.00	20.60 -0.17 0.00	22.55 -0.14 0.00	22.78 -0.09 0.00	26.08 0.00 0.00	25.67 -0.11 0.00	22.89 -0.19 0.00	21.67 -0.32 0.00	22.55 -0.24 0.00	23.76 -0.42 0.00	24.70 -0.53 0.00	29.21 -0.61 0.00	25.98 -0.43 0.00	23.91 -0.40 0.00	27.68 -0.31 0.00	27.60 -0.40 0.00	21.96 -0.35 0.00	21.69 -0.15 0.00
NEPA___ENERGY 23901	16.66 -0.47 0.00	16.20 -0.37 0.00	11.88 -0.26 0.00	7.40 -0.13 0.00	9.91 -0.04 0.00	13.48 -0.07 0.00	20.36 -0.06 0.00	20.68 -0.10 0.00	22.70 0.01 0.00	23.05 0.18 0.00	26.48 0.40 0.00	26.03 0.25 0.00	23.21 0.13 0.00	21.99 -0.01 0.00	23.10 0.31 0.00	24.21 0.03 0.00	24.99 -0.23 0.00	29.41 -0.41 0.00	25.96 -0.45 0.00	23.89 -0.42 0.00	27.65 -0.34 0.00	27.60 -0.40 0.00	21.92 -0.39 0.00	21.44 -0.39 0.00
NEVERSINK___HYD 23608	17.64 0.51 0.00	16.98 0.40 0.00	12.42 0.28 0.00	7.71 0.19 0.00	10.18 0.24 0.00	13.88 0.33 0.00	20.91 0.50 0.00	21.38 0.61 0.00	23.38 0.68 0.00	23.60 0.73 0.00	27.01 0.94 0.00	26.80 1.02 0.00	23.99 0.92 0.00	22.93 0.93 0.00	23.74 0.95 0.00	25.24 1.06 0.00	26.43 1.20 0.00	31.25 1.43 0.00	27.60 1.19 0.00	25.34 1.03 0.00	29.13 1.14 0.00	29.05 1.05 0.00	23.12 0.81 0.00	22.41 0.57 0.00
NEWKRMKL_115KV_TB1 55635	17.61 0.48 0.00	16.99 0.42 0.00	12.48 0.34 0.00	7.75 0.22 0.00	10.23 0.29 0.00	13.87 0.33 0.00	18.57 0.43 2.27	14.62 0.60 6.77	19.13 0.74 4.30	23.17 0.63 0.33	25.19 0.64 1.52	26.44 0.66 0.00	23.69 0.61 0.00	22.74 0.74 0.00	23.48 0.69 0.00	24.87 0.69 0.00	25.98 0.75 0.00	30.78 0.96 0.00	27.21 0.80 0.00	25.05 0.74 0.00	28.77 0.78 0.00	28.77 0.76 0.00	22.90 0.59 0.00	22.30 0.46 0.00
NEWTON___FALLS_HYD 23847	17.33 0.19 0.00	16.63 0.05 0.00	12.14 0.00 0.00	7.46 -0.07 0.00	9.82 -0.12 0.00	13.52 -0.02 0.00	20.66 0.25 0.00	21.17 0.39 0.00	23.05 0.35 0.00	23.07 0.20 0.00	26.42 0.35 0.00	26.02 0.24 0.00	23.17 0.09 0.00	22.04 0.04 0.00	22.86 0.07 0.00	24.31 0.13 0.00	25.33 0.10 0.00	29.77 -0.05 0.00	26.76 0.35 0.00	24.83 0.52 0.00	28.86 0.86 0.00	28.90 0.89 0.00	23.01 0.70 0.00	22.45 0.62 0.00
NGRID_A1_DSASP 323792	15.88 -1.25 0.00	15.45 -1.13 0.00	11.41 -0.73 0.00	7.18 -0.35 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.32 -1.45 0.00	21.17 -1.52 0.00	21.39 -1.47 0.00	24.54 -1.54 0.00	24.05 -1.73 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.16 -1.63 0.00	22.20 -1.97 0.02	22.95 -2.25 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.20 -2.11 0.00	25.78 -2.21 0.00	25.71 -2.29 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
NGRID_A2_DSASP 323793	15.88 -1.25 0.00	15.45 -1.13 0.00	11.41 -0.73 0.00	7.18 -0.35 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.32 -1.45 0.00	21.17 -1.52 0.00	21.39 -1.47 0.00	24.54 -1.54 0.00	24.05 -1.73 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.16 -1.63 0.00	22.20 -1.97 0.02	22.95 -2.25 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.20 -2.11 0.00	25.78 -2.21 0.00	25.71 -2.29 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
NGRID_A4_DSASP 323807	15.88 -1.26 0.00	15.45 -1.13 0.00	11.41 -0.72 0.00	7.17 -0.36 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.30 -1.47 0.00	21.16 -1.53 0.00	21.39 -1.48 0.00	24.54 -1.54 0.00	24.04 -1.74 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.15 -1.63 0.00	22.19 -1.98 0.02	22.95 -2.26 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.19 -2.12 0.00	25.78 -2.21 0.00	25.72 -2.28 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
NIAGARA_115E_LBMP 323715	16.18 -0.96 0.00	15.74 -0.83 0.00	11.61 -0.53 0.00	7.30 -0.22 0.00	9.71 -0.24 0.00	13.02 -0.52 0.00	19.65 -0.76 0.00	19.66 -1.12 0.00	21.54 -1.16 0.00	21.80 -1.07 0.00	24.96 -1.11 0.00	24.49 -1.29 0.00	21.89 -1.19 0.00	20.63 -1.37 0.00	21.54 -1.25 0.00	22.60 -1.58 0.00	23.36 -1.87 0.00	27.54 -2.28 0.00	24.58 -1.83 0.00	22.63 -1.68 0.00	26.28 -1.71 0.00	26.21 -1.79 0.00	20.88 -1.43 0.00	20.87 -0.96 0.00

NIAGARA_115W_LBMP 323714	15.80 -1.33 0.00	15.38 -1.20 0.00	11.37 -0.78 0.00	7.15 -0.37 0.00	9.40 -0.54 0.00	12.68 -0.87 0.00	19.22 -1.20 0.00	19.22 -1.55 0.00	21.07 -1.63 0.00	21.29 -1.58 0.00	24.42 -1.65 0.00	23.93 -1.85 0.00	21.39 -1.69 0.00	20.14 -1.85 0.01	21.05 -1.73 0.00	22.09 -2.08 0.02	22.84 -2.36 0.02	26.92 -2.88 0.02	24.00 -2.41 0.00	22.09 -2.21 0.00	25.66 -2.33 0.00	25.59 -2.41 0.00	20.39 -1.92 0.00	20.32 -1.52 0.00
NIAGARA_230_LBMP 323716	16.35 -0.79 0.00	15.91 -0.67 0.00	11.72 -0.42 0.00	7.33 -0.19 0.00	9.72 -0.22 0.00	13.12 -0.43 0.00	19.87 -0.55 0.00	19.89 -0.89 0.00	21.79 -0.90 0.00	22.03 -0.84 0.00	25.26 -0.81 0.00	24.77 -1.01 0.00	22.13 -0.95 0.00	20.86 -1.13 0.00	21.79 -1.00 0.00	22.86 -1.32 0.00	23.63 -1.59 0.00	27.83 -1.99 0.00	24.81 -1.60 0.00	22.85 -1.46 0.00	26.54 -1.45 0.00	26.46 -1.54 0.00	21.10 -1.22 0.00	21.01 -0.82 0.00
NIAGARA__115KV_198_GIBSON 55903	15.80 -1.33 0.00	15.38 -1.20 0.00	11.36 -0.78 0.00	7.14 -0.39 0.00	9.40 -0.54 0.00	12.68 -0.87 0.00	19.22 -1.20 0.00	19.21 -1.56 0.00	21.06 -1.63 0.00	21.30 -1.57 0.00	24.42 -1.65 0.00	23.93 -1.85 0.00	21.39 -1.69 0.00	20.14 -1.85 0.01	21.05 -1.73 0.00	22.08 -2.09 0.02	22.84 -2.37 0.02	26.92 -2.88 0.02	24.00 -2.41 0.00	22.09 -2.22 0.00	25.66 -2.33 0.00	25.60 -2.41 0.00	20.39 -1.92 0.00	20.32 -1.52 0.00
NIAGARA____ 23760	16.09 -1.04 0.00	15.64 -0.93 0.00	11.51 -0.63 0.00	7.21 -0.32 0.00	9.52 -0.43 0.00	12.88 -0.67 0.00	19.55 -0.86 0.00	19.66 -1.12 0.00	21.55 -1.15 0.00	21.79 -1.08 0.00	24.99 -1.09 0.00	24.50 -1.28 0.00	21.89 -1.19 0.00	20.63 -1.36 0.00	21.55 -1.24 0.00	22.60 -1.57 0.01	23.38 -1.84 0.01	27.56 -2.25 0.01	24.57 -1.84 0.00	22.62 -1.69 0.00	26.27 -1.72 0.00	26.19 -1.82 0.00	20.86 -1.45 0.00	20.74 -1.09 0.00
NINE_MILE_1 23575	16.69 -0.44 0.00	16.14 -0.43 0.00	11.83 -0.31 0.00	7.33 -0.19 0.00	9.70 -0.24 0.00	13.22 -0.33 0.00	19.93 -0.49 0.00	20.21 -0.56 0.00	22.05 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.70 0.00	22.10 -0.69 0.00	23.41 -0.77 0.00	24.41 -0.81 0.00	28.85 -0.97 0.00	25.57 -0.84 0.00	23.54 -0.76 0.00	27.13 -0.86 0.00	27.13 -0.88 0.00	21.61 -0.70 0.00	21.24 -0.60 0.00
NINE_MILE_2 23744	16.69 -0.44 0.00	16.14 -0.43 0.00	11.83 -0.31 0.00	7.34 -0.19 0.00	9.71 -0.24 0.00	13.22 -0.33 0.00	19.93 -0.49 0.00	20.21 -0.56 0.00	22.05 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.69 0.00	22.10 -0.69 0.00	23.41 -0.77 0.00	24.41 -0.81 0.00	28.86 -0.96 0.00	25.57 -0.84 0.00	23.54 -0.76 0.00	27.13 -0.86 0.00	27.13 -0.87 0.00	21.61 -0.70 0.00	21.24 -0.60 0.00
NM_CAPITAL____DRP 24208	17.66 0.52 0.00	17.03 0.46 0.00	12.51 0.37 0.00	7.77 0.24 0.00	10.25 0.31 0.00	13.91 0.36 0.00	18.00 0.48 2.90	9.26 0.59 12.11	14.53 0.67 8.83	23.14 0.69 0.43	24.83 0.71 1.95	26.49 0.71 0.00	23.74 0.66 0.00	22.78 0.79 0.00	23.53 0.74 0.00	24.92 0.74 0.00	26.03 0.81 0.00	30.83 1.01 0.00	27.26 0.85 0.00	25.09 0.79 0.00	28.84 0.84 0.00	28.83 0.83 0.00	22.95 0.64 0.00	22.35 0.52 0.00
NM_CENTRAL____DRP 24181	16.98 -0.16 0.00	16.42 -0.16 0.00	12.02 -0.12 0.00	7.46 -0.06 0.00	9.87 -0.07 0.00	13.46 -0.09 0.00	20.30 -0.11 0.00	20.61 -0.17 0.00	22.50 -0.19 0.00	22.69 -0.18 0.00	25.89 -0.18 0.00	25.61 -0.17 0.00	22.88 -0.19 0.00	21.77 -0.22 0.00	22.60 -0.19 0.00	23.93 -0.25 0.00	24.94 -0.29 0.00	29.49 -0.33 0.00	26.13 -0.28 0.00	24.06 -0.25 0.00	27.74 -0.26 0.00	27.71 -0.29 0.00	22.05 -0.26 0.00	21.64 -0.19 0.00
NM_FRONTIER____DRP 24179	15.80 -1.33 0.00	15.38 -1.20 0.00	11.36 -0.78 0.00	7.14 -0.39 0.00	9.40 -0.54 0.00	12.68 -0.87 0.00	19.22 -1.20 0.00	19.21 -1.56 0.00	21.06 -1.63 0.00	21.30 -1.57 0.00	24.42 -1.65 0.00	23.93 -1.85 0.00	21.39 -1.69 0.00	20.14 -1.85 0.01	21.05 -1.73 0.00	22.08 -2.09 0.02	22.84 -2.37 0.02	26.92 -2.88 0.02	24.00 -2.41 0.00	22.09 -2.22 0.00	25.66 -2.33 0.00	25.60 -2.41 0.00	20.39 -1.92 0.00	20.32 -1.52 0.00
NM_ST_REGIS____HYD 24053	17.31 0.18 0.00	16.70 0.13 0.00	12.20 0.07 0.00	7.51 -0.02 0.00	9.93 -0.01 0.00	13.67 0.12 0.00	20.80 0.39 0.00	21.30 0.52 0.00	23.12 0.43 0.00	23.16 0.29 0.00	26.51 0.44 0.00	26.13 0.35 0.00	23.28 0.19 0.00	22.18 0.18 0.00	23.00 0.21 0.00	24.46 0.28 0.00	25.47 0.25 0.00	29.86 0.04 0.00	26.83 0.42 0.00	24.84 0.54 0.00	28.74 0.75 0.00	28.77 0.76 0.00	22.95 0.64 0.00	22.42 0.58 0.00
NORTHPORT____1 23551	33.72 1.15 -15.44	26.72 1.03 -9.11	16.33 0.75 -3.44	7.97 0.45 0.00	10.52 0.57 0.00	14.40 0.82 -0.03	27.39 1.19 -5.78	30.99 1.31 -8.90	31.09 1.55 -6.85	50.77 1.63 -26.27	28.41 1.53 -0.80	27.75 1.67 -0.30	26.61 1.49 -2.04	25.63 1.56 -2.08	26.11 1.64 -1.68	27.97 1.69 -2.11	27.01 1.71 -0.08	31.54 1.72 0.00	27.94 1.53 0.00	27.53 1.48 -1.74	29.28 1.29 0.00	29.17 1.28 0.11	23.36 1.05 0.00	22.76 0.92 0.00
NORTHPORT____2 23552	33.72 1.15 -15.44	26.72 1.03 -9.11	16.33 0.75 -3.44	7.97 0.45 0.00	10.52 0.57 0.00	14.40 0.82 -0.03	27.39 1.19 -5.78	30.99 1.31 -8.90	31.09 1.55 -6.85	50.77 1.63 -26.27	28.41 1.53 -0.80	27.75 1.67 -0.30	26.61 1.49 -2.04	25.63 1.56 -2.08	26.11 1.64 -1.68	27.97 1.69 -2.11	27.01 1.71 -0.08	31.54 1.72 0.00	27.94 1.53 0.00	27.53 1.48 -1.74	29.28 1.29 0.00	29.17 1.28 0.11	23.36 1.05 0.00	22.76 0.92 0.00
NORTHPORT____3 23553	33.69 1.11 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.96 0.44 0.00	10.51 0.56 0.00	14.39 0.80 -0.03	27.35 1.16 -5.78	30.93 1.25 -8.90	31.02 1.48 -6.85	50.70 1.56 -26.27	28.39 1.51 -0.80	27.73 1.65 -0.30	26.59 1.47 -2.04	25.59 1.51 -2.08	26.09 1.61 -1.68	28.02 1.73 -2.11	27.05 1.75 -0.08	31.57 1.75 0.00	27.97 1.56 0.00	27.50 1.45 -1.74	29.31 1.32 0.00	29.19 1.30 0.11	23.34 1.03 0.00	22.70 0.86 0.00
NORTHPORT____4 23650	33.69 1.11 -15.44	26.69 1.00 -9.11	16.31 0.73 -3.44	7.96 0.44 0.00	10.51 0.56 0.00	14.39 0.80 -0.03	27.35 1.16 -5.78	30.93 1.25 -8.90	31.02 1.48 -6.85	50.70 1.56 -26.27	28.39 1.51 -0.80	27.73 1.65 -0.30	26.59 1.47 -2.04	25.59 1.51 -2.08	26.09 1.61 -1.68	28.02 1.73 -2.11	27.05 1.75 -0.08	31.57 1.75 0.00	27.97 1.56 0.00	27.50 1.45 -1.74	29.31 1.32 0.00	29.19 1.30 0.11	23.34 1.03 0.00	22.70 0.86 0.00
NORTHPORT____IC 23718	33.72 1.15 -15.44	26.72 1.03 -9.11	16.33 0.75 -3.44	7.97 0.45 0.00	10.52 0.57 0.00	14.40 0.82 -0.03	27.39 1.19 -5.78	30.99 1.31 -8.90	31.09 1.55 -6.85	50.77 1.63 -26.27	28.41 1.53 -0.80	27.75 1.67 -0.30	26.61 1.49 -2.04	25.63 1.56 -2.08	26.11 1.64 -1.68	27.97 1.69 -2.11	27.01 1.71 -0.08	31.54 1.72 0.00	27.94 1.53 0.00	27.53 1.48 -1.74	29.28 1.29 0.00	29.17 1.28 0.11	23.36 1.05 0.00	22.76 0.92 0.00

NORTH____COUNTRY_ESR 323785	17.25 0.12 0.00	16.59 0.01 0.00	12.10 -0.04 0.00	7.42 -0.10 0.00	9.90 -0.05 0.00	13.73 0.18 0.00	20.93 0.52 0.00	21.36 0.58 0.00	23.03 0.33 0.00	23.00 0.13 0.00	26.36 0.29 0.00	25.93 0.15 0.00	23.27 0.19 0.00	22.24 0.25 0.00	23.14 0.35 0.00	24.56 0.38 0.00	25.75 0.53 0.00	30.48 0.66 0.00	27.04 0.63 0.00	24.96 0.65 0.00	28.73 0.74 0.00	28.72 0.72 0.00	22.92 0.61 0.00	22.42 0.59 0.00
NPX_GEN_1385_PROXY 323591	32.22 1.17 -13.91	26.74 1.06 -9.11	16.34 0.77 -3.44	7.99 0.46 0.00	10.54 0.59 0.00	14.43 0.84 -0.03	27.43 1.24 -5.78	31.03 1.35 -8.90	31.13 1.59 -6.85	50.81 1.67 -26.27	28.45 1.58 -0.80	27.77 1.69 -0.30	26.63 1.51 -2.04	25.63 1.56 -2.08	26.15 1.68 -1.68	28.01 1.73 -2.11	27.05 1.75 -0.08	31.59 1.77 0.00	27.99 1.58 0.00	27.58 1.53 -1.74	29.33 1.34 0.00	29.22 1.32 0.11	23.40 1.09 0.00	22.80 0.96 0.00
NPX_GEN_CSC 323557	32.07 1.03 -13.91	26.59 0.91 -9.11	16.25 0.67 -3.44	7.92 0.39 0.00	10.44 0.50 0.00	14.31 0.73 -0.03	27.25 1.06 -5.78	30.88 1.20 -8.90	30.99 1.45 -6.85	50.68 1.54 -26.27	28.35 1.47 -0.80	27.70 1.62 -0.30	26.52 1.39 -2.04	25.54 1.47 -2.08	25.98 1.50 -1.68	27.89 1.60 -2.11	26.92 1.62 -0.08	31.54 1.73 0.00	27.98 1.58 0.00	27.57 1.52 -1.74	29.32 1.33 0.00	29.18 1.28 0.10	23.32 1.01 0.00	22.65 0.81 0.00
NSINS_S_GLNS_FALLS 23858	18.68 1.55 0.00	17.95 1.38 0.00	13.14 1.00 0.00	8.15 0.63 0.00	10.78 0.84 0.00	14.66 1.11 0.00	24.24 1.79 -2.04	30.10 1.96 -7.36	29.91 2.12 -5.09	25.26 2.09 -0.30	29.77 2.33 -1.37	27.90 2.12 0.00	24.66 1.58 0.00	23.60 1.60 0.00	24.21 1.42 0.00	25.80 1.62 0.00	27.02 1.79 0.00	32.16 2.34 0.00	28.43 2.02 0.00	26.14 1.83 0.00	30.08 2.08 0.00	30.01 2.01 0.00	23.82 1.51 0.00	23.17 1.34 0.00
NUCOR_STEEL____DRP 24197	17.16 0.03 0.00	16.60 0.03 0.00	12.16 0.02 0.00	7.55 0.02 0.00	10.00 0.06 0.00	13.64 0.09 0.00	20.59 0.18 0.00	20.90 0.12 0.00	22.81 0.11 0.00	22.98 0.11 0.00	26.22 0.14 0.00	25.92 0.15 0.00	23.15 0.07 0.00	22.08 0.09 0.00	22.89 0.10 0.00	24.27 0.09 0.00	25.35 0.12 0.00	29.88 0.06 0.00	26.47 0.06 0.00	24.38 0.07 0.00	28.12 0.13 0.00	28.22 0.22 0.00	22.45 0.14 0.00	22.00 0.17 0.00
NUMBER_THREE_WT_PWR 323818	17.37 0.23 0.00	16.56 -0.02 0.00	12.07 -0.08 0.00	7.38 -0.14 0.00	9.70 -0.25 0.00	13.39 -0.16 0.00	20.57 0.16 0.00	21.11 0.33 0.00	23.04 0.35 0.00	23.04 0.17 0.00	26.47 0.39 0.00	26.12 0.34 0.00	23.27 0.19 0.00	22.14 0.14 0.00	22.95 0.15 0.00	24.36 0.18 0.00	25.45 0.22 0.00	30.07 0.25 0.00	26.92 0.51 0.00	24.99 0.68 0.00	29.06 1.07 0.00	29.10 1.09 0.00	23.11 0.80 0.00	22.53 0.70 0.00
NYISO_LBMP_REFERENCE 24008	17.13 0.00 0.00	16.57 0.00 0.00	12.14 0.00 0.00	7.53 0.00 0.00	9.94 0.00 0.00	13.55 0.00 0.00	20.41 0.00 0.00	20.78 0.00 0.00	22.70 0.00 0.00	22.87 0.00 0.00	26.07 0.00 0.00	25.78 0.00 0.00	23.08 0.00 0.00	21.99 0.00 0.00	22.79 0.00 0.00	24.18 0.00 0.00	25.23 0.00 0.00	29.82 0.00 0.00	26.41 0.00 0.00	24.31 0.00 0.00	27.99 0.00 0.00	28.01 0.00 0.00	22.31 0.00 0.00	21.83 0.00 0.00
NYPA_BRENTWD____GT 24164	33.89 1.32 -15.44	26.88 1.19 -9.11	16.44 0.86 -3.44	8.04 0.52 0.00	10.61 0.67 0.00	14.53 0.95 -0.03	27.60 1.40 -5.78	31.23 1.55 -8.90	31.38 1.83 -6.85	51.07 1.93 -26.27	28.77 1.90 -0.80	28.12 2.04 -0.30	26.84 1.71 -2.04	25.86 1.78 -2.08	26.34 1.87 -1.68	28.23 1.94 -2.11	27.11 1.81 -0.08	31.73 1.91 0.00	28.24 1.84 0.00	27.95 1.90 -1.74	29.79 1.80 0.00	29.69 1.78 0.10	23.72 1.41 0.00	23.06 1.23 0.00
NYPA_GOWANUS____GT5 24156	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NYPA_GOWANUS____GT6 24157	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.17 0.00	24.06 1.37 0.00	24.33 1.47 0.00	27.75 1.68 0.00	27.59 1.81 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.80 1.48 0.00	23.02 1.19 0.00
NYPA_HARLEM_RVR_GT1 24160	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.34 0.93 0.00	21.83 1.05 0.00	23.97 1.27 0.00	24.23 1.36 0.00	27.61 1.53 0.00	27.45 1.67 0.00	24.66 1.57 0.00	23.63 1.64 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.87 0.00	31.94 2.12 0.00	28.14 1.73 0.00	25.78 1.48 0.00	29.58 1.59 0.00	29.64 1.63 0.00	23.67 1.36 0.00	22.90 1.07 0.00
NYPA_HARLEM_RVR_GT2 24161	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.34 0.93 0.00	21.83 1.05 0.00	23.97 1.27 0.00	24.23 1.36 0.00	27.61 1.53 0.00	27.45 1.67 0.00	24.66 1.57 0.00	23.63 1.64 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.87 0.00	31.94 2.12 0.00	28.14 1.73 0.00	25.78 1.48 0.00	29.58 1.59 0.00	29.64 1.63 0.00	23.67 1.36 0.00	22.90 1.07 0.00
NYPA_KENT____GT 24152	18.16 1.03 0.00	17.46 0.88 0.00	12.79 0.65 0.00	7.93 0.40 0.00	10.47 0.53 0.00	14.27 0.72 0.00	21.43 1.02 0.00	21.93 1.15 0.00	24.05 1.35 0.00	24.32 1.45 0.00	27.74 1.66 0.00	27.57 1.79 0.00	24.75 1.67 0.00	23.73 1.74 0.00	24.59 1.80 0.00	26.13 1.95 0.00	27.23 2.00 0.00	32.08 2.26 0.00	28.29 1.88 0.00	25.92 1.61 0.00	29.71 1.72 0.00	29.77 1.77 0.00	23.75 1.44 0.00	22.98 1.14 0.00
NYPA_POUCH1____GT 24155	18.23 1.09 0.00	17.51 0.94 0.00	12.83 0.69 0.00	7.95 0.42 0.00	10.50 0.56 0.00	14.31 0.76 0.00	21.46 1.05 0.00	21.92 1.14 0.00	24.01 1.32 0.00	24.28 1.41 0.00	27.68 1.61 0.00	27.51 1.73 0.00	24.72 1.63 0.00	23.69 1.69 0.00	24.56 1.77 0.00	26.09 1.91 0.00	27.18 1.96 0.00	31.41 2.18 0.60	28.26 1.85 0.00	25.91 1.60 0.00	29.69 1.70 0.00	29.79 1.79 0.00	23.77 1.46 0.00	23.00 1.17 0.00
NYPA_VERNON____GT2 24162	18.12 0.99 0.00	17.43 0.85 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.39 0.98 0.00	21.91 1.14 0.00	24.03 1.33 0.00	24.31 1.44 0.00	27.73 1.65 0.00	27.55 1.77 0.00	24.74 1.66 0.00	23.71 1.72 0.00	24.57 1.78 0.00	26.10 1.92 0.00	27.20 1.97 0.00	32.07 2.25 0.00	28.25 1.84 0.00	25.88 1.57 0.00	29.67 1.68 0.00	29.72 1.71 0.00	23.70 1.40 0.00	22.94 1.10 0.00

NYPY_VERNON____GT3 24163	18.12 0.99 0.00	17.43 0.85 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.39 0.98 0.00	21.91 1.14 0.00	24.03 1.33 0.00	24.31 1.44 0.00	27.73 1.65 0.00	27.55 1.77 0.00	24.74 1.66 0.00	23.71 1.72 0.00	24.57 1.78 0.00	26.10 1.92 0.00	27.20 1.97 0.00	32.07 2.25 0.00	28.25 1.84 0.00	25.88 1.57 0.00	29.67 1.68 0.00	29.72 1.71 0.00	23.70 1.40 0.00	22.94 1.10 0.00
NYPY____ASTORIA_CC1 323568	18.09 0.95 0.00	17.39 0.82 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.66 1.58 0.00	27.48 1.70 0.00	24.67 1.59 0.00	23.65 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.65 1.34 0.00	22.88 1.05 0.00
NYPY____ASTORIA_CC2 323569	18.09 0.95 0.00	17.39 0.82 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.22 0.67 0.00	21.34 0.93 0.00	21.86 1.08 0.00	23.98 1.28 0.00	24.24 1.37 0.00	27.66 1.58 0.00	27.48 1.70 0.00	24.67 1.59 0.00	23.65 1.65 0.00	24.51 1.71 0.00	26.04 1.86 0.00	27.13 1.90 0.00	31.98 2.16 0.00	28.18 1.77 0.00	25.81 1.51 0.00	29.59 1.60 0.00	29.64 1.64 0.00	23.65 1.34 0.00	22.88 1.05 0.00
NYPY____HOLTSVILL 23794	33.71 1.14 -15.44	26.71 1.02 -9.11	16.32 0.75 -3.44	7.97 0.44 0.00	10.51 0.57 0.00	14.40 0.82 -0.03	27.39 1.19 -5.78	31.01 1.33 -8.90	31.13 1.59 -6.85	50.82 1.68 -26.27	28.51 1.63 -0.80	27.84 1.76 -0.30	26.66 1.53 -2.04	25.67 1.60 -2.08	26.14 1.67 -1.68	28.04 1.76 -2.11	27.06 1.75 -0.08	31.68 1.86 0.00	28.11 1.71 0.00	27.70 1.66 -1.74	29.50 1.52 0.00	29.38 1.48 0.11	23.50 1.19 0.00	22.86 1.03 0.00
NYPY____HELLGATE_GT1 24158	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.34 0.93 0.00	21.83 1.05 0.00	23.97 1.27 0.00	24.23 1.36 0.00	27.61 1.53 0.00	27.45 1.67 0.00	24.66 1.57 0.00	23.63 1.64 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.87 0.00	31.94 2.12 0.00	28.14 1.73 0.00	25.78 1.48 0.00	29.58 1.59 0.00	29.64 1.63 0.00	23.67 1.36 0.00	22.90 1.07 0.00
NYPY____HELLGATE_GT2 24159	18.11 0.98 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.34 0.93 0.00	21.83 1.05 0.00	23.97 1.27 0.00	24.23 1.36 0.00	27.61 1.53 0.00	27.45 1.67 0.00	24.66 1.57 0.00	23.63 1.64 0.00	24.46 1.67 0.00	26.00 1.82 0.00	27.09 1.87 0.00	31.94 2.12 0.00	28.14 1.73 0.00	25.78 1.48 0.00	29.58 1.59 0.00	29.64 1.63 0.00	23.67 1.36 0.00	22.90 1.07 0.00
NYS_BARGE____HYD 23848	16.49 -0.64 0.00	16.04 -0.54 0.00	11.82 -0.32 0.00	7.41 -0.11 0.00	9.84 -0.10 0.00	13.26 -0.29 0.00	20.05 -0.36 0.00	20.10 -0.68 0.00	22.02 -0.68 0.00	22.27 -0.60 0.00	25.53 -0.54 0.00	25.05 -0.73 0.00	22.37 -0.71 0.00	21.10 -0.90 0.00	22.02 -0.77 0.00	23.13 -1.05 0.00	23.92 -1.31 0.00	28.23 -1.60 0.00	25.16 -1.25 0.00	23.17 -1.14 0.00	26.89 -1.10 0.00	26.81 -1.20 0.00	21.33 -0.98 0.00	21.25 -0.59 0.00
OAK ORCHARD____HYD 24046	16.88 -0.25 0.00	16.38 -0.19 0.00	12.02 -0.12 0.00	7.49 -0.04 0.00	9.92 -0.02 0.00	13.46 -0.08 0.00	20.38 -0.03 0.00	20.55 -0.23 0.00	22.49 -0.21 0.00	22.73 -0.14 0.00	26.03 -0.05 0.00	25.59 -0.19 0.00	22.84 -0.24 0.00	21.61 -0.39 0.00	22.53 -0.26 0.00	23.76 -0.42 0.00	24.68 -0.55 0.00	29.14 -0.68 0.00	25.92 -0.49 0.00	23.86 -0.45 0.00	27.62 -0.37 0.00	27.55 -0.46 0.00	21.91 -0.40 0.00	21.64 -0.20 0.00
OAKDALE____35_KV_LOAD 356122	17.11 -0.02 0.00	16.58 0.00 0.00	12.15 0.01 0.00	7.54 0.02 0.00	10.00 0.06 0.00	13.63 0.08 0.00	20.57 0.16 0.00	20.96 0.19 0.00	22.92 0.23 0.00	23.15 0.28 0.00	26.43 0.36 0.00	26.11 0.33 0.00	23.32 0.23 0.00	22.22 0.22 0.00	23.12 0.33 0.00	24.44 0.26 0.00	25.45 0.22 0.00	30.06 0.24 0.00	26.56 0.15 0.00	24.45 0.15 0.00	28.21 0.22 0.00	28.18 0.18 0.00	22.42 0.11 0.00	21.87 0.04 0.00
OCC_CHEM____DRP 24175	15.88 -1.26 0.00	15.45 -1.13 0.00	11.41 -0.72 0.00	7.17 -0.36 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.30 -1.47 0.00	21.16 -1.53 0.00	21.39 -1.48 0.00	24.54 -1.54 0.00	24.04 -1.74 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.15 -1.63 0.00	22.19 -1.98 0.02	22.95 -2.26 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.19 -2.12 0.00	25.78 -2.21 0.00	25.72 -2.28 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
OH_GEN_PROXY 24063	14.84 -0.76 1.53	15.93 -0.65 0.00	11.73 -0.41 0.00	7.34 -0.19 0.00	9.73 -0.22 0.00	13.14 -0.41 0.00	19.89 -0.52 0.00	19.95 -0.83 0.00	21.86 -0.84 0.00	22.10 -0.77 0.00	25.34 -0.74 0.00	24.84 -0.94 0.00	22.20 -0.88 0.00	20.93 -1.07 0.00	21.86 -0.93 0.00	22.93 -1.25 0.00	23.71 -1.52 0.00	27.92 -1.90 0.00	24.89 -1.52 0.00	22.91 -1.40 0.00	26.61 -1.38 0.00	26.54 -1.46 0.00	21.15 -1.16 0.00	21.04 -0.79 0.00
OLIN_CORP_DRP 24177	16.21 -0.92 0.00	15.77 -0.80 0.00	11.63 -0.51 0.00	7.31 -0.21 0.00	9.72 -0.23 0.00	13.05 -0.51 0.00	19.69 -0.72 0.00	19.69 -1.09 0.00	21.57 -1.12 0.00	21.84 -1.03 0.00	25.02 -1.06 0.00	24.53 -1.25 0.00	21.94 -1.14 0.00	20.67 -1.32 0.00	21.59 -1.20 0.00	22.64 -1.54 0.00	23.41 -1.82 0.00	27.60 -2.22 0.00	24.63 -1.78 0.00	22.67 -1.63 0.00	26.34 -1.66 0.00	26.27 -1.74 0.00	20.93 -1.38 0.00	20.90 -0.93 0.00
OLIN_CORP_DSASP 323712	15.88 -1.25 0.00	15.45 -1.13 0.00	11.41 -0.73 0.00	7.18 -0.35 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.32 -1.45 0.00	21.17 -1.52 0.00	21.39 -1.47 0.00	24.54 -1.54 0.00	24.05 -1.73 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.16 -1.63 0.00	22.20 -1.97 0.02	22.95 -2.25 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.20 -2.11 0.00	25.78 -2.21 0.00	25.71 -2.29 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
ONEIDA_HERK_LFGE 323681	17.40 0.27 0.00	16.72 0.14 0.00	12.22 0.08 0.00	7.53 0.01 0.00	9.94 -0.01 0.00	13.62 0.07 0.00	20.70 0.29 0.00	21.15 0.37 0.00	23.09 0.40 0.00	23.21 0.34 0.00	26.49 0.42 0.00	26.22 0.44 0.00	23.42 0.34 0.00	22.31 0.32 0.00	23.10 0.31 0.00	24.51 0.33 0.00	25.56 0.33 0.00	30.25 0.43 0.00	26.95 0.54 0.00	24.91 0.60 0.00	28.81 0.82 0.00	28.81 0.80 0.00	22.88 0.57 0.00	22.34 0.50 0.00
ONEIDA____115KV_TB4 55905	17.43 0.30 0.00	16.81 0.24 0.00	12.31 0.17 0.00	7.62 0.10 0.00	10.08 0.13 0.00	13.76 0.21 0.00	20.81 0.40 0.00	21.18 0.40 0.00	23.14 0.44 0.00	23.32 0.45 0.00	26.53 0.46 0.00	26.32 0.54 0.00	23.51 0.43 0.00	22.41 0.42 0.00	23.24 0.45 0.00	24.61 0.43 0.00	25.65 0.42 0.00	30.39 0.57 0.00	26.98 0.57 0.00	24.91 0.61 0.00	28.79 0.79 0.00	28.73 0.73 0.00	22.82 0.51 0.00	22.28 0.44 0.00

ONONDAGA_REF_OCCRA 23987	17.08 -0.06 0.00	16.50 -0.07 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.93 -0.01 0.00	13.53 -0.02 0.00	20.43 0.02 0.00	20.74 -0.03 0.00	22.64 -0.05 0.00	22.82 -0.05 0.00	26.04 -0.03 0.00	25.76 -0.02 0.00	23.03 -0.06 0.00	21.90 -0.09 0.00	22.75 -0.04 0.00	24.08 -0.10 0.00	25.10 -0.13 0.00	29.69 -0.13 0.00	26.29 -0.11 0.00	24.22 -0.08 0.00	27.94 -0.06 0.00	27.91 -0.09 0.00	22.20 -0.11 0.00	21.76 -0.07 0.00
ONONDAGA___COGEN 23986	17.07 -0.06 0.00	16.51 -0.06 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.94 -0.01 0.00	13.54 -0.01 0.00	20.44 0.03 0.00	20.74 -0.04 0.00	22.64 -0.06 0.00	22.82 -0.05 0.00	26.03 -0.04 0.00	25.73 -0.05 0.00	23.00 -0.09 0.00	21.87 -0.12 0.00	22.73 -0.06 0.00	24.08 -0.10 0.00	25.11 -0.12 0.00	29.67 -0.15 0.00	26.27 -0.14 0.00	24.20 -0.11 0.00	27.90 -0.09 0.00	27.90 -0.11 0.00	22.19 -0.12 0.00	21.77 -0.07 0.00
ONTARIO___LFGE 23819	17.00 -0.13 0.00	16.46 -0.12 0.00	12.06 -0.08 0.00	7.50 -0.03 0.00	9.97 0.02 0.00	13.57 0.03 0.00	20.62 0.21 0.00	20.97 0.19 0.00	22.89 0.20 0.00	23.09 0.22 0.00	26.37 0.30 0.00	26.08 0.29 0.00	23.28 0.20 0.00	22.13 0.13 0.00	23.04 0.25 0.00	24.24 0.06 0.00	25.28 0.05 0.00	29.89 0.07 0.00	26.46 0.05 0.00	24.37 0.07 0.00	28.17 0.18 0.00	28.11 0.11 0.00	22.31 0.00 0.00	21.84 0.01 0.00
ORANGEVILLE_WT_PWR 323706	16.46 -0.67 0.00	16.01 -0.57 0.00	11.75 -0.39 0.00	7.34 -0.19 0.00	9.79 -0.16 0.00	13.27 -0.28 0.00	20.13 -0.28 0.00	20.36 -0.42 0.00	22.38 -0.32 0.00	22.56 -0.30 0.00	25.85 -0.22 0.00	25.46 -0.32 0.00	22.74 -0.34 0.00	21.51 -0.48 0.00	22.55 -0.24 0.00	23.67 -0.51 0.00	24.51 -0.71 0.00	28.89 -0.93 0.00	25.58 -0.83 0.00	23.59 -0.72 0.00	27.39 -0.60 0.00	27.22 -0.78 0.00	21.58 -0.73 0.00	21.26 -0.57 0.00
ORANGEVILLE___ESR 323794	16.46 -0.67 0.00	16.01 -0.57 0.00	11.75 -0.39 0.00	7.34 -0.19 0.00	9.79 -0.16 0.00	13.27 -0.28 0.00	20.13 -0.28 0.00	20.36 -0.42 0.00	22.38 -0.32 0.00	22.56 -0.30 0.00	25.85 -0.22 0.00	25.46 -0.32 0.00	22.74 -0.34 0.00	21.51 -0.48 0.00	22.55 -0.24 0.00	23.67 -0.51 0.00	24.51 -0.71 0.00	28.89 -0.93 0.00	25.58 -0.83 0.00	23.59 -0.72 0.00	27.39 -0.60 0.00	27.22 -0.78 0.00	21.58 -0.73 0.00	21.26 -0.57 0.00
OSWEGATCHIE___HYD 24044	17.33 0.19 0.00	16.63 0.05 0.00	12.14 0.00 0.00	7.46 -0.07 0.00	9.82 -0.12 0.00	13.52 -0.02 0.00	20.66 0.25 0.00	21.17 0.39 0.00	23.05 0.35 0.00	23.07 0.20 0.00	26.43 0.35 0.00	26.02 0.24 0.00	23.17 0.09 0.00	22.04 0.04 0.00	22.86 0.07 0.00	24.31 0.13 0.00	25.33 0.10 0.00	29.77 -0.05 0.00	26.76 0.35 0.00	24.83 0.52 0.00	28.86 0.86 0.00	28.90 0.90 0.00	23.00 0.69 0.00	22.45 0.62 0.00
OSWEGO___5 23606	16.80 -0.33 0.00	16.25 -0.32 0.00	11.90 -0.24 0.00	7.38 -0.14 0.00	9.77 -0.18 0.00	13.31 -0.24 0.00	20.06 -0.35 0.00	20.36 -0.41 0.00	22.22 -0.47 0.00	22.40 -0.47 0.00	25.55 -0.52 0.00	25.26 -0.53 0.00	22.58 -0.50 0.00	21.47 -0.52 0.00	22.28 -0.51 0.00	23.60 -0.58 0.00	24.61 -0.61 0.00	29.09 -0.73 0.00	25.78 -0.63 0.00	23.74 -0.57 0.00	27.37 -0.63 0.00	27.36 -0.65 0.00	21.79 -0.52 0.00	21.39 -0.44 0.00
OSWEGO___6 23613	16.80 -0.33 0.00	16.25 -0.32 0.00	11.90 -0.24 0.00	7.38 -0.14 0.00	9.77 -0.18 0.00	13.31 -0.24 0.00	20.06 -0.35 0.00	20.36 -0.41 0.00	22.22 -0.47 0.00	22.40 -0.47 0.00	25.55 -0.52 0.00	25.26 -0.53 0.00	22.58 -0.50 0.00	21.47 -0.52 0.00	22.28 -0.51 0.00	23.60 -0.58 0.00	24.61 -0.61 0.00	29.09 -0.73 0.00	25.78 -0.63 0.00	23.74 -0.57 0.00	27.37 -0.63 0.00	27.36 -0.65 0.00	21.79 -0.52 0.00	21.39 -0.44 0.00
OUTOKUMPU-AB___DRP 24206	16.43 -0.70 0.00	15.98 -0.60 0.00	11.78 -0.36 0.00	7.39 -0.14 0.00	9.78 -0.16 0.00	13.20 -0.34 0.00	20.00 -0.41 0.00	20.05 -0.73 0.00	21.98 -0.71 0.00	22.23 -0.64 0.00	25.49 -0.58 0.00	25.03 -0.75 0.00	22.34 -0.74 0.00	21.10 -0.90 0.00	22.04 -0.76 0.00	23.14 -1.05 -0.01	23.94 -1.30 -0.01	28.22 -1.61 -0.01	25.11 -1.30 0.00	23.10 -1.21 0.00	26.82 -1.17 0.00	26.74 -1.26 0.00	21.29 -1.02 0.00	21.15 -0.69 0.00
OXBOW____ 24026	16.19 -0.94 0.00	15.75 -0.82 0.00	11.63 -0.51 0.00	7.31 -0.22 0.00	9.64 -0.30 0.00	13.00 -0.54 0.00	19.71 -0.70 0.00	19.75 -1.03 0.00	21.65 -1.05 0.00	21.88 -0.99 0.00	25.08 -0.99 0.00	24.61 -1.16 0.00	21.99 -1.09 0.00	20.74 -1.26 0.00	21.66 -1.13 0.00	22.75 -1.44 -0.01	23.53 -1.70 -0.01	27.73 -2.10 -0.01	24.69 -1.72 0.00	22.71 -1.59 0.00	26.38 -1.61 0.00	26.30 -1.70 0.00	20.94 -1.37 0.00	20.84 -1.00 0.00
OXY_CHEM_DSASP 323612	15.88 -1.26 0.00	15.45 -1.13 0.00	11.41 -0.72 0.00	7.17 -0.36 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.30 -1.47 0.00	21.16 -1.53 0.00	21.39 -1.48 0.00	24.54 -1.54 0.00	24.04 -1.74 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.15 -1.63 0.00	22.19 -1.98 0.02	22.95 -2.26 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.19 -2.12 0.00	25.78 -2.21 0.00	25.72 -2.28 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
OZONE_PARK_ESR 323760	18.26 1.13 0.00	17.56 0.99 0.00	12.86 0.72 0.00	7.98 0.45 0.00	10.53 0.59 0.00	14.35 0.81 0.00	21.58 1.17 0.00	22.12 1.35 0.00	24.24 1.54 0.00	24.51 1.64 0.00	27.96 1.89 0.00	27.79 2.01 0.00	24.95 1.86 0.00	23.91 1.92 0.00	24.80 2.01 0.00	26.33 2.15 0.00	27.43 2.20 0.00	32.35 2.53 0.00	28.51 2.11 0.00	26.11 1.80 0.00	29.95 1.96 0.00	29.99 1.99 0.00	23.93 1.62 0.00	23.15 1.31 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.88 -1.26 0.00	15.45 -1.13 0.00	11.41 -0.72 0.00	7.17 -0.36 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.30 -1.47 0.00	21.16 -1.53 0.00	21.39 -1.48 0.00	24.54 -1.54 0.00	24.04 -1.74 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.15 -1.63 0.00	22.19 -1.98 0.02	22.95 -2.26 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.19 -2.12 0.00	25.78 -2.21 0.00	25.72 -2.28 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
PACKARD___115KV_DUPONT_184 80571	15.88 -1.26 0.00	15.45 -1.13 0.00	11.41 -0.72 0.00	7.17 -0.36 0.00	9.45 -0.50 0.00	12.74 -0.81 0.00	19.31 -1.10 0.00	19.30 -1.47 0.00	21.16 -1.53 0.00	21.39 -1.48 0.00	24.54 -1.54 0.00	24.04 -1.74 0.00	21.49 -1.59 0.00	20.24 -1.75 0.01	21.15 -1.63 0.00	22.19 -1.98 0.02	22.95 -2.26 0.02	27.05 -2.75 0.02	24.11 -2.29 0.00	22.19 -2.12 0.00	25.78 -2.21 0.00	25.72 -2.28 0.00	20.49 -1.82 0.00	20.42 -1.42 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.12 0.99 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.36 0.95 0.00	21.87 1.09 0.00	24.00 1.31 0.00	24.25 1.38 0.00	27.64 1.57 0.00	27.47 1.69 0.00	24.67 1.59 0.00	23.64 1.64 0.00	24.47 1.68 0.00	26.01 1.83 0.00	27.11 1.88 0.00	31.96 2.13 0.00	28.16 1.75 0.00	25.82 1.51 0.00	29.63 1.64 0.00	29.67 1.67 0.00	23.68 1.37 0.00	22.92 1.08 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.13 1.00 0.00	17.42 0.84 0.00	12.76 0.62 0.00	7.91 0.38 0.00	10.45 0.50 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.86 1.09 0.00	23.96 1.27 0.00	24.19 1.32 0.00	27.57 1.50 0.00	27.47 1.69 0.00	24.64 1.56 0.00	23.64 1.65 0.00	24.40 1.61 0.00	25.93 1.75 0.00	27.03 1.80 0.00	31.87 2.05 0.00	28.09 1.68 0.00	25.74 1.44 0.00	29.54 1.55 0.00	29.59 1.58 0.00	23.62 1.31 0.00	22.86 1.03 0.00
PATROON__115KV_TB1 80586	17.67 0.53 0.00	17.04 0.47 0.00	12.52 0.38 0.00	7.77 0.25 0.00	10.26 0.32 0.00	13.92 0.37 0.00	18.78 0.49 2.13	16.16 0.69 5.31	20.52 0.86 3.04	23.27 0.72 0.31	25.38 0.73 1.43	26.53 0.75 0.00	23.77 0.69 0.00	22.81 0.82 0.00	23.56 0.77 0.00	24.95 0.77 0.00	26.07 0.85 0.00	30.88 1.05 0.00	27.31 0.90 0.00	25.13 0.82 0.00	28.87 0.87 0.00	28.86 0.85 0.00	22.97 0.65 0.00	22.36 0.52 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.70 -0.43 0.00	16.24 -0.34 0.00	11.94 -0.20 0.00	7.46 -0.06 0.00	9.92 -0.03 0.00	13.43 -0.12 0.00	20.34 -0.07 0.00	20.49 -0.29 0.00	22.47 -0.23 0.00	22.75 -0.12 0.00	26.09 0.02 0.00	25.58 -0.20 0.00	22.83 -0.25 0.00	21.58 -0.41 0.00	22.58 -0.21 0.00	23.69 -0.50 0.00	24.52 -0.71 0.00	28.88 -0.94 0.00	25.63 -0.78 0.00	23.59 -0.71 0.00	27.38 -0.61 0.00	27.29 -0.71 0.00	21.71 -0.60 0.00	21.48 -0.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.17 1.04 0.00	17.48 0.91 0.00	12.80 0.66 0.00	7.94 0.41 0.00	10.48 0.53 0.00	14.27 0.72 0.00	21.51 1.10 0.00	22.03 1.25 0.00	24.10 1.40 0.00	24.35 1.48 0.00	27.77 1.70 0.00	27.58 1.79 0.00	24.71 1.62 0.00	23.66 1.66 0.00	24.50 1.71 0.00	26.03 1.85 0.00	27.19 1.96 0.00	32.11 2.28 0.00	28.35 1.94 0.00	26.00 1.69 0.00	29.87 1.88 0.00	29.88 1.87 0.00	23.79 1.47 0.00	23.05 1.21 0.00
PEEKSKILL____ 23653	17.96 0.83 0.00	17.29 0.72 0.00	12.66 0.52 0.00	7.86 0.33 0.00	10.37 0.43 0.00	14.14 0.59 0.00	21.26 0.85 0.00	21.77 0.99 0.00	23.84 1.14 0.00	24.10 1.23 0.00	27.48 1.41 0.00	27.30 1.52 0.00	24.49 1.41 0.00	23.47 1.47 0.00	24.33 1.54 0.00	25.85 1.67 0.00	26.95 1.73 0.00	31.80 1.98 0.00	28.04 1.63 0.00	25.69 1.38 0.00	29.46 1.47 0.00	29.51 1.50 0.00	23.52 1.21 0.00	22.79 0.95 0.00
PGE MADISON__WINDPWR 24146	18.01 0.88 0.00	17.35 0.77 0.00	12.69 0.55 0.00	7.88 0.36 0.00	10.42 0.48 0.00	14.28 0.73 0.00	21.74 1.33 0.00	22.23 1.46 0.00	24.25 1.55 0.00	23.70 0.83 0.00	27.37 1.29 0.00	27.23 1.45 0.00	24.25 1.17 0.00	23.09 1.10 0.00	24.04 1.25 0.00	25.66 1.48 0.00	26.73 1.51 0.00	31.90 2.08 0.00	28.26 1.85 0.00	26.22 1.91 0.00	30.35 2.36 0.00	30.25 2.24 0.00	23.94 1.63 0.00	23.26 1.42 0.00
PIERCEFIELD__HYD 23852	17.26 0.13 0.00	16.66 0.09 0.00	12.18 0.04 0.00	7.50 -0.03 0.00	9.91 -0.04 0.00	13.60 0.06 0.00	20.68 0.27 0.00	21.18 0.41 0.00	23.04 0.35 0.00	23.10 0.23 0.00	26.42 0.35 0.00	26.05 0.27 0.00	23.18 0.10 0.00	22.06 0.07 0.00	22.87 0.08 0.00	24.33 0.15 0.00	25.29 0.07 0.00	29.58 -0.24 0.00	26.66 0.25 0.00	24.70 0.39 0.00	28.61 0.62 0.00	28.65 0.65 0.00	22.86 0.55 0.00	22.33 0.49 0.00
PINELAWN_CC_1 323563	33.84 1.27 -15.44	26.82 1.14 -9.11	16.40 0.83 -3.44	8.02 0.50 0.00	10.58 0.64 0.00	14.49 0.91 -0.03	27.55 1.35 -5.78	31.18 1.51 -8.90	31.32 1.78 -6.85	50.99 1.85 -26.27	28.72 1.85 -0.80	28.08 2.01 -0.30	26.74 1.62 -2.04	25.68 1.61 -2.08	26.15 1.68 -1.68	27.96 1.67 -2.11	27.01 1.71 -0.08	31.63 1.81 0.00	28.07 1.66 0.00	27.70 1.65 -1.74	29.61 1.61 0.00	29.75 1.82 0.08	23.74 1.44 0.00	23.04 1.21 0.00
PJM_GEN_HTP_PROXY 323702	16.79 0.93 1.28	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.36 0.95 0.00	21.88 1.10 0.00	23.98 1.28 0.00	24.25 1.38 0.00	27.66 1.58 0.00	27.49 1.71 0.00	24.67 1.59 0.00	23.66 1.66 0.00	24.53 1.73 0.00	26.05 1.87 0.00	27.13 1.91 0.00	32.00 2.18 0.00	28.19 1.79 0.00	25.82 1.51 0.00	29.60 1.61 0.00	29.64 1.64 0.00	23.65 1.34 0.00	22.90 1.06 0.00
PJM_GEN_KEystone 24065	15.66 0.09 1.56	16.65 0.07 0.00	12.20 0.06 0.00	7.59 0.06 0.00	10.06 0.11 0.00	13.69 0.15 0.00	20.64 0.23 0.00	21.04 0.27 0.00	23.06 0.37 0.00	23.34 0.47 0.00	26.69 0.62 0.00	26.37 0.59 0.00	23.58 0.50 0.00	22.48 0.48 0.00	23.42 0.62 0.00	24.75 0.57 0.00	25.73 0.51 0.00	30.27 0.49 0.04	26.73 0.33 0.00	24.54 0.23 0.00	28.27 0.28 0.00	28.30 0.30 0.00	22.56 0.24 0.00	22.59 0.13 -0.62
PJM_GEN_NEPTUNE_PROXY 323594	23.65 1.09 -5.43	21.50 0.97 -3.96	14.33 0.70 -1.49	7.95 0.42 0.00	10.49 0.54 0.00	14.34 0.77 -0.02	24.07 1.14 -2.51	25.92 1.28 -3.87	27.18 1.51 -2.98	35.89 1.59 -11.43	28.05 1.63 -0.35	27.69 1.78 -0.13	25.57 1.60 -0.89	24.56 1.66 -0.90	25.26 1.74 -0.73	26.94 1.84 -0.92	27.12 1.86 -0.03	31.82 2.00 0.00	28.16 1.76 0.00	26.67 1.61 -0.76	29.54 1.55 0.00	29.45 1.58 0.12	23.55 1.24 0.00	22.85 1.02 0.00
PJM_GEN_VFT_PROXY 323633	16.70 0.85 1.28	17.29 0.72 0.00	12.67 0.53 0.00	7.86 0.33 0.00	10.37 0.43 0.00	14.14 0.59 0.00	21.25 0.84 0.00	21.76 0.98 0.00	23.84 1.15 0.00	24.12 1.25 0.00	27.51 1.43 0.00	27.36 1.58 0.00	24.57 1.49 0.00	23.55 1.56 0.00	24.41 1.62 0.00	25.91 1.73 0.00	26.97 1.75 0.00	31.14 1.97 0.64	28.01 1.61 0.00	25.65 1.35 0.00	29.43 1.44 0.00	29.50 1.49 0.00	23.57 1.26 0.00	22.81 0.98 0.00
PLATSBRG_115KV_PMLD1 355749	17.40 0.27 0.00	16.70 0.12 0.00	12.18 0.04 0.00	7.48 -0.05 0.00	9.97 0.03 0.00	13.84 0.29 0.00	21.14 0.73 0.00	21.62 0.85 0.00	23.28 0.58 0.00	23.24 0.37 0.00	26.63 0.56 0.00	26.17 0.39 0.00	23.50 0.42 0.00	22.50 0.50 0.00	23.45 0.66 0.00	24.83 0.65 0.00	26.07 0.84 0.00	30.90 1.07 0.00	27.37 0.96 0.00	25.27 0.96 0.00	29.06 1.07 0.00	29.03 1.02 0.00	23.14 0.83 0.00	22.65 0.81 0.00
PLEASANTVLY__LBMP 24000	17.94 0.81 0.00	17.27 0.69 0.00	12.65 0.51 0.00	7.85 0.32 0.00	10.36 0.42 0.00	14.11 0.57 0.00	21.24 0.83 0.00	21.74 0.97 0.00	23.80 1.11 0.00	24.04 1.17 0.00	27.39 1.31 0.00	27.18 1.40 0.00	24.38 1.30 0.00	23.37 1.37 0.00	24.19 1.40 0.00	25.69 1.51 0.00	26.81 1.59 0.00	31.66 1.84 0.00	27.93 1.52 0.00	25.61 1.31 0.00	29.40 1.40 0.00	29.42 1.41 0.00	23.45 1.14 0.00	22.75 0.92 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.05 0.92 0.00	17.36 0.79 0.00	12.72 0.58 0.00	7.89 0.36 0.00	10.41 0.47 0.00	14.19 0.64 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.94 1.25 0.00	24.20 1.33 0.00	27.60 1.53 0.00	27.41 1.63 0.00	24.60 1.52 0.00	23.56 1.57 0.00	24.42 1.63 0.00	25.95 1.77 0.00	27.06 1.83 0.00	31.92 2.11 0.00	28.16 1.75 0.00	25.81 1.50 0.00	29.59 1.60 0.00	29.62 1.62 0.00	23.61 1.30 0.00	22.88 1.04 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.05 0.92 0.00	17.36 0.79 0.00	12.72 0.58 0.00	7.89 0.36 0.00	10.41 0.47 0.00	14.19 0.64 0.00	21.35 0.94 0.00	21.87 1.09 0.00	23.94 1.25 0.00	24.20 1.33 0.00	27.60 1.53 0.00	27.41 1.63 0.00	24.60 1.52 0.00	23.56 1.57 0.00	24.42 1.63 0.00	25.95 1.77 0.00	27.06 1.83 0.00	31.92 2.11 0.00	28.16 1.75 0.00	25.81 1.50 0.00	29.59 1.60 0.00	29.62 1.62 0.00	23.61 1.30 0.00	22.88 1.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.09 0.95 0.00	17.40 0.82 0.00	12.74 0.60 0.00	7.90 0.38 0.00	10.43 0.48 0.00	14.20 0.65 0.00	21.41 1.00 0.00	21.92 1.14 0.00	23.97 1.28 0.00	24.20 1.33 0.00	27.59 1.52 0.00	27.39 1.61 0.00	24.57 1.48 0.00	23.53 1.53 0.00	24.34 1.55 0.00	25.83 1.65 0.00	26.99 1.76 0.00	31.90 2.08 0.00	28.18 1.77 0.00	25.86 1.55 0.00	29.71 1.72 0.00	29.72 1.71 0.00	23.67 1.36 0.00	22.95 1.12 0.00
POLETTI____ 23519	18.06 0.93 0.00	17.38 0.81 0.00	12.74 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.21 0.66 0.00	21.34 0.92 0.00	21.85 1.07 0.00	23.95 1.25 0.00	24.21 1.34 0.00	27.62 1.55 0.00	27.45 1.67 0.00	24.64 1.56 0.00	23.62 1.63 0.00	24.49 1.70 0.00	26.01 1.83 0.00	27.10 1.87 0.00	31.95 2.13 0.00	28.16 1.75 0.00	25.78 1.47 0.00	29.56 1.57 0.00	29.60 1.60 0.00	23.64 1.32 0.00	22.88 1.04 0.00
PORT_JEFF_3 23555	33.77 1.20 -15.44	26.76 1.07 -9.11	16.36 0.78 -3.44	7.99 0.46 0.00	10.54 0.60 0.00	14.44 0.86 -0.03	27.45 1.26 -5.78	31.08 1.40 -8.90	31.21 1.67 -6.85	50.90 1.76 -26.27	28.60 1.72 -0.80	27.91 1.83 -0.30	26.70 1.58 -2.04	25.72 1.64 -2.08	26.19 1.72 -1.68	28.09 1.80 -2.11	27.07 1.76 -0.08	31.69 1.87 0.00	28.13 1.72 0.00	27.75 1.70 -1.74	29.54 1.55 0.00	29.41 1.52 0.10	23.55 1.24 0.00	22.89 1.06 0.00
PORT_JEFF_4 23616	33.77 1.20 -15.44	26.76 1.07 -9.11	16.36 0.78 -3.44	7.99 0.46 0.00	10.54 0.60 0.00	14.44 0.86 -0.03	27.45 1.26 -5.78	31.08 1.40 -8.90	31.21 1.67 -6.85	50.90 1.76 -26.27	28.60 1.72 -0.80	27.91 1.83 -0.30	26.70 1.58 -2.04	25.72 1.64 -2.08	26.19 1.72 -1.68	28.09 1.80 -2.11	27.07 1.76 -0.08	31.69 1.87 0.00	28.13 1.72 0.00	27.75 1.70 -1.74	29.54 1.55 0.00	29.41 1.52 0.10	23.55 1.24 0.00	22.89 1.06 0.00
PORT_JEFF_IC 23713	33.80 1.22 -15.44	26.78 1.10 -9.11	16.38 0.80 -3.44	8.00 0.48 0.00	10.56 0.61 0.00	14.46 0.88 -0.03	27.49 1.29 -5.78	31.12 1.44 -8.90	31.25 1.70 -6.85	50.94 1.81 -26.27	28.65 1.77 -0.80	27.96 1.88 -0.30	26.75 1.63 -2.04	25.76 1.68 -2.08	26.24 1.77 -1.68	28.16 1.87 -2.11	27.04 1.74 -0.08	31.66 1.84 0.00	28.11 1.70 0.00	27.75 1.70 -1.74	29.55 1.56 0.00	29.42 1.52 0.10	23.59 1.28 0.00	22.92 1.09 0.00
PPL PILGRIM_ST_GT1 24216	33.89 1.32 -15.44	26.88 1.19 -9.11	16.44 0.86 -3.44	8.04 0.52 0.00	10.61 0.67 0.00	14.53 0.95 -0.03	27.60 1.40 -5.78	31.23 1.55 -8.90	31.38 1.83 -6.85	51.07 1.93 -26.27	28.77 1.90 -0.80	28.12 2.04 -0.30	26.84 1.71 -2.04	25.86 1.78 -2.08	26.34 1.87 -1.68	28.23 1.94 -2.11	27.11 1.81 -0.08	31.73 1.91 0.00	28.24 1.84 0.00	27.95 1.90 -1.74	29.79 1.80 0.00	29.69 1.78 0.10	23.72 1.41 0.00	23.06 1.23 0.00
PPL PILGRIM_ST_GT2 24217	33.89 1.32 -15.44	26.88 1.19 -9.11	16.44 0.86 -3.44	8.04 0.52 0.00	10.61 0.67 0.00	14.53 0.95 -0.03	27.60 1.40 -5.78	31.23 1.55 -8.90	31.38 1.83 -6.85	51.07 1.93 -26.27	28.77 1.90 -0.80	28.12 2.04 -0.30	26.84 1.71 -2.04	25.86 1.78 -2.08	26.34 1.87 -1.68	28.23 1.94 -2.11	27.11 1.81 -0.08	31.73 1.91 0.00	28.24 1.84 0.00	27.95 1.90 -1.74	29.79 1.80 0.00	29.69 1.78 0.10	23.72 1.41 0.00	23.06 1.23 0.00
PPL_SHRM_GT3 24213	33.57 1.00 -15.44	26.56 0.88 -9.11	16.23 0.65 -3.44	7.90 0.37 0.00	10.43 0.48 0.00	14.29 0.70 -0.03	27.22 1.02 -5.78	30.84 1.17 -8.90	30.95 1.41 -6.85	50.65 1.50 -26.27	28.30 1.43 -0.80	27.66 1.59 -0.30	26.48 1.36 -2.04	25.53 1.45 -2.08	25.93 1.46 -1.68	27.84 1.56 -2.11	26.90 1.59 -0.08	31.53 1.71 0.00	27.99 1.58 0.00	27.58 1.53 -1.74	29.34 1.35 0.00	29.19 1.29 0.10	23.32 1.02 0.00	22.65 0.81 0.00
PPL_SHRM_GT4 24214	33.57 1.00 -15.44	26.56 0.88 -9.11	16.23 0.65 -3.44	7.90 0.37 0.00	10.43 0.48 0.00	14.29 0.70 -0.03	27.22 1.02 -5.78	30.84 1.17 -8.90	30.95 1.41 -6.85	50.65 1.50 -26.27	28.30 1.43 -0.80	27.66 1.59 -0.30	26.48 1.36 -2.04	25.53 1.45 -2.08	25.93 1.46 -1.68	27.84 1.56 -2.11	26.90 1.59 -0.08	31.53 1.71 0.00	27.99 1.58 0.00	27.58 1.53 -1.74	29.34 1.35 0.00	29.19 1.29 0.10	23.32 1.02 0.00	22.65 0.81 0.00
PROJECT____ORANGE 1 24174	16.99 -0.14 0.00	16.42 -0.15 0.00	12.03 -0.11 0.00	7.47 -0.06 0.00	9.88 -0.06 0.00	13.47 -0.08 0.00	20.32 -0.10 0.00	20.62 -0.16 0.00	22.51 -0.18 0.00	22.71 -0.16 0.00	25.92 -0.15 0.00	25.63 -0.15 0.00	22.91 -0.17 0.00	21.80 -0.20 0.00	22.63 -0.16 0.00	23.95 -0.23 0.00	24.96 -0.26 0.00	29.52 -0.30 0.00	26.15 -0.26 0.00	24.07 -0.23 0.00	27.76 -0.24 0.00	27.73 -0.27 0.00	22.06 -0.25 0.00	21.64 -0.19 0.00
PROJECT____ORANGE 2 24166	16.99 -0.14 0.00	16.42 -0.15 0.00	12.03 -0.11 0.00	7.47 -0.06 0.00	9.88 -0.06 0.00	13.47 -0.08 0.00	20.32 -0.10 0.00	20.62 -0.16 0.00	22.51 -0.18 0.00	22.71 -0.16 0.00	25.92 -0.15 0.00	25.63 -0.15 0.00	22.91 -0.17 0.00	21.80 -0.20 0.00	22.63 -0.16 0.00	23.95 -0.23 0.00	24.96 -0.26 0.00	29.52 -0.30 0.00	26.15 -0.26 0.00	24.07 -0.23 0.00	27.76 -0.24 0.00	27.73 -0.27 0.00	22.06 -0.25 0.00	21.64 -0.19 0.00
PUCKETT____SOLAR 323809	17.36 0.23 0.00	16.80 0.22 0.00	12.30 0.16 0.00	7.64 0.11 0.00	10.14 0.19 0.00	13.82 0.28 0.00	20.91 0.50 0.00	21.28 0.51 0.00	23.25 0.55 0.00	23.35 0.48 0.00	26.68 0.60 0.00	26.35 0.57 0.00	23.50 0.42 0.00	22.38 0.39 0.00	23.29 0.49 0.00	24.72 0.54 0.00	25.72 0.49 0.00	30.44 0.62 0.00	26.93 0.52 0.00	24.89 0.58 0.00	28.74 0.75 0.00	28.72 0.72 0.00	22.81 0.50 0.00	22.23 0.39 0.00
PYRITES____HYD 24023	17.49 0.36 0.00	16.91 0.33 0.00	12.36 0.22 0.00	7.61 0.09 0.00	10.06 0.11 0.00	13.81 0.26 0.00	21.00 0.59 0.00	21.46 0.68 0.00	23.36 0.66 0.00	23.41 0.54 0.00	26.70 0.63 0.00	26.34 0.56 0.00	23.49 0.41 0.00	22.37 0.37 0.00	23.18 0.39 0.00	24.68 0.50 0.00	25.64 0.41 0.00	30.06 0.24 0.00	27.00 0.59 0.00	25.02 0.72 0.00	29.01 1.02 0.00	29.05 1.05 0.00	23.14 0.83 0.00	22.57 0.74 0.00
QUAKERRD_115KV_BK1 80622	16.49 -0.65 0.00	15.98 -0.60 0.00	11.72 -0.42 0.00	7.30 -0.23 0.00	9.67 -0.28 0.00	13.13 -0.42 0.00	19.87 -0.54 0.00	20.07 -0.71 0.00	21.95 -0.74 0.00	22.17 -0.70 0.00	25.37 -0.70 0.00	24.97 -0.81 0.00	22.30 -0.78 0.00	21.14 -0.86 0.00	22.00 -0.79 0.00	23.21 -0.97 0.00	24.14 -1.09 0.00	28.52 -1.30 0.00	25.35 -1.06 0.00	23.32 -0.99 0.00	26.97 -1.02 0.00	26.92 -1.09 0.00	21.41 -0.91 0.00	21.10 -0.73 0.00

QUENSBRY_I15KV_TB8 356137	18.74 1.61 0.00	18.00 1.43 0.00	13.17 1.03 0.00	8.17 0.64 0.00	10.81 0.87 0.00	14.70 1.15 0.00	24.22 1.87 -1.94	29.86 2.04 -7.03	29.79 2.21 -4.87	25.33 2.18 -0.29	29.81 2.43 -1.31	27.97 2.19 0.00	24.72 1.64 0.00	23.63 1.63 0.00	24.26 1.47 0.00	25.86 1.69 0.00	27.08 1.85 0.00	32.24 2.42 0.00	28.51 2.10 0.00	26.20 1.89 0.00	30.14 2.14 0.00	30.07 2.06 0.00	23.87 1.56 0.00	23.22 1.39 0.00
RAMAPO____LBMP 323565	17.88 0.75 0.00	17.21 0.63 0.00	12.60 0.46 0.00	7.82 0.29 0.00	10.32 0.38 0.00	14.07 0.52 0.00	21.16 0.75 0.00	21.66 0.89 0.00	23.73 1.03 0.00	23.98 1.11 0.00	27.36 1.28 0.00	27.18 1.40 0.00	24.38 1.30 0.00	23.35 1.35 0.00	24.21 1.42 0.00	25.73 1.55 0.00	26.84 1.61 0.00	31.66 1.84 0.00	27.90 1.49 0.00	25.56 1.26 0.00	29.33 1.34 0.00	29.38 1.37 0.00	23.41 1.10 0.00	22.69 0.85 0.00
RANKINE____ 23646	16.63 -0.50 0.00	16.17 -0.41 0.00	11.89 -0.24 0.00	7.44 -0.08 0.00	9.89 -0.06 0.00	13.37 -0.18 0.00	20.25 -0.16 0.00	20.36 -0.42 0.00	22.33 -0.37 0.00	22.57 -0.30 0.00	25.89 -0.19 0.00	25.41 -0.36 0.00	22.70 -0.38 0.00	21.46 -0.54 0.00	22.44 -0.35 0.00	23.56 -0.63 0.00	24.36 -0.87 0.00	28.68 -1.14 0.00	25.50 -0.91 0.00	23.49 -0.82 0.00	27.27 -0.72 0.00	27.17 -0.84 0.00	21.61 -0.70 0.00	21.42 -0.42 0.00
RAVENSWOOD_GT2_1 24244	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.38 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.27 1.40 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.68 1.61 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.14 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.63 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD_GT2_2 24245	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.38 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.27 1.40 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.68 1.61 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.14 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.63 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD_GT2_3 24246	18.09 0.96 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.39 0.98 0.00	21.90 1.13 0.00	24.00 1.31 0.00	24.28 1.41 0.00	27.69 1.61 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.67 1.68 0.00	24.55 1.75 0.00	26.07 1.89 0.00	27.16 1.94 0.00	32.02 2.20 0.00	28.22 1.81 0.00	25.84 1.54 0.00	29.64 1.65 0.00	29.68 1.68 0.00	23.68 1.37 0.00	22.93 1.09 0.00
RAVENSWOOD_GT2_4 24247	18.09 0.96 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.39 0.98 0.00	21.90 1.13 0.00	24.00 1.31 0.00	24.28 1.41 0.00	27.69 1.61 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.67 1.68 0.00	24.55 1.75 0.00	26.07 1.89 0.00	27.16 1.94 0.00	32.02 2.20 0.00	28.22 1.81 0.00	25.84 1.54 0.00	29.64 1.65 0.00	29.68 1.68 0.00	23.68 1.37 0.00	22.93 1.09 0.00
RAVENSWOOD_GT3_1 24248	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.26 1.39 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.68 1.61 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.14 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.63 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD_GT3_2 24249	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.26 1.39 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.68 1.61 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.14 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.63 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD_GT3_3 24250	18.11 0.98 0.00	17.43 0.85 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.24 0.70 0.00	21.41 1.00 0.00	21.93 1.16 0.00	24.04 1.34 0.00	24.31 1.44 0.00	27.73 1.66 0.00	27.56 1.78 0.00	24.73 1.65 0.00	23.70 1.71 0.00	24.58 1.78 0.00	26.10 1.92 0.00	27.20 1.97 0.00	32.07 2.25 0.00	28.26 1.85 0.00	25.88 1.57 0.00	29.67 1.68 0.00	29.72 1.72 0.00	23.71 1.40 0.00	22.95 1.12 0.00
RAVENSWOOD_GT3_4 24251	18.11 0.98 0.00	17.43 0.85 0.00	12.76 0.63 0.00	7.92 0.39 0.00	10.45 0.51 0.00	14.24 0.70 0.00	21.41 1.00 0.00	21.93 1.15 0.00	24.04 1.34 0.00	24.31 1.44 0.00	27.73 1.65 0.00	27.55 1.77 0.00	24.73 1.65 0.00	23.71 1.71 0.00	24.58 1.79 0.00	26.10 1.92 0.00	27.20 1.97 0.00	32.07 2.25 0.00	28.26 1.85 0.00	25.88 1.57 0.00	29.68 1.69 0.00	29.72 1.71 0.00	23.71 1.40 0.00	22.95 1.12 0.00
RAVENSWOOD_GT_1 23729	18.12 0.99 0.00	17.43 0.85 0.00	12.77 0.63 0.00	7.92 0.39 0.00	10.46 0.51 0.00	14.25 0.70 0.00	21.39 0.98 0.00	21.91 1.14 0.00	24.03 1.33 0.00	24.31 1.44 0.00	27.73 1.65 0.00	27.55 1.77 0.00	24.74 1.66 0.00	23.71 1.72 0.00	24.57 1.78 0.00	26.10 1.92 0.00	27.20 1.97 0.00	32.07 2.25 0.00	28.25 1.84 0.00	25.88 1.57 0.00	29.67 1.68 0.00	29.72 1.71 0.00	23.70 1.40 0.00	22.94 1.10 0.00
RAVENSWOOD_GT_10 24258	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.89 1.12 0.00	24.00 1.30 0.00	24.27 1.39 0.00	27.67 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.66 1.66 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.64 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD_GT_11 24259	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.27 1.40 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.68 1.61 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.14 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.63 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD_GT_4 24252	18.08 0.95 0.00	17.40 0.82 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.38 0.97 0.00	21.90 1.13 0.00	24.00 1.30 0.00	24.27 1.40 0.00	27.68 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.66 1.66 0.00	24.53 1.74 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.21 1.81 0.00	25.84 1.54 0.00	29.64 1.64 0.00	29.67 1.66 0.00	23.67 1.36 0.00	22.92 1.09 0.00

RAVENSWOOD_GT_5 24254	18.08 0.95 0.00	17.40 0.82 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.38 0.97 0.00	21.90 1.13 0.00	24.00 1.30 0.00	24.27 1.40 0.00	27.68 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.66 1.66 0.00	24.53 1.74 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.21 1.81 0.00	25.84 1.54 0.00	29.64 1.64 0.00	29.67 1.66 0.00	23.67 1.36 0.00	22.92 1.09 0.00
RAVENSWOOD_GT_6 24253	18.08 0.95 0.00	17.40 0.82 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.38 0.97 0.00	21.90 1.13 0.00	24.00 1.30 0.00	24.27 1.40 0.00	27.68 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.66 1.66 0.00	24.53 1.74 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.21 1.81 0.00	25.84 1.54 0.00	29.64 1.64 0.00	29.67 1.66 0.00	23.67 1.36 0.00	22.92 1.09 0.00
RAVENSWOOD_GT_7 24255	18.08 0.95 0.00	17.40 0.82 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.38 0.97 0.00	21.90 1.13 0.00	24.00 1.30 0.00	24.27 1.40 0.00	27.68 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.66 1.66 0.00	24.53 1.74 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.21 1.81 0.00	25.84 1.54 0.00	29.64 1.64 0.00	29.67 1.66 0.00	23.67 1.36 0.00	22.92 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.89 1.12 0.00	24.00 1.30 0.00	24.27 1.39 0.00	27.67 1.60 0.00	27.51 1.73 0.00	24.69 1.61 0.00	23.66 1.66 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.64 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD_GT_9 24257	18.08 0.95 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.90 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.27 1.40 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.68 1.61 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.14 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.52 0.00	29.63 1.63 0.00	29.66 1.66 0.00	23.67 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD___1 23533	18.10 0.96 0.00	17.40 0.83 0.00	12.76 0.62 0.00	7.91 0.39 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.37 0.95 0.00	21.88 1.10 0.00	23.99 1.30 0.00	24.27 1.39 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.69 1.61 0.00	23.67 1.67 0.00	24.53 1.73 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.20 1.79 0.00	25.83 1.52 0.00	29.62 1.63 0.00	29.67 1.66 0.00	23.66 1.36 0.00	22.90 1.07 0.00
RAVENSWOOD___2 23534	18.10 0.96 0.00	17.40 0.83 0.00	12.76 0.62 0.00	7.91 0.39 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.37 0.95 0.00	21.88 1.10 0.00	23.99 1.30 0.00	24.27 1.39 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.69 1.61 0.00	23.67 1.67 0.00	24.53 1.73 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.20 1.79 0.00	25.83 1.52 0.00	29.62 1.63 0.00	29.67 1.66 0.00	23.66 1.36 0.00	22.90 1.07 0.00
RAVENSWOOD___3 23535	18.09 0.96 0.00	17.40 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.38 0.96 0.00	21.89 1.12 0.00	23.99 1.30 0.00	24.27 1.40 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.68 1.61 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.05 1.87 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.21 1.80 0.00	25.83 1.53 0.00	29.63 1.64 0.00	29.67 1.66 0.00	23.68 1.36 0.00	22.91 1.08 0.00
RAVENSWOOD___4 23820	18.10 0.96 0.00	17.40 0.83 0.00	12.76 0.62 0.00	7.91 0.39 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.37 0.95 0.00	21.88 1.10 0.00	23.99 1.30 0.00	24.27 1.39 0.00	27.67 1.60 0.00	27.50 1.72 0.00	24.69 1.61 0.00	23.67 1.67 0.00	24.53 1.73 0.00	26.06 1.88 0.00	27.15 1.92 0.00	32.01 2.19 0.00	28.20 1.79 0.00	25.83 1.52 0.00	29.62 1.63 0.00	29.67 1.66 0.00	23.66 1.36 0.00	22.90 1.07 0.00
RCPL_TRUST___DRP 24196	18.09 0.95 0.00	17.41 0.83 0.00	12.75 0.61 0.00	7.91 0.38 0.00	10.44 0.50 0.00	14.23 0.68 0.00	21.39 0.98 0.00	21.91 1.14 0.00	24.02 1.33 0.00	24.30 1.43 0.00	27.72 1.65 0.00	27.56 1.78 0.00	24.73 1.65 0.00	23.72 1.72 0.00	24.58 1.79 0.00	26.10 1.92 0.00	27.20 1.97 0.00	32.07 2.25 0.00	28.25 1.84 0.00	25.86 1.55 0.00	29.65 1.66 0.00	29.69 1.68 0.00	23.68 1.37 0.00	22.92 1.09 0.00
RED___ROCHESTER 323720	16.98 -0.16 0.00	16.46 -0.11 0.00	12.08 -0.06 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.49 0.08 0.00	20.66 -0.11 0.00	22.62 -0.07 0.00	22.86 0.00 0.00	26.20 0.12 0.00	25.74 -0.04 0.00	22.98 -0.10 0.00	21.74 -0.25 0.00	22.68 -0.11 0.00	23.92 -0.26 0.00	24.86 -0.37 0.00	29.35 -0.47 0.00	26.11 -0.30 0.00	24.03 -0.28 0.00	27.81 -0.18 0.00	27.74 -0.27 0.00	22.05 -0.26 0.00	21.77 -0.07 0.00
REGAN___SOLAR 323812	18.69 1.56 0.00	18.04 1.47 0.00	13.22 1.08 0.00	8.16 0.63 0.00	10.78 0.84 0.00	14.76 1.21 0.00	22.66 2.05 -0.19	23.98 1.99 -1.21	25.85 2.18 -0.97	25.00 2.10 -0.03	28.61 2.41 -0.13	28.17 2.39 0.00	24.82 1.74 0.00	23.60 1.60 0.00	24.43 1.64 0.00	25.81 1.63 0.00	27.00 1.78 0.00	31.94 2.12 0.00	28.81 2.40 0.00	26.66 2.36 0.00	30.86 2.86 0.00	30.99 2.99 0.00	24.51 2.20 0.00	23.91 2.07 0.00
RENSSELAER___COGEN 23796	17.58 0.45 0.00	16.96 0.39 0.00	12.46 0.32 0.00	7.74 0.21 0.00	10.21 0.27 0.00	13.86 0.31 0.00	17.89 0.39 2.91	10.37 0.52 10.93	15.61 0.59 7.67	23.02 0.58 0.43	24.69 0.58 1.96	26.36 0.58 0.00	23.63 0.55 0.00	22.67 0.68 0.00	23.42 0.63 0.00	24.80 0.62 0.00	25.91 0.68 0.00	30.69 0.86 0.00	27.14 0.73 0.00	24.98 0.67 0.00	28.71 0.72 0.00	28.71 0.70 0.00	22.86 0.55 0.00	22.26 0.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	19.67 2.54 0.00	18.77 2.20 0.00	13.72 1.58 0.00	8.50 0.97 0.00	11.27 1.33 0.00	15.32 1.77 0.00	25.34 2.88 -2.04	31.24 3.10 -7.37	31.18 3.39 -5.10	26.47 3.30 -0.30	31.22 3.77 -1.38	29.46 3.69 0.00	26.23 3.15 0.00	25.10 3.10 0.00	25.38 2.59 0.00	27.19 3.01 0.00	28.35 3.13 0.00	33.83 4.01 0.00	29.88 3.47 0.00	27.37 3.07 0.00	31.43 3.43 0.00	31.29 3.28 0.00	24.87 2.56 0.00	24.19 2.35 0.00
REVERE_CPPR_DRP 24186	17.56 0.43 0.00	16.90 0.33 0.00	12.37 0.23 0.00	7.65 0.12 0.00	10.11 0.16 0.00	13.82 0.27 0.00	20.94 0.53 0.00	21.33 0.56 0.00	23.31 0.62 0.00	23.47 0.60 0.00	26.70 0.63 0.00	26.47 0.69 0.00	23.64 0.56 0.00	22.54 0.55 0.00	23.37 0.58 0.00	24.76 0.58 0.00	25.79 0.56 0.00	30.58 0.76 0.00	27.23 0.82 0.00	25.17 0.86 0.00	29.10 1.10 0.00	29.02 1.02 0.00	23.05 0.73 0.00	22.48 0.64 0.00

REYNOLDS_115KV_TB3 80639	17.74 0.61 0.00	17.12 0.54 0.00	12.56 0.42 0.00	7.80 0.27 0.00	10.29 0.35 0.00	13.97 0.42 0.00	17.07 0.57 3.92	6.71 0.69 14.75	13.10 0.78 10.37	23.08 0.78 0.58	24.22 0.79 2.63	26.55 0.77 0.00	23.80 0.72 0.00	22.85 0.85 0.00	23.60 0.80 0.00	24.98 0.80 0.00	26.10 0.87 0.00	30.90 1.08 0.00	27.34 0.93 0.00	25.17 0.86 0.00	28.93 0.93 0.00	28.94 0.94 0.00	23.04 0.73 0.00	22.46 0.63 0.00
RIVERBAY____ 323610	18.13 1.00 0.00	17.42 0.84 0.00	12.76 0.62 0.00	7.91 0.38 0.00	10.45 0.50 0.00	14.23 0.68 0.00	21.37 0.96 0.00	21.86 1.09 0.00	23.96 1.27 0.00	24.19 1.32 0.00	27.57 1.50 0.00	27.47 1.69 0.00	24.64 1.56 0.00	23.64 1.65 0.00	24.40 1.61 0.00	25.93 1.75 0.00	27.03 1.80 0.00	31.87 2.05 0.00	28.09 1.68 0.00	25.74 1.44 0.00	29.54 1.55 0.00	29.59 1.58 0.00	23.62 1.31 0.00	22.86 1.03 0.00
RIVERSDE_115KV_TB3 55908	17.66 0.52 0.00	17.03 0.46 0.00	12.51 0.37 0.00	7.77 0.24 0.00	10.25 0.31 0.00	13.91 0.36 0.00	18.00 0.48 2.90	9.26 0.59 12.11	14.53 0.67 8.83	23.14 0.69 0.43	24.83 0.71 1.95	26.49 0.71 0.00	23.74 0.66 0.00	22.78 0.79 0.00	23.53 0.74 0.00	24.92 0.74 0.00	26.03 0.81 0.00	30.83 1.01 0.00	27.26 0.85 0.00	25.09 0.79 0.00	28.84 0.84 0.00	28.83 0.83 0.00	22.95 0.64 0.00	22.35 0.52 0.00
ROARING____BROOK_WT_PWR 323790	16.90 -0.23 0.00	16.32 -0.25 0.00	11.91 -0.23 0.00	7.28 -0.25 0.00	9.49 -0.46 0.00	13.03 -0.52 0.00	19.91 -0.50 0.00	20.42 -0.36 0.00	22.38 -0.32 0.00	22.47 -0.40 0.00	25.69 -0.38 0.00	25.42 -0.37 0.00	22.79 -0.29 0.00	21.73 -0.26 0.00	22.56 -0.23 0.00	24.00 -0.18 0.00	25.08 -0.14 0.00	29.64 -0.18 0.00	26.30 -0.11 0.00	24.21 -0.09 0.00	27.91 -0.09 0.00	27.94 -0.07 0.00	22.27 -0.04 0.00	21.79 -0.04 0.00
ROCHESRG_115KV_T4 355643	16.80 -0.33 0.00	16.30 -0.27 0.00	11.97 -0.17 0.00	7.46 -0.07 0.00	9.88 -0.06 0.00	13.41 -0.14 0.00	20.29 -0.12 0.00	20.45 -0.33 0.00	22.38 -0.32 0.00	22.62 -0.25 0.00	25.90 -0.18 0.00	25.46 -0.32 0.00	22.74 -0.35 0.00	21.52 -0.48 0.00	22.42 -0.37 0.00	23.64 -0.55 0.00	24.55 -0.67 0.00	28.99 -0.83 0.00	25.78 -0.63 0.00	23.73 -0.58 0.00	27.47 -0.52 0.00	27.41 -0.59 0.00	21.80 -0.51 0.00	21.54 -0.30 0.00
ROCHESTER_9_IC 23652	16.90 -0.23 0.00	16.40 -0.18 0.00	12.03 -0.11 0.00	7.49 -0.03 0.00	9.93 -0.02 0.00	13.48 -0.07 0.00	20.40 -0.01 0.00	20.56 -0.22 0.00	22.51 -0.19 0.00	22.75 -0.11 0.00	26.06 -0.02 0.00	25.61 -0.17 0.00	22.87 -0.21 0.00	21.64 -0.36 0.00	22.56 -0.23 0.00	23.78 -0.40 0.00	24.71 -0.52 0.00	29.18 -0.64 0.00	25.96 -0.45 0.00	23.88 -0.42 0.00	27.65 -0.34 0.00	27.59 -0.42 0.00	21.94 -0.38 0.00	21.66 -0.17 0.00
ROCKVIEW_13_KV_LD 356306	18.10 0.97 0.00	17.42 0.84 0.00	12.75 0.62 0.00	7.91 0.38 0.00	10.44 0.49 0.00	14.23 0.68 0.00	21.40 0.99 0.00	21.92 1.15 0.00	24.01 1.32 0.00	24.28 1.41 0.00	27.69 1.62 0.00	27.51 1.73 0.00	24.70 1.62 0.00	23.66 1.67 0.00	24.53 1.74 0.00	26.07 1.89 0.00	27.18 1.95 0.00	32.06 2.24 0.00	28.26 1.85 0.00	25.89 1.58 0.00	29.68 1.69 0.00	29.71 1.71 0.00	23.68 1.37 0.00	22.94 1.10 0.00
ROME____115KV_TB2 80656	17.56 0.43 0.00	16.90 0.33 0.00	12.37 0.23 0.00	7.65 0.12 0.00	10.11 0.16 0.00	13.82 0.27 0.00	20.94 0.53 0.00	21.33 0.56 0.00	23.31 0.62 0.00	23.47 0.60 0.00	26.70 0.63 0.00	26.47 0.69 0.00	23.64 0.56 0.00	22.54 0.55 0.00	23.37 0.58 0.00	24.76 0.58 0.00	25.79 0.56 0.00	30.58 0.76 0.00	27.23 0.82 0.00	25.17 0.86 0.00	29.10 1.10 0.00	29.02 1.02 0.00	23.05 0.73 0.00	22.48 0.64 0.00
ROSETON____1 23587	17.90 0.77 0.00	17.23 0.66 0.00	12.62 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.09 0.54 0.00	21.19 0.79 0.00	21.69 0.92 0.00	23.75 1.05 0.00	23.98 1.11 0.00	27.34 1.26 0.00	27.13 1.35 0.00	24.33 1.24 0.00	23.30 1.31 0.00	24.15 1.35 0.00	25.64 1.46 0.00	26.75 1.53 0.00	31.59 1.77 0.00	27.87 1.46 0.00	25.56 1.26 0.00	29.34 1.34 0.00	29.36 1.35 0.00	23.40 1.10 0.00	22.71 0.87 0.00
ROSETON____2 23588	17.90 0.77 0.00	17.23 0.66 0.00	12.62 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.09 0.54 0.00	21.19 0.79 0.00	21.69 0.92 0.00	23.75 1.05 0.00	23.98 1.11 0.00	27.34 1.26 0.00	27.13 1.35 0.00	24.33 1.24 0.00	23.30 1.31 0.00	24.15 1.35 0.00	25.64 1.46 0.00	26.75 1.53 0.00	31.59 1.77 0.00	27.87 1.46 0.00	25.56 1.26 0.00	29.34 1.34 0.00	29.36 1.35 0.00	23.40 1.10 0.00	22.71 0.87 0.00
ROTTDAM_115KV_TB3 80664	17.89 0.76 0.00	17.26 0.69 0.00	12.64 0.50 0.00	7.84 0.31 0.00	10.36 0.42 0.00	14.09 0.54 0.00	21.46 0.82 -0.22	23.12 0.94 -1.41	24.88 1.05 -1.13	23.94 1.04 -0.03	27.37 1.14 -0.15	26.91 1.13 0.00	24.05 0.97 0.00	23.01 1.02 0.00	23.76 0.97 0.00	25.21 1.03 0.00	26.35 1.12 0.00	31.19 1.37 0.00	27.60 1.19 0.00	25.40 1.09 0.00	29.20 1.22 0.00	29.21 1.21 0.00	23.24 0.93 0.00	22.64 0.80 0.00
RUSSELL____1 23602	16.97 -0.16 0.00	16.46 -0.11 0.00	12.08 -0.06 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.49 0.08 0.00	20.65 -0.12 0.00	22.62 -0.08 0.00	22.86 0.00 0.00	26.19 0.12 0.00	25.73 -0.05 0.00	22.98 -0.10 0.00	21.74 -0.25 0.00	22.68 -0.11 0.00	23.91 -0.27 0.00	24.85 -0.37 0.00	29.35 -0.47 0.00	26.11 -0.30 0.00	24.02 -0.28 0.00	27.81 -0.18 0.00	27.74 -0.26 0.00	22.05 -0.26 0.00	21.77 -0.07 0.00
RUSSELL____2 23532	16.97 -0.16 0.00	16.46 -0.11 0.00	12.08 -0.06 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.49 0.08 0.00	20.65 -0.12 0.00	22.62 -0.08 0.00	22.86 0.00 0.00	26.19 0.12 0.00	25.73 -0.05 0.00	22.98 -0.10 0.00	21.74 -0.25 0.00	22.68 -0.11 0.00	23.91 -0.27 0.00	24.85 -0.37 0.00	29.35 -0.47 0.00	26.11 -0.30 0.00	24.02 -0.28 0.00	27.81 -0.18 0.00	27.74 -0.26 0.00	22.05 -0.26 0.00	21.77 -0.07 0.00
RUSSELL____3 23549	16.97 -0.16 0.00	16.46 -0.11 0.00	12.08 -0.06 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.49 0.08 0.00	20.65 -0.12 0.00	22.62 -0.08 0.00	22.86 0.00 0.00	26.19 0.12 0.00	25.73 -0.05 0.00	22.98 -0.10 0.00	21.74 -0.25 0.00	22.68 -0.11 0.00	23.91 -0.27 0.00	24.85 -0.37 0.00	29.35 -0.47 0.00	26.11 -0.30 0.00	24.02 -0.28 0.00	27.81 -0.18 0.00	27.74 -0.26 0.00	22.05 -0.26 0.00	21.77 -0.07 0.00
RUSSELL____4 23556	16.97 -0.16 0.00	16.46 -0.11 0.00	12.08 -0.06 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.49 0.08 0.00	20.65 -0.12 0.00	22.62 -0.08 0.00	22.86 0.00 0.00	26.19 0.12 0.00	25.73 -0.05 0.00	22.98 -0.10 0.00	21.74 -0.25 0.00	22.68 -0.11 0.00	23.91 -0.27 0.00	24.85 -0.37 0.00	29.35 -0.47 0.00	26.11 -0.30 0.00	24.02 -0.28 0.00	27.81 -0.18 0.00	27.74 -0.26 0.00	22.05 -0.26 0.00	21.77 -0.07 0.00

RUSSELL___STATION 23914	16.97 -0.16 0.00	16.46 -0.11 0.00	12.08 -0.06 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.49 0.08 0.00	20.65 -0.12 0.00	22.62 -0.08 0.00	22.86 0.00 0.00	26.19 0.12 0.00	25.73 -0.05 0.00	22.98 -0.10 0.00	21.74 -0.25 0.00	22.68 -0.11 0.00	23.91 -0.27 0.00	24.85 -0.37 0.00	29.35 -0.47 0.00	26.11 -0.30 0.00	24.02 -0.28 0.00	27.81 -0.18 0.00	27.74 -0.26 0.00	22.05 -0.26 0.00	21.77 -0.07 0.00
S SALMON___HYD 24043	17.02 -0.11 0.00	16.37 -0.20 0.00	11.97 -0.17 0.00	7.40 -0.12 0.00	9.77 -0.17 0.00	13.37 -0.18 0.00	20.29 -0.12 0.00	20.66 -0.12 0.00	22.51 -0.18 0.00	22.62 -0.25 0.00	25.84 -0.23 0.00	25.47 -0.31 0.00	22.73 -0.35 0.00	21.61 -0.38 0.00	22.42 -0.37 0.00	23.72 -0.46 0.00	24.75 -0.48 0.00	29.29 -0.53 0.00	26.07 -0.34 0.00	24.10 -0.21 0.00	27.97 -0.03 0.00	28.06 0.06 0.00	22.28 -0.03 0.00	21.82 -0.01 0.00
S.PERRY___115KV_TB1 80734	17.18 0.05 0.00	16.68 0.11 0.00	12.23 0.09 0.00	7.62 0.10 0.00	10.15 0.21 0.00	13.78 0.23 0.00	20.94 0.53 0.00	21.10 0.32 0.00	22.93 0.23 0.00	23.27 0.40 0.00	26.55 0.48 0.00	26.03 0.25 0.00	23.29 0.21 0.00	22.01 0.01 0.00	23.00 0.21 0.00	24.21 0.03 0.00	25.14 -0.08 0.00	30.00 0.17 0.00	26.65 0.24 0.00	24.67 0.36 0.00	28.62 0.63 0.00	28.50 0.50 0.00	22.56 0.25 0.00	22.16 0.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.52 -0.61 0.00	16.07 -0.51 0.00	11.83 -0.31 0.00	7.40 -0.13 0.00	9.82 -0.12 0.00	13.26 -0.28 0.00	20.09 -0.32 0.00	20.15 -0.62 0.00	22.10 -0.59 0.00	22.35 -0.52 0.00	25.64 -0.44 0.00	25.15 -0.63 0.00	22.47 -0.61 0.00	21.21 -0.78 0.00	22.16 -0.63 0.00	23.25 -0.93 0.00	24.04 -1.19 0.00	28.32 -1.50 0.00	25.22 -1.19 0.00	23.21 -1.09 0.00	26.97 -1.02 0.00	26.88 -1.13 0.00	21.40 -0.91 0.00	21.26 -0.57 0.00
SAWYER___23_KV_LOAD 55526	16.52 -0.61 0.00	16.07 -0.51 0.00	11.83 -0.31 0.00	7.40 -0.13 0.00	9.82 -0.12 0.00	13.26 -0.28 0.00	20.09 -0.32 0.00	20.15 -0.62 0.00	22.10 -0.59 0.00	22.35 -0.52 0.00	25.64 -0.44 0.00	25.15 -0.63 0.00	22.47 -0.61 0.00	21.21 -0.78 0.00	22.16 -0.63 0.00	23.25 -0.93 0.00	24.04 -1.19 0.00	28.32 -1.50 0.00	25.22 -1.19 0.00	23.21 -1.09 0.00	26.97 -1.02 0.00	26.88 -1.13 0.00	21.40 -0.91 0.00	21.26 -0.57 0.00
SELKIRK___I 23801	17.73 0.60 0.00	17.13 0.55 0.00	12.57 0.43 0.00	7.81 0.28 0.00	10.31 0.37 0.00	14.00 0.45 0.00	19.33 0.61 1.69	15.21 0.73 6.29	19.11 0.83 4.41	23.43 0.81 0.25	25.77 0.83 1.13	26.59 0.81 0.00	23.84 0.76 0.00	22.84 0.85 0.00	23.62 0.82 0.00	25.00 0.82 0.00	26.10 0.88 0.00	30.93 1.11 0.00	27.37 0.96 0.00	25.20 0.90 0.00	28.98 0.99 0.00	28.98 0.97 0.00	23.06 0.75 0.00	22.49 0.65 0.00
SELKIRK___II 23799	17.63 0.50 0.00	17.02 0.44 0.00	12.49 0.35 0.00	7.75 0.23 0.00	10.24 0.29 0.00	13.90 0.35 0.00	18.97 0.48 1.91	14.22 0.59 7.14	18.36 0.68 5.01	23.26 0.68 0.28	25.48 0.69 1.28	26.47 0.69 0.00	23.73 0.65 0.00	22.74 0.75 0.00	23.50 0.71 0.00	24.90 0.72 0.00	26.00 0.77 0.00	30.78 0.96 0.00	27.23 0.83 0.00	25.05 0.75 0.00	28.80 0.81 0.00	28.80 0.80 0.00	22.94 0.63 0.00	22.35 0.51 0.00
SENECA OSWGO___HYD 24041	16.89 -0.24 0.00	16.32 -0.25 0.00	11.96 -0.18 0.00	7.42 -0.11 0.00	9.82 -0.13 0.00	13.38 -0.17 0.00	20.17 -0.24 0.00	20.47 -0.31 0.00	22.33 -0.36 0.00	22.50 -0.37 0.00	25.66 -0.41 0.00	25.36 -0.42 0.00	22.65 -0.43 0.00	21.55 -0.44 0.00	22.35 -0.44 0.00	23.66 -0.52 0.00	24.69 -0.53 0.00	29.23 -0.60 0.00	25.90 -0.51 0.00	23.83 -0.47 0.00	27.50 -0.49 0.00	27.49 -0.52 0.00	21.87 -0.44 0.00	21.47 -0.36 0.00
SENECA___115KV_TB3 355854	16.65 -0.49 0.00	16.19 -0.38 0.00	11.91 -0.23 0.00	7.45 -0.08 0.00	9.90 -0.04 0.00	13.38 -0.16 0.00	20.28 -0.13 0.00	20.39 -0.39 0.00	22.37 -0.33 0.00	22.61 -0.26 0.00	25.93 -0.14 0.00	25.46 -0.32 0.00	22.74 -0.34 0.00	21.49 -0.50 0.00	22.48 -0.31 0.00	23.59 -0.59 0.00	24.39 -0.84 0.00	28.73 -1.09 0.00	25.53 -0.87 0.00	23.52 -0.79 0.00	27.31 -0.68 0.00	27.22 -0.79 0.00	21.64 -0.67 0.00	21.45 -0.39 0.00
SENECA___ENERGY 23797	16.92 -0.21 0.00	16.38 -0.19 0.00	12.00 -0.14 0.00	7.46 -0.07 0.00	9.90 -0.04 0.00	13.49 -0.06 0.00	20.42 0.01 0.00	20.77 -0.01 0.00	22.64 -0.05 0.00	22.86 -0.01 0.00	26.09 0.01 0.00	25.77 -0.01 0.00	23.03 -0.05 0.00	21.87 -0.12 0.00	22.74 -0.05 0.00	24.00 -0.18 0.00	25.02 -0.21 0.00	29.57 -0.25 0.00	26.20 -0.21 0.00	24.14 -0.16 0.00	27.88 -0.11 0.00	27.87 -0.13 0.00	22.15 -0.16 0.00	21.71 -0.12 0.00
SHOEMAKER___GT 23640	17.83 0.70 0.00	17.17 0.60 0.00	12.57 0.43 0.00	7.81 0.29 0.00	10.31 0.37 0.00	14.04 0.49 0.00	21.13 0.72 0.00	21.60 0.83 0.00	23.63 0.93 0.00	23.85 0.99 0.00	27.18 1.11 0.00	26.92 1.14 0.00	24.13 1.05 0.00	23.10 1.11 0.00	23.94 1.15 0.00	25.44 1.25 0.00	26.55 1.32 0.00	31.38 1.55 0.00	27.71 1.31 0.00	25.44 1.14 0.00	29.23 1.24 0.00	29.25 1.25 0.00	23.31 1.00 0.00	22.63 0.80 0.00
SHOEMAKR_138KV_BK 111 55601	17.80 0.67 0.00	17.15 0.58 0.00	12.56 0.42 0.00	7.80 0.27 0.00	10.29 0.35 0.00	14.03 0.48 0.00	21.11 0.70 0.00	21.58 0.81 0.00	23.60 0.91 0.00	23.83 0.96 0.00	27.17 1.10 0.00	26.93 1.15 0.00	24.14 1.06 0.00	23.11 1.11 0.00	23.95 1.15 0.00	25.44 1.26 0.00	26.55 1.32 0.00	31.37 1.55 0.00	27.69 1.28 0.00	25.42 1.11 0.00	29.20 1.21 0.00	29.22 1.22 0.00	23.28 0.97 0.00	22.61 0.77 0.00
SHOREHAM_IC_1 23715	33.57 1.00 -15.44	26.56 0.88 -9.11	16.23 0.65 -3.44	7.90 0.37 0.00	10.43 0.48 0.00	14.29 0.70 -0.03	27.22 1.02 -5.78	30.84 1.17 -8.90	30.95 1.41 -6.85	50.65 1.50 -26.27	28.30 1.43 -0.80	27.66 1.59 -0.30	26.48 1.36 -2.04	25.53 1.45 -2.08	25.93 1.46 -1.68	27.84 1.56 -2.11	26.90 1.59 -0.08	31.53 1.71 0.00	27.99 1.58 0.00	27.58 1.53 -1.74	29.34 1.35 0.00	29.19 1.29 0.10	23.32 1.02 0.00	22.65 0.81 0.00
SHOREHAM_IC_2 23716	33.57 1.00 -15.44	26.56 0.88 -9.11	16.23 0.65 -3.44	7.90 0.37 0.00	10.43 0.48 0.00	14.29 0.70 -0.03	27.22 1.02 -5.78	30.84 1.17 -8.90	30.95 1.41 -6.85	50.65 1.50 -26.27	28.30 1.43 -0.80	27.66 1.59 -0.30	26.48 1.36 -2.04	25.53 1.45 -2.08	25.93 1.46 -1.68	27.84 1.56 -2.11	26.90 1.59 -0.08	31.53 1.71 0.00	27.99 1.58 0.00	27.58 1.53 -1.74	29.34 1.35 0.00	29.19 1.29 0.10	23.32 1.02 0.00	22.65 0.81 0.00
SISSONVILLE___ 23735	17.26 0.13 0.00	16.66 0.09 0.00	12.18 0.04 0.00	7.50 -0.03 0.00	9.91 -0.04 0.00	13.60 0.06 0.00	20.68 0.27 0.00	21.18 0.41 0.00	23.04 0.35 0.00	23.10 0.23 0.00	26.42 0.35 0.00	26.05 0.27 0.00	23.18 0.10 0.00	22.06 0.07 0.00	22.87 0.08 0.00	24.33 0.15 0.00	25.29 0.07 0.00	29.58 -0.24 0.00	26.66 0.25 0.00	24.70 0.39 0.00	28.61 0.62 0.00	28.65 0.65 0.00	22.86 0.55 0.00	22.33 0.49 0.00

SITHE_IND_GS1 24169	16.70 -0.43 0.00	16.15 -0.42 0.00	11.84 -0.30 0.00	7.34 -0.18 0.00	9.71 -0.23 0.00	13.23 -0.32 0.00	19.94 -0.47 0.00	20.22 -0.56 0.00	22.06 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.70 0.00	22.09 -0.70 0.00	23.41 -0.77 0.00	24.40 -0.83 0.00	28.85 -0.97 0.00	25.56 -0.85 0.00	23.54 -0.77 0.00	27.12 -0.87 0.00	27.13 -0.88 0.00	21.61 -0.70 0.00	21.25 -0.58 0.00
SITHE_IND_GS2 24170	16.70 -0.43 0.00	16.15 -0.42 0.00	11.84 -0.30 0.00	7.34 -0.18 0.00	9.71 -0.23 0.00	13.23 -0.32 0.00	19.94 -0.47 0.00	20.22 -0.56 0.00	22.06 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.70 0.00	22.09 -0.70 0.00	23.41 -0.77 0.00	24.40 -0.83 0.00	28.85 -0.97 0.00	25.56 -0.85 0.00	23.54 -0.77 0.00	27.12 -0.87 0.00	27.13 -0.88 0.00	21.61 -0.70 0.00	21.25 -0.58 0.00
SITHE_IND_GS3 24171	16.70 -0.43 0.00	16.15 -0.42 0.00	11.84 -0.30 0.00	7.34 -0.18 0.00	9.71 -0.23 0.00	13.23 -0.32 0.00	19.94 -0.47 0.00	20.22 -0.56 0.00	22.06 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.70 0.00	22.09 -0.70 0.00	23.41 -0.77 0.00	24.40 -0.83 0.00	28.85 -0.97 0.00	25.56 -0.85 0.00	23.54 -0.77 0.00	27.12 -0.87 0.00	27.13 -0.88 0.00	21.61 -0.70 0.00	21.25 -0.58 0.00
SITHE_IND_GS4 24172	16.70 -0.43 0.00	16.15 -0.42 0.00	11.84 -0.30 0.00	7.34 -0.18 0.00	9.71 -0.23 0.00	13.23 -0.32 0.00	19.94 -0.47 0.00	20.22 -0.56 0.00	22.06 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.70 0.00	22.09 -0.70 0.00	23.41 -0.77 0.00	24.40 -0.83 0.00	28.85 -0.97 0.00	25.56 -0.85 0.00	23.54 -0.77 0.00	27.12 -0.87 0.00	27.13 -0.88 0.00	21.61 -0.70 0.00	21.25 -0.58 0.00
SITHE___BATAVIA 24024	16.95 -0.18 0.00	16.47 -0.10 0.00	12.12 -0.03 0.00	7.58 0.05 0.00	10.06 0.11 0.00	13.60 0.06 0.00	20.60 0.19 0.00	20.69 -0.09 0.00	22.63 -0.07 0.00	22.87 0.00 0.00	26.26 0.18 0.00	25.76 -0.02 0.00	22.92 -0.16 0.00	21.68 -0.32 0.00	22.59 -0.20 0.00	23.82 -0.37 0.00	24.70 -0.53 0.00	29.27 -0.55 0.00	26.06 -0.35 0.00	23.98 -0.32 0.00	27.80 -0.19 0.00	27.71 -0.29 0.00	22.00 -0.31 0.00	21.82 -0.01 0.00
SITHE___INDEPEND 23800	16.70 -0.43 0.00	16.15 -0.42 0.00	11.84 -0.30 0.00	7.34 -0.18 0.00	9.71 -0.23 0.00	13.23 -0.32 0.00	19.94 -0.47 0.00	20.22 -0.56 0.00	22.05 -0.64 0.00	22.23 -0.64 0.00	25.35 -0.72 0.00	25.06 -0.72 0.00	22.40 -0.67 0.00	21.30 -0.70 0.00	22.09 -0.70 0.00	23.40 -0.78 0.00	24.40 -0.83 0.00	28.85 -0.97 0.00	25.56 -0.85 0.00	23.54 -0.77 0.00	27.12 -0.87 0.00	27.13 -0.88 0.00	21.61 -0.70 0.00	21.25 -0.58 0.00
SITHE___MASSENA 23902	17.17 0.04 0.00	16.63 0.06 0.00	12.17 0.03 0.00	7.51 -0.01 0.00	9.92 -0.02 0.00	13.58 0.03 0.00	20.53 0.12 0.00	20.89 0.12 0.00	22.77 0.08 0.00	22.89 0.02 0.00	26.12 0.05 0.00	25.79 0.01 0.00	23.10 0.01 0.00	21.98 -0.01 0.00	22.74 -0.05 0.00	24.22 0.04 0.00	25.25 0.02 0.00	29.80 -0.02 0.00	26.50 0.10 0.00	24.44 0.13 0.00	28.19 0.20 0.00	28.24 0.23 0.00	22.52 0.21 0.00	22.06 0.22 0.00
SITHE___OGDNSBRG 24021	17.46 0.33 0.00	16.89 0.31 0.00	12.35 0.21 0.00	7.61 0.09 0.00	10.06 0.11 0.00	13.79 0.24 0.00	20.94 0.53 0.00	21.36 0.59 0.00	23.26 0.56 0.00	23.33 0.46 0.00	26.59 0.51 0.00	26.20 0.42 0.00	23.41 0.33 0.00	22.27 0.27 0.00	23.09 0.30 0.00	24.61 0.43 0.00	25.59 0.37 0.00	30.09 0.26 0.00	26.92 0.51 0.00	24.92 0.62 0.00	28.87 0.87 0.00	28.91 0.90 0.00	23.03 0.71 0.00	22.49 0.66 0.00
SITHE___STERLING 23777	17.43 0.30 0.00	16.81 0.24 0.00	12.31 0.17 0.00	7.62 0.10 0.00	10.07 0.13 0.00	13.76 0.21 0.00	20.81 0.40 0.00	21.18 0.40 0.00	23.13 0.44 0.00	23.32 0.45 0.00	26.53 0.46 0.00	26.30 0.52 0.00	23.52 0.44 0.00	22.41 0.41 0.00	23.24 0.45 0.00	24.61 0.43 0.00	25.65 0.42 0.00	30.39 0.57 0.00	26.98 0.57 0.00	24.92 0.61 0.00	28.78 0.79 0.00	28.74 0.73 0.00	22.81 0.50 0.00	22.28 0.45 0.00
SLEIGHT__34_KV_TB1 80719	17.23 0.09 0.00	16.66 0.08 0.00	12.18 0.04 0.00	7.56 0.03 0.00	10.01 0.07 0.00	13.66 0.11 0.00	20.67 0.26 0.00	20.98 0.20 0.00	22.94 0.24 0.00	23.14 0.27 0.00	26.43 0.36 0.00	26.18 0.40 0.00	23.34 0.26 0.00	22.26 0.26 0.00	23.06 0.26 0.00	24.39 0.20 0.00	25.44 0.21 0.00	30.08 0.26 0.00	26.68 0.27 0.00	24.54 0.24 0.00	28.33 0.34 0.00	28.33 0.33 0.00	22.51 0.19 0.00	22.05 0.22 0.00
SOUTH CAIRO___GT 23612	18.22 1.09 0.00	17.58 1.00 0.00	12.91 0.77 0.00	8.02 0.49 0.00	10.59 0.65 0.00	14.38 0.83 0.00	20.01 1.25 1.64	16.05 1.43 6.16	19.92 1.55 4.32	24.10 1.47 0.24	26.49 1.52 1.11	27.03 1.25 0.00	24.27 1.19 0.00	23.26 1.26 0.00	24.05 1.26 0.00	25.40 1.22 0.00	26.48 1.25 0.00	31.60 1.78 0.00	28.18 1.77 0.00	26.02 1.71 0.00	29.97 1.98 0.00	29.95 1.95 0.00	23.74 1.43 0.00	23.09 1.26 0.00
SOUTH HAMPTN___IC 23720	33.89 1.32 -15.44	26.88 1.19 -9.11	16.45 0.87 -3.44	8.05 0.52 0.00	10.62 0.68 0.00	14.55 0.96 -0.03	27.63 1.43 -5.78	31.27 1.59 -8.90	31.43 1.89 -6.85	51.15 2.01 -26.27	28.92 2.05 -0.80	28.25 2.17 -0.30	27.00 1.88 -2.04	25.96 1.89 -2.08	26.45 1.98 -1.68	28.41 2.12 -2.11	27.48 2.17 -0.08	32.22 2.40 0.00	28.59 2.18 0.00	28.11 2.06 -1.74	29.94 1.95 0.00	29.76 1.86 0.10	23.76 1.45 0.00	23.05 1.22 0.00
SOUTHDOW__115KV_TB1 355954	17.09 -0.04 0.00	16.58 0.01 0.00	12.14 0.00 0.00	7.55 0.02 0.00	10.14 0.20 0.00	13.80 0.25 0.00	20.87 0.45 0.00	21.17 0.40 0.00	23.38 0.68 0.00	23.65 0.78 0.00	27.28 1.21 0.00	26.86 1.08 0.00	23.97 0.89 0.00	22.71 0.72 0.00	23.73 0.94 0.00	24.82 0.63 0.00	25.44 0.22 0.00	29.97 0.14 0.00	26.64 0.23 0.00	24.47 0.16 0.00	28.29 0.29 0.00	28.12 0.11 0.00	22.34 0.03 0.00	21.89 0.06 0.00
SOUTHOLD_69_KV_BK 2 55809	34.21 1.64 -15.44	27.19 1.50 -9.11	16.67 1.10 -3.44	8.18 0.66 0.00	10.81 0.86 0.00	14.80 1.22 -0.03	28.03 1.83 -5.78	31.68 2.01 -8.90	31.89 2.35 -6.85	51.65 2.51 -26.27	29.52 2.65 -0.80	28.82 2.74 -0.30	27.51 2.38 -2.04	26.40 2.32 -2.08	26.95 2.48 -1.68	28.97 2.68 -2.11	28.07 2.77 -0.08	32.95 3.13 0.00	29.24 2.83 0.00	28.70 2.65 -1.74	30.62 2.63 0.00	30.39 2.49 0.10	24.20 1.89 0.00	23.48 1.64 0.00
SOUTHOLD___IC 23719	34.21 1.64 -15.44	27.19 1.50 -9.11	16.67 1.09 -3.44	8.18 0.66 0.00	10.81 0.86 0.00	14.80 1.22 -0.03	28.03 1.83 -5.78	31.69 2.01 -8.90	31.89 2.35 -6.85	51.65 2.51 -26.27	29.51 2.64 -0.80	28.82 2.74 -0.30	27.50 2.38 -2.04	26.39 2.32 -2.08	26.95 2.48 -1.68	28.96 2.68 -2.11	28.06 2.76 -0.08	32.94 3.12 0.00	29.24 2.83 0.00	28.70 2.65 -1.74	30.61 2.62 0.00	30.38 2.48 0.10	24.22 1.91 0.00	23.48 1.64 0.00

SPIERFLS_115KV_TB 1 80737	18.62 1.49 0.00	17.90 1.33 0.00	13.10 0.96 0.00	8.13 0.60 0.00	10.75 0.81 0.00	14.62 1.07 0.00	23.99 1.72 -1.86	29.42 1.89 -6.76	29.43 2.05 -4.69	25.15 2.01 -0.27	29.57 2.25 -1.25	27.77 1.99 0.00	24.49 1.41 0.00	23.41 1.41 0.00	24.03 1.24 0.00	25.63 1.45 0.00	26.85 1.62 0.00	31.96 2.14 0.00	28.27 1.86 0.00	25.99 1.69 0.00	29.91 1.91 0.00	29.85 1.84 0.00	23.69 1.38 0.00	23.05 1.21 0.00
ST LAWRENCE____ 23600	16.96 -0.17 0.00	16.43 -0.14 0.00	12.03 -0.11 0.00	7.44 -0.09 0.00	9.81 -0.13 0.00	13.42 -0.13 0.00	20.26 -0.15 0.00	20.62 -0.16 0.00	22.49 -0.20 0.00	22.62 -0.25 0.00	25.80 -0.27 0.00	25.48 -0.30 0.00	22.83 -0.25 0.00	21.72 -0.28 0.00	22.48 -0.31 0.00	23.94 -0.24 0.00	24.98 -0.24 0.00	29.50 -0.32 0.00	26.20 -0.20 0.00	24.14 -0.16 0.00	27.84 -0.16 0.00	27.88 -0.13 0.00	22.24 -0.07 0.00	21.79 -0.04 0.00
STATE_CA_115KV_115_LB 55624	17.67 0.53 0.00	17.04 0.47 0.00	12.52 0.38 0.00	7.77 0.25 0.00	10.26 0.32 0.00	13.92 0.37 0.00	18.82 0.49 2.09	16.39 0.69 5.09	20.70 0.87 2.86	23.28 0.72 0.31	25.40 0.74 1.41	26.53 0.75 0.00	23.77 0.69 0.00	22.81 0.82 0.00	23.56 0.77 0.00	24.95 0.77 0.00	26.07 0.85 0.00	30.88 1.06 0.00	27.31 0.90 0.00	25.13 0.82 0.00	28.87 0.88 0.00	28.86 0.85 0.00	22.97 0.65 0.00	22.36 0.52 0.00
STATE_ST_34_KV_LOAD 55959	17.26 0.12 0.00	16.71 0.13 0.00	12.24 0.10 0.00	7.61 0.08 0.00	10.09 0.14 0.00	13.75 0.20 0.00	20.78 0.37 0.00	21.08 0.31 0.00	23.00 0.31 0.00	23.18 0.31 0.00	26.44 0.37 0.00	26.01 0.23 0.00	23.27 0.19 0.00	22.10 0.11 0.00	23.07 0.28 0.00	24.46 0.28 0.00	25.54 0.31 0.00	30.12 0.30 0.00	26.67 0.26 0.00	24.57 0.26 0.00	28.36 0.37 0.00	28.43 0.43 0.00	22.58 0.27 0.00	22.15 0.32 0.00
STATION 5_MISC_HYD 23604	16.90 -0.23 0.00	16.40 -0.18 0.00	12.03 -0.11 0.00	7.49 -0.03 0.00	9.93 -0.02 0.00	13.48 -0.07 0.00	20.40 -0.01 0.00	20.57 -0.21 0.00	22.51 -0.18 0.00	22.75 -0.12 0.00	26.06 -0.02 0.00	25.62 -0.16 0.00	22.88 -0.21 0.00	21.64 -0.35 0.00	22.56 -0.23 0.00	23.79 -0.39 0.00	24.72 -0.51 0.00	29.18 -0.64 0.00	25.96 -0.45 0.00	23.88 -0.42 0.00	27.65 -0.35 0.00	27.58 -0.42 0.00	21.94 -0.38 0.00	21.66 -0.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.97 -0.16 0.00	16.44 -0.13 0.00	12.06 -0.08 0.00	7.50 -0.02 0.00	9.95 0.00 0.00	13.53 -0.02 0.00	20.50 0.09 0.00	20.74 -0.03 0.00	22.68 -0.01 0.00	22.90 0.03 0.00	26.20 0.13 0.00	25.84 0.06 0.00	23.04 -0.04 0.00	21.88 -0.12 0.00	22.76 -0.03 0.00	24.01 -0.17 0.00	24.99 -0.23 0.00	29.56 -0.27 0.00	26.23 -0.18 0.00	24.15 -0.16 0.00	27.92 -0.07 0.00	27.85 -0.15 0.00	22.14 -0.17 0.00	21.76 -0.08 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.80 -0.33 0.00	16.30 -0.28 0.00	11.96 -0.18 0.00	7.45 -0.08 0.00	9.86 -0.08 0.00	13.39 -0.15 0.00	20.28 -0.13 0.00	20.46 -0.32 0.00	22.40 -0.30 0.00	22.65 -0.22 0.00	25.92 -0.15 0.00	25.50 -0.28 0.00	22.77 -0.31 0.00	21.56 -0.43 0.00	22.47 -0.32 0.00	23.70 -0.48 0.00	24.63 -0.60 0.00	29.09 -0.73 0.00	25.86 -0.55 0.00	23.79 -0.52 0.00	27.53 -0.46 0.00	27.46 -0.54 0.00	21.83 -0.48 0.00	21.54 -0.30 0.00
STA_56____34_KV_BUS2 355983	16.80 -0.33 0.00	16.30 -0.28 0.00	11.96 -0.18 0.00	7.45 -0.08 0.00	9.86 -0.08 0.00	13.39 -0.15 0.00	20.28 -0.13 0.00	20.46 -0.32 0.00	22.40 -0.30 0.00	22.65 -0.22 0.00	25.92 -0.15 0.00	25.50 -0.28 0.00	22.77 -0.31 0.00	21.56 -0.43 0.00	22.47 -0.32 0.00	23.70 -0.48 0.00	24.63 -0.60 0.00	29.09 -0.73 0.00	25.86 -0.55 0.00	23.79 -0.52 0.00	27.53 -0.46 0.00	27.46 -0.54 0.00	21.83 -0.48 0.00	21.54 -0.30 0.00
STA_67____115KV_BK2 355882	16.86 -0.27 0.00	16.36 -0.21 0.00	12.01 -0.13 0.00	7.48 -0.05 0.00	9.91 -0.03 0.00	13.45 -0.10 0.00	20.36 -0.05 0.00	20.52 -0.26 0.00	22.46 -0.23 0.00	22.71 -0.16 0.00	26.00 -0.08 0.00	25.55 -0.22 0.00	22.82 -0.27 0.00	21.59 -0.41 0.00	22.51 -0.28 0.00	23.73 -0.45 0.00	24.65 -0.58 0.00	29.11 -0.71 0.00	25.89 -0.52 0.00	23.82 -0.48 0.00	27.58 -0.41 0.00	27.52 -0.48 0.00	21.88 -0.43 0.00	21.61 -0.22 0.00
STA_7____115KV_9TRANS 80674	16.97 -0.16 0.00	16.46 -0.11 0.00	12.08 -0.06 0.00	7.52 0.00 0.00	9.97 0.02 0.00	13.53 -0.02 0.00	20.49 0.08 0.00	20.65 -0.12 0.00	22.62 -0.08 0.00	22.86 0.00 0.00	26.19 0.12 0.00	25.73 -0.05 0.00	22.98 -0.10 0.00	21.74 -0.25 0.00	22.68 -0.11 0.00	23.91 -0.27 0.00	24.85 -0.37 0.00	29.35 -0.47 0.00	26.11 -0.30 0.00	24.02 -0.28 0.00	27.81 -0.18 0.00	27.74 -0.26 0.00	22.05 -0.26 0.00	21.77 -0.07 0.00
STA_82____115KV_TB1 80780	16.87 -0.26 0.00	16.37 -0.20 0.00	12.01 -0.13 0.00	7.49 -0.04 0.00	9.92 -0.03 0.00	13.46 -0.09 0.00	20.37 -0.04 0.00	20.54 -0.24 0.00	22.47 -0.22 0.00	22.72 -0.15 0.00	26.01 -0.06 0.00	25.57 -0.21 0.00	22.84 -0.25 0.00	21.60 -0.39 0.00	22.52 -0.27 0.00	23.74 -0.44 0.00	24.66 -0.56 0.00	29.13 -0.69 0.00	25.91 -0.50 0.00	23.85 -0.46 0.00	27.61 -0.38 0.00	27.54 -0.46 0.00	21.90 -0.41 0.00	21.63 -0.20 0.00
STEEL____WIND 323596	16.63 -0.50 0.00	16.17 -0.41 0.00	11.90 -0.24 0.00	7.44 -0.08 0.00	9.89 -0.05 0.00	13.37 -0.17 0.00	20.27 -0.15 0.00	20.39 -0.39 0.00	22.34 -0.35 0.00	22.56 -0.31 0.00	25.88 -0.19 0.00	25.40 -0.38 0.00	22.71 -0.37 0.00	21.47 -0.52 0.00	22.46 -0.33 0.00	23.59 -0.59 0.00	24.39 -0.84 0.00	28.70 -1.12 0.00	25.49 -0.92 0.00	23.51 -0.79 0.00	27.30 -0.69 0.00	27.19 -0.81 0.00	21.62 -0.69 0.00	21.43 -0.40 0.00
STEPHTWN_115KV_BK_2 55603	17.73 0.60 0.00	17.08 0.50 0.00	12.53 0.39 0.00	7.78 0.25 0.00	10.27 0.33 0.00	13.96 0.42 0.00	18.11 0.61 2.91	10.59 0.75 10.93	15.85 0.84 7.67	23.31 0.86 0.43	25.01 0.89 1.96	26.66 0.88 0.00	23.85 0.77 0.00	22.91 0.92 0.00	23.68 0.89 0.00	25.05 0.87 0.00	26.20 0.97 0.00	31.09 1.28 0.00	27.49 1.08 0.00	25.27 0.96 0.00	29.04 1.05 0.00	28.99 0.98 0.00	23.03 0.72 0.00	22.45 0.61 0.00
STEBEN_REC_LFGE 323667	16.63 -0.50 0.00	16.19 -0.39 0.00	11.86 -0.29 0.00	7.41 -0.12 0.00	9.92 -0.02 0.00	13.43 -0.12 0.00	20.50 0.09 0.00	20.84 0.07 0.00	23.03 0.33 0.00	23.19 0.32 0.00	26.42 0.34 0.00	26.01 0.23 0.00	23.25 0.17 0.00	22.10 0.11 0.00	23.17 0.38 0.00	24.21 0.03 0.00	25.15 -0.08 0.00	29.78 -0.04 0.00	26.37 -0.04 0.00	24.39 0.08 0.00	28.14 0.14 0.00	27.86 -0.15 0.00	21.97 -0.34 0.00	21.48 -0.35 0.00
STONY____BROOK 24151	33.84 1.26 -15.44	26.82 1.14 -9.11	16.40 0.82 -3.44	8.02 0.49 0.00	10.58 0.64 0.00	14.49 0.90 -0.03	27.53 1.34 -5.78	31.16 1.48 -8.90	31.30 1.76 -6.85	51.00 1.86 -26.27	28.72 1.84 -0.80	28.02 1.94 -0.30	26.82 1.69 -2.04	25.82 1.74 -2.08	26.31 1.84 -1.68	28.24 1.95 -2.11	27.17 1.87 -0.08	31.82 2.00 0.00	28.24 1.84 0.00	27.86 1.81 -1.74	29.68 1.69 0.00	29.53 1.64 0.10	23.65 1.34 0.00	22.97 1.14 0.00

STURGEON_POOL_HYD 23609	17.89 0.75 0.00	17.22 0.65 0.00	12.60 0.46 0.00	7.82 0.29 0.00	10.31 0.36 0.00	14.05 0.50 0.00	20.79 0.76 0.38	20.22 0.90 1.46	22.70 1.04 1.03	23.90 1.09 0.06	27.12 1.30 0.25	27.22 1.44 0.00	24.39 1.31 0.00	23.38 1.39 0.00	24.16 1.37 0.00	25.68 1.50 0.00	26.82 1.59 0.00	31.65 1.82 0.00	27.88 1.47 0.00	25.56 1.26 0.00	29.37 1.38 0.00	29.38 1.38 0.00	23.42 1.12 0.00	22.70 0.87 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.84 0.71 0.00	17.17 0.60 0.00	12.57 0.43 0.00	7.81 0.28 0.00	10.30 0.36 0.00	14.04 0.49 0.00	21.13 0.71 0.00	21.61 0.84 0.00	23.67 0.97 0.00	23.91 1.03 0.00	27.28 1.20 0.00	27.10 1.32 0.00	24.29 1.21 0.00	23.27 1.28 0.00	24.09 1.30 0.00	25.60 1.42 0.00	26.71 1.48 0.00	31.53 1.71 0.00	27.81 1.40 0.00	25.49 1.18 0.00	29.27 1.28 0.00	29.30 1.29 0.00	23.35 1.04 0.00	22.64 0.80 0.00
SWANROAD_115KV_TB1 355699	16.22 -0.91 0.00	15.79 -0.79 0.00	11.64 -0.50 0.00	7.32 -0.20 0.00	9.73 -0.22 0.00	13.06 -0.49 0.00	19.71 -0.71 0.00	19.71 -1.07 0.00	21.59 -1.10 0.00	21.86 -1.01 0.00	25.05 -1.03 0.00	24.56 -1.22 0.00	21.96 -1.12 0.00	20.70 -1.30 0.00	21.61 -1.19 0.00	22.67 -1.51 0.00	23.43 -1.80 0.00	27.64 -2.18 0.00	24.66 -1.75 0.00	22.71 -1.60 0.00	26.37 -1.62 0.00	26.31 -1.70 0.00	20.95 -1.35 0.00	20.93 -0.90 0.00
SYNERGY___BIOGAS 323694	16.95 -0.18 0.00	16.47 -0.10 0.00	12.12 -0.03 0.00	7.58 0.05 0.00	10.06 0.11 0.00	13.60 0.06 0.00	20.60 0.19 0.00	20.69 -0.09 0.00	22.63 -0.07 0.00	22.87 0.00 0.00	26.26 0.18 0.00	25.76 -0.02 0.00	22.92 -0.16 0.00	21.68 -0.32 0.00	22.59 -0.20 0.00	23.82 -0.37 0.00	24.70 -0.53 0.00	29.27 -0.55 0.00	26.06 -0.35 0.00	23.98 -0.32 0.00	27.80 -0.19 0.00	27.71 -0.29 0.00	22.00 -0.31 0.00	21.82 -0.01 0.00
SYRACUSE___ENERGY_ST1 323597	17.07 -0.06 0.00	16.51 -0.06 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.94 -0.01 0.00	13.54 -0.01 0.00	20.44 0.03 0.00	20.74 -0.04 0.00	22.64 -0.06 0.00	22.82 -0.05 0.00	26.03 -0.04 0.00	25.73 -0.05 0.00	23.00 -0.09 0.00	21.87 -0.12 0.00	22.73 -0.06 0.00	24.08 -0.10 0.00	25.11 -0.12 0.00	29.67 -0.15 0.00	26.27 -0.14 0.00	24.20 -0.11 0.00	27.90 -0.09 0.00	27.90 -0.11 0.00	22.19 -0.12 0.00	21.77 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	17.07 -0.06 0.00	16.51 -0.06 0.00	12.09 -0.05 0.00	7.50 -0.03 0.00	9.94 -0.01 0.00	13.54 -0.01 0.00	20.44 0.03 0.00	20.74 -0.04 0.00	22.64 -0.06 0.00	22.82 -0.05 0.00	26.03 -0.04 0.00	25.73 -0.05 0.00	23.00 -0.09 0.00	21.87 -0.12 0.00	22.73 -0.06 0.00	24.08 -0.10 0.00	25.11 -0.12 0.00	29.67 -0.15 0.00	26.27 -0.14 0.00	24.20 -0.11 0.00	27.90 -0.09 0.00	27.90 -0.11 0.00	22.19 -0.12 0.00	21.77 -0.07 0.00
SYRACUSE___POWER 24017	17.06 -0.07 0.00	16.49 -0.09 0.00	12.08 -0.06 0.00	7.50 -0.03 0.00	9.92 -0.02 0.00	13.52 -0.03 0.00	20.40 -0.01 0.00	20.72 -0.06 0.00	22.62 -0.08 0.00	22.80 -0.07 0.00	26.02 -0.05 0.00	25.73 -0.05 0.00	23.00 -0.08 0.00	21.88 -0.12 0.00	22.73 -0.07 0.00	24.05 -0.13 0.00	25.07 -0.15 0.00	29.66 -0.16 0.00	26.26 -0.15 0.00	24.19 -0.11 0.00	27.90 -0.09 0.00	27.88 -0.13 0.00	22.17 -0.14 0.00	21.74 -0.09 0.00
TALLMAN__138KV_BK151 55660	17.93 0.80 0.00	17.25 0.67 0.00	12.63 0.49 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.10 0.55 0.00	21.21 0.79 0.00	21.71 0.94 0.00	23.78 1.09 0.00	24.05 1.18 0.00	27.44 1.37 0.00	27.27 1.49 0.00	24.47 1.39 0.00	23.43 1.43 0.00	24.30 1.51 0.00	25.84 1.66 0.00	26.95 1.72 0.00	31.79 1.96 0.00	28.01 1.60 0.00	25.65 1.34 0.00	29.42 1.43 0.00	29.47 1.46 0.00	23.48 1.16 0.00	22.74 0.91 0.00
TEALLAVE_115KV_TB7 355573	16.98 -0.16 0.00	16.42 -0.16 0.00	12.02 -0.12 0.00	7.46 -0.06 0.00	9.87 -0.07 0.00	13.46 -0.09 0.00	20.30 -0.11 0.00	20.61 -0.17 0.00	22.50 -0.19 0.00	22.69 -0.18 0.00	25.89 -0.18 0.00	25.61 -0.17 0.00	22.88 -0.19 0.00	21.77 -0.22 0.00	22.60 -0.19 0.00	23.93 -0.25 0.00	24.94 -0.29 0.00	29.49 -0.33 0.00	26.13 -0.28 0.00	24.06 -0.25 0.00	27.74 -0.26 0.00	27.71 -0.29 0.00	22.05 -0.26 0.00	21.64 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	16.65 -0.48 0.00	16.18 -0.39 0.00	11.92 -0.22 0.00	7.47 -0.06 0.00	9.92 -0.03 0.00	13.37 -0.18 0.00	20.24 -0.17 0.00	20.29 -0.49 0.00	22.24 -0.45 0.00	22.50 -0.37 0.00	25.80 -0.27 0.00	25.31 -0.47 0.00	22.58 -0.50 0.00	21.34 -0.66 0.00	22.24 -0.55 0.00	23.39 -0.80 0.00	24.20 -1.03 0.00	28.60 -1.23 0.00	25.48 -0.93 0.00	23.45 -0.86 0.00	27.21 -0.78 0.00	27.13 -0.88 0.00	21.58 -0.73 0.00	21.45 -0.39 0.00
TEMPLE___115KV_TB 2 55572	16.99 -0.14 0.00	16.42 -0.15 0.00	12.03 -0.11 0.00	7.47 -0.06 0.00	9.88 -0.06 0.00	13.47 -0.08 0.00	20.32 -0.10 0.00	20.62 -0.16 0.00	22.51 -0.18 0.00	22.71 -0.16 0.00	25.92 -0.15 0.00	25.63 -0.15 0.00	22.91 -0.17 0.00	21.80 -0.20 0.00	22.63 -0.16 0.00	23.95 -0.23 0.00	24.96 -0.26 0.00	29.52 -0.30 0.00	26.15 -0.26 0.00	24.07 -0.23 0.00	27.76 -0.24 0.00	27.73 -0.27 0.00	22.06 -0.25 0.00	21.64 -0.19 0.00
TIANA____69_KV_BK 1 55817	33.83 1.26 -15.44	26.81 1.12 -9.11	16.40 0.83 -3.44	8.01 0.49 0.00	10.57 0.63 0.00	14.49 0.90 -0.03	27.53 1.34 -5.78	31.17 1.50 -8.90	31.32 1.78 -6.85	51.04 1.90 -26.27	28.78 1.91 -0.80	28.12 2.04 -0.30	26.89 1.77 -2.04	25.86 1.78 -2.08	26.33 1.86 -1.68	28.28 2.00 -2.11	27.34 2.04 -0.08	32.05 2.23 0.00	28.45 2.04 0.00	27.99 1.94 -1.74	29.81 1.82 0.00	29.63 1.73 0.10	23.65 1.34 0.00	22.96 1.13 0.00
TILDEN___115KV_TB1 80814	17.06 -0.07 0.00	16.49 -0.09 0.00	12.08 -0.06 0.00	7.50 -0.03 0.00	9.92 -0.02 0.00	13.52 -0.03 0.00	20.40 -0.01 0.00	20.72 -0.06 0.00	22.62 -0.08 0.00	22.80 -0.07 0.00	26.02 -0.05 0.00	25.73 -0.05 0.00	23.00 -0.08 0.00	21.88 -0.12 0.00	22.73 -0.07 0.00	24.05 -0.13 0.00	25.07 -0.15 0.00	29.66 -0.16 0.00	26.26 -0.15 0.00	24.19 -0.11 0.00	27.90 -0.09 0.00	27.88 -0.13 0.00	22.17 -0.14 0.00	21.74 -0.09 0.00
TRIGEN___CC 323695	33.74 1.17 -15.44	26.72 1.04 -9.11	16.33 0.76 -3.44	7.98 0.46 0.00	10.53 0.59 0.00	14.41 0.83 -0.03	27.43 1.24 -5.78	31.06 1.38 -8.90	31.15 1.61 -6.85	50.83 1.68 -26.27	28.67 1.80 -0.80	28.03 1.95 -0.30	26.89 1.76 -2.04	25.87 1.79 -2.08	26.37 1.89 -1.68	28.31 2.02 -2.11	27.36 2.06 -0.08	32.06 2.24 0.00	28.36 1.95 0.00	27.81 1.77 -1.74	29.75 1.76 0.00	29.85 1.78 -0.06	23.70 1.39 0.00	23.00 1.16 0.00
TRINITY__115KV__ 4 BK 55933	17.61 0.48 0.00	16.99 0.41 0.00	12.48 0.34 0.00	7.75 0.22 0.00	10.23 0.28 0.00	13.87 0.33 0.00	18.16 0.42 2.67	10.81 0.54 10.51	15.80 0.61 7.51	23.10 0.63 0.39	24.91 0.63 1.80	26.41 0.64 0.00	23.68 0.60 0.00	22.71 0.72 0.00	23.47 0.67 0.00	24.85 0.67 0.00	25.96 0.74 0.00	30.75 0.93 0.00	27.19 0.78 0.00	25.02 0.72 0.00	28.75 0.76 0.00	28.75 0.75 0.00	22.88 0.58 0.00	22.29 0.46 0.00

UNION___PROCESSING_DRP 323587	16.88 -0.25 0.00	16.38 -0.19 0.00	12.02 -0.12 0.00	7.49 -0.04 0.00	9.92 -0.02 0.00	13.46 -0.08 0.00	20.38 -0.03 0.00	20.54 -0.24 0.00	22.48 -0.21 0.00	22.73 -0.14 0.00	26.03 -0.05 0.00	25.58 -0.20 0.00	22.84 -0.24 0.00	21.61 -0.39 0.00	22.53 -0.27 0.00	23.75 -0.43 0.00	24.68 -0.55 0.00	29.14 -0.68 0.00	25.92 -0.49 0.00	23.86 -0.45 0.00	27.61 -0.38 0.00	27.55 -0.45 0.00	21.91 -0.40 0.00	21.64 -0.20 0.00
UPPER HUDSON___HYD 24058	18.62 1.49 0.00	17.90 1.33 0.00	13.10 0.96 0.00	8.13 0.60 0.00	10.75 0.81 0.00	14.62 1.07 0.00	23.99 1.72 -1.86	29.42 1.89 -6.76	29.43 2.05 -4.69	25.15 2.01 -0.27	29.57 2.25 -1.25	27.77 1.99 0.00	24.49 1.41 0.00	23.41 1.41 0.00	24.03 1.24 0.00	25.63 1.45 0.00	26.85 1.62 0.00	31.96 2.14 0.00	28.27 1.86 0.00	25.99 1.69 0.00	29.91 1.91 0.00	29.85 1.84 0.00	23.69 1.38 0.00	23.04 1.21 0.00
UPPER RAQUET___HYD 24056	17.26 0.13 0.00	16.66 0.09 0.00	12.18 0.04 0.00	7.50 -0.03 0.00	9.91 -0.04 0.00	13.60 0.06 0.00	20.68 0.27 0.00	21.18 0.41 0.00	23.04 0.35 0.00	23.10 0.23 0.00	26.42 0.35 0.00	26.05 0.27 0.00	23.18 0.10 0.00	22.06 0.07 0.00	22.87 0.08 0.00	24.34 0.16 0.00	25.29 0.07 0.00	29.58 -0.24 0.00	26.66 0.25 0.00	24.70 0.39 0.00	28.61 0.62 0.00	28.66 0.65 0.00	22.86 0.55 0.00	22.33 0.49 0.00
VALLEY44_115KV_TB2 355964	16.79 -0.34 0.00	16.31 -0.26 0.00	11.98 -0.16 0.00	7.47 -0.06 0.00	9.95 0.00 0.00	13.55 0.01 0.00	20.54 0.13 0.00	20.80 0.02 0.00	22.88 0.19 0.00	23.20 0.33 0.00	26.60 0.53 0.00	26.01 0.23 0.00	23.14 0.05 0.00	21.90 -0.09 0.00	22.97 0.18 0.00	24.09 -0.09 0.00	24.93 -0.29 0.00	29.29 -0.54 0.00	25.84 -0.57 0.00	23.76 -0.55 0.00	27.53 -0.46 0.00	27.50 -0.50 0.00	21.94 -0.37 0.00	21.53 -0.30 0.00
VALLEY___115KV_TB 1-4 80826	17.12 -0.01 0.00	16.56 -0.02 0.00	12.14 0.00 0.00	7.47 -0.06 0.00	9.88 -0.06 0.00	13.44 -0.11 0.00	20.25 -0.16 0.00	20.81 0.04 0.00	22.82 0.12 0.00	22.97 0.10 0.00	26.21 0.14 0.00	26.02 0.24 0.00	23.18 0.10 0.00	22.27 0.28 0.00	22.92 0.13 0.00	24.22 0.04 0.00	25.35 0.12 0.00	30.05 0.23 0.00	26.60 0.20 0.00	24.53 0.23 0.00	28.23 0.24 0.00	28.18 0.17 0.00	22.42 0.11 0.00	21.79 -0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.68 0.55 0.00	17.11 0.54 0.00	12.52 0.39 0.00	7.78 0.26 0.00	10.29 0.35 0.00	14.01 0.46 0.00	21.13 0.72 0.00	21.55 0.77 0.00	23.56 0.86 0.00	23.77 0.90 0.00	27.13 1.06 0.00	26.73 0.96 0.00	23.97 0.89 0.00	22.79 0.80 0.00	23.76 0.97 0.00	25.17 0.99 0.00	26.26 1.03 0.00	31.04 1.23 0.00	27.45 1.04 0.00	25.26 0.96 0.00	29.06 1.07 0.00	29.06 1.05 0.00	23.11 0.80 0.00	22.55 0.72 0.00
VISCHER___FERRY HYD 24020	17.98 0.85 0.00	17.34 0.77 0.00	12.71 0.57 0.00	7.89 0.36 0.00	10.42 0.47 0.00	14.16 0.61 0.00	26.64 0.95 -5.28	39.90 1.10 -18.02	36.10 1.22 -12.19	24.85 1.21 -0.78	30.93 1.30 -3.55	27.05 1.27 0.00	24.18 1.09 0.00	23.18 1.18 0.00	23.89 1.10 0.00	25.32 1.14 0.00	26.48 1.26 0.00	31.32 1.50 0.00	27.66 1.26 0.00	25.49 1.19 0.00	29.32 1.33 0.00	29.32 1.32 0.00	23.33 1.02 0.00	22.74 0.90 0.00
V_A_10_SYNC_DSASP 323832	16.53 -0.61 0.00	16.07 -0.51 0.00	11.82 -0.32 0.00	7.38 -0.14 0.00	9.79 -0.16 0.00	13.24 -0.31 0.00	20.05 -0.37 0.00	20.14 -0.64 0.00	22.07 -0.62 0.00	22.31 -0.56 0.00	25.57 -0.50 0.00	25.09 -0.69 0.00	22.41 -0.67 0.00	21.17 -0.83 0.00	22.09 -0.70 0.00	23.21 -0.97 0.00	24.03 -1.20 0.00	28.33 -1.49 0.00	25.21 -1.20 0.00	23.20 -1.11 0.00	26.91 -1.08 0.00	26.86 -1.15 0.00	21.40 -0.91 0.00	21.23 -0.61 0.00
V_CMM_10_SYNC_DSASP 323787	17.03 -0.10 0.00	16.50 -0.07 0.00	12.08 -0.06 0.00	7.46 -0.06 0.00	9.85 -0.09 0.00	13.47 -0.08 0.00	20.35 -0.06 0.00	20.72 -0.06 0.00	22.58 -0.11 0.00	22.71 -0.16 0.00	25.92 -0.16 0.00	25.59 -0.19 0.00	22.93 -0.15 0.00	21.81 -0.18 0.00	22.58 -0.21 0.00	24.05 -0.13 0.00	25.09 -0.13 0.00	29.64 -0.18 0.00	26.32 -0.09 0.00	24.25 -0.05 0.00	27.96 -0.03 0.00	28.01 0.00 0.00	22.34 0.03 0.00	21.88 0.05 0.00
V_CMP_10_SYNC_DSASP 323788	17.40 0.27 0.00	16.70 0.12 0.00	12.18 0.04 0.00	7.48 -0.05 0.00	9.97 0.03 0.00	13.84 0.29 0.00	21.14 0.73 0.00	21.62 0.85 0.00	23.27 0.58 0.00	23.24 0.36 0.00	26.63 0.56 0.00	26.18 0.41 0.00	23.49 0.41 0.00	22.49 0.50 0.00	23.45 0.66 0.00	24.82 0.64 0.00	26.07 0.84 0.00	30.90 1.07 0.00	27.37 0.96 0.00	25.27 0.96 0.00	29.06 1.07 0.00	29.02 1.02 0.00	23.15 0.84 0.00	22.65 0.81 0.00
V_E_10_SYNC_DSASP 323830	18.01 0.88 0.00	17.35 0.77 0.00	12.69 0.55 0.00	7.88 0.36 0.00	10.42 0.48 0.00	14.28 0.73 0.00	21.74 1.33 0.00	22.23 1.46 0.00	24.25 1.55 0.00	23.70 0.83 0.00	27.37 1.29 0.00	27.23 1.45 0.00	24.25 1.17 0.00	23.09 1.10 0.00	24.04 1.25 0.00	25.66 1.48 0.00	26.73 1.51 0.00	31.90 2.08 0.00	28.26 1.85 0.00	26.22 1.91 0.00	30.35 2.36 0.00	30.25 2.24 0.00	23.94 1.63 0.00	23.26 1.42 0.00
V_F_30_NSYNC___DSASP 323816	18.32 1.19 0.00	17.66 1.08 0.00	12.92 0.78 0.00	8.02 0.50 0.00	10.60 0.66 0.00	14.42 0.87 0.00	24.08 1.36 -2.31	30.51 1.50 -8.24	30.02 1.65 -5.67	24.84 1.63 -0.34	29.44 1.82 -1.55	27.50 1.72 0.00	24.50 1.42 0.00	23.45 1.45 0.00	24.17 1.38 0.00	25.67 1.49 0.00	26.86 1.64 0.00	31.85 2.03 0.00	28.17 1.76 0.00	25.92 1.62 0.00	29.83 1.84 0.00	29.80 1.79 0.00	23.67 1.36 0.00	23.05 1.21 0.00
V_F_30_SYNC_DSASP 323786	17.67 0.53 0.00	17.04 0.47 0.00	12.52 0.38 0.00	7.77 0.25 0.00	10.26 0.32 0.00	13.92 0.37 0.00	18.78 0.49 2.13	16.16 0.69 5.31	20.52 0.86 3.04	23.27 0.72 0.31	25.38 0.73 1.43	26.53 0.75 0.00	23.77 0.69 0.00	22.81 0.82 0.00	23.56 0.77 0.00	24.95 0.77 0.00	26.07 0.85 0.00	30.88 1.05 0.00	27.31 0.90 0.00	25.13 0.82 0.00	28.87 0.87 0.00	28.86 0.85 0.00	22.97 0.65 0.00	22.36 0.52 0.00
V_XM_10_SYNC_DSASP 323789	17.40 0.27 0.00	16.70 0.12 0.00	12.18 0.04 0.00	7.48 -0.05 0.00	9.97 0.03 0.00	13.84 0.29 0.00	21.14 0.73 0.00	21.62 0.85 0.00	23.27 0.58 0.00	23.24 0.36 0.00	26.63 0.56 0.00	26.18 0.41 0.00	23.49 0.41 0.00	22.49 0.50 0.00	23.45 0.66 0.00	24.82 0.64 0.00	26.07 0.84 0.00	30.90 1.07 0.00	27.37 0.96 0.00	25.27 0.96 0.00	29.06 1.07 0.00	29.02 1.02 0.00	23.15 0.84 0.00	22.65 0.81 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.99 0.86 0.00	17.31 0.73 0.00	12.67 0.53 0.00	7.86 0.34 0.00	10.38 0.43 0.00	14.15 0.60 0.00	21.28 0.87 0.00	21.79 1.01 0.00	23.88 1.18 0.00	24.14 1.27 0.00	27.55 1.47 0.00	27.38 1.60 0.00	24.56 1.48 0.00	23.52 1.53 0.00	24.39 1.60 0.00	25.93 1.75 0.00	27.05 1.82 0.00	31.91 2.09 0.00	28.12 1.71 0.00	25.75 1.44 0.00	29.54 1.55 0.00	29.58 1.58 0.00	23.57 1.26 0.00	22.82 0.99 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.08 0.94 0.00	17.38 0.81 0.00	12.73 0.59 0.00	7.90 0.37 0.00	10.43 0.48 0.00	14.22 0.67 0.00	21.37 0.96 0.00	21.89 1.12 0.00	24.00 1.30 0.00	24.27 1.40 0.00	27.68 1.61 0.00	27.52 1.74 0.00	24.70 1.62 0.00	23.68 1.68 0.00	24.55 1.76 0.00	26.07 1.89 0.00	27.15 1.93 0.00	32.03 2.20 0.00	28.22 1.81 0.00	25.83 1.53 0.00	29.62 1.63 0.00	29.66 1.66 0.00	23.66 1.35 0.00	22.91 1.08 0.00
W50THST__13_KV_LOAD 356117	18.16 1.03 0.00	17.47 0.90 0.00	12.80 0.66 0.00	7.95 0.42 0.00	10.48 0.54 0.00	14.29 0.74 0.00	21.49 1.08 0.00	22.04 1.27 0.00	24.17 1.48 0.00	24.46 1.59 0.00	27.91 1.84 0.00	27.76 1.98 0.00	24.91 1.82 0.00	23.89 1.89 0.00	24.76 1.97 0.00	26.30 2.12 0.00	27.40 2.17 0.00	32.30 2.48 0.00	28.44 2.03 0.00	26.02 1.71 0.00	29.81 1.82 0.00	29.83 1.83 0.00	23.79 1.48 0.00	23.02 1.18 0.00
WADING RIVER_IC_1 23522	33.60 1.03 -15.44	26.59 0.91 -9.11	16.25 0.67 -3.44	7.92 0.39 0.00	10.44 0.50 0.00	14.31 0.73 -0.03	27.25 1.06 -5.78	30.88 1.20 -8.90	30.99 1.45 -6.85	50.68 1.54 -26.27	28.35 1.47 -0.80	27.70 1.62 -0.30	26.52 1.39 -2.04	25.54 1.47 -2.08	25.98 1.50 -1.68	27.89 1.60 -2.11	26.92 1.62 -0.08	31.54 1.73 0.00	27.98 1.57 0.00	27.56 1.51 -1.74	29.32 1.33 0.00	29.17 1.27 0.10	23.31 1.01 0.00	22.63 0.80 0.00
WADING RIVER_IC_2 23547	33.60 1.03 -15.44	26.59 0.91 -9.11	16.25 0.67 -3.44	7.92 0.39 0.00	10.44 0.50 0.00	14.31 0.73 -0.03	27.25 1.06 -5.78	30.88 1.20 -8.90	30.99 1.45 -6.85	50.68 1.54 -26.27	28.35 1.47 -0.80	27.70 1.62 -0.30	26.52 1.39 -2.04	25.54 1.47 -2.08	25.98 1.50 -1.68	27.89 1.60 -2.11	26.92 1.62 -0.08	31.54 1.73 0.00	27.98 1.57 0.00	27.56 1.51 -1.74	29.32 1.33 0.00	29.17 1.27 0.10	23.31 1.01 0.00	22.63 0.80 0.00
WADING RIVER_IC_3 23601	33.60 1.03 -15.44	26.59 0.91 -9.11	16.25 0.67 -3.44	7.92 0.39 0.00	10.44 0.50 0.00	14.31 0.73 -0.03	27.25 1.06 -5.78	30.88 1.20 -8.90	30.99 1.45 -6.85	50.68 1.54 -26.27	28.35 1.47 -0.80	27.70 1.62 -0.30	26.52 1.39 -2.04	25.54 1.47 -2.08	25.98 1.50 -1.68	27.89 1.60 -2.11	26.92 1.62 -0.08	31.54 1.73 0.00	27.98 1.57 0.00	27.56 1.51 -1.74	29.32 1.33 0.00	29.17 1.27 0.10	23.31 1.01 0.00	22.63 0.80 0.00
WALDENNY_12_KV_BK2 80841	16.64 -0.49 0.00	16.18 -0.39 0.00	11.90 -0.23 0.00	7.45 -0.07 0.00	9.90 -0.04 0.00	13.38 -0.17 0.00	20.26 -0.15 0.00	20.36 -0.42 0.00	22.34 -0.35 0.00	22.59 -0.28 0.00	25.91 -0.16 0.00	25.44 -0.34 0.00	22.73 -0.36 0.00	21.48 -0.52 0.00	22.46 -0.33 0.00	23.57 -0.61 0.00	24.38 -0.85 0.00	28.71 -1.11 0.00	25.52 -0.89 0.00	23.50 -0.81 0.00	27.28 -0.71 0.00	27.18 -0.82 0.00	21.62 -0.70 0.00	21.44 -0.39 0.00
WALDEN__HYDRO 24148	18.03 0.90 0.00	17.35 0.77 0.00	12.70 0.56 0.00	7.88 0.35 0.00	10.39 0.45 0.00	14.16 0.61 0.00	21.32 0.91 0.00	21.82 1.05 0.00	23.86 1.17 0.00	24.11 1.23 0.00	27.51 1.43 0.00	27.31 1.53 0.00	24.44 1.37 0.00	23.41 1.41 0.00	24.23 1.44 0.00	25.76 1.58 0.00	26.93 1.70 0.00	31.80 1.98 0.00	28.08 1.67 0.00	25.79 1.48 0.00	29.64 1.65 0.00	29.66 1.66 0.00	23.61 1.30 0.00	22.88 1.04 0.00
WARRENSBURG____ 23737	18.62 1.49 0.00	17.90 1.33 0.00	13.10 0.96 0.00	8.13 0.60 0.00	10.75 0.81 0.00	14.62 1.07 0.00	23.99 1.72 -1.86	29.42 1.89 -6.76	29.43 2.05 -4.69	25.15 2.01 -0.27	29.57 2.25 -1.25	27.77 1.99 0.00	24.49 1.41 0.00	23.41 1.41 0.00	24.03 1.24 0.00	25.63 1.45 0.00	26.85 1.62 0.00	31.96 2.14 0.00	28.27 1.86 0.00	25.99 1.69 0.00	29.91 1.91 0.00	29.85 1.84 0.00	23.69 1.38 0.00	23.04 1.21 0.00
WATERSIDE____6 8 9 23538	18.10 0.96 0.00	17.40 0.83 0.00	12.76 0.62 0.00	7.91 0.39 0.00	10.45 0.50 0.00	14.23 0.68 0.00	21.36 0.95 0.00	21.88 1.11 0.00	24.00 1.30 0.00	24.26 1.39 0.00	27.67 1.60 0.00	27.51 1.73 0.00	24.70 1.62 0.00	23.67 1.67 0.00	24.53 1.74 0.00	26.06 1.88 0.00	27.15 1.93 0.00	32.01 2.19 0.00	28.20 1.79 0.00	25.83 1.52 0.00	29.62 1.63 0.00	29.67 1.66 0.00	23.66 1.35 0.00	22.90 1.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.17 0.04 0.00	16.59 0.02 0.00	12.16 0.03 0.00	7.52 0.00 0.00	9.95 0.01 0.00	13.53 -0.01 0.00	20.37 -0.04 0.00	20.86 0.08 0.00	22.82 0.13 0.00	22.99 0.12 0.00	26.19 0.12 0.00	25.94 0.16 0.00	23.15 0.07 0.00	22.16 0.17 0.00	22.89 0.10 0.00	24.22 0.03 0.00	25.32 0.10 0.00	29.99 0.17 0.00	26.56 0.15 0.00	24.48 0.17 0.00	28.17 0.18 0.00	28.15 0.14 0.00	22.39 0.08 0.00	21.81 -0.02 0.00
WATSON____69_KV_BK 1 55734	33.98 1.41 -15.44	26.95 1.27 -9.11	16.50 0.92 -3.44	8.08 0.55 0.00	10.65 0.71 0.00	14.59 1.01 -0.03	27.71 1.51 -5.78	31.35 1.67 -8.90	31.53 1.99 -6.85	51.22 2.09 -26.27	28.98 2.11 -0.80	28.34 2.26 -0.30	27.05 1.93 -2.04	26.07 1.99 -2.08	26.53 2.05 -1.68	28.45 2.17 -2.11	27.46 2.16 -0.08	32.16 2.34 0.00	28.57 2.16 0.00	28.17 2.12 -1.74	30.06 2.07 0.00	29.95 2.04 0.09	23.90 1.59 0.00	23.21 1.37 0.00
WDELAWARE__HYD 323627	17.57 0.44 0.00	16.91 0.34 0.00	12.37 0.22 0.00	7.68 0.16 0.00	10.14 0.20 0.00	13.82 0.27 0.00	20.83 0.42 0.00	21.30 0.53 0.00	23.28 0.59 0.00	23.50 0.63 0.00	26.91 0.83 0.00	26.63 0.85 0.00	23.85 0.77 0.00	22.75 0.75 0.00	23.65 0.85 0.00	25.15 0.96 0.00	26.33 1.11 0.00	31.14 1.32 0.00	27.49 1.09 0.00	25.25 0.94 0.00	29.02 1.03 0.00	28.94 0.94 0.00	23.03 0.72 0.00	22.33 0.49 0.00
WEST BABYLON__IC 23714	33.96 1.39 -15.44	26.93 1.25 -9.11	16.48 0.91 -3.44	8.07 0.54 0.00	10.64 0.70 0.00	14.57 0.99 -0.03	27.67 1.48 -5.78	31.32 1.64 -8.90	31.49 1.95 -6.85	51.16 2.02 -26.27	28.91 2.04 -0.80	28.31 2.22 -0.30	27.02 1.89 -2.04	26.01 1.93 -2.08	26.46 1.99 -1.68	28.37 2.08 -2.11	27.41 2.10 -0.08	32.10 2.28 0.00	28.49 2.08 0.00	28.07 2.02 -1.74	29.98 1.99 0.00	29.96 2.03 0.07	23.90 1.59 0.00	23.20 1.36 0.00
WEST CANADA__HYD 24049	17.17 0.04 0.00	16.59 0.02 0.00	12.15 0.02 0.00	7.53 0.01 0.00	9.95 0.01 0.00	13.56 0.01 0.00	20.43 0.02 0.00	20.81 0.03 0.00	22.74 0.04 0.00	22.92 0.05 0.00	26.13 0.05 0.00	25.84 0.06 0.00	23.13 0.05 0.00	22.06 0.07 0.00	22.84 0.05 0.00	24.23 0.05 0.00	25.28 0.05 0.00	29.88 0.06 0.00	26.46 0.05 0.00	24.36 0.05 0.00	28.05 0.05 0.00	28.06 0.05 0.00	22.35 0.03 0.00	21.86 0.02 0.00
WESTERN_NY_WIND 24143	16.93 -0.20 0.00	16.45 -0.13 0.00	12.10 -0.04 0.00	7.57 0.04 0.00	10.05 0.11 0.00	13.59 0.04 0.00	20.57 0.16 0.00	20.66 -0.12 0.00	22.60 -0.09 0.00	22.84 -0.03 0.00	26.23 0.16 0.00	25.72 -0.06 0.00	22.90 -0.19 0.00	21.64 -0.35 0.00	22.56 -0.24 0.00	23.78 -0.40 0.00	24.66 -0.57 0.00	29.22 -0.60 0.00	26.01 -0.39 0.00	23.95 -0.36 0.00	27.76 -0.23 0.00	27.67 -0.34 0.00	21.97 -0.34 0.00	21.80 -0.04 0.00

WESTOVER___LESR 323668	17.14 0.01 0.00	16.60 0.03 0.00	12.17 0.03 0.00	7.56 0.03 0.00	10.03 0.08 0.00	13.66 0.11 0.00	20.63 0.22 0.00	21.03 0.25 0.00	22.99 0.29 0.00	23.23 0.37 0.00	26.51 0.44 0.00	26.20 0.42 0.00	23.39 0.30 0.00	22.29 0.29 0.00	23.20 0.41 0.00	24.49 0.31 0.00	25.50 0.28 0.00	30.13 0.30 0.00	26.61 0.20 0.00	24.50 0.20 0.00	28.27 0.28 0.00	28.25 0.24 0.00	22.47 0.16 0.00	21.91 0.08 0.00
WETHRSFD_WT_PWR 323626	16.46 -0.67 0.00	16.01 -0.56 0.00	11.75 -0.39 0.00	7.34 -0.19 0.00	9.79 -0.16 0.00	13.27 -0.28 0.00	20.14 -0.27 0.00	20.38 -0.40 0.00	22.40 -0.29 0.00	22.58 -0.29 0.00	25.87 -0.21 0.00	25.47 -0.31 0.00	22.76 -0.32 0.00	21.54 -0.46 0.00	22.57 -0.22 0.00	23.70 -0.49 0.00	24.54 -0.69 0.00	28.93 -0.89 0.00	25.62 -0.79 0.00	23.61 -0.69 0.00	27.42 -0.57 0.00	27.25 -0.76 0.00	21.60 -0.71 0.00	21.27 -0.56 0.00
WHAVSTOR_138KV_BK127 55557	17.92 0.79 0.00	17.24 0.66 0.00	12.62 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.10 0.55 0.00	21.20 0.79 0.00	21.71 0.93 0.00	23.77 1.08 0.00	24.03 1.16 0.00	27.42 1.34 0.00	27.24 1.46 0.00	24.44 1.36 0.00	23.40 1.41 0.00	24.27 1.48 0.00	25.80 1.62 0.00	26.91 1.68 0.00	31.74 1.92 0.00	27.97 1.56 0.00	25.62 1.32 0.00	29.40 1.40 0.00	29.44 1.43 0.00	23.45 1.14 0.00	22.73 0.90 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.92 0.79 0.00	17.24 0.66 0.00	12.62 0.48 0.00	7.84 0.31 0.00	10.34 0.40 0.00	14.10 0.55 0.00	21.20 0.79 0.00	21.71 0.93 0.00	23.77 1.08 0.00	24.03 1.16 0.00	27.42 1.34 0.00	27.24 1.46 0.00	24.44 1.36 0.00	23.40 1.41 0.00	24.27 1.48 0.00	25.80 1.62 0.00	26.91 1.68 0.00	31.74 1.92 0.00	27.97 1.56 0.00	25.62 1.32 0.00	29.40 1.40 0.00	29.44 1.43 0.00	23.45 1.14 0.00	22.73 0.90 0.00
WHITEHAL_115KV_TB1 80871	19.13 2.00 0.00	18.25 1.68 0.00	13.36 1.22 0.00	8.28 0.75 0.00	10.96 1.02 0.00	14.89 1.34 0.00	24.75 2.30 -2.04	30.63 2.48 -7.37	30.39 2.60 -5.10	25.69 2.52 -0.30	30.31 2.86 -1.38	28.44 2.66 0.00	25.37 2.29 0.00	24.31 2.32 0.00	24.87 2.08 0.00	26.57 2.39 0.00	27.68 2.45 0.00	32.93 3.11 0.00	29.13 2.72 0.00	26.70 2.39 0.00	30.60 2.61 0.00	30.53 2.53 0.00	24.31 2.00 0.00	23.70 1.87 0.00
WHITEPLN_13_KV_LOAD 356215	18.12 0.99 0.00	17.43 0.85 0.00	12.76 0.62 0.00	7.92 0.39 0.00	10.45 0.50 0.00	14.24 0.70 0.00	21.43 1.02 0.00	21.95 1.17 0.00	24.05 1.35 0.00	24.31 1.45 0.00	27.73 1.66 0.00	27.68 1.90 0.00	24.79 1.71 0.00	23.83 1.83 0.00	24.59 1.79 0.00	26.11 1.93 0.00	27.24 2.01 0.00	32.14 2.32 0.00	28.32 1.91 0.00	25.92 1.61 0.00	29.73 1.74 0.00	29.75 1.74 0.00	23.72 1.42 0.00	22.96 1.13 0.00
WM_FLOYD_69_KV_BK2 356380	33.72 1.15 -15.44	26.71 1.02 -9.11	16.33 0.75 -3.44	7.97 0.44 0.00	10.51 0.57 0.00	14.41 0.82 -0.03	27.39 1.19 -5.78	31.02 1.34 -8.90	31.14 1.60 -6.85	50.84 1.70 -26.27	28.53 1.66 -0.80	27.90 1.82 -0.30	26.68 1.55 -2.04	25.69 1.62 -2.08	26.11 1.64 -1.68	28.03 1.74 -2.11	27.08 1.77 -0.08	31.75 1.93 0.00	28.19 1.78 0.00	27.76 1.72 -1.74	29.57 1.58 0.00	29.42 1.52 0.10	23.51 1.20 0.00	22.84 1.01 0.00
WOODARD__115KV_TB2 355635	16.95 -0.18 0.00	16.39 -0.18 0.00	12.00 -0.13 0.00	7.45 -0.08 0.00	9.86 -0.08 0.00	13.43 -0.12 0.00	20.26 -0.15 0.00	20.56 -0.22 0.00	22.44 -0.25 0.00	22.63 -0.24 0.00	25.82 -0.25 0.00	25.54 -0.24 0.00	22.83 -0.25 0.00	21.72 -0.27 0.00	22.55 -0.24 0.00	23.88 -0.31 0.00	24.89 -0.34 0.00	29.43 -0.39 0.00	26.08 -0.34 0.00	24.01 -0.30 0.00	27.68 -0.32 0.00	27.66 -0.34 0.00	22.01 -0.30 0.00	21.60 -0.23 0.00
YORK___WARBASSE 23770	18.20 1.07 0.00	17.49 0.92 0.00	12.81 0.67 0.00	7.94 0.42 0.00	10.49 0.54 0.00	14.29 0.74 0.00	21.46 1.05 0.00	21.95 1.18 0.00	24.06 1.37 0.00	24.33 1.46 0.00	27.75 1.68 0.00	27.60 1.82 0.00	24.78 1.70 0.00	23.75 1.76 0.00	24.62 1.83 0.00	26.16 1.97 0.00	27.25 2.03 0.00	32.10 2.28 0.00	28.32 1.91 0.00	25.96 1.65 0.00	29.76 1.77 0.00	29.84 1.83 0.00	23.79 1.48 0.00	23.03 1.19 0.00