

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/20/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.02	16.20	13.88	14.05	14.29	18.45	27.29	29.25	26.89	22.58	21.14	19.39	16.78	18.30	18.63	21.59	26.64	34.24	54.27	29.87	29.72	28.56	25.41	26.03
24138	0.99	0.86	0.67	0.71	0.75	0.99	1.49	1.90	2.00	1.80	1.72	1.61	1.45	1.56	1.64	1.84	2.16	2.41	2.18	2.28	2.18	2.07	1.72	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.28	-4.59	-7.98	-27.07	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	17.99	16.18	13.86	14.02	14.27	18.42	27.24	29.20	26.83	22.52	21.08	19.33	16.73	18.24	18.58	21.54	26.58	34.19	54.23	29.83	29.69	28.53	25.37	25.99
24260	0.96	0.84	0.65	0.69	0.73	0.97	1.44	1.85	1.94	1.74	1.66	1.55	1.40	1.50	1.59	1.80	2.11	2.36	2.14	2.24	2.15	2.03	1.67	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.28	-4.59	-7.98	-27.07	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	17.99	16.18	13.86	14.02	14.27	18.42	27.24	29.20	26.83	22.52	21.08	19.33	16.73	18.24	18.58	21.54	26.58	34.19	54.23	29.83	29.69	28.53	25.37	25.99
24261	0.96	0.84	0.65	0.69	0.73	0.97	1.44	1.85	1.94	1.74	1.66	1.55	1.40	1.50	1.59	1.80	2.11	2.36	2.14	2.24	2.15	2.03	1.67	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.28	-4.59	-7.98	-27.07	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	18.13	16.36	14.05	14.15	14.45	18.75	27.81	29.90	26.95	22.31	20.70	18.88	16.27	17.64	17.97	21.44	26.90	35.54	60.52	29.34	29.33	28.10	25.28	26.24
24011	1.09	1.02	0.83	0.82	0.90	1.29	2.00	2.41	2.06	1.53	1.28	1.10	0.94	0.90	0.99	1.14	1.30	1.75	1.79	1.75	1.79	1.60	1.59	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.83	-5.72	-9.94	-33.72	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	18.20	16.45	14.11	14.20	14.51	18.89	28.05	30.21	27.21	22.47	20.82	18.99	16.38	17.77	18.12	21.61	27.11	35.79	60.80	29.58	29.52	28.26	25.41	26.36
23798	1.16	1.11	0.90	0.87	0.97	1.43	2.24	2.72	2.32	1.69	1.41	1.22	1.05	1.03	1.14	1.31	1.50	2.00	2.05	1.99	1.98	1.77	1.71	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.84	-5.72	-9.94	-33.73	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	18.13	16.36	14.05	14.15	14.45	18.75	27.81	29.90	26.95	22.31	20.70	18.88	16.27	17.64	17.97	21.44	26.90	35.54	60.52	29.34	29.33	28.10	25.28	26.24
24028	1.09	1.02	0.83	0.82	0.90	1.29	2.00	2.41	2.06	1.53	1.28	1.10	0.94	0.90	0.99	1.14	1.30	1.75	1.79	1.75	1.79	1.60	1.59	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.83	-5.72	-9.94	-33.72	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	17.86	16.14	13.86	13.97	14.25	18.36	26.89	29.00	26.16	21.65	20.10	18.36	15.89	17.31	17.69	21.08	26.46	35.00	59.43	29.21	29.21	28.06	24.82	25.47
23527	0.82	0.80	0.64	0.64	0.70	0.90	1.08	1.53	1.27	0.87	0.68	0.59	0.56	0.58	0.71	0.86	1.02	1.49	1.62	1.62	1.68	1.57	1.13	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.76	-5.56	-9.67	-32.80	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	17.20	15.50	13.37	13.50	13.74	17.63	26.00	27.93	25.28	21.06	19.65	18.00	15.58	16.98	17.30	20.64	26.00	34.26	58.62	28.25	28.19	27.04	24.01	24.71
24190	0.16	0.17	0.16	0.17	0.20	0.17	0.19	0.46	0.39	0.28	0.23	0.23	0.25	0.24	0.32	0.40	0.53	0.70	0.69	0.66	0.65	0.55	0.31	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.77	-5.58	-9.70	-32.91	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	16.85	15.19	13.09	13.19	13.39	17.20	25.41	26.20	24.32	20.34	19.05	17.41	15.03	16.46	16.71	17.12	19.49	23.41	24.55	27.15	27.10	26.13	23.28	24.51
355683	-0.18	-0.15	-0.12	-0.14	-0.16	-0.26	-0.40	-0.62	-0.57	-0.44	-0.37	-0.36	-0.31	-0.28	-0.28	-0.35	-0.40	-0.44	-0.47	-0.44	-0.44	-0.36	-0.41	-0.22
	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	17.20	15.50	13.37	13.50	13.74	17.63	26.00	27.93	25.28	21.06	19.65	18.00	15.58	16.98	17.30	20.64	26.00	34.26	58.62	28.25	28.19	27.04	24.01	24.71
23571	0.16	0.17	0.16	0.17	0.20	0.17	0.19	0.46	0.39	0.28	0.23	0.23	0.25	0.24	0.32	0.40	0.53	0.70	0.69	0.66	0.65	0.55	0.31	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.77	-5.58	-9.70	-32.91	0.00	0.00	0.00	0.00	0.00
ALBANY___2	17.20	15.50	13.37	13.50	13.74	17.63	26.00	27.93	25.28	21.06	19.65	18.00	15.58	16.98	17.30	20.64	26.00	34.26	58.62	28.25	28.19	27.04	24.01	24.71
23572	0.16	0.17	0.16	0.17	0.20	0.17	0.19	0.46	0.39	0.28	0.23	0.23	0.25	0.24	0.32	0.40	0.53	0.70	0.69	0.66	0.65	0.55	0.31	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.77	-5.58	-9.70	-32.91	0.00	0.00	0.00	0.00	0.00
ALBANY___3	17.20	15.50	13.37	13.50	13.74	17.63	26.00	27.93	25.28	21.06	19.65	18.00	15.58	16.98	17.30	20.64	26.00	34.26	58.62	28.25	28.19	27.04	24.01	24.71
23573	0.16	0.17	0.16	0.17	0.20	0.17	0.19	0.46	0.39	0.28	0.23	0.23	0.25	0.24	0.32	0.40	0.53	0.70	0.69	0.66	0.65	0.55	0.31	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.77	-5.58	-9.70	-32.91	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	17.20 0.16 0.00	15.50 0.17 0.00	13.37 0.16 0.00	13.50 0.17 0.00	13.74 0.20 0.00	17.63 0.17 0.00	26.00 0.19 0.00	27.93 0.46 -0.66	25.28 0.39 0.00	21.06 0.28 0.00	19.65 0.23 0.00	18.00 0.23 0.00	15.58 0.25 0.00	16.98 0.24 0.00	17.30 0.32 0.00	20.64 0.40 -2.77	26.00 0.53 -5.58	34.26 0.70 -9.70	58.62 0.69 -32.91	28.25 0.66 0.00	28.19 0.65 0.00	27.04 0.55 0.00	24.01 0.31 0.00	24.71 -0.02 0.00
ALBANY___LFGE 323615	17.38 0.34 0.00	15.66 0.33 0.00	13.49 0.28 0.00	13.63 0.30 0.00	13.87 0.33 0.00	17.81 0.36 0.00	26.28 0.48 0.00	28.23 0.76 -0.66	25.55 0.66 0.00	21.28 0.50 0.00	19.85 0.44 0.00	18.19 0.41 0.00	15.73 0.40 0.00	17.15 0.41 0.00	17.48 0.49 0.00	20.84 0.59 -2.79	26.25 0.75 -5.61	34.59 0.97 -9.76	59.11 0.97 -33.12	28.57 0.97 0.00	28.49 0.95 0.00	27.33 0.83 0.00	24.27 0.58 0.00	24.98 0.25 0.00
ALCOA_PA_115KV_PL-6C 55860	16.95 -0.09 0.00	15.28 -0.05 0.00	13.17 -0.04 0.00	13.26 -0.07 0.00	13.45 -0.10 0.00	17.27 -0.18 0.00	25.50 -0.30 0.00	26.28 -0.53 0.00	24.39 -0.50 0.00	20.36 -0.42 0.00	19.05 -0.36 0.00	17.41 -0.36 0.00	15.03 -0.30 0.00	16.47 -0.27 0.00	16.71 -0.27 0.00	17.13 -0.34 0.00	19.51 -0.38 0.00	23.44 -0.41 0.00	24.61 -0.41 0.00	27.24 -0.35 0.00	27.20 -0.34 0.00	26.26 -0.24 0.00	23.39 -0.30 0.00	24.65 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	16.95 -0.09 0.00	15.28 -0.05 0.00	13.17 -0.04 0.00	13.26 -0.07 0.00	13.45 -0.10 0.00	17.27 -0.18 0.00	25.50 -0.30 0.00	26.28 -0.53 0.00	24.39 -0.50 0.00	20.36 -0.42 0.00	19.05 -0.36 0.00	17.41 -0.36 0.00	15.03 -0.30 0.00	16.47 -0.27 0.00	16.71 -0.27 0.00	17.13 -0.34 0.00	19.51 -0.38 0.00	23.44 -0.41 0.00	24.61 -0.41 0.00	27.24 -0.35 0.00	27.20 -0.34 0.00	26.26 -0.24 0.00	23.39 -0.30 0.00	24.65 -0.08 0.00
ALCOA___DSASP 323711	16.95 -0.09 0.00	15.28 -0.05 0.00	13.17 -0.04 0.00	13.25 -0.07 0.00	13.45 -0.10 0.00	17.27 -0.18 0.00	25.50 -0.30 0.00	26.28 -0.53 0.00	24.38 -0.51 0.00	20.36 -0.42 0.00	19.05 -0.37 0.00	17.41 -0.36 0.00	15.03 -0.30 0.00	16.47 -0.27 0.00	16.71 -0.27 0.00	17.13 -0.34 0.00	19.50 -0.39 0.00	23.44 -0.42 0.00	24.61 -0.41 0.00	27.24 -0.35 0.00	27.20 -0.34 0.00	26.26 -0.24 0.00	23.39 -0.30 0.00	24.65 -0.08 0.00
ALLEGHENY___COGEN 23514	17.82 0.85 0.06	16.00 0.69 0.03	13.77 0.58 0.02	13.88 0.58 0.03	14.06 0.56 0.04	18.34 0.92 0.04	27.56 1.77 0.02	29.08 1.74 -0.52	26.22 1.30 -0.03	21.81 0.65 -0.37	19.69 0.27 0.00	18.00 0.23 0.00	15.36 0.03 0.00	16.76 0.02 0.00	16.87 -0.11 0.00	17.69 -0.08 -0.30	20.43 -0.03 -0.58	25.16 0.06 -1.24	30.32 0.50 -4.81	28.59 1.00 0.00	28.68 1.16 0.03	27.67 1.25 0.08	25.01 1.59 0.27	26.08 1.51 0.15
ALTAMONT_115KV_TB 2 55880	17.47 0.43 0.00	15.74 0.40 0.00	13.54 0.33 0.00	13.68 0.35 0.00	13.92 0.38 0.00	17.92 0.46 0.00	26.45 0.64 0.00	28.35 0.88 -0.66	25.70 0.81 0.00	21.41 0.63 0.00	19.97 0.55 0.00	18.28 0.51 0.00	15.80 0.46 0.00	17.22 0.49 0.00	17.53 0.55 0.00	20.88 0.64 -2.77	26.27 0.80 -5.59	34.56 1.00 -9.71	58.97 1.01 -32.95	28.62 1.03 0.00	28.58 1.04 0.00	27.43 0.93 0.00	24.40 0.71 0.00	25.17 0.44 0.00
ALTONA_WT_PWR 323606	17.10 0.06 0.00	15.46 0.13 0.00	13.27 0.06 0.00	13.31 -0.02 0.00	13.50 -0.05 0.00	17.34 -0.11 0.00	25.56 -0.25 0.00	26.13 -0.68 0.00	24.44 -0.45 0.00	20.39 -0.39 0.00	18.93 -0.49 0.00	17.23 -0.55 0.00	14.96 -0.38 0.00	16.47 -0.27 0.00	16.81 -0.17 0.00	17.36 -0.11 0.00	19.77 -0.12 0.00	23.69 -0.16 0.00	25.26 0.24 0.00	27.92 0.33 0.00	27.79 0.25 0.00	26.84 0.35 0.00	23.73 0.04 0.00	24.93 0.20 0.00
AMERICAN_REF_FUEL 24010	16.67 -0.01 0.36	15.09 -0.10 0.15	12.95 -0.15 0.11	12.98 -0.18 0.17	13.04 -0.25 0.25	17.10 -0.13 0.22	24.55 -0.18 1.08	26.41 -0.48 -0.07	24.49 -0.40 0.00	20.57 -0.21 0.00	18.96 -0.46 0.00	17.39 -0.38 0.00	14.87 -0.47 0.00	16.18 -0.56 0.00	16.25 -0.73 0.00	16.94 -0.76 -0.23	19.16 -1.09 -0.36	23.49 -1.42 -1.06	27.79 -1.50 -4.28	26.08 -1.51 0.00	25.96 -1.42 0.16	24.87 -1.12 0.51	21.85 -0.14 1.70	23.82 0.05 0.96
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.25 0.67 0.46	15.60 0.46 0.19	13.53 0.46 0.15	13.53 0.42 0.22	13.55 0.33 0.32	17.83 0.66 0.28	25.68 1.29 1.43	28.00 1.18 0.00	26.02 1.14 0.00	21.69 0.97 0.07	20.01 0.59 0.00	18.31 0.54 0.00	15.59 0.25 0.00	17.04 0.30 0.00	17.15 0.16 0.00	17.97 0.23 -0.27	20.67 0.34 -0.45	25.42 0.38 -1.18	30.08 0.32 -4.74	27.99 0.40 0.00	27.92 0.59 0.21	26.64 0.80 0.65	22.85 1.36 2.20	24.92 1.43 1.24
ARTHUR_KILL_GT_1 23520	17.96 0.92 0.00	16.15 0.82 0.00	13.78 0.57 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.30 0.84 0.00	26.97 1.16 0.00	28.97 1.61 -0.54	26.02 1.65 0.52	22.28 1.49 -0.01	20.84 1.42 -0.01	19.13 1.35 -0.01	16.55 1.21 -0.01	18.04 1.30 -0.01	18.37 1.38 -0.01	21.33 1.60 -2.27	26.36 1.89 -4.58	33.18 2.09 -7.24	53.95 1.86 -27.07	29.68 2.09 0.00	29.63 2.08 0.00	28.43 1.94 0.00	25.33 1.64 0.00	25.88 1.15 0.00
ARTHUR_KILL_2 23512	17.91 0.87 0.00	16.11 0.77 0.00	13.74 0.53 0.00	13.89 0.56 0.00	14.13 0.59 0.00	18.24 0.79 0.00	26.89 1.08 0.00	28.88 1.52 -0.54	25.95 1.58 0.52	22.22 1.43 -0.01	20.79 1.37 -0.01	19.08 1.29 -0.01	16.51 1.17 -0.01	18.00 1.25 -0.01	18.32 1.33 -0.01	21.28 1.54 -2.27	26.30 1.82 -4.58	33.11 2.01 -7.24	53.86 1.78 -27.07	29.58 1.99 0.00	29.53 1.99 0.00	28.35 1.85 0.00	25.25 1.56 0.00	25.80 1.08 0.00
ARTHUR_KILL_3 23513	17.81 0.77 0.00	16.02 0.68 0.00	13.71 0.50 0.00	13.88 0.55 0.00	14.12 0.58 0.00	18.22 0.76 0.00	26.87 1.07 0.00	28.81 1.45 -0.54	25.94 1.58 0.53	22.25 1.47 0.00	20.83 1.41 0.00	19.09 1.32 0.00	16.53 1.20 0.00	18.02 1.28 0.00	18.34 1.36 0.00	21.31 1.56 -2.28	26.31 1.83 -4.59	33.85 2.02 -7.98	53.88 1.79 -27.07	29.43 1.84 0.00	29.29 1.75 0.00	28.15 1.66 0.00	25.05 1.35 0.00	25.71 0.98 0.00
ARTHUR_KILL_COGEN 323718	17.96 0.92 0.00	16.15 0.82 0.00	13.78 0.57 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.30 0.84 0.00	26.97 1.16 0.00	28.97 1.61 -0.54	26.02 1.65 0.52	22.28 1.49 -0.01	20.84 1.42 -0.01	19.13 1.35 -0.01	16.55 1.21 -0.01	18.04 1.30 -0.01	18.37 1.38 -0.01	21.33 1.60 -2.27	26.36 1.89 -4.58	33.18 2.09 -7.24	53.95 1.86 -27.07	29.68 2.09 0.00	29.63 2.08 0.00	28.43 1.94 0.00	25.33 1.64 0.00	25.88 1.15 0.00
ASHOKAN____ 23654	17.86 0.82 0.00	16.08 0.74 0.00	13.82 0.61 0.00	13.96 0.63 0.00	14.21 0.67 0.00	18.32 0.86 0.00	27.12 1.31 0.00	29.05 1.65 -0.59	26.34 1.45 0.00	21.80 1.02 0.00	20.25 0.83 0.00	18.52 0.74 0.00	16.02 0.69 0.00	17.50 0.76 0.00	17.82 0.83 0.00	20.88 0.91 -2.50	26.01 1.09 -5.03	34.16 1.56 -8.75	56.44 1.74 -29.68	29.45 1.86 0.00	29.33 1.79 0.00	28.07 1.58 0.00	24.88 1.19 0.00	25.57 0.84 0.00

ASTORIA_EAST_ENERGY_CC1 323581	17.87 0.83 0.00	16.10 0.76 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.28 0.83 0.00	27.02 1.21 0.00	28.97 1.61 -0.54	26.62 1.72 -0.01	22.34 1.56 -0.01	20.90 1.48 0.00	19.18 1.40 -0.01	16.60 1.27 0.00	18.09 1.35 -0.01	18.42 1.43 -0.01	21.38 1.64 -2.27	26.40 1.92 -4.59	33.94 2.11 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.44 1.89 0.00	28.30 1.80 0.00	25.19 1.50 0.00	25.81 1.08 0.00
ASTORIA_EAST_ENERGY_CC2 323582	17.87 0.83 0.00	16.10 0.76 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.28 0.83 0.00	27.02 1.21 0.00	28.97 1.61 -0.54	26.62 1.72 -0.01	22.34 1.56 -0.01	20.90 1.48 0.00	19.18 1.40 -0.01	16.60 1.27 0.00	18.09 1.35 -0.01	18.42 1.43 -0.01	21.38 1.64 -2.27	26.40 1.92 -4.59	33.94 2.11 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.44 1.89 0.00	28.30 1.80 0.00	25.19 1.50 0.00	25.81 1.08 0.00
ASTORIA_GT2_1 24094	17.88 0.84 0.00	16.11 0.77 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.29 0.84 0.00	27.04 1.23 0.00	28.99 1.63 -0.54	26.63 1.73 -0.01	22.35 1.57 -0.01	20.91 1.50 0.00	19.19 1.41 -0.01	16.62 1.29 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.64 -2.28	26.41 1.93 -4.59	33.96 2.12 -7.99	54.00 1.92 -27.07	29.57 1.98 0.00	29.45 1.91 0.00	28.32 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
ASTORIA_GT2_2 24095	17.88 0.84 0.00	16.11 0.77 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.29 0.84 0.00	27.04 1.23 0.00	28.99 1.63 -0.54	26.63 1.73 -0.01	22.35 1.57 -0.01	20.91 1.50 0.00	19.19 1.41 -0.01	16.62 1.29 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.64 -2.28	26.41 1.93 -4.59	33.96 2.12 -7.99	54.00 1.92 -27.07	29.57 1.98 0.00	29.45 1.91 0.00	28.32 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
ASTORIA_GT2_3 24096	17.88 0.84 0.00	16.11 0.77 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.29 0.84 0.00	27.04 1.23 0.00	28.99 1.63 -0.54	26.63 1.73 -0.01	22.35 1.57 -0.01	20.91 1.50 0.00	19.19 1.41 -0.01	16.62 1.29 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.64 -2.28	26.41 1.93 -4.59	33.96 2.12 -7.99	54.00 1.92 -27.07	29.57 1.98 0.00	29.45 1.91 0.00	28.32 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
ASTORIA_GT2_4 24097	17.88 0.84 0.00	16.11 0.77 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.29 0.84 0.00	27.04 1.23 0.00	28.99 1.63 -0.54	26.63 1.73 -0.01	22.35 1.57 -0.01	20.91 1.50 0.00	19.19 1.41 -0.01	16.62 1.29 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.64 -2.28	26.41 1.93 -4.59	33.96 2.12 -7.99	54.00 1.92 -27.07	29.57 1.98 0.00	29.45 1.91 0.00	28.32 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
ASTORIA_GT3_1 24098	17.88 0.84 0.00	16.11 0.77 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.29 0.84 0.00	27.04 1.23 0.00	28.99 1.63 -0.54	26.63 1.73 -0.01	22.35 1.57 -0.01	20.91 1.50 0.00	19.19 1.41 -0.01	16.62 1.29 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.64 -2.28	26.41 1.93 -4.59	33.96 2.12 -7.99	54.00 1.92 -27.07	29.57 1.98 0.00	29.45 1.91 0.00	28.32 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
ASTORIA_GT3_2 24099	17.88 0.84 0.00	16.11 0.77 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.29 0.84 0.00	27.04 																	

ASTORIA_GT_10 24110	17.93 0.89 0.00	16.13 0.80 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.15 1.34 0.00	29.12 1.77 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.11 1.57 -3.12	76.04 1.48 -56.79	21.88 1.33 -5.22	25.49 1.42 -7.32	60.31 1.51 -41.81	48.46 1.72 -29.27	35.12 2.01 -13.22	35.43 2.24 -9.34	54.11 2.02 -27.07	29.71 2.12 0.00	29.58 2.04 0.00	28.43 1.93 0.00	25.29 1.59 0.00	25.92 1.19 0.00
ASTORIA_GT_11 24225	17.93 0.89 0.00	16.13 0.80 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.15 1.34 0.00	29.12 1.77 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.11 1.57 -3.12	76.04 1.48 -56.79	21.88 1.33 -5.22	25.49 1.42 -7.32	60.31 1.51 -41.81	48.46 1.72 -29.27	35.12 2.01 -13.22	35.43 2.24 -9.34	54.11 2.02 -27.07	29.71 2.12 0.00	29.58 2.04 0.00	28.43 1.93 0.00	25.29 1.59 0.00	25.92 1.19 0.00
ASTORIA_GT_12 24226	17.93 0.89 0.00	16.13 0.80 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.15 1.34 0.00	29.12 1.77 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.11 1.57 -3.12	76.04 1.48 -56.79	21.88 1.33 -5.22	25.49 1.42 -7.32	60.31 1.51 -41.81	48.46 1.72 -29.27	35.12 2.01 -13.22	35.43 2.24 -9.34	54.11 2.02 -27.07	29.71 2.12 0.00	29.58 2.04 0.00	28.43 1.93 0.00	25.29 1.59 0.00	25.92 1.19 0.00
ASTORIA_GT_13 24227	17.93 0.89 0.00	16.13 0.80 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.15 1.34 0.00	29.12 1.77 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.11 1.57 -3.12	76.04 1.48 -56.79	21.88 1.33 -5.22	25.49 1.42 -7.32	60.31 1.51 -41.81	48.46 1.72 -29.27	35.12 2.01 -13.22	35.43 2.24 -9.34	54.11 2.02 -27.07	29.71 2.12 0.00	29.58 2.04 0.00	28.43 1.93 0.00	25.29 1.59 0.00	25.92 1.19 0.00
ASTORIA_GT_5 24106	17.91 0.87 0.00	16.13 0.79 0.00	13.80 0.58 0.00	13.96 0.62 0.00	14.20 0.65 0.00	18.32 0.86 0.00	27.08 1.27 0.00	29.04 1.68 -0.54	26.68 1.78 -0.01	22.40 1.61 -0.01	20.95 1.53 0.00	19.23 1.45 -0.01	16.64 1.31 0.00	18.13 1.39 -0.01	18.47 1.47 -0.01	21.43 1.68 -2.27	26.45 1.98 -4.59	34.01 2.18 -7.98	54.06 1.97 -27.07	29.63 2.04 0.00	29.51 1.97 0.00	28.37 1.87 0.00	25.25 1.56 0.00	25.87 1.14 0.00
ASTORIA_GT_7 24107	17.91 0.87 0.00	16.13 0.79 0.00	13.80 0.58 0.00	13.96 0.62 0.00	14.20 0.65 0.00	18.32 0.86 0.00	27.08 1.27 0.00	29.04 1.68 -0.54	26.68 1.78 -0.01	22.40 1.61 -0.01	20.95 1.53 0.00	19.23 1.45 -0.01	16.64 1.31 0.00	18.13 1.39 -0.01	18.47 1.47 -0.01	21.43 1.68 -2.27	26.45 1.98 -4.59	34.01 2.18 -7.98	54.06 1.97 -27.07	29.63 2.04 0.00	29.51 1.97 0.00	28.37 1.87 0.00	25.25 1.56 0.00	25.87 1.14 0.00
ASTORIA_GT_8 24108	17.91 0.87 0.00	16.13 0.79 0.00	13.80 0.58 0.00	13.96 0.63 0.00	14.20 0.65 0.00	18.32 0.86 0.00	27.09 1.28 0.00	29.04 1.68 -0.54	26.68 1.78 -0.01	22.40 1.61 -0.01	20.95 1.54 0.00	19.23 1.45 -0.01	16.65 1.32 0.00	18.13 1.39 -0.01	18.47 1.48 -0.01	21.43 1.68 -2.28	26.45 1.97 -4.59	34.02 2.18 -7.99	54.06 1.97 -27.07	29.63 2.04 0.00	29.51 1.97 0.00	28.38 1.88 0.00	25.25 1.56 0.00	25.88 1.15 0.00
ASTORIA___2 24149	17.88 0.84 0.00	16.11 0.77 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.18 0.63 0.00	18.29 0.84 0.00	27.03 1.22 0.00	28.99 1.63 -0.54	26.63 1.73 -0.01	22.35 1.56 -0.01	20.91 1.49 0.00	19.19 1.41 -0.01	16.61 1.28 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.65 -2.27	26.41 1.93 -4.59	33.96 2.13 -7.98	54.00 1.92 -27.07	29.57 1.99 0.00	29.45 1.91 0.00	28.31 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
ASTORIA___3 23516	17.93 0.89 0.00	16.13 0.79 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.14 1.33 0.00	29.12 1.76 -0.54	26.74 1.85 -0.01	22.45 1.66 -0.01	24.11 1.58 -3.12	76.04 1.48 -56.79	21.88 1.32 -5.22	25.49 1.42 -7.32	60.31 1.51 -41.81	48.46 1.72 -29.27	35.12 2.01 -13.22	35.44 2.25 -9.34	54.11 2.02 -27.07	29.71 2.12 0.00	29.59 2.04 0.00	28.42 1.92 0.00	25.29 1.59 0.00	25.91 1.19 0.00
ASTORIA___4 23517	17.93 0.89 0.00	16.13 0.80 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.15 1.34 0.00	29.12 1.77 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.11 1.57 -3.12	76.04 1.48 -56.79	21.88 1.33 -5.22	25.49 1.42 -7.32	60.31 1.51 -41.81	48.46 1.72 -29.27	35.12 2.01 -13.22	35.43 2.24 -9.34	54.11 2.02 -27.07	29.71 2.12 0.00	29.58 2.04 0.00	28.43 1.93 0.00	25.29 1.59 0.00	25.92 1.19 0.00
ASTORIA___5 23518	17.93 0.89 0.00	16.13 0.79 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.14 1.33 0.00	29.12 1.76 -0.54	26.74 1.85 -0.01	22.45 1.66 -0.01	24.11 1.58 -3.12	76.04 1.48 -56.79	21.88 1.32 -5.22	25.49 1.42 -7.32	60.31 1.51 -41.81	48.46 1.72 -29.27	35.12 2.01 -13.22	35.44 2.25 -9.34	54.11 2.02 -27.07	29.71 2.12 0.00	29.59 2.04 0.00	28.42 1.92 0.00	25.29 1.59 0.00	25.91 1.19 0.00
AST_ENERGY_2_CC3 323677	17.86 0.82 0.00	16.07 0.73 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.28 0.83 0.00	27.01 1.20 0.00	28.95 1.60 -0.54	26.60 1.70 0.00	22.34 1.56 0.00	20.91 1.49 0.00	19.17 1.40 0.00	16.59 1.26 0.00	18.09 1.35 0.00	18.42 1.44 0.00	21.39 1.64 -2.28	26.40 1.92 -4.59	33.96 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.42 1.88 0.00	28.27 1.78 0.00	25.15 1.46 0.00	25.77 1.05 0.00
AST_ENERGY_2_CC4 323678	17.86 0.82 0.00	16.07 0.73 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.28 0.83 0.00	27.01 1.20 0.00	28.95 1.60 -0.54	26.60 1.70 0.00	22.34 1.56 0.00	20.91 1.49 0.00	19.17 1.40 0.00	16.59 1.26 0.00	18.09 1.35 0.00	18.42 1.44 0.00	21.39 1.64 -2.28	26.40 1.92 -4.59	33.96 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.42 1.88 0.00	28.27 1.78 0.00	25.15 1.46 0.00	25.77 1.05 0.00
ATHENS_STG_1 23668	17.58 0.55 0.00	15.83 0.49 0.00	13.60 0.39 0.00	13.75 0.42 0.00	13.99 0.45 0.00	18.02 0.56 0.00	26.61 0.80 0.00	28.49 1.09 -0.59	25.94 1.05 0.00	21.66 0.88 0.00	20.22 0.80 0.00	18.52 0.74 0.00	16.00 0.67 0.00	17.46 0.72 0.00	17.77 0.78 0.00	20.87 0.91 -2.49	26.01 1.10 -5.03	33.89 1.29 -8.74	55.91 1.24 -29.65	28.85 1.26 0.00	28.81 1.27 0.00	27.65 1.16 0.00	24.60 0.91 0.00	25.33 0.61 0.00
ATHENS_STG_2 23670	17.58 0.55 0.00	15.83 0.49 0.00	13.60 0.39 0.00	13.75 0.42 0.00	13.99 0.45 0.00	18.02 0.56 0.00	26.61 0.80 0.00	28.49 1.09 -0.59	25.94 1.05 0.00	21.66 0.88 0.00	20.22 0.80 0.00	18.52 0.74 0.00	16.00 0.67 0.00	17.46 0.72 0.00	17.77 0.78 0.00	20.87 0.91 -2.49	26.01 1.10 -5.03	33.89 1.29 -8.74	55.91 1.24 -29.65	28.85 1.26 0.00	28.81 1.27 0.00	27.65 1.16 0.00	24.60 0.91 0.00	25.33 0.61 0.00

ATHENS_STG_3 23677	17.58 0.55 0.00	15.83 0.49 0.00	13.60 0.39 0.00	13.75 0.42 0.00	13.99 0.45 0.00	18.02 0.56 0.00	26.61 0.80 0.00	28.49 1.09 -0.59	25.94 1.05 0.00	21.66 0.88 0.00	20.22 0.80 0.00	18.52 0.74 0.00	16.00 0.67 0.00	17.46 0.72 0.00	17.77 0.78 0.00	20.87 0.91 -2.49	26.01 1.10 -5.03	33.89 1.29 -8.74	55.91 1.24 -29.65	28.85 1.26 0.00	28.81 1.27 0.00	27.65 1.16 0.00	24.60 0.91 0.00	25.33 0.61 0.00
AUBURN____LFGE 323710	17.35 0.31 0.00	15.59 0.25 0.00	13.46 0.25 0.00	13.55 0.21 0.00	13.71 0.17 0.00	17.84 0.38 0.00	26.63 0.83 0.00	27.72 0.84 -0.07	25.53 0.64 0.00	21.30 0.51 0.00	19.76 0.34 0.00	18.06 0.29 0.00	15.56 0.23 0.00	16.97 0.23 0.00	17.15 0.17 0.00	17.97 0.21 -0.29	21.08 0.59 -0.60	25.78 0.81 -1.12	29.77 0.70 -4.06	28.27 0.68 0.00	28.24 0.70 0.00	27.17 0.67 0.00	24.70 1.01 0.00	25.95 1.22 0.00
BABYLON_RES_REC 323704	18.34 1.31 0.00	16.46 1.12 0.00	14.07 0.85 0.00	14.20 0.86 0.00	14.46 0.92 0.00	18.75 1.29 0.00	27.89 2.08 0.00	29.80 2.45 -0.54	27.30 2.41 0.00	22.81 2.03 0.00	21.35 1.93 0.00	19.58 1.80 0.00	16.91 1.57 0.00	18.50 1.76 0.00	18.80 1.82 0.00	38.18 2.06 -18.65	33.02 2.50 -10.64	35.08 2.86 -8.37	54.76 2.66 -27.08	32.73 2.91 -2.24	37.04 2.81 -6.69	30.14 2.65 -1.00	25.86 2.17 0.00	26.43 1.70 0.00
BABYLON__69_KV_BK2 356345	18.56 1.52 0.00	16.64 1.31 0.00	14.23 1.01 0.00	14.35 1.02 0.00	14.62 1.08 0.00	18.96 1.50 0.00	28.23 2.42 0.00	30.13 2.77 -0.54	27.62 2.72 0.00	23.07 2.29 0.00	21.58 2.17 0.00	19.80 2.02 0.00	17.10 1.77 0.00	18.71 1.97 0.00	19.01 2.03 0.00	38.43 2.30 -18.65	33.29 2.77 -10.64	35.39 3.17 -8.36	55.06 2.96 -27.08	33.09 3.26 -2.23	37.43 3.20 -6.69	30.53 3.05 -0.99	26.18 2.49 0.00	26.75 2.03 0.00
BALL_HILL_WT_PWR 323825	17.55 0.51 0.00	15.68 0.34 0.00	13.54 0.33 0.00	13.61 0.28 0.00	13.74 0.20 0.00	17.90 0.44 0.00	26.65 0.84 0.00	27.57 0.68 -0.08	25.56 0.66 0.00	21.37 0.59 0.00	19.67 0.25 0.00	18.03 0.25 0.00	15.35 0.02 0.00	16.77 0.03 0.00	16.87 -0.11 0.00	17.67 -0.06 -0.26	20.21 -0.08 -0.41	24.88 -0.12 -1.15	29.49 -0.17 -4.64	27.46 -0.13 0.00	27.57 0.03 0.00	26.76 0.26 0.00	24.63 0.94 0.00	25.75 1.02 0.00
BARON_WINDS____WT_PWR 323822	17.41 0.22 -0.15	15.58 0.17 -0.06	13.50 0.24 -0.05	13.64 0.24 -0.07	13.82 0.18 -0.10	17.93 0.38 -0.09	27.41 0.77 -0.84	28.57 0.62 -1.14	25.51 0.55 -0.06	22.07 0.40 -0.88	19.43 0.01 0.00	17.74 -0.04 0.00	15.10 -0.23 0.00	16.54 -0.20 0.00	16.66 -0.32 0.00	17.56 -0.25 -0.34	20.42 -0.09 -0.63	25.39 0.06 -1.48	31.08 0.09 -5.98	27.65 0.06 0.00	27.91 0.30 -0.07	27.18 0.47 -0.22	25.23 0.80 -0.73	25.94 0.80 -0.41
BARRETT_IC_1 23704	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_10 23701	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_11 23702	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_12 23703	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_2 23705	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_3 23706	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_4 23707	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_5 23708	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_6 23709	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00

BARRETT_IC_7 23710	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.53 1.72 0.00	29.41 2.05 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.74 1.41 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.92 1.80 -18.65	32.69 2.17 -10.64	34.69 2.48 -8.36	54.37 2.28 -27.08	32.26 2.44 -2.23	36.59 2.36 -6.69	29.75 2.26 -0.99	25.56 1.87 0.00	26.24 1.51 0.00
BARRETT_IC_8 23711	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT_IC_9 23700	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT___1 23545	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BARRETT___2 23546	18.19 1.15 0.00	16.33 0.99 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.36 0.82 0.00	18.60 1.14 0.00	27.52 1.71 0.00	29.41 2.06 -0.54	26.95 2.06 0.00	22.56 1.77 0.00	21.17 1.75 0.00	19.41 1.64 0.00	16.73 1.40 0.00	18.27 1.53 0.00	18.58 1.60 0.00	37.93 1.80 -18.65	32.69 2.17 -10.64	34.70 2.48 -8.37	54.37 2.28 -27.08	32.27 2.44 -2.24	36.59 2.36 -6.69	29.74 2.25 -1.00	25.56 1.87 0.00	26.23 1.51 0.00
BATAVIA___115KV_TB1 55881	17.62 0.59 0.00	15.76 0.43 0.00	13.52 0.31 0.00	13.60 0.27 0.00	13.77 0.23 0.00	17.96 0.50 0.00	26.69 0.89 0.00	27.62 0.75 -0.07	25.53 0.64 0.00	21.29 0.51 0.00	19.60 0.18 0.00	17.95 0.17 0.00	15.31 -0.02 0.00	16.68 -0.06 0.00	16.78 -0.21 0.00	17.50 -0.21 -0.25	19.93 -0.39 -0.43	24.49 -0.40 -1.03	28.73 -0.31 -4.03	27.47 -0.12 0.00	27.47 -0.07 0.00	26.58 0.09 0.00	24.51 0.82 0.00	25.67 0.94 0.00
BAYONEEC___CTG1 323682	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG10 323750	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG2 323683	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG3 323684	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG4 323685	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG5 323686	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG6 323687	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG7 323688	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BAYONEEC___CTG8 323689	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00

BAYONEEC___CTG9 323749	17.88 0.84 0.00	16.07 0.73 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.63 0.00	18.30 0.84 0.00	27.03 1.22 0.00	28.96 1.61 -0.54	26.61 1.72 0.00	22.35 1.57 0.00	20.92 1.50 0.00	19.18 1.40 0.00	16.60 1.27 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.65 -2.28	26.41 1.93 -4.59	33.97 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.43 1.89 0.00	28.29 1.80 0.00	25.18 1.48 0.00	25.81 1.08 0.00
BEACON___LESR 323632	17.46 0.42 0.00	15.73 0.39 0.00	13.54 0.33 0.00	13.65 0.32 0.00	13.92 0.37 0.00	17.90 0.45 0.00	26.47 0.66 0.00	28.37 0.90 -0.66	25.66 0.77 0.00	21.33 0.55 0.00	19.88 0.46 0.00	18.20 0.43 0.00	15.75 0.42 0.00	17.17 0.43 0.00	17.49 0.51 0.00	20.87 0.64 -2.77	26.32 0.86 -5.57	34.71 1.16 -9.69	59.02 1.13 -32.88	28.70 1.11 0.00	28.66 1.12 0.00	27.46 0.96 0.00	24.37 0.68 0.00	25.08 0.36 0.00
BEAVER RIVER___HYD 24048	17.08 0.04 0.00	15.55 0.21 0.00	13.42 0.21 0.00	13.52 0.19 0.00	13.71 0.17 0.00	17.74 0.28 0.00	26.35 0.54 0.00	27.31 0.48 -0.02	25.13 0.24 0.00	20.74 -0.04 0.00	19.21 -0.21 0.00	17.57 -0.20 0.00	15.10 -0.23 0.00	16.41 -0.33 0.00	16.60 -0.38 0.00	17.14 -0.42 -0.10	19.75 -0.34 -0.20	24.08 -0.14 -0.37	26.49 0.18 -1.29	28.10 0.51 0.00	28.08 0.54 0.00	27.02 0.52 0.00	24.07 0.38 0.00	25.10 0.37 0.00
BEEBEE_GT_13 23619	17.31 0.27 0.00	15.51 0.17 0.00	13.33 0.11 0.00	13.42 0.09 0.00	13.59 0.05 0.00	17.65 0.19 0.00	26.24 0.44 0.00	27.24 0.37 -0.06	25.21 0.32 0.00	21.05 0.27 0.00	19.49 0.07 0.00	17.87 0.10 0.00	15.30 -0.03 0.00	16.68 -0.06 0.00	16.80 -0.18 0.00	17.56 -0.17 -0.26	20.13 -0.29 -0.54	24.44 -0.40 -0.99	28.19 -0.42 -3.59	27.22 -0.37 0.00	27.19 -0.35 0.00	26.27 -0.23 0.00	24.02 0.33 0.00	25.11 0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.04 1.01 0.00	16.23 0.89 0.00	13.89 0.67 0.00	14.05 0.71 0.00	14.29 0.75 0.00	18.45 0.99 0.00	27.29 1.48 0.00	29.29 1.94 -0.54	26.89 1.99 -0.01	22.57 1.78 -0.01	24.23 1.70 -3.12	76.18 1.59 -56.81	21.99 1.43 -5.22	25.60 1.54 -7.33	60.44 1.63 -41.83	48.60 1.85 -29.29	35.29 2.18 -13.23	35.62 2.42 -9.34	54.29 2.20 -27.07	29.97 2.37 0.00	29.87 2.33 0.00	28.69 2.19 0.00	25.51 1.82 0.00	26.12 1.39 0.00
BETHLEHEM___GRP 23843	17.20 0.16 0.00	15.50 0.17 0.00	13.37 0.16 0.00	13.50 0.17 0.00	13.74 0.20 0.00	17.63 0.17 0.00	26.00 0.19 0.00	27.93 0.46 -0.66	25.28 0.39 0.00	21.06 0.28 0.00	19.65 0.23 0.00	18.00 0.23 0.00	15.58 0.25 0.00	16.98 0.24 0.00	17.30 0.32 0.00	20.64 0.40 -2.77	26.00 0.53 -5.58	34.26 0.70 -9.70	58.62 0.69 -32.91	28.25 0.66 0.00	28.19 0.65 0.00	27.04 0.55 0.00	24.01 0.31 0.00	24.71 -0.02 0.00
BETHLEHEM___GS1 323560	17.20 0.16 0.00	15.50 0.17 0.00	13.37 0.16 0.00	13.50 0.17 0.00	13.74 0.20 0.00	17.63 0.17 0.00	26.00 0.19 0.00	27.93 0.46 -0.66	25.28 0.39 0.00	21.06 0.27 0.00	19.65 0.23 0.00	18.00 0.23 0.00	15.58 0.24 0.00	16.98 0.24 0.00	17.30 0.32 0.00	20.64 0.40 -2.77	26.00 0.53 -5.58	34.26 0.70 -9.70	58.62 0.69 -32.91	28.25 0.66 0.00	28.19 0.65 0.00	27.04 0.54 0.00	24.01 0.31 0.00	24.71 -0.02 0.00
BETHLEHEM___GS2 323561	17.20 0.16 0.00	15.50 0.17 0.00	13.37 0.16 0.00	13.50 0.17 0.00	13.74 0.20 0.00	17.63 0.17 0.00	26.00 0.19 0.00	27.93 0.46 -0.66	25.28 0.39 0.00	21.06 0.27 0.00	19.65 0.23 0.00	18.00 0.23 0.00	15.58 0.24 0.00	16.98 0.24 0.00	17.30 0.32 0.00	20.64 0.40 -2.77	26.00 0.53 -5.58	34.26 0.70 -9.70	58.62 0.69 -32.91	28.25 0.66 0.00	28.19 0.65 0.00	27.04 0.54 0.00	24.01 0.31 0.00	24.71 -0.02 0.00
BETHLEHEM___GS3 323562	17.20 0.16 0.00	15.50 0.17 0.00	13.37 0.16 0.00	13.50 0.17 0.00	13.74 0.20 0.00	17.63 0.17 0.00	26.00 0.19 0.00	27.93 0.46 -0.66	25.28 0.39 0.00	21.06 0.27 0.00	19.65 0.23 0.00	18.00 0.23 0.00	15.58 0.24 0.00	16.98 0.24 0.00	17.30 0.32 0.00	20.64 0.40 -2.77	26.00 0.53 -5.58	34.26 0.70 -9.70	58.62 0.69 -32.91	28.25 0.66 0.00	28.19 0.65 0.00	27.04 0.54 0.00	24.01 0.31 0.00	24.71 -0.02 0.00
BETHLEHEM___STEEL 23779	17.51 0.47 0.00	15.66 0.32 0.00	13.48 0.27 0.00	13.56 0.23 0.00	13.71 0.17 0.00	17.85 0.39 0.00	26.52 0.71 0.00	27.40 0.52 -0.07	25.41 0.52 0.00	21.27 0.48 0.00	19.58 0.16 0.00	17.96 0.19 0.00	15.30 -0.04 0.00	16.68 -0.05 0.00	16.78 -0.21 0.00	17.56 -0.15 -0.25	20.00 -0.27 -0.39	24.63 -0.34 -1.12	29.20 -0.36 -4.54	27.31 -0.28 0.00	27.37 -0.17 0.00	26.57 0.08 0.00	24.55 0.86 0.00	25.72 0.99 0.00
BETHLHEM_115KV_TB1 79974	17.25 0.21 0.00	15.55 0.21 0.00	13.40 0.19 0.00	13.54 0.21 0.00	13.78 0.24 0.00	17.69 0.23 0.00	26.08 0.28 0.00	28.01 0.54 -0.66	25.36 0.47 0.00	21.14 0.35 0.00	19.72 0.30 0.00	18.06 0.29 0.00	15.63 0.29 0.00	17.04 0.30 0.00	17.35 0.37 0.00	20.70 0.46 -2.77	26.06 0.59 -5.58	34.32 0.77 -9.70	58.67 0.75 -32.90	28.33 0.74 0.00	28.27 0.73 0.00	27.12 0.63 0.00	24.09 0.40 0.00	24.81 0.08 0.00
BETHPAGE_CC_5 323564	18.28 1.24 0.00	16.40 1.06 0.00	14.02 0.81 0.00	14.15 0.82 0.00	14.42 0.87 0.00	18.67 1.21 0.00	27.71 1.90 0.00	29.60 2.24 -0.54	27.13 2.23 0.00	22.68 1.90 0.00	21.25 1.83 0.00	19.49 1.72 0.00	16.83 1.50 0.00	18.42 1.67 0.00	18.72 1.74 0.00	38.07 1.95 -18.65	32.87 2.35 -10.64	34.91 2.69 -8.37	54.57 2.48 -27.08	32.49 2.66 -2.24	36.82 2.58 -6.69	29.92 2.43 -1.00	25.70 2.00 0.00	26.32 1.59 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.56 0.52 0.00	15.70 0.36 0.00	13.52 0.31 0.00	13.60 0.27 0.00	13.75 0.21 0.00	17.90 0.44 0.00	26.61 0.81 0.00	27.50 0.61 -0.07	25.50 0.61 0.00	21.35 0.57 0.00	19.65 0.23 0.00	18.02 0.24 0.00	15.35 0.02 0.00	16.74 0.01 0.00	16.84 -0.14 0.00	17.63 -0.08 -0.25	20.09 -0.19 -0.39	24.76 -0.22 -1.13	29.39 -0.20 -4.58	27.48 -0.11 0.00	27.55 0.01 0.00	26.73 0.24 0.00	24.70 1.01 0.00	25.86 1.14 0.00
BINGHAMTON___COGEN 23790	17.35 0.31 0.00	15.57 0.23 0.00	13.46 0.25 0.00	13.56 0.23 0.00	13.74 0.20 0.00	17.78 0.32 0.00	26.39 0.59 0.00	27.69 0.70 -0.17	25.54 0.64 0.00	21.29 0.51 0.00	19.79 0.37 0.00	18.13 0.35 0.00	15.62 0.29 0.00	17.04 0.30 0.00	17.26 0.28 0.00	18.52 0.33 -0.72	21.81 0.46 -1.46	26.95 0.53 -2.57	34.09 0.51 -8.57	28.12 0.53 0.00	28.15 0.61 0.00	27.11 0.61 0.00	24.33 0.63 0.00	25.28 0.55 0.00
BIXINCNT_115KV_LOAD 355685	17.74 0.71 0.00	15.86 0.52 0.00	13.70 0.49 0.00	13.81 0.48 0.00	14.00 0.46 0.00	18.21 0.75 0.00	27.10 1.30 0.00	28.07 1.18 -0.08	26.05 1.15 0.00	21.79 1.01 0.00	20.01 0.59 0.00	18.28 0.50 0.00	15.54 0.20 0.00	16.95 0.21 0.00	17.07 0.08 0.00	17.82 0.07 -0.28	20.55 0.21 -0.46	25.33 0.28 -1.20	30.10 0.30 -4.78	27.99 0.40 0.00	28.12 0.58 0.00	27.35 0.85 0.00	25.22 1.53 0.00	26.40 1.67 0.00

BLACK RIVER___HYD 24047	17.30 0.26 0.00	15.77 0.43 0.00	13.60 0.39 0.00	13.71 0.38 0.00	13.92 0.38 0.00	18.06 0.60 0.00	26.88 1.07 0.00	27.87 1.03 -0.03	25.58 0.69 0.00	21.03 0.25 0.00	19.42 0.00 0.00	17.76 -0.01 0.00	15.25 -0.08 0.00	16.52 -0.22 0.00	16.69 -0.30 0.00	17.26 -0.34 -0.13	20.00 -0.17 -0.28	24.44 0.07 -0.51	27.33 0.51 -1.80	28.65 1.06 0.00	28.63 1.09 0.00	27.47 0.97 0.00	24.50 0.81 0.00	25.51 0.79 0.00
BLACKRVR_115KV_TB2 79977	17.30 0.26 0.00	15.77 0.43 0.00	13.60 0.39 0.00	13.71 0.38 0.00	13.92 0.38 0.00	18.06 0.60 0.00	26.87 1.06 0.00	27.87 1.03 -0.03	25.58 0.69 0.00	21.03 0.25 0.00	19.42 0.00 0.00	17.76 -0.01 0.00	15.24 -0.09 0.00	16.52 -0.22 0.00	16.69 -0.30 0.00	17.26 -0.34 -0.13	19.99 -0.17 -0.28	24.44 0.07 -0.51	27.33 0.51 -1.80	28.66 1.07 0.00	28.63 1.09 0.00	27.46 0.96 0.00	24.50 0.81 0.00	25.51 0.79 0.00
BLISS_WT_PWR 323608	17.25 0.69 0.47	15.65 0.51 0.20	13.55 0.49 0.15	13.60 0.49 0.22	13.68 0.47 0.33	17.93 0.76 0.29	25.68 1.35 1.48	28.01 1.22 0.02	26.08 1.20 0.01	21.74 1.04 0.08	20.03 0.61 0.00	18.29 0.52 0.00	15.57 0.23 0.00	16.96 0.22 0.00	17.08 0.10 0.00	17.83 0.09 -0.28	20.64 0.29 -0.46	25.37 0.32 -1.20	30.12 0.33 -4.78	28.01 0.42 0.00	27.93 0.60 0.21	26.72 0.90 0.67	22.97 1.55 2.27	25.14 1.69 1.28
BLUESTONE___WT_PWR 323821	18.01 0.88 -0.09	16.13 0.75 -0.04	13.91 0.67 -0.03	14.06 0.69 -0.04	14.30 0.69 -0.06	18.51 1.00 -0.06	27.91 1.83 -0.28	29.02 2.02 -0.19	26.73 1.84 0.00	22.20 1.42 0.00	20.52 1.10 0.00	18.75 0.97 0.00	16.14 0.81 0.00	17.64 0.90 0.00	17.88 0.90 0.00	19.24 0.97 -0.80	22.78 1.27 -1.62	28.39 1.69 -2.86	36.53 1.88 -9.64	29.61 2.02 0.00	29.37 1.79 -0.04	28.31 1.68 -0.14	25.63 1.48 -0.46	26.33 1.34 -0.26
BLUE_CIRC_CHEM_DRP 24182	17.48 0.44 0.00	15.76 0.42 0.00	13.57 0.36 0.00	13.71 0.38 0.00	13.95 0.41 0.00	17.94 0.48 0.00	26.48 0.68 0.00	28.39 0.93 -0.65	25.71 0.81 0.00	21.41 0.62 0.00	19.95 0.54 0.00	18.27 0.49 0.00	15.80 0.46 0.00	17.22 0.49 0.00	17.54 0.56 0.00	20.85 0.65 -2.73	26.19 0.81 -5.50	34.45 1.05 -9.56	58.50 1.07 -32.42	28.68 1.09 0.00	28.63 1.09 0.00	27.48 0.99 0.00	24.44 0.75 0.00	25.19 0.47 0.00
BOC_GAS_DRP 24189	17.40 0.37 0.00	15.67 0.33 0.00	13.49 0.28 0.00	13.63 0.30 0.00	13.87 0.33 0.00	17.84 0.38 0.00	26.32 0.52 0.00	28.23 0.76 -0.66	25.59 0.69 0.00	21.34 0.56 0.00	19.91 0.50 0.00	18.23 0.45 0.00	15.77 0.43 0.00	17.19 0.45 0.00	17.50 0.52 0.00	20.84 0.61 -2.76	26.21 0.76 -5.57	34.46 0.92 -9.69	58.78 0.91 -32.86	28.51 0.92 0.00	28.46 0.92 0.00	27.32 0.83 0.00	24.30 0.61 0.00	25.05 0.33 0.00
BOONVILLE_115KV_TB1 79983	17.31 0.27 0.00	15.66 0.32 0.00	13.50 0.29 0.00	13.62 0.29 0.00	13.84 0.29 0.00	17.90 0.44 0.00	26.49 0.68 0.00	27.52 0.69 -0.02	25.40 0.51 0.00	21.09 0.31 0.00	19.60 0.18 0.00	17.95 0.18 0.00	15.45 0.12 0.00	16.83 0.09 0.00	17.04 0.06 0.00	17.61 0.06 -0.08	20.22 0.16 -0.18	24.51 0.34 -0.32	26.65 0.54 -1.10	28.31 0.72 0.00	28.25 0.71 0.00	27.12 0.63 0.00	24.22 0.53 0.00	25.28 0.56 0.00
BORALEX_4TH_BRANCH 23824	17.86 0.82 0.00	16.14 0.80 0.00	13.86 0.64 0.00	13.97 0.64 0.00	14.25 0.70 0.00	18.36 0.90 0.00	26.89 1.08 0.00	29.00 1.53 -0.66	26.16 1.27 0.00	21.65 0.87 0.00	20.10 0.68 0.00	18.36 0.59 0.00	15.89 0.56 0.00	17.31 0.58 0.00	17.69 0.71 0.00	21.08 0.86 -2.76	26.46 1.02 -5.56	35.01 1.48 -9.67	59.44 1.62 -32.80	29.21 1.62 0.00	29.21 1.67 0.00	28.06 1.57 0.00	24.82 1.13 0.00	25.47 0.74 0.00
BOWLINE___1 23526	17.78 0.74 0.00	15.97 0.63 0.00	13.68 0.47 0.00	13.86 0.53 0.00	14.11 0.57 0.00	18.20 0.75 0.00	26.91 1.10 0.00	28.78 1.44 -0.52	26.35 1.47 0.00	22.07 1.29 0.00	20.66 1.24 0.00	18.94 1.16 0.00	16.37 1.04 0.00	17.87 1.13 0.00	18.19 1.21 0.00	21.07 1.39 -2.21	25.99 1.65 -4.45	33.48 1.89 -7.74	52.99 1.73 -26.25	29.34 1.75 0.00	29.22 1.68 0.00	28.05 1.55 0.00	24.94 1.25 0.00	25.62 0.90 0.00
BOWLINE___2 23595	17.78 0.74 0.00	15.97 0.63 0.00	13.68 0.47 0.00	13.86 0.53 0.00	14.11 0.57 0.00	18.20 0.75 0.00	26.91 1.10 0.00	28.78 1.44 -0.52	26.36 1.47 0.00	22.07 1.29 0.00	20.66 1.24 0.00	18.94 1.16 0.00	16.37 1.04 0.00	17.87 1.13 0.00	18.19 1.21 0.00	21.07 1.40 -2.21	25.99 1.65 -4.45	33.48 1.89 -7.74	53.00 1.73 -26.25	29.34 1.75 0.00	29.22 1.68 0.00	28.05 1.55 0.00	24.94 1.25 0.00	25.62 0.90 0.00
BRADY___115KV_TB2 356060	17.05 0.01 0.00	15.38 0.04 0.00	13.25 0.04 0.00	13.33 0.00 0.00	13.49 -0.05 0.00	17.35 -0.11 0.00	25.65 -0.16 0.00	26.43 -0.38 0.00	24.44 -0.45 0.00	20.32 -0.47 0.00	19.00 -0.42 0.00	17.36 -0.42 0.00	14.98 -0.35 0.00	16.43 -0.31 0.00	16.67 -0.31 0.00	17.10 -0.37 0.00	19.46 -0.43 0.00	23.41 -0.44 0.00	24.68 -0.34 0.00	27.41 -0.18 0.00	27.40 -0.14 0.00	26.48 -0.02 0.00	23.54 -0.15 0.00	24.79 0.06 0.00
BRANSCOMB___SOLAR 323811	17.91 0.87 0.00	16.15 0.81 0.00	13.87 0.66 0.00	13.99 0.66 0.00	14.26 0.72 0.00	18.45 0.99 0.00	27.29 1.48 0.00	29.30 1.82 -0.67	26.45 1.56 0.00	21.94 1.16 0.00	20.39 0.98 0.00	18.63 0.85 0.00	16.08 0.75 0.00	17.48 0.74 0.00	17.82 0.83 0.00	21.26 0.97 -2.83	26.74 1.16 -5.69	35.31 1.55 -9.90	60.22 1.62 -33.59	29.22 1.63 0.00	29.18 1.63 0.00	27.98 1.49 0.00	25.00 1.31 0.00	25.82 1.09 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.50 1.46 0.00	16.60 1.26 0.00	14.18 0.97 0.00	14.31 0.98 0.00	14.58 1.03 0.00	18.90 1.44 0.00	28.16 2.35 0.00	30.06 2.71 -0.54	27.56 2.67 0.00	23.02 2.24 0.00	21.54 2.12 0.00	19.76 1.98 0.00	17.07 1.73 0.00	18.67 1.93 0.00	18.97 1.98 0.00	38.38 2.25 -18.65	33.22 2.70 -10.64	35.23 3.01 -8.36	54.87 2.78 -27.08	32.91 3.09 -2.23	37.30 3.07 -6.69	30.42 2.94 -0.99	26.07 2.38 0.00	26.64 1.92 0.00
BRISTLHL_115KV_TB1 79998	17.37 0.33 0.00	15.60 0.26 0.00	13.43 0.22 0.00	13.55 0.22 0.00	13.76 0.22 0.00	17.83 0.37 0.00	26.43 0.63 0.00	27.48 0.61 -0.05	25.38 0.49 0.00	21.12 0.34 0.00	19.64 0.22 0.00	17.98 0.21 0.00	15.46 0.13 0.00	16.83 0.09 0.00	16.99 0.01 0.00	17.70 0.02 -0.21	20.47 0.14 -0.44	24.91 0.25 -0.81	28.18 0.32 -2.84	28.00 0.41 0.00	27.96 0.42 0.00	26.88 0.39 0.00	24.24 0.54 0.00	25.41 0.68 0.00
BROOKHAVEN___DRP 24191	18.51 1.48 0.00	16.61 1.28 0.00	14.19 0.98 0.00	14.32 0.99 0.00	14.59 1.05 0.00	18.92 1.47 0.00	28.26 2.46 0.00	30.16 2.80 -0.54	27.63 2.74 0.00	23.07 2.29 0.00	21.57 2.16 0.00	19.79 2.02 0.00	17.08 1.74 0.00	18.71 1.97 0.00	18.98 1.99 0.00	38.39 2.27 -18.65	33.22 2.70 -10.64	35.36 3.15 -8.36	55.04 2.94 -27.08	33.07 3.25 -2.23	37.39 3.16 -6.69	30.55 3.06 -0.99	26.19 2.50 0.00	26.64 1.91 0.00



BROOKLYN_NAVY_YARD 23515	17.84 0.80 0.00	16.06 0.72 0.00	13.77 0.55 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.28 0.82 0.00	27.02 1.21 0.00	28.97 1.61 -0.54	26.61 1.72 0.00	22.33 1.55 0.00	20.88 1.47 0.00	19.15 1.37 0.00	16.57 1.24 0.00	18.07 1.33 0.00	18.41 1.42 0.00	21.35 1.61 -2.28	26.37 1.89 -4.59	33.93 2.09 -7.98	53.96 1.87 -27.07	29.54 1.95 0.00	29.39 1.85 0.00	28.24 1.75 0.00	25.16 1.47 0.00	25.76 1.03 0.00
BROOKLYN___ARMY_DRP 323595	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
BROOKVLE_69_KV_TB1 55790	18.18 1.15 0.00	16.32 0.98 0.00	13.96 0.75 0.00	14.11 0.78 0.00	14.37 0.83 0.00	18.59 1.13 0.00	27.53 1.73 0.00	29.44 2.09 -0.54	26.99 2.10 0.00	22.56 1.78 0.00	21.16 1.74 0.00	19.41 1.63 0.00	16.78 1.45 0.00	18.36 1.62 0.00	18.69 1.71 0.00	38.04 1.92 -18.65	32.74 2.22 -10.64	34.76 2.54 -8.36	54.44 2.34 -27.08	32.30 2.47 -2.23	36.68 2.45 -6.69	29.81 2.33 -0.99	25.58 1.89 0.00	26.22 1.49 0.00
BROOME_2_LFGE 323671	17.47 0.31 -0.12	15.62 0.23 -0.05	13.50 0.24 -0.04	13.62 0.23 -0.06	13.83 0.20 -0.09	17.86 0.32 -0.08	26.77 0.59 -0.37	27.69 0.70 -0.17	25.54 0.64 0.00	21.29 0.50 0.00	19.79 0.37 0.00	18.13 0.35 0.00	15.62 0.29 0.00	17.04 0.30 0.00	17.26 0.28 0.00	18.52 0.33 -0.72	21.81 0.46 -1.46	26.95 0.54 -2.57	34.09 0.51 -8.57	28.12 0.53 0.00	28.21 0.62 -0.06	27.30 0.62 -0.18	24.94 0.63 -0.62	25.63 0.55 -0.35
BROOME___LFGE 323600	17.47 0.31 -0.12	15.62 0.23 -0.05	13.50 0.24 -0.04	13.62 0.23 -0.06	13.83 0.20 -0.09	17.86 0.32 -0.08	26.77 0.59 -0.37	27.69 0.70 -0.17	25.54 0.64 0.00	21.29 0.50 0.00	19.79 0.37 0.00	18.13 0.35 0.00	15.62 0.29 0.00	17.04 0.30 0.00	17.26 0.28 0.00	18.52 0.33 -0.72	21.81 0.46 -1.46	26.95 0.54 -2.57	34.09 0.51 -8.57	28.12 0.53 0.00	28.21 0.62 -0.06	27.30 0.62 -0.18	24.94 0.63 -0.62	25.63 0.55 -0.35
BROWNFLS_115KV_TB_3_5 80003	16.97 -0.07 0.00	15.40 0.06 0.00	13.27 0.06 0.00	13.34 0.00 0.00	13.50 -0.05 0.00	17.39 -0.06 0.00	25.79 -0.02 0.00	26.67 -0.16 -0.02	24.60 -0.29 0.00	20.35 -0.43 0.00	18.91 -0.51 0.00	17.28 -0.49 0.00	14.88 -0.45 0.00	16.22 -0.51 0.00	16.44 -0.55 0.00	16.94 -0.60 -0.07	19.43 -0.59 -0.14	23.59 -0.52 -0.26	25.62 -0.31 -0.91	27.50 -0.09 0.00	27.53 -0.01 0.00	26.61 0.12 0.00	23.69 -0.01 0.00	24.79 0.06 0.00
BROWNSV1_27_KV_LOAD 356125	18.05 1.01 0.00	16.22 0.88 0.00	13.90 0.69 0.00	14.06 0.73 0.00	14.30 0.76 0.00	18.46 1.00 0.00	27.32 1.51 0.00	29.27 1.92 -0.54	26.90 2.01 0.00	22.59 1.81 0.00	21.13 1.72 0.00	19.38 1.61 0.00	16.78 1.45 0.00	18.29 1.55 0.00	18.63 1.64 0.00	21.60 1.85 -2.28	26.65 2.17 -4.59	34.27 2.43 -7.98	54.31 2.22 -27.07	29.93 2.34 0.00	29.78 2.24 0.00	28.63 2.13 0.00	25.47 1.77 0.00	26.09 1.36 0.00
BURROWS___LYONSDAL 23803	17.24 0.20 0.00	15.64 0.30 0.00	13.49 0.27 0.00	13.60 0.27 0.00	13.81 0.27 0.00	17.87 0.41 0.00	26.47 0.66 0.00	27.48 0.65 -0.02	25.34 0.45 0.00	21.01 0.23 0.00	19.51 0.09 0.00	17.87 0.09 0.00	15.37 0.04 0.00	16.72 -0.02 0.00	16.93 -0.05 0.00	17.50 -0.06 -0.09	20.11 0.04 -0.18	24.42 0.24 -0.32	26.62 0.47 -1.14	28.27 0.68 0.00	28.21 0.67 0.00	27.10 0.61 0.00	24.19 0.50 0.00	25.24 0.51 0.00
CAITHNESS_CC_1 323624	18.46 1.43 0.00	16.57 1.23 0.00	14.15 0.94 0.00	14.28 0.95 0.00	14.55 1.01 0.00	18.86 1.40 0.00	28.12 2.32 0.00	30.05 2.70 -0.54	27.54 2.64 0.00	22.99 2.21 0.00	21.51 2.09 0.00	19.73 1.96 0.00	17.03 1.69 0.00	18.65 1.91 0.00	18.92 1.94 0.00	38.33 2.20 -18.65	33.15 2.63 -10.64	35.26 3.04 -8.37	54.93 2.83 -27.08	32.96 3.13 -2.24	37.27 3.03 -6.69	30.40 2.91 -1.00	26.08 2.39 0.00	26.56 1.83 0.00
CALPINE BETH_PAGE_GT4 24209	18.25 1.21 0.00	16.37 1.03 0.00	14.00 0.78 0.00	14.13 0.80 0.00	14.40 0.85 0.00	18.64 1.18 0.00	27.65 1.84 0.00	29.52 2.16 -0.54	27.05 2.16 0.00	22.61 1.83 0.00	21.19 1.77 0.00	19.44 1.67 0.00	16.79 1.46 0.00	18.36 1.63 0.00	18.67 1.69 0.00	37.99 1.87 -18.65	32.77 2.25 -10.64	34.79 2.57 -8.36	54.44 2.35 -27.08	32.36 2.53 -2.23	36.68 2.45 -6.69	29.81 2.33 -0.99	25.63 1.94 0.00	26.26 1.53 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.25 1.21 0.00	16.37 1.04 0.00	14.00 0.78 0.00	14.13 0.80 0.00	14.39 0.85 0.00	18.64 1.18 0.00	27.64 1.83 0.00	29.51 2.16 -0.54	27.05 2.16 0.00	22.61 1.83 0.00	21.19 1.77 0.00	19.44 1.67 0.00	16.79 1.46 0.00	18.37 1.63 0.00	18.67 1.69 0.00	37.99 1.87 -18.65	32.77 2.25 -10.64	34.80 2.58 -8.37	54.45 2.35 -27.08	32.36 2.53 -2.24	36.69 2.45 -6.69	29.80 2.32 -1.00	25.63 1.94 0.00	26.26 1.53 0.00
CALPINE_BP_GT1 23823	18.25 1.21 0.00	16.37 1.04 0.00	14.00 0.78 0.00	14.13 0.80 0.00	14.39 0.85 0.00	18.64 1.18 0.00	27.64 1.83 0.00	29.51 2.16 -0.54	27.05 2.16 0.00	22.61 1.83 0.00	21.19 1.77 0.00	19.44 1.67 0.00	16.79 1.46 0.00	18.37 1.63 0.00	18.67 1.69 0.00	37.99 1.87 -18.65	32.77 2.25 -10.64	34.80 2.58 -8.37	54.45 2.35 -27.08	32.36 2.53 -2.24	36.69 2.45 -6.69	29.80 2.32 -1.00	25.63 1.94 0.00	26.26 1.53 0.00
CALSPAN___DRP 24200	17.51 0.47 0.00	15.66 0.32 0.00	13.48 0.27 0.00	13.56 0.23 0.00	13.71 0.17 0.00	17.85 0.39 0.00	26.52 0.71 0.00	27.40 0.52 -0.07	25.41 0.52 0.00	21.27 0.48 0.00	19.58 0.16 0.00	17.96 0.19 0.00	15.30 -0.04 0.00	16.68 -0.05 0.00	16.78 -0.21 0.00	17.56 -0.15 -0.25	20.00 -0.27 -0.39	24.63 -0.34 -1.12	29.20 -0.36 -4.54	27.31 -0.28 0.00	27.37 -0.17 0.00	26.57 0.08 0.00	24.55 0.86 0.00	25.72 0.99 0.00
CALVERTON___SOLAR 323806	18.58 1.54 0.00	16.67 1.33 0.00	14.24 1.03 0.00	14.37 1.04 0.00	14.64 1.10 0.00	18.98 1.52 0.00	28.36 2.55 0.00	30.30 2.95 -0.54	27.75 2.86 0.00	23.17 2.39 0.00	21.66 2.25 0.00	19.86 2.09 0.00	17.13 1.80 0.00	18.78 2.04 0.00	19.06 2.07 0.00	38.48 2.36 -18.65	33.33 2.80 -10.64	35.50 3.27 -8.37	55.19 3.09 -27.08	33.26 3.42 -2.24	37.55 3.31 -6.69	30.67 3.18 -1.00	26.32 2.63 0.00	26.74 2.01 0.00
CANDIGU_WT_PWR 323617	17.41 0.22 -0.15	15.58 0.17 -0.06	13.50 0.24 -0.05	13.64 0.24 -0.07	13.82 0.18 -0.10	17.93 0.38 -0.09	27.41 0.77 -0.84	28.57 0.62 -1.14	25.51 0.55 -0.06	22.07 0.40 -0.88	19.43 0.01 0.00	17.74 -0.04 0.00	15.10 -0.23 0.00	16.54 -0.20 0.00	16.66 -0.32 0.00	17.56 -0.25 -0.34	20.42 -0.09 -0.63	25.39 0.06 -1.48	31.08 0.09 -5.98	27.65 0.06 0.00	27.91 0.30 -0.07	27.18 0.47 -0.22	25.23 0.80 -0.73	25.94 0.80 -0.41

CARR STREET_E_SYR 24060	17.04 0.00 0.00	15.31 -0.03 0.00	13.19 -0.02 0.00	13.30 -0.03 0.00	13.50 -0.04 0.00	17.48 0.02 0.00	25.90 0.09 0.00	26.94 0.07 -0.05	24.93 0.04 0.00	20.79 0.00 0.00	19.35 -0.07 0.00	17.73 -0.05 0.00	15.26 -0.08 0.00	16.63 -0.12 0.00	16.80 -0.18 0.00	17.52 -0.17 -0.23	20.22 -0.15 -0.48	24.56 -0.16 -0.87	27.87 -0.17 -3.03	27.40 -0.19 0.00	27.37 -0.17 0.00	26.34 -0.15 0.00	23.75 0.06 0.00	24.86 0.13 0.00
CARTHAGE___PAPER 23857	17.24 0.21 0.00	15.72 0.38 0.00	13.56 0.34 0.00	13.66 0.33 0.00	13.86 0.32 0.00	17.96 0.50 0.00	26.71 0.90 0.00	27.70 0.86 -0.03	25.43 0.53 0.00	20.92 0.14 0.00	19.33 -0.09 0.00	17.70 -0.08 0.00	15.19 -0.14 0.00	16.49 -0.25 0.00	16.67 -0.32 0.00	17.23 -0.36 -0.12	19.92 -0.22 -0.25	24.33 0.03 -0.46	27.07 0.45 -1.61	28.49 0.90 0.00	28.47 0.93 0.00	27.35 0.85 0.00	24.36 0.67 0.00	25.39 0.66 0.00
CASSADAGA_WT_PWR 323784	17.39 0.82 0.46	15.72 0.58 0.20	13.61 0.55 0.15	13.62 0.51 0.22	13.67 0.45 0.33	17.98 0.81 0.29	25.91 1.54 1.44	28.26 1.45 0.01	26.29 1.41 0.00	21.92 1.20 0.07	20.21 0.79 0.00	18.49 0.71 0.00	15.73 0.40 0.00	17.20 0.46 0.00	17.31 0.33 0.00	18.13 0.38 -0.27	20.91 0.57 -0.45	25.70 0.66 -1.19	30.39 0.61 -4.77	28.30 0.71 0.00	28.23 0.90 0.21	26.95 1.12 0.66	23.11 1.64 2.22	25.20 1.73 1.25
CE_DUNWOOD___DRP 24194	17.85 0.82 0.00	16.05 0.71 0.00	13.75 0.54 0.00	13.91 0.58 0.00	14.16 0.62 0.00	18.27 0.81 0.00	27.03 1.22 0.00	28.94 1.59 -0.54	26.51 1.62 0.00	22.21 1.43 0.00	20.78 1.36 0.00	19.05 1.27 0.00	16.47 1.14 0.00	17.97 1.23 0.00	18.30 1.32 0.00	21.25 1.51 -2.27	26.25 1.78 -4.58	33.85 2.03 -7.96	53.90 1.87 -27.01	29.52 1.93 0.00	29.40 1.86 0.00	28.22 1.72 0.00	25.09 1.40 0.00	25.73 1.01 0.00
CE_MILLWOOD___DRP 24193	17.83 0.80 0.00	16.03 0.69 0.00	13.73 0.52 0.00	13.90 0.57 0.00	14.15 0.60 0.00	18.25 0.80 0.00	26.98 1.18 0.00	28.89 1.54 -0.54	26.46 1.57 0.00	22.16 1.38 0.00	20.73 1.31 0.00	19.01 1.23 0.00	16.44 1.10 0.00	17.93 1.19 0.00	18.25 1.27 0.00	21.19 1.46 -2.26	26.18 1.73 -4.57	33.77 1.97 -7.94	53.76 1.82 -26.93	29.46 1.87 0.00	29.34 1.80 0.00	28.16 1.67 0.00	25.04 1.35 0.00	25.70 0.97 0.00
CE_NYC2_DRP 24202	17.93 0.89 0.00	16.13 0.79 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.36 0.90 0.00	27.15 1.34 0.00	29.12 1.76 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.11 1.58 -3.12	76.04 1.48 -56.79	21.89 1.33 -5.22	25.49 1.43 -7.32	60.31 1.52 -41.81	48.47 1.72 -29.27	35.13 2.02 -13.22	35.44 2.25 -9.34	54.12 2.03 -27.07	29.71 2.12 0.00	29.58 2.04 0.00	28.43 1.93 0.00	25.29 1.59 0.00	25.91 1.19 0.00
CE_NYC_DRP 24195	17.89 0.86 0.00	16.09 0.75 0.00	13.79 0.58 0.00	13.96 0.62 0.00	14.20 0.66 0.00	18.32 0.86 0.00	27.09 1.28 0.00	29.04 1.68 -0.54	26.68 1.78 0.00	22.40 1.62 0.00	20.97 1.55 0.00	19.23 1.45 0.00	16.65 1.31 0.00	18.14 1.40 0.00	18.48 1.49 0.00	21.44 1.69 -2.28	26.47 1.99 -4.59	34.04 2.21 -7.98	54.07 1.98 -27.07	29.65 2.06 0.00	29.50 1.96 0.00	28.36 1.87 0.00	25.23 1.54 0.00	25.85 1.12 0.00
CHAFFEE___LFGE 323603	17.05 0.44 0.43	15.44 0.29 0.18	13.32 0.24 0.14	13.34 0.22 0.20	13.39 0.15 0.30	17.55 0.36 0.27	25.20 0.72 1.34	27.35 0.52 -0.01	25.43 0.54 0.00	21.22 0.49 0.05	19.57 0.15 0.00	17.95 0.18 0.00	15.32 -0.02 0.00	16.70 -0.04 0.00	16.79 -0.20 0.00	17.61 -0.12 -0.26	20.14 -0.17 -0.43	24.78 -0.23 -1.16	29.43 -0.25 -4.66	27.42 -0.17 0.00	27.32 -0.03 0.19	26.10 0.22 0.61	22.56 0.93 2.07	24.57 1.01 1.17
CHATEAUG_35_KV_LOAD 355732	17.05 0.01 0.00	15.41 0.07 0.00	13.22 0.01 0.00	13.27 -0.06 0.00	13.46 -0.08 0.00	17.33 -0.13 0.00	25.53 -0.28 0.00	26.15 -0.66 0.00	24.42 -0.47 0.00	20.38 -0.40 0.00	18.93 -0.49 0.00	17.21 -0.56 0.00	14.94 -0.40 0.00	16.44 -0.30 0.00	16.77 -0.21 0.00	17.29 -0.18 0.00	19.70 -0.18 0.00	23.65 -0.20 0.00	25.15 0.14 0.00	27.81 0.21 0.00	27.69 0.15 0.00	26.72 0.22 0.00	23.65 -0.05 0.00	24.87 0.15 0.00
CHATEAUG_WT_PWR 323614	17.03 -0.01 0.00	15.40 0.06 0.00	13.21 0.00 0.00	13.26 -0.07 0.00	13.45 -0.10 0.00	17.30 -0.16 0.00	25.48 -0.33 0.00	26.09 -0.73 0.00	24.38 -0.51 0.00	20.35 -0.43 0.00	18.89 -0.53 0.00	17.18 -0.59 0.00	14.92 -0.42 0.00	16.42 -0.32 0.00	16.75 -0.23 0.00	17.29 -0.18 0.00	19.69 -0.19 0.00	23.62 -0.23 0.00	25.14 0.12 0.00	27.79 0.20 0.00	27.67 0.13 0.00	26.70 0.21 0.00	23.64 -0.06 0.00	24.84 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	17.05 0.01 0.00	15.41 0.07 0.00	13.22 0.01 0.00	13.27 -0.06 0.00	13.46 -0.08 0.00	17.33 -0.13 0.00	25.53 -0.28 0.00	26.15 -0.66 0.00	24.42 -0.47 0.00	20.38 -0.41 0.00	18.93 -0.49 0.00	17.21 -0.56 0.00	14.94 -0.40 0.00	16.44 -0.30 0.00	16.77 -0.21 0.00	17.29 -0.18 0.00	19.70 -0.19 0.00	23.65 -0.21 0.00	25.15 0.14 0.00	27.81 0.22 0.00	27.69 0.15 0.00	26.71 0.22 0.00	23.65 -0.05 0.00	24.87 0.14 0.00
CHAUTAUQUA___LFGE 323629	17.22 0.64 0.45	15.58 0.43 0.19	13.49 0.42 0.14	13.49 0.38 0.21	13.52 0.29 0.32	17.76 0.58 0.28	25.53 1.11 1.39	27.78 0.96 0.00	25.82 0.93 0.00	21.52 0.80 0.06	19.85 0.43 0.00	18.19 0.42 0.00	15.50 0.17 0.00	16.93 0.19 0.00	17.03 0.05 0.00	17.85 0.12 -0.27	20.48 0.17 -0.43	25.18 0.16 -1.17	29.82 0.11 -4.70	27.75 0.17 0.00	27.68 0.34 0.20	26.43 0.57 0.64	22.70 1.16 2.15	24.76 1.25 1.21
CHERRYST_13_KV_LD 356241	17.94 0.90 0.00	16.13 0.79 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.23 0.69 0.00	18.37 0.91 0.00	27.16 1.36 0.00	29.11 1.76 -0.54	26.76 1.87 0.00	22.48 1.70 0.00	21.04 1.63 0.00	19.30 1.52 0.00	16.71 1.37 0.00	18.21 1.47 0.00	18.54 1.56 0.00	21.51 1.76 -2.28	26.55 2.07 -4.59	34.14 2.30 -7.98	54.16 2.07 -27.07	29.74 2.15 0.00	29.58 2.04 0.00	28.43 1.93 0.00	25.29 1.60 0.00	25.92 1.19 0.00
CHESTROR_138KV_BK263 355645	17.69 0.66 0.00	15.90 0.56 0.00	13.63 0.42 0.00	13.80 0.47 0.00	14.04 0.50 0.00	18.12 0.66 0.00	26.80 1.00 0.00	28.60 1.29 -0.50	26.18 1.29 0.00	21.90 1.12 0.00	20.47 1.06 0.00	18.76 0.98 0.00	16.22 0.89 0.00	17.70 0.96 0.00	18.01 1.03 0.00	20.74 1.19 -2.09	25.51 1.42 -4.21	32.80 1.64 -7.31	51.33 1.52 -24.80	29.13 1.54 0.00	29.03 1.49 0.00	27.86 1.37 0.00	24.79 1.10 0.00	25.50 0.77 0.00
CH_MIDHUDSON___DRP 24192	17.85 0.81 0.00	16.05 0.71 0.00	13.76 0.55 0.00	13.92 0.59 0.00	14.17 0.63 0.00	18.29 0.83 0.00	27.02 1.21 0.00	28.94 1.58 -0.55	26.45 1.55 0.00	22.11 1.33 0.00	20.66 1.24 0.00	18.92 1.14 0.00	16.36 1.02 0.00	17.83 1.10 0.00	18.17 1.18 0.00	21.16 1.37 -2.33	26.22 1.64 -4.69	33.93 1.93 -8.15	54.50 1.84 -27.65	29.49 1.90 0.00	29.39 1.85 0.00	28.18 1.68 0.00	25.04 1.35 0.00	25.68 0.96 0.00

CH_MISC_IPPS 23765	17.95 0.91 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.24 0.69 0.00	18.39 0.93 0.00	27.19 1.39 0.00	29.11 1.76 -0.54	26.60 1.71 0.00	22.25 1.46 0.00	20.78 1.36 0.00	19.04 1.26 0.00	16.45 1.12 0.00	17.95 1.22 0.00	18.28 1.30 0.00	21.25 1.49 -2.29	26.29 1.79 -4.61	33.98 2.12 -8.01	54.21 2.02 -27.18	29.68 2.09 0.00	29.58 2.04 0.00	28.35 1.86 0.00	25.20 1.50 0.00	25.85 1.12 0.00
CH_RES_BVR_FALLS 23983	16.89 -0.15 0.00	15.22 -0.12 0.00	13.11 -0.10 0.00	13.22 -0.11 0.00	13.42 -0.12 0.00	17.27 -0.19 0.00	25.51 -0.29 0.00	26.39 -0.42 0.00	24.51 -0.38 0.00	20.48 -0.30 0.00	19.16 -0.26 0.00	17.52 -0.25 0.00	15.12 -0.21 0.00	16.55 -0.19 0.00	16.79 -0.19 0.00	17.23 -0.24 0.00	19.61 -0.28 0.00	23.54 -0.31 0.00	24.69 -0.32 0.00	27.28 -0.31 0.00	27.22 -0.32 0.00	26.22 -0.27 0.00	23.40 -0.29 0.00	24.54 -0.19 0.00
CH_RES_NIAGARA 23895	16.78 0.10 0.36	15.19 0.00 0.15	13.05 -0.04 0.11	13.08 -0.08 0.17	13.14 -0.15 0.25	17.20 -0.04 0.22	24.72 0.00 1.09	26.61 -0.27 -0.07	24.60 -0.30 0.00	20.58 -0.20 0.00	18.97 -0.44 0.00	17.41 -0.36 0.00	14.87 -0.47 0.00	16.14 -0.60 0.00	16.21 -0.77 0.00	16.93 -0.77 -0.23	19.10 -1.12 -0.33	23.32 -1.56 -1.03	27.53 -1.67 -4.19	25.89 -1.70 0.00	25.77 -1.60 0.16	24.71 -1.28 0.51	21.83 -0.15 1.71	23.79 0.02 0.97
CH_RES_SYRACUSE 23985	17.22 0.18 0.00	15.48 0.14 0.00	13.33 0.12 0.00	13.44 0.11 0.00	13.66 0.12 0.00	17.69 0.23 0.00	26.19 0.38 0.00	27.23 0.35 -0.06	25.16 0.27 0.00	20.97 0.19 0.00	19.51 0.09 0.00	17.88 0.10 0.00	15.38 0.05 0.00	16.76 0.02 0.00	16.93 -0.05 0.00	17.68 -0.04 -0.24	20.59 0.19 -0.51	25.10 0.31 -0.94	28.60 0.21 -3.37	27.82 0.23 0.00	27.78 0.24 0.00	26.72 0.23 0.00	24.17 0.48 0.00	25.51 0.78 0.00
CLINTON_WT_PWR 323605	17.03 -0.01 0.00	15.40 0.06 0.00	13.21 0.00 0.00	13.26 -0.07 0.00	13.45 -0.10 0.00	17.30 -0.16 0.00	25.48 -0.33 0.00	26.09 -0.73 0.00	24.38 -0.51 0.00	20.35 -0.43 0.00	18.89 -0.53 0.00	17.18 -0.59 0.00	14.92 -0.42 0.00	16.42 -0.32 0.00	16.75 -0.23 0.00	17.29 -0.18 0.00	19.69 -0.19 0.00	23.62 -0.23 0.00	25.14 0.12 0.00	27.79 0.20 0.00	27.67 0.13 0.00	26.70 0.21 0.00	23.64 -0.06 0.00	24.84 0.11 0.00
CLINTON__LFGE 323618	17.22 0.18 0.00	15.58 0.24 0.00	13.36 0.15 0.00	13.40 0.07 0.00	13.58 0.04 0.00	17.47 0.01 0.00	25.76 -0.05 0.00	26.36 -0.46 0.00	24.64 -0.25 0.00	20.55 -0.23 0.00	19.08 -0.34 0.00	17.37 -0.41 0.00	15.05 -0.28 0.00	16.57 -0.17 0.00	16.90 -0.08 0.00	17.48 0.01 0.00	19.88 0.00 0.00	23.84 -0.01 0.00	25.47 0.45 0.00	28.17 0.57 0.00	28.05 0.51 0.00	27.08 0.58 0.00	23.92 0.22 0.00	25.11 0.38 0.00
COBBLENY_34_KV_TB1 80064	17.48 0.44 0.00	15.63 0.29 0.00	13.46 0.24 0.00	13.54 0.21 0.00	13.69 0.15 0.00	17.82 0.36 0.00	26.51 0.71 0.00	27.41 0.52 -0.08	25.43 0.54 0.00	21.27 0.49 0.00	19.57 0.15 0.00	17.95 0.18 0.00	15.29 -0.04 0.00	16.70 -0.04 0.00	16.79 -0.20 0.00	17.60 -0.13 -0.26	20.10 -0.21 -0.43	24.78 -0.24 -1.16	29.44 -0.24 -4.66	27.43 -0.16 0.00	27.52 -0.02 0.00	26.70 0.21 0.00	24.63 0.93 0.00	25.73 1.00 0.00
COFFEEN__115KV_TB3 355620	17.42 0.38 0.00	15.87 0.53 0.00	13.68 0.47 0.00	13.79 0.46 0.00	14.01 0.47 0.00	18.18 0.73 0.00	27.07 1.26 0.00	28.09 1.24 -0.03	25.74 0.84 0.00	21.13 0.35 0.00	19.48 0.06 0.00	17.83 0.06 0.00	15.29 -0.04 0.00	16.55 -0.19 0.00	16.73 -0.25 0.00	17.31 -0.30 -0.14	20.05 -0.12 -0.29	24.50 0.13 -0.52	27.49 0.64 -1.84	28.89 1.30 0.00	28.87 1.33 0.00	27.67 1.17 0.00	24.67 0.98 0.00	25.70 0.97 0.00
COLDSPRG_115KV_BK1 355956	18.07 1.03 0.00	16.12 0.78 0.00	13.93 0.72 0.00	14.02 0.69 0.00	14.20 0.65 0.00	18.51 1.05 0.00	27.64 1.83 0.00	28.69 1.79 -0.08	26.64 1.75 0.00	22.29 1.50 0.00	20.43 1.02 0.00	18.70 0.93 0.00	15.90 0.57 0.00	17.39 0.65 0.00	17.51 0.53 0.00	18.25 0.49 -0.29	21.15 0.77 -0.49	26.04 0.96 -1.23	30.85 0.95 -4.88	28.68 1.09 0.00	28.81 1.27 0.00	28.01 1.52 0.00	25.72 2.03 0.00	26.85 2.12 0.00
COLONIE_LFGE__ 323577	17.65 0.61 0.00	15.91 0.57 0.00	13.67 0.46 0.00	13.80 0.47 0.00	14.06 0.52 0.00	18.12 0.67 0.00	26.71 0.90 0.00	28.71 1.23 -0.66	25.95 1.06 0.00	21.57 0.79 0.00	20.08 0.66 0.00	18.36 0.59 0.00	15.89 0.56 0.00	17.30 0.56 0.00	17.64 0.66 0.00	21.03 0.76 -2.80	26.47 0.94 -5.64	34.94 1.27 -9.82	59.63 1.32 -33.30	28.91 1.32 0.00	28.86 1.32 0.00	27.69 1.20 0.00	24.61 0.92 0.00	25.34 0.61 0.00
COOPERNY_115KV_TB1 80082	17.33 0.29 0.00	15.58 0.24 0.00	13.40 0.19 0.00	13.54 0.21 0.00	13.76 0.22 0.00	17.76 0.30 0.00	26.23 0.43 0.00	27.74 0.61 -0.32	25.52 0.62 0.00	21.35 0.56 0.00	19.94 0.53 0.00	18.27 0.49 0.00	15.77 0.44 0.00	17.20 0.46 0.00	17.49 0.50 0.00	19.43 0.61 -1.36	23.35 0.72 -2.74	29.43 0.82 -4.76	42.10 0.97 -16.12	28.71 1.12 0.00	28.64 1.10 0.00	27.52 1.02 0.00	24.51 0.82 0.00	25.30 0.57 0.00
COPENHAGEN_WT_PWR 323753	17.22 0.18 0.00	15.74 0.40 0.00	13.57 0.36 0.00	13.68 0.34 0.00	13.89 0.35 0.00	18.02 0.56 0.00	26.81 1.01 0.00	27.82 0.97 -0.03	25.53 0.64 0.00	21.03 0.25 0.00	19.42 0.00 0.00	17.75 -0.03 0.00	15.23 -0.10 0.00	16.50 -0.24 0.00	16.65 -0.33 0.00	17.24 -0.37 -0.14	20.00 -0.19 -0.30	24.45 0.06 -0.54	27.38 0.46 -1.90	28.56 0.97 0.00	28.54 1.00 0.00	27.38 0.89 0.00	24.43 0.74 0.00	25.44 0.71 0.00
CORNELL____ 23752	17.47 0.43 0.00	15.68 0.34 0.00	13.54 0.32 0.00	13.65 0.31 0.00	13.84 0.29 0.00	17.95 0.49 0.00	26.65 0.84 0.00	27.84 0.91 -0.11	25.66 0.77 0.00	21.30 0.52 0.00	19.73 0.31 0.00	18.04 0.26 0.00	15.51 0.18 0.00	16.93 0.19 0.00	17.12 0.13 0.00	18.11 0.17 -0.46	21.23 0.40 -0.95	26.24 0.62 -1.76	31.97 0.72 -6.23	28.43 0.84 0.00	28.41 0.87 0.00	27.32 0.82 0.00	24.57 0.88 0.00	25.62 0.89 0.00
CORONAAV_69_KV_TB1 355595	18.24 1.20 0.00	16.37 1.03 0.00	14.00 0.78 0.00	14.14 0.80 0.00	14.40 0.86 0.00	18.64 1.19 0.00	27.61 1.80 0.00	29.50 2.14 -0.54	27.03 2.14 0.00	22.63 1.85 0.00	21.22 1.80 0.00	19.46 1.69 0.00	16.80 1.47 0.00	18.35 1.61 0.00	18.66 1.68 0.00	38.01 1.89 -18.65	32.80 2.27 -10.64	34.83 2.62 -8.36	54.52 2.43 -27.08	32.43 2.61 -2.23	36.75 2.51 -6.69	29.86 2.37 -0.99	25.64 1.94 0.00	26.32 1.59 0.00
CORTLAND_115KV_TB3 80093	17.33 0.29 0.00	15.57 0.23 0.00	13.43 0.22 0.00	13.54 0.21 0.00	13.74 0.20 0.00	17.79 0.33 0.00	26.39 0.59 0.00	27.57 0.65 -0.10	25.44 0.55 0.00	21.17 0.38 0.00	19.65 0.24 0.00	18.00 0.23 0.00	15.49 0.16 0.00	16.90 0.16 0.00	17.11 0.12 0.00	18.02 0.15 -0.40	21.01 0.29 -0.83	25.76 0.41 -1.50	30.63 0.47 -5.15	28.14 0.55 0.00	28.14 0.59 0.00	27.05 0.55 0.00	24.30 0.60 0.00	25.31 0.59 0.00

COXSACKIE___GT 23611	17.97 0.93 0.00	16.19 0.85 0.00	13.96 0.75 0.00	14.09 0.76 0.00	14.35 0.80 0.00	18.48 1.02 0.00	27.46 1.66 0.00	29.46 2.02 -0.62	26.50 1.61 0.00	21.76 0.98 0.00	20.16 0.74 0.00	18.43 0.65 0.00	15.95 0.62 0.00	17.42 0.69 0.00	17.71 0.72 0.00	20.92 0.82 -2.62	26.25 1.08 -5.29	34.70 1.66 -9.19	58.19 1.98 -31.19	29.86 2.27 0.00	29.77 2.23 0.00	28.51 2.01 0.00	25.27 1.58 0.00	25.90 1.17 0.00
CPV_VALLEY___CC1 323721	17.16 0.12 0.00	15.43 0.09 0.00	13.27 0.06 0.00	13.41 0.08 0.00	13.63 0.09 0.00	17.58 0.12 0.00	25.91 0.10 0.00	27.41 0.29 -0.31	25.22 0.33 0.00	21.11 0.33 0.00	19.75 0.33 0.00	18.09 0.31 0.00	15.62 0.29 0.00	17.05 0.31 0.00	17.34 0.35 0.00	19.22 0.45 -1.30	23.03 0.52 -2.63	29.00 0.58 -4.57	41.46 0.98 -15.46	28.88 1.29 0.00	28.79 1.25 0.00	27.63 1.14 0.00	24.59 0.90 0.00	25.32 0.59 0.00
CPV_VALLEY___CC2 323722	17.16 0.12 0.00	15.43 0.09 0.00	13.27 0.06 0.00	13.41 0.08 0.00	13.63 0.09 0.00	17.58 0.12 0.00	25.91 0.10 0.00	27.41 0.29 -0.31	25.22 0.33 0.00	21.11 0.33 0.00	19.75 0.33 0.00	18.09 0.31 0.00	15.62 0.29 0.00	17.05 0.31 0.00	17.34 0.35 0.00	19.22 0.45 -1.30	23.03 0.52 -2.63	29.00 0.58 -4.57	41.46 0.98 -15.46	28.88 1.29 0.00	28.79 1.25 0.00	27.63 1.14 0.00	24.59 0.90 0.00	25.32 0.59 0.00
CRESCENT___HYD 24018	17.65 0.61 0.00	15.91 0.57 0.00	13.67 0.46 0.00	13.80 0.47 0.00	14.06 0.52 0.00	18.12 0.67 0.00	26.71 0.90 0.00	28.71 1.23 -0.66	25.95 1.06 0.00	21.57 0.79 0.00	20.08 0.66 0.00	18.36 0.59 0.00	15.89 0.56 0.00	17.30 0.56 0.00	17.64 0.66 0.00	21.03 0.76 -2.80	26.47 0.94 -5.64	34.94 1.27 -9.82	59.63 1.32 -33.30	28.91 1.32 0.00	28.86 1.32 0.00	27.69 1.20 0.00	24.61 0.92 0.00	25.34 0.61 0.00
CRICKET___VALLEY_CC1 323756	17.65 0.62 0.00	15.90 0.56 0.00	13.63 0.42 0.00	13.78 0.45 0.00	14.03 0.49 0.00	18.10 0.65 0.00	26.68 0.87 0.00	28.65 1.26 -0.57	26.13 1.23 0.00	21.83 1.05 0.00	20.39 0.97 0.00	18.66 0.89 0.00	16.13 0.80 0.00	17.59 0.85 0.00	17.93 0.95 0.00	20.97 1.11 -2.39	26.06 1.35 -4.82	33.86 1.62 -8.39	55.02 1.55 -28.45	29.16 1.57 0.00	29.06 1.52 0.00	27.84 1.34 0.00	24.72 1.03 0.00	25.28 0.55 0.00
CRICKET___VALLEY_CC2 323757	17.65 0.62 0.00	15.90 0.56 0.00	13.63 0.42 0.00	13.78 0.45 0.00	14.03 0.49 0.00	18.10 0.65 0.00	26.68 0.87 0.00	28.65 1.26 -0.57	26.13 1.23 0.00	21.83 1.05 0.00	20.39 0.97 0.00	18.66 0.89 0.00	16.13 0.80 0.00	17.59 0.85 0.00	17.93 0.95 0.00	20.97 1.11 -2.39	26.06 1.35 -4.82	33.86 1.62 -8.39	55.02 1.55 -28.45	29.16 1.57 0.00	29.06 1.52 0.00	27.84 1.34 0.00	24.72 1.03 0.00	25.28 0.55 0.00
CRICKET___VALLEY_CC3 323758	17.65 0.62 0.00	15.90 0.56 0.00	13.63 0.42 0.00	13.78 0.45 0.00	14.03 0.49 0.00	18.10 0.65 0.00	26.68 0.87 0.00	28.65 1.26 -0.57	26.13 1.23 0.00	21.83 1.05 0.00	20.39 0.97 0.00	18.66 0.89 0.00	16.13 0.80 0.00	17.59 0.85 0.00	17.93 0.95 0.00	20.97 1.11 -2.39	26.06 1.35 -4.82	33.86 1.62 -8.39	55.02 1.55 -28.45	29.16 1.57 0.00	29.06 1.52 0.00	27.84 1.34 0.00	24.72 1.03 0.00	25.28 0.55 0.00
CRUCIBLE_METL_DRP 24180	17.22 0.18 0.00	15.48 0.14 0.00	13.33 0.12 0.00	13.44 0.11 0.00	13.66 0.11 0.00	17.69 0.23 0.00	26.18 0.37 0.00	27.23 0.35 -0.06	25.16 0.27 0.00	20.97 0.19 0.00	19.51 0.09 0.00	17.88 0.10 0.00	15.38 0.05 0.00	16.76 0.02 0.00	16.93 -0.05 0.00	17.68 -0.04 -0.24	20.59 0.19 -0.51	25.10 0.31 -0.94	28.60 0.21 -3.37	27.83 0.24 0.00	27.78 0.24 0.00	26.71 0.22 0.00	24.17 0.48 0.00	25.51 0.78 0.00
DAHOWA___HYDRO 323763	17.98 0.94 0.00	16.21 0.87 0.00	13.92 0.72 0.00	14.04 0.71 0.00	14.32 0.77 0.00	18.54 1.09 0.00	27.44 1.63 0.00	29.49 2.00 -0.67	26.60 1.71 0.00	22.04 1.26 0.00	20.48 1.06 0.00	18.69 0.91 0.00	16.13 0.80 0.00	17.52 0.78 0.00	17.86 0.87 0.00	21.31 1.01 -2.83	26.79 1.20 -5.70	35.38 1.61 -9.92	60.34 1.69 -33.64	29.28 1.69 0.00	29.25 1.71 0.00	28.04 1.54 0.00	25.10 1.40 0.00	25.94 1.21 0.00
DANC___LFGE 323619	17.20 0.17 0.00	15.62 0.28 0.00	13.46 0.25 0.00	13.57 0.24 0.00	13.79 0.24 0.00	17.87 0.41 0.00	26.58 0.77 0.00	27.60 0.75 -0.04	25.39 0.50 0.00	20.99 0.21 0.00	19.44 0.02 0.00	17.78 0.01 0.00	15.27 -0.06 0.00	16.57 -0.17 0.00	16.73 -0.26 0.00	17.36 -0.28 -0.17	20.10 -0.14 -0.35	24.52 0.03 -0.64	27.56 0.30 -2.24	28.24 0.65 0.00	28.21 0.67 0.00	27.09 0.60 0.00	24.27 0.57 0.00	25.31 0.58 0.00
DANSKAMMER___1 23586	17.95 0.91 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.24 0.69 0.00	18.39 0.93 0.00	27.19 1.39 0.00	29.11 1.76 -0.54	26.60 1.71 0.00	22.25 1.46 0.00	20.78 1.36 0.00	19.04 1.26 0.00	16.45 1.12 0.00	17.95 1.22 0.00	18.28 1.30 0.00	21.25 1.49 -2.29	26.29 1.79 -4.61	33.98 2.12 -8.01	54.21 2.02 -27.18	29.68 2.09 0.00	29.58 2.04 0.00	28.35 1.86 0.00	25.20 1.50 0.00	25.85 1.12 0.00
DANSKAMMER___2 23589	17.95 0.91 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.24 0.69 0.00	18.39 0.93 0.00	27.19 1.39 0.00	29.11 1.76 -0.54	26.60 1.71 0.00	22.25 1.46 0.00	20.78 1.36 0.00	19.04 1.26 0.00	16.45 1.12 0.00	17.95 1.22 0.00	18.28 1.30 0.00	21.25 1.49 -2.29	26.29 1.79 -4.61	33.98 2.12 -8.01	54.21 2.02 -27.18	29.68 2.09 0.00	29.58 2.04 0.00	28.35 1.86 0.00	25.20 1.50 0.00	25.85 1.12 0.00
DANSKAMMER___3 23590	17.95 0.91 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.24 0.69 0.00	18.39 0.93 0.00	27.19 1.39 0.00	29.11 1.76 -0.54	26.60 1.71 0.00	22.25 1.46 0.00	20.78 1.36 0.00	19.04 1.26 0.00	16.45 1.12 0.00	17.95 1.22 0.00	18.28 1.30 0.00	21.25 1.49 -2.29	26.29 1.79 -4.61	33.98 2.12 -8.01	54.21 2.02 -27.18	29.68 2.09 0.00	29.58 2.04 0.00	28.35 1.86 0.00	25.20 1.50 0.00	25.85 1.12 0.00
DANSKAMMER___4 23591	17.95 0.91 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.24 0.69 0.00	18.39 0.93 0.00	27.19 1.39 0.00	29.11 1.76 -0.54	26.60 1.71 0.00	22.25 1.46 0.00	20.78 1.36 0.00	19.04 1.26 0.00	16.45 1.12 0.00	17.95 1.22 0.00	18.28 1.30 0.00	21.25 1.49 -2.29	26.29 1.79 -4.61	33.98 2.12 -8.01	54.21 2.02 -27.18	29.68 2.09 0.00	29.58 2.04 0.00	28.35 1.86 0.00	25.20 1.50 0.00	25.85 1.12 0.00
DANSKAMMER___DIESEL 23592	17.95 0.91 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.24 0.70 0.00	18.39 0.93 0.00	27.20 1.39 0.00	29.11 1.76 -0.54	26.60 1.71 0.00	22.25 1.46 0.00	20.78 1.36 0.00	19.04 1.26 0.00	16.46 1.13 0.00	17.95 1.21 0.00	18.28 1.30 0.00	21.25 1.49 -2.29	26.29 1.79 -4.61	33.98 2.12 -8.01	54.21 2.02 -27.18	29.68 2.09 0.00	29.58 2.04 0.00	28.36 1.86 0.00	25.20 1.50 0.00	25.85 1.13 0.00

DARBY___SOLAR 323810	17.93 0.89 0.00	16.17 0.83 0.00	13.88 0.67 0.00	14.00 0.67 0.00	14.28 0.73 0.00	18.47 1.01 0.00	27.32 1.51 0.00	29.35 1.86 -0.67	26.47 1.58 0.00	21.95 1.17 0.00	20.39 0.98 0.00	18.62 0.85 0.00	16.07 0.74 0.00	17.47 0.73 0.00	17.81 0.82 0.00	21.25 0.96 -2.83	26.73 1.15 -5.69	35.31 1.55 -9.90	60.23 1.62 -33.60	29.21 1.62 0.00	29.18 1.64 0.00	27.98 1.49 0.00	25.02 1.32 0.00	25.86 1.13 0.00
DASHVILLE___HYD 23610	17.85 0.81 0.00	16.05 0.71 0.00	13.75 0.53 0.00	13.91 0.58 0.00	14.15 0.61 0.00	18.28 0.82 0.00	26.97 1.16 0.00	28.89 1.53 -0.55	26.43 1.54 0.00	22.10 1.32 0.00	20.65 1.23 0.00	18.92 1.14 0.00	16.34 1.01 0.00	17.84 1.10 0.00	18.17 1.18 0.00	21.13 1.34 -2.32	26.14 1.58 -4.68	33.84 1.85 -8.13	54.35 1.75 -27.59	29.41 1.81 0.00	29.33 1.79 0.00	28.09 1.59 0.00	24.96 1.27 0.00	25.65 0.92 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	18.88 1.84 0.00	16.94 1.60 0.00	14.47 1.26 0.00	14.61 1.28 0.00	14.89 1.35 0.00	19.32 1.86 0.00	29.08 3.27 0.00	31.02 3.66 -0.54	28.42 3.53 0.00	23.76 2.98 0.00	22.21 2.79 0.00	20.37 2.59 0.00	17.56 2.23 0.00	19.25 2.51 0.00	19.54 2.56 0.00	39.00 2.87 -18.65	33.89 3.37 -10.64	36.20 3.99 -8.36	55.91 3.82 -27.08	34.01 4.19 -2.23	38.30 4.07 -6.69	31.44 3.95 -0.99	26.94 3.25 0.00	27.19 2.47 0.00
DELAWARE___LFGE 323621	17.47 0.44 0.00	15.72 0.38 0.00	13.54 0.33 0.00	13.68 0.35 0.00	13.90 0.35 0.00	17.93 0.47 0.00	26.54 0.73 0.00	27.97 0.91 -0.25	25.76 0.86 0.00	21.50 0.72 0.00	20.04 0.62 0.00	18.35 0.58 0.00	15.84 0.51 0.00	17.27 0.53 0.00	17.54 0.55 0.00	19.14 0.64 -1.03	22.75 0.78 -2.09	28.42 0.92 -3.64	38.30 0.98 -12.31	28.64 1.05 0.00	28.62 1.07 0.00	27.48 0.98 0.00	24.52 0.83 0.00	25.37 0.64 0.00
DERFIELD_115KV_TB7 355931	17.07 0.03 0.00	15.37 0.03 0.00	13.24 0.02 0.00	13.36 0.03 0.00	13.58 0.04 0.00	17.51 0.05 0.00	25.86 0.06 0.00	26.92 0.11 0.00	24.99 0.10 0.00	20.86 0.08 0.00	19.48 0.06 0.00	17.83 0.05 0.00	15.39 0.05 0.00	16.79 0.05 0.00	17.03 0.05 0.00	17.53 0.06 0.00	19.96 0.08 0.00	23.95 0.09 0.00	25.11 0.10 0.00	27.69 0.10 0.00	27.63 0.08 0.00	26.58 0.08 0.00	23.76 0.07 0.00	24.74 0.01 0.00
DOGLEVILLE___HYD 23807	17.00 -0.04 0.00	15.36 0.02 0.00	13.23 0.01 0.00	13.32 -0.01 0.00	13.55 0.01 0.00	17.53 0.08 0.00	25.73 -0.08 0.00	27.07 0.25 0.00	25.03 0.14 0.00	20.66 -0.12 0.00	19.24 -0.17 0.00	17.55 -0.22 0.00	15.13 -0.20 0.00	16.51 -0.23 0.00	16.83 -0.15 0.00	17.44 -0.03 0.00	19.95 0.07 0.00	24.12 0.27 0.00	25.35 0.34 0.00	27.83 0.23 0.00	27.82 0.28 0.00	26.75 0.26 0.00	23.79 0.10 0.00	24.46 -0.26 0.00
DUNKIRK___115KV_TB_200 55889	17.64 0.60 0.00	15.75 0.41 0.00	13.61 0.40 0.00	13.68 0.35 0.00	13.80 0.26 0.00	18.00 0.54 0.00	26.83 1.03 0.00	27.78 0.89 -0.08	25.75 0.85 0.00	21.52 0.74 0.00	19.80 0.38 0.00	18.15 0.37 0.00	15.45 0.12 0.00	16.89 0.15 0.00	16.99 0.01 0.00	17.81 0.07 -0.26	20.40 0.08 -0.43	25.10 0.08 -1.17	29.74 0.04 -4.69	27.68 0.09 0.00	27.81 0.27 0.00	26.97 0.47 0.00	24.80 1.11 0.00	25.91 1.18 0.00
DUNKIRK___1 23563	17.64 0.60 0.00	15.75 0.41 0.00	13.61 0.40 0.00	13.68 0.35 0.00	13.80 0.26 0.00	18.00 0.54 0.00	26.83 1.03 0.00	27.78 0.89 -0.08	25.75 0.85 0.00	21.52 0.74 0.00	19.80 0.38 0.00	18.15 0.37 0.00	15.45 0.12 0.00	16.89 0.15 0.00	16.99 0.01 0.00	17.81 0.07 -0.26	20.40 0.08 -0.43	25.10 0.08 -1.17	29.74 0.04 -4.69	27.68 0.09 0.00	27.81 0.27 0.00	26.97 0.47 0.00	24.80 1.11 0.00	25.91 1.18 0.00
DUNKIRK___2 23564	17.64 0.60 0.00	15.75 0.41 0.00	13.61 0.40 0.00	13.68 0.35 0.00	13.80 0.26 0.00	18.00 0.54 0.00	26.83 1.03 0.00	27.78 0.89 -0.08	25.75 0.85 0.00	21.52 0.74 0.00	19.80 0.38 0.00	18.15 0.37 0.00	15.45 0.12 0.00	16.89 0.15 0.00	16.99 0.01 0.00	17.81 0.07 -0.26	20.40 0.08 -0.43	25.10 0.08 -1.17	29.74 0.04 -4.69	27.68 0.09 0.00	27.81 0.27 0.00	26.97 0.47 0.00	24.80 1.11 0.00	25.91 1.18 0.00
DUNKIRK___3 23565	17.59 0.55 0.00	15.70 0.37 0.00	13.58 0.37 0.00	13.64 0.31 0.00	13.77 0.23 0.00	17.94 0.48 0.00	26.72 0.92 0.00	27.67 0.78 -0.08	25.64 0.75 0.00	21.44 0.66 0.00	19.72 0.30 0.00	18.07 0.30 0.00	15.39 0.06 0.00	16.82 0.09 0.00	16.93 -0.06 0.00	17.73 0.00 -0.26	20.33 0.01 -0.43	25.01 0.00 -1.17	29.64 -0.06 -4.69	27.55 -0.04 0.00	27.69 0.15 0.00	26.88 0.38 0.00	24.69 1.00 0.00	25.80 1.08 0.00
DUNKIRK___4 23566	17.61 0.57 0.00	15.73 0.39 0.00	13.58 0.37 0.00	13.65 0.32 0.00	13.78 0.24 0.00	17.96 0.51 0.00	26.76 0.95 0.00	27.69 0.80 -0.08	25.67 0.78 0.00	21.47 0.68 0.00	19.74 0.33 0.00	18.10 0.33 0.00	15.41 0.08 0.00	16.84 0.10 0.00	16.94 -0.05 0.00	17.74 0.01 -0.26	20.28 -0.02 -0.41	24.96 -0.04 -1.14	29.56 -0.07 -4.61	27.58 -0.01 0.00	27.69 0.14 0.00	26.87 0.38 0.00	24.74 1.05 0.00	25.86 1.14 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	17.89 0.86 0.00	16.08 0.74 0.00	13.77 0.56 0.00	13.93 0.60 0.00	14.18 0.64 0.00	18.30 0.84 0.00	27.06 1.26 0.00	28.98 1.62 -0.54	26.57 1.68 0.00	22.27 1.49 0.00	20.84 1.42 0.00	19.10 1.33 0.00	16.53 1.20 0.00	18.03 1.29 0.00	18.35 1.37 0.00	21.31 1.57 -2.28	26.32 1.84 -4.59	33.93 2.10 -7.98	54.01 1.93 -27.07	29.59 2.00 0.00	29.47 1.93 0.00	28.29 1.80 0.00	25.16 1.46 0.00	25.80 1.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	17.85 0.81 0.00	16.05 0.71 0.00	13.75 0.54 0.00	13.92 0.59 0.00	14.16 0.62 0.00	18.28 0.83 0.00	27.04 1.24 0.00	28.91 1.57 -0.53	26.45 1.56 0.00	22.12 1.33 0.00	20.67 1.25 0.00	18.94 1.16 0.00	16.37 1.04 0.00	17.86 1.13 0.00	18.18 1.20 0.00	21.07 1.38 -2.22	26.01 1.65 -4.48	33.57 1.94 -7.78	53.21 1.82 -26.38	29.45 1.86 0.00	29.34 1.80 0.00	28.14 1.65 0.00	25.02 1.33 0.00	25.70 0.97 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	17.87 0.83 0.00	16.10 0.76 0.00	13.80 0.59 0.00	13.97 0.64 0.00	14.21 0.67 0.00	18.33 0.88 0.00	27.10 1.30 0.00	29.06 1.70 -0.54	26.66 1.76 -0.01	22.35 1.56 -0.01	20.90 1.48 0.00	19.17 1.39 -0.01	16.59 1.26 0.00	18.09 1.35 -0.01	18.43 1.44 -0.01	21.38 1.63 -2.28	26.40 1.92 -4.59	33.98 2.15 -7.99	54.01 1.93 -27.07	29.60 2.01 0.00	29.47 1.93 0.00	28.32 1.83 0.00	25.20 1.50 0.00	25.83 1.11 0.00
E179THST_13_KV_LOAD 356214	17.95 0.91 0.00	16.17 0.83 0.00	13.86 0.65 0.00	14.02 0.69 0.00	14.26 0.72 0.00	18.40 0.95 0.00	27.22 1.41 0.00	29.18 1.83 -0.54	26.78 1.88 -0.01	22.45 1.66 -0.01	21.00 1.58 0.00	19.26 1.48 -0.01	16.67 1.33 0.00	18.18 1.43 -0.01	18.51 1.52 -0.01	21.47 1.73 -2.28	26.50 2.02 -4.59	34.11 2.27 -7.99	54.16 2.07 -27.07	29.74 2.15 0.00	29.61 2.07 0.00	28.45 1.96 0.00	25.31 1.62 0.00	25.95 1.23 0.00

EAST HAMPTON___GT 23717	19.09 2.05 0.00	17.12 1.79 0.00	14.64 1.43 0.00	14.77 1.44 0.00	15.06 1.52 0.00	19.55 2.09 0.00	29.45 3.65 0.00	31.45 4.09 -0.54	28.83 3.94 0.00	24.10 3.31 0.00	22.51 3.09 0.00	20.65 2.87 0.00	17.79 2.46 0.00	19.52 2.78 0.00	19.81 2.82 0.00	39.27 3.15 -18.65	34.22 3.69 -10.64	36.60 4.38 -8.37	56.32 4.23 -27.08	34.51 4.68 -2.24	38.76 4.53 -6.69	31.82 4.33 -1.00	27.32 3.62 0.00	27.49 2.76 0.00
EAST RIVER___6 23660	17.86 0.83 0.00	16.06 0.72 0.00	13.77 0.55 0.00	13.93 0.60 0.00	14.17 0.62 0.00	18.31 0.85 0.00	27.09 1.28 0.00	29.05 1.70 -0.54	26.72 1.83 0.00	22.45 1.67 0.00	21.02 1.61 0.00	19.28 1.51 0.00	16.69 1.36 0.00	18.20 1.46 0.00	18.53 1.55 0.00	21.51 1.76 -2.28	26.54 2.07 -4.59	34.12 2.28 -7.98	54.13 2.05 -27.07	29.71 2.12 0.00	29.55 2.01 0.00	28.39 1.89 0.00	25.25 1.56 0.00	25.86 1.13 0.00
EAST RIVER___7 23524	17.86 0.83 0.00	16.06 0.72 0.00	13.77 0.55 0.00	13.93 0.60 0.00	14.17 0.62 0.00	18.31 0.85 0.00	27.09 1.28 0.00	29.05 1.70 -0.54	26.72 1.83 0.00	22.45 1.67 0.00	21.02 1.61 0.00	19.28 1.51 0.00	16.69 1.36 0.00	18.20 1.46 0.00	18.53 1.55 0.00	21.51 1.76 -2.28	26.54 2.07 -4.59	34.12 2.28 -7.98	54.13 2.05 -27.07	29.71 2.12 0.00	29.55 2.01 0.00	28.39 1.89 0.00	25.25 1.56 0.00	25.86 1.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	17.85 0.82 0.00	16.05 0.71 0.00	13.75 0.54 0.00	13.91 0.58 0.00	14.16 0.62 0.00	18.27 0.81 0.00	27.03 1.22 0.00	28.94 1.59 -0.54	26.51 1.62 0.00	22.21 1.43 0.00	20.78 1.36 0.00	19.05 1.27 0.00	16.47 1.14 0.00	17.97 1.23 0.00	18.30 1.32 0.00	21.25 1.51 -2.27	26.25 1.78 -4.58	33.85 2.03 -7.96	53.90 1.87 -27.01	29.52 1.93 0.00	29.40 1.86 0.00	28.22 1.72 0.00	25.09 1.40 0.00	25.73 1.01 0.00
EAST_HAMPTON___DIESEL 23722	19.09 2.05 0.00	17.12 1.79 0.00	14.64 1.43 0.00	14.77 1.44 0.00	15.06 1.52 0.00	19.55 2.09 0.00	29.46 3.65 0.00	31.46 4.10 -0.54	28.83 3.94 0.00	24.11 3.32 0.00	22.52 3.10 0.00	20.66 2.88 0.00	17.80 2.47 0.00	19.52 2.78 0.00	19.81 2.83 0.00	39.29 3.16 -18.65	34.22 3.70 -10.64	36.61 4.39 -8.37	56.33 4.24 -27.08	34.51 4.68 -2.24	38.77 4.53 -6.69	31.83 4.34 -1.00	27.32 3.62 0.00	27.49 2.76 0.00
EAST_PULASKI___ESR 323781	17.29 0.26 0.00	15.60 0.26 0.00	13.44 0.23 0.00	13.55 0.22 0.00	13.77 0.23 0.00	17.85 0.39 0.00	26.50 0.70 0.00	27.55 0.69 -0.05	25.40 0.51 0.00	21.07 0.28 0.00	19.55 0.13 0.00	17.89 0.11 0.00	15.37 0.04 0.00	16.71 -0.03 0.00	16.86 -0.12 0.00	17.54 -0.13 -0.19	20.31 0.02 -0.40	24.73 0.15 -0.74	27.92 0.31 -2.59	28.12 0.53 0.00	28.09 0.55 0.00	26.99 0.49 0.00	24.26 0.57 0.00	25.37 0.64 0.00
EAST_RIVER___1 323558	17.89 0.86 0.00	16.09 0.75 0.00	13.79 0.58 0.00	13.95 0.62 0.00	14.20 0.66 0.00	18.32 0.86 0.00	27.09 1.28 0.00	29.04 1.68 -0.54	26.68 1.78 0.00	22.40 1.62 0.00	20.97 1.55 0.00	19.23 1.45 0.00	16.64 1.30 0.00	18.14 1.40 0.00	18.48 1.49 0.00	21.44 1.69 -2.28	26.47 1.99 -4.59	34.04 2.21 -7.98	54.07 1.98 -27.07	29.65 2.06 0.00	29.50 1.96 0.00	28.35 1.86 0.00	25.23 1.54 0.00	25.84 1.12 0.00
EAST_RIVER___2 323559	17.86 0.83 0.00	16.06 0.72 0.00	13.77 0.55 0.00	13.93 0.60 0.00	14.17 0.62 0.00	18.31 0.85 0.00	27.09 1.28 0.00	29.05 1.70 -0.54	26.72 1.83 0.00	22.45 1.67 0.00	21.02 1.61 0.00	19.28 1.51 0.00	16.69 1.36 0.00	18.20 1.46 0.00	18.53 1.55 0.00	21.51 1.76 -2.28	26.54 2.07 -4.59	34.12 2.28 -7.98	54.13 2.05 -27.07	29.71 2.12 0.00	29.55 2.01 0.00	28.39 1.89 0.00	25.25 1.56 0.00	25.86 1.13 0.00
EAST___DELAWARE_HYD 23607	17.52 0.49 0.00	15.75 0.41 0.00	13.50 0.29 0.00	13.64 0.31 0.00	13.87 0.33 0.00	17.93 0.47 0.00	26.55 0.74 0.00	28.30 1.03 -0.45	25.90 1.01 0.00	21.61 0.83 0.00	20.16 0.74 0.00	18.48 0.71 0.00	15.58 0.25 0.00	17.01 0.27 0.00	17.32 0.34 0.00	19.85 0.48 -1.89	24.35 0.64 -3.82	31.25 0.76 -6.64	48.33 0.80 -22.51	28.57 0.97 0.00	29.02 1.48 0.00	27.84 1.34 0.00	24.76 1.07 0.00	25.40 0.67 0.00
EIGHT_POINT___WT_PWR 323820	17.32 0.28 0.00	15.69 0.35 0.00	13.52 0.31 0.00	13.66 0.33 0.00	13.86 0.32 0.00	18.04 0.59 0.00	27.17 1.15 -0.21	28.39 0.93 -0.64	25.71 0.78 -0.04	21.85 0.60 -0.47	19.61 0.20 0.00	17.87 0.09 0.00	15.20 -0.13 0.00	16.64 -0.10 0.00	16.77 -0.21 0.00	17.63 -0.18 -0.34	20.55 0.03 -0.64	25.53 0.25 -1.43	30.99 0.38 -5.60	27.87 0.27 0.00	28.06 0.52 0.00	27.32 0.82 0.00	24.88 1.18 0.00	25.94 1.21 0.00
ELBRIDGE_115KV_TB2 80188	17.07 0.04 0.00	15.34 0.00 0.00	13.23 0.01 0.00	13.33 0.00 0.00	13.52 -0.02 0.00	17.53 0.07 0.00	25.98 0.17 0.00	27.04 0.16 -0.06	24.98 0.08 0.00	20.84 0.06 0.00	19.38 -0.04 0.00	17.74 -0.04 0.00	15.28 -0.06 0.00	16.65 -0.09 0.00	16.83 -0.15 0.00	17.59 -0.14 -0.26	20.63 0.21 -0.54	25.19 0.34 -1.00	28.81 0.14 -3.66	27.72 0.13 0.00	27.69 0.15 0.00	26.64 0.14 0.00	24.20 0.51 0.00	25.67 0.94 0.00
ELEC_TRO_TEK 24086	18.14 1.10 0.00	16.27 0.93 0.00	13.92 0.71 0.00	14.06 0.73 0.00	14.32 0.78 0.00	18.54 1.08 0.00	27.49 1.69 0.00	29.38 2.02 -0.54	26.93 2.03 0.00	22.53 1.75 0.00	21.12 1.71 0.00	19.38 1.60 0.00	16.74 1.41 0.00	18.29 1.55 0.00	18.60 1.62 0.00	37.94 1.82 -18.65	32.69 2.17 -10.64	34.71 2.49 -8.36	54.37 2.28 -27.08	32.27 2.44 -2.23	36.60 2.37 -6.69	29.73 2.25 -0.99	25.51 1.82 0.00	26.14 1.42 0.00
ELLENBURG_WT_PWR 323604	17.03 -0.01 0.00	15.40 0.06 0.00	13.21 0.00 0.00	13.26 -0.07 0.00	13.45 -0.10 0.00	17.30 -0.16 0.00	25.48 -0.33 0.00	26.09 -0.73 0.00	24.38 -0.51 0.00	20.35 -0.43 0.00	18.89 -0.53 0.00	17.18 -0.59 0.00	14.92 -0.42 0.00	16.42 -0.32 0.00	16.75 -0.23 0.00	17.29 -0.18 0.00	19.69 -0.19 0.00	23.62 -0.23 0.00	25.14 0.12 0.00	27.79 0.20 0.00	27.67 0.13 0.00	26.70 0.21 0.00	23.64 -0.06 0.00	24.84 0.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.41 0.37 0.00	15.57 0.23 0.00	13.39 0.18 0.00	13.47 0.14 0.00	13.62 0.08 0.00	17.73 0.27 0.00	26.32 0.51 0.00	27.19 0.31 -0.07	25.21 0.31 0.00	21.11 0.33 0.00	19.45 0.04 0.00	17.84 0.07 0.00	15.21 -0.13 0.00	16.57 -0.16 0.00	16.66 -0.33 0.00	17.44 -0.27 -0.24	19.82 -0.44 -0.37	24.37 -0.58 -1.09	28.86 -0.61 -4.46	27.03 -0.56 0.00	27.09 -0.46 0.00	26.29 -0.20 0.00	24.34 0.64 0.00	25.49 0.76 0.00
EMPIRE_CC_1 323656	17.43 0.39 0.00	15.72 0.37 0.00	13.51 0.30 0.00	13.63 0.30 0.00	13.89 0.35 0.00	17.85 0.39 0.00	26.23 0.42 0.00	28.17 0.72 -0.64	25.50 0.60 0.00	21.24 0.46 0.00	19.79 0.38 0.00	18.11 0.34 0.00	15.68 0.35 0.00	17.09 0.35 0.00	17.42 0.44 0.00	20.68 0.52 -2.68	25.95 0.66 -5.40	34.14 0.89 -9.40	57.80 0.91 -31.88	28.47 0.88 0.00	28.41 0.87 0.00	27.27 0.78 0.00	24.20 0.50 0.00	24.91 0.19 0.00

EMPIRE_CC_2 323658	17.43 0.39 0.00	15.72 0.37 0.00	13.51 0.30 0.00	13.63 0.30 0.00	13.89 0.35 0.00	17.85 0.39 0.00	26.23 0.42 0.00	28.17 0.72 -0.64	25.50 0.60 0.00	21.24 0.46 0.00	19.79 0.38 0.00	18.11 0.34 0.00	15.68 0.35 0.00	17.09 0.35 0.00	17.42 0.44 0.00	20.68 0.52 -2.68	25.95 0.66 -5.40	34.14 0.89 -9.40	57.80 0.91 -31.88	28.47 0.88 0.00	28.41 0.87 0.00	27.27 0.78 0.00	24.20 0.50 0.00	24.91 0.19 0.00
ENORWICH_115KV_TB1 80156	18.14 1.11 0.00	16.28 0.94 0.00	14.04 0.83 0.00	14.19 0.86 0.00	14.42 0.88 0.00	18.74 1.28 0.00	27.92 2.12 0.00	29.27 2.29 -0.17	26.95 2.05 0.00	22.28 1.50 0.00	20.48 1.07 0.00	18.67 0.90 0.00	16.08 0.75 0.00	17.55 0.81 0.00	17.76 0.78 0.00	19.02 0.85 -0.70	22.50 1.20 -1.42	28.13 1.75 -2.52	35.67 2.07 -8.58	29.93 2.34 0.00	29.76 2.22 0.00	28.59 2.10 0.00	25.56 1.87 0.00	26.52 1.79 0.00
ERIE_ST__34_KV_TB1-2 80199	17.63 0.60 0.00	15.75 0.41 0.00	13.55 0.34 0.00	13.64 0.31 0.00	13.81 0.27 0.00	17.97 0.52 0.00	26.71 0.90 0.00	27.62 0.73 -0.07	25.62 0.72 0.00	21.44 0.66 0.00	19.72 0.31 0.00	18.10 0.32 0.00	15.41 0.08 0.00	16.82 0.08 0.00	16.92 -0.06 0.00	17.76 0.04 -0.24	20.21 -0.06 -0.38	24.99 0.01 -1.13	29.67 0.08 -4.58	27.78 0.19 0.00	27.85 0.31 0.00	27.03 0.54 0.00	24.96 1.27 0.00	26.15 1.42 0.00
ERIE_WT_PWR 323693	17.14 0.49 0.39	15.50 0.33 0.17	13.37 0.28 0.12	13.39 0.25 0.19	13.45 0.19 0.28	17.62 0.40 0.24	25.37 0.75 1.19	27.43 0.54 -0.07	25.43 0.54 0.00	21.29 0.50 0.00	19.59 0.18 0.00	17.97 0.19 0.00	15.34 0.00 0.00	16.70 -0.04 0.00	16.79 -0.19 0.00	17.58 -0.13 -0.25	20.04 -0.23 -0.39	24.65 -0.32 -1.12	29.21 -0.35 -4.54	27.32 -0.27 0.00	27.22 -0.15 0.18	26.06 0.11 0.55	22.71 0.88 1.87	24.69 1.02 1.06
ESPRGFLD_115KV_TB1 80157	18.31 1.28 0.00	16.46 1.12 0.00	14.10 0.89 0.00	14.23 0.90 0.00	14.46 0.91 0.00	18.73 1.27 0.00	28.15 2.34 0.00	28.58 2.17 0.40	26.67 1.78 0.00	22.41 1.63 0.00	20.84 1.42 0.00	19.03 1.26 0.00	16.41 1.07 0.00	17.91 1.17 0.00	18.05 1.07 0.00	16.78 1.01 1.70	17.55 1.10 3.43	19.29 1.40 5.96	6.53 1.79 20.28	29.83 2.24 0.00	29.69 2.15 0.00	28.75 2.25 0.00	25.79 2.09 0.00	27.14 2.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.45 0.41 0.00	15.67 0.33 0.00	13.52 0.31 0.00	13.63 0.30 0.00	13.82 0.28 0.00	17.92 0.47 0.00	26.61 0.80 0.00	27.80 0.88 -0.11	25.63 0.74 0.00	21.28 0.50 0.00	19.72 0.30 0.00	18.03 0.25 0.00	15.51 0.18 0.00	16.93 0.19 0.00	17.12 0.14 0.00	18.12 0.18 -0.47	21.24 0.39 -0.96	26.23 0.60 -1.78	31.93 0.70 -6.22	28.39 0.80 0.00	28.38 0.84 0.00	27.28 0.79 0.00	24.54 0.85 0.00	25.58 0.85 0.00
ETNA_____115KV_TB2 80207	17.45 0.41 0.00	15.67 0.33 0.00	13.52 0.31 0.00	13.63 0.30 0.00	13.82 0.28 0.00	17.92 0.47 0.00	26.61 0.80 0.00	27.80 0.88 -0.11	25.63 0.74 0.00	21.28 0.50 0.00	19.72 0.30 0.00	18.03 0.25 0.00	15.51 0.18 0.00	16.93 0.19 0.00	17.12 0.14 0.00	18.12 0.18 -0.47	21.24 0.39 -0.96	26.23 0.60 -1.78	31.93 0.70 -6.22	28.39 0.80 0.00	28.38 0.84 0.00	27.28 0.79 0.00	24.54 0.85 0.00	25.58 0.85 0.00
EUCLID___115KV_TB2 356179	16.95 -0.08 0.00	15.24 -0.10 0.00	13.12 -0.09 0.00	13.24 -0.09 0.00	13.44 -0.10 0.00	17.39 -0.07 0.00	25.75 -0.06 0.00	26.78 -0.08 -0.05	24.79 -0.10 0.00	20.67 -0.11 0.00	19.24 -0.18 0.00	17.64 -0.14 0.00	15.17 -0.16 0.00	16.53 -0.21 0.00	16.71 -0.27 0.00	17.41 -0.27 -0.21	20.06 -0.28 -0.45	24.34 -0.33 -0.82	27.53 -0.35 -2.87	27.22 -0.37 0.00	27.17 -0.37 0.00	26.15 -0.35 0.00	23.59 -0.10 0.00	24.71 -0.02 0.00
E_CANADA_CAP_HY 24051	18.29 1.26 0.00	16.44 1.10 0.00	14.09 0.88 0.00	14.22 0.89 0.00	14.45 0.90 0.00	18.72 1.26 0.00	28.12 2.31 0.00	29.69 2.20 -0.68	26.66 1.77 0.00	22.38 1.60 0.00	20.80 1.39 0.00	19.00 1.22 0.00	16.38 1.05 0.00	17.89 1.15 0.00	18.03 1.05 0.00	21.33 1.00 -2.86	26.73 1.09 -5.76	35.28 1.42 -10.01	60.81 1.82 -33.97	29.85 2.26 0.00	29.72 2.18 0.00	28.77 2.27 0.00	25.80 2.10 0.00	27.09 2.36 0.00
E_CANADA_MHWK_HY 24050	17.00 -0.04 0.00	15.36 0.02 0.00	13.23 0.01 0.00	13.32 -0.01 0.00	13.55 0.01 0.00	17.53 0.08 0.00	25.73 -0.08 0.00	27.07 0.25 0.00	25.03 0.14 0.00	20.66 -0.12 0.00	19.24 -0.17 0.00	17.55 -0.22 0.00	15.13 -0.20 0.00	16.51 -0.23 0.00	16.83 -0.15 0.00	17.44 -0.03 0.00	19.95 0.07 0.00	24.12 0.27 0.00	25.35 0.34 0.00	27.83 0.23 0.00	27.82 0.28 0.00	26.75 0.26 0.00	23.79 0.10 0.00	24.46 -0.26 0.00
E_FISHKILL___LBMP 23776	17.76 0.72 0.00	15.97 0.63 0.00	13.69 0.48 0.00	13.85 0.52 0.00	14.10 0.56 0.00	18.19 0.73 0.00	26.87 1.07 0.00	28.78 1.41 -0.55	26.31 1.42 0.00	22.02 1.24 0.00	20.58 1.16 0.00	18.86 1.08 0.00	16.30 0.97 0.00	17.79 1.04 0.00	18.11 1.13 0.00	21.10 1.30 -2.33	26.13 1.55 -4.69	33.80 1.80 -8.15	54.33 1.67 -27.65	29.30 1.71 0.00	29.20 1.66 0.00	28.02 1.52 0.00	24.91 1.22 0.00	25.56 0.83 0.00
FALCON___SEABRD_CC1 323796	17.21 0.17 0.00	15.57 0.23 0.00	13.36 0.15 0.00	13.39 0.06 0.00	13.57 0.02 0.00	17.40 -0.06 0.00	25.63 -0.17 0.00	26.20 -0.62 0.00	24.51 -0.39 0.00	20.43 -0.35 0.00	18.95 -0.47 0.00	17.25 -0.52 0.00	14.98 -0.36 0.00	16.49 -0.25 0.00	16.84 -0.14 0.00	17.40 -0.07 0.00	19.82 -0.06 0.00	23.73 -0.12 0.00	25.41 0.39 0.00	28.09 0.50 0.00	27.97 0.43 0.00	27.03 0.54 0.00	23.87 0.18 0.00	25.06 0.33 0.00
FALCON___SEABRD_CC2 323797	17.21 0.17 0.00	15.57 0.23 0.00	13.36 0.15 0.00	13.39 0.06 0.00	13.57 0.02 0.00	17.40 -0.06 0.00	25.63 -0.17 0.00	26.20 -0.62 0.00	24.51 -0.39 0.00	20.43 -0.35 0.00	18.95 -0.47 0.00	17.25 -0.52 0.00	14.98 -0.36 0.00	16.49 -0.25 0.00	16.84 -0.14 0.00	17.40 -0.07 0.00	19.82 -0.06 0.00	23.73 -0.12 0.00	25.41 0.39 0.00	28.09 0.50 0.00	27.97 0.43 0.00	27.03 0.54 0.00	23.87 0.18 0.00	25.06 0.33 0.00
FAR ROCKAWAY___4 23548	18.38 1.34 0.00	16.49 1.15 0.00	14.09 0.88 0.00	14.23 0.90 0.00	14.49 0.95 0.00	18.77 1.32 0.00	27.82 2.01 0.00	29.72 2.36 -0.54	27.25 2.36 0.00	22.81 2.03 0.00	21.39 1.98 0.00	19.63 1.86 0.00	16.95 1.61 0.00	18.51 1.77 0.00	18.81 1.83 0.00	38.11 1.99 -18.65	32.92 2.40 -10.64	34.99 2.77 -8.36	54.69 2.60 -27.08	32.64 2.81 -2.23	36.93 2.70 -6.69	30.05 2.57 -0.99	25.88 2.18 0.00	26.53 1.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	17.91 0.87 0.00	16.10 0.76 0.00	13.80 0.59 0.00	13.96 0.63 0.00	14.21 0.66 0.00	18.33 0.87 0.00	27.10 1.29 0.00	29.04 1.69 -0.54	26.68 1.79 0.00	22.40 1.62 0.00	20.96 1.55 0.00	19.22 1.45 0.00	16.64 1.30 0.00	18.14 1.40 0.00	18.47 1.49 0.00	21.44 1.69 -2.28	26.46 1.99 -4.59	34.04 2.20 -7.98	54.07 1.98 -27.07	29.65 2.06 0.00	29.52 1.98 0.00	28.37 1.87 0.00	25.23 1.54 0.00	25.86 1.13 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	17.92 0.88 0.00	16.11 0.77 0.00	13.80 0.59 0.00	13.97 0.64 0.00	14.21 0.67 0.00	18.34 0.88 0.00	27.11 1.30 0.00	29.05 1.70 -0.54	26.69 1.80 0.00	22.41 1.63 0.00	20.97 1.55 0.00	19.23 1.45 0.00	16.64 1.31 0.00	18.14 1.40 0.00	18.48 1.49 0.00	21.44 1.69 -2.28	26.47 1.99 -4.59	34.05 2.21 -7.98	54.08 1.99 -27.07	29.66 2.07 0.00	29.53 1.99 0.00	28.38 1.89 0.00	25.25 1.55 0.00	25.87 1.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	17.89 0.86 0.00	16.10 0.76 0.00	13.79 0.58 0.00	13.96 0.62 0.00	14.20 0.66 0.00	18.32 0.86 0.00	27.08 1.28 0.00	29.02 1.67 -0.54	26.67 1.77 0.00	22.39 1.61 0.00	20.95 1.54 0.00	19.21 1.44 0.00	16.63 1.30 0.00	18.13 1.39 0.00	18.46 1.48 0.00	21.42 1.68 -2.28	26.45 1.97 -4.59	34.02 2.19 -7.98	54.05 1.97 -27.07	29.63 2.04 0.00	29.49 1.95 0.00	28.35 1.85 0.00	25.21 1.52 0.00	25.85 1.12 0.00
FARRAGUT___LBMP 323566	17.89 0.85 0.00	16.09 0.75 0.00	13.79 0.57 0.00	13.94 0.61 0.00	14.19 0.65 0.00	18.31 0.85 0.00	27.06 1.25 0.00	29.00 1.65 -0.54	26.64 1.75 0.00	22.37 1.58 0.00	20.93 1.51 0.00	19.19 1.42 0.00	16.61 1.28 0.00	18.11 1.37 0.00	18.44 1.46 0.00	21.40 1.66 -2.28	26.43 1.95 -4.59	34.00 2.16 -7.98	54.03 1.94 -27.07	29.61 2.02 0.00	29.47 1.93 0.00	28.32 1.83 0.00	25.20 1.50 0.00	25.83 1.10 0.00
FENNER___WINDPWR 24204	17.35 0.32 0.00	15.63 0.29 0.00	13.47 0.26 0.00	13.59 0.26 0.00	13.80 0.26 0.00	17.87 0.41 0.00	26.47 0.66 0.00	27.57 0.69 -0.06	25.46 0.57 0.00	21.17 0.39 0.00	19.68 0.26 0.00	18.03 0.25 0.00	15.52 0.19 0.00	16.92 0.18 0.00	17.14 0.16 0.00	17.91 0.17 -0.27	20.74 0.29 -0.57	25.30 0.42 -1.03	29.07 0.52 -3.54	28.23 0.63 0.00	28.18 0.64 0.00	27.08 0.58 0.00	24.28 0.58 0.00	25.35 0.62 0.00
FIBERTEK___ENERGY 23856	17.22 0.18 0.00	15.48 0.14 0.00	13.33 0.12 0.00	13.44 0.11 0.00	13.66 0.11 0.00	17.69 0.23 0.00	26.18 0.37 0.00	27.23 0.35 -0.06	25.16 0.27 0.00	20.97 0.19 0.00	19.51 0.09 0.00	17.88 0.10 0.00	15.38 0.05 0.00	16.76 0.02 0.00	16.93 -0.05 0.00	17.68 -0.04 -0.24	20.59 0.19 -0.51	25.10 0.31 -0.94	28.60 0.21 -3.37	27.83 0.24 0.00	27.78 0.24 0.00	26.71 0.22 0.00	24.17 0.48 0.00	25.51 0.78 0.00
FITZPATRICK____ 23598	16.71 -0.33 0.00	15.02 -0.31 0.00	12.94 -0.27 0.00	13.05 -0.28 0.00	13.25 -0.29 0.00	17.12 -0.34 0.00	25.33 -0.47 0.00	26.31 -0.54 -0.04	24.37 -0.53 0.00	20.34 -0.44 0.00	18.95 -0.47 0.00	17.36 -0.41 0.00	14.96 -0.38 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.11 -0.52 -0.16	19.55 -0.64 -0.30	23.57 -0.80 -0.52	25.98 -0.84 -1.80	26.67 -0.92 0.00	26.63 -0.91 0.00	25.64 -0.85 0.00	23.09 -0.60 0.00	24.21 -0.52 0.00
FLOWRFLD_69_KV_BK1 356044	18.48 1.44 0.00	16.58 1.24 0.00	14.16 0.95 0.00	14.29 0.96 0.00	14.56 1.01 0.00	18.88 1.42 0.00	28.23 2.43 0.00	30.16 2.80 -0.54	27.64 2.75 0.00	23.10 2.32 0.00	21.61 2.19 0.00	19.82 2.05 0.00	17.11 1.78 0.00	18.73 1.99 0.00	19.04 2.05 0.00	38.45 2.32 -18.65	33.23 2.71 -10.64	35.36 3.15 -8.36	55.02 2.93 -27.08	33.04 3.21 -2.23	37.39 3.16 -6.69	30.56 3.07 -0.99	26.19 2.49 0.00	26.61 1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	17.97 0.93 0.00	16.16 0.82 0.00	13.85 0.64 0.00	14.01 0.68 0.00	14.26 0.72 0.00	18.41 0.95 0.00	27.24 1.43 0.00	29.16 1.80 -0.54	26.65 1.76 0.00	22.28 1.50 0.00	20.81 1.40 0.00	19.07 1.29 0.00	16.49 1.15 0.00	17.98 1.24 0.00	18.32 1.33 0.00	21.29 1.53 -2.29	26.34 1.83 -4.62	34.05 2.17 -8.04	54.35 2.07 -27.26	29.74 2.15 0.00	29.63 2.09 0.00	28.40 1.91 0.00	25.24 1.55 0.00	25.89 1.16 0.00
FORT ORANGE____ 23900	17.37 0.34 0.00	15.66 0.32 0.00	13.49 0.28 0.00	13.63 0.29 0.00	13.87 0.33 0.00	17.82 0.36 0.00	26.29 0.49 0.00	28.24 0.77 -0.65	25.54 0.64 0.00	21.24 0.46 0.00	19.80 0.38 0.00	18.13 0.35 0.00	15.68 0.35 0.00	17.10 0.36 0.00	17.42 0.44 0.00	20.75 0.53 -2.75	26.12 0.69 -5.55	34.42 0.92 -9.65	58.70 0.96 -32.72	28.58 0.99 0.00	28.51 0.97 0.00	27.35 0.85 0.00	24.28 0.58 0.00	24.98 0.25 0.00
FORT_DRUM_COGEN 23780	17.28 0.24 0.00	15.76 0.42 0.00	13.59 0.38 0.00	13.69 0.36 0.00	13.91 0.36 0.00	18.03 0.58 0.00	26.83 1.03 0.00	27.84 0.99 -0.03	25.54 0.64 0.00	21.01 0.23 0.00	19.40 -0.02 0.00	17.75 -0.03 0.00	15.23 -0.10 0.00	16.51 -0.23 0.00	16.68 -0.31 0.00	17.26 -0.34 -0.13	19.98 -0.18 -0.28	24.41 0.05 -0.50	27.27 0.49 -1.77	28.62 1.03 0.00	28.59 1.05 0.00	27.42 0.93 0.00	24.46 0.77 0.00	25.48 0.76 0.00
FPL_FAR_ROCK_GT1 24212	18.38 1.34 0.00	16.49 1.15 0.00	14.09 0.88 0.00	14.23 0.90 0.00	14.49 0.95 0.00	18.77 1.32 0.00	27.82 2.01 0.00	29.71 2.36 -0.54	27.25 2.36 0.00	22.81 2.03 0.00	21.39 1.98 0.00	19.63 1.86 0.00	16.94 1.61 0.00	18.51 1.77 0.00	18.81 1.83 0.00	38.11 1.99 -18.65	32.93 2.41 -10.64	35.00 2.78 -8.37	54.70 2.61 -27.08	32.64 2.81 -2.24	36.93 2.70 -6.69	30.05 2.56 -1.00	25.87 2.18 0.00	26.53 1.80 0.00
FPL_FAR_ROCK_GT2 23815	18.38 1.34 0.00	16.49 1.15 0.00	14.09 0.88 0.00	14.23 0.90 0.00	14.49 0.95 0.00	18.77 1.32 0.00	27.82 2.01 0.00	29.71 2.36 -0.54	27.25 2.36 0.00	22.81 2.03 0.00	21.39 1.98 0.00	19.63 1.86 0.00	16.94 1.61 0.00	18.51 1.77 0.00	18.81 1.83 0.00	38.11 1.99 -18.65	32.93 2.41 -10.64	35.00 2.78 -8.37	54.70 2.61 -27.08	32.64 2.81 -2.24	36.93 2.70 -6.69	30.05 2.56 -1.00	25.87 2.18 0.00	26.53 1.80 0.00
FRANKLIN_FALL_HYD 24054	17.13 0.09 0.00	15.47 0.13 0.00	13.29 0.07 0.00	13.33 0.00 0.00	13.50 -0.04 0.00	17.38 -0.08 0.00	25.65 -0.16 0.00	26.34 -0.48 0.00	24.54 -0.35 0.00	20.42 -0.37 0.00	18.96 -0.46 0.00	17.26 -0.52 0.00	14.95 -0.38 0.00	16.44 -0.30 0.00	16.76 -0.22 0.00	17.25 -0.23 0.00	19.66 -0.23 0.00	23.65 -0.20 0.00	25.10 0.08 0.00	27.79 0.20 0.00	27.73 0.19 0.00	26.79 0.30 0.00	23.72 0.03 0.00	24.96 0.23 0.00
FREEPORT_EQUS_GT1 23764	18.27 1.23 0.00	16.39 1.05 0.00	14.01 0.80 0.00	14.15 0.82 0.00	14.41 0.87 0.00	18.67 1.21 0.00	27.69 1.88 0.00	29.60 2.24 -0.54	27.12 2.23 0.00	22.68 1.90 0.00	21.26 1.84 0.00	19.51 1.73 0.00	16.84 1.50 0.00	18.41 1.67 0.00	18.72 1.74 0.00	38.09 1.96 -18.65	32.88 2.36 -10.64	34.94 2.72 -8.37	54.58 2.49 -27.08	32.46 2.63 -2.24	36.87 2.63 -6.69	29.97 2.48 -1.00	25.74 2.05 0.00	26.35 1.62 0.00
FREEPORT___CT2 23818	18.27 1.23 0.00	16.39 1.05 0.00	14.01 0.80 0.00	14.15 0.82 0.00	14.41 0.87 0.00	18.67 1.21 0.00	27.69 1.88 0.00	29.60 2.24 -0.54	27.12 2.23 0.00	22.68 1.90 0.00	21.26 1.84 0.00	19.51 1.73 0.00	16.84 1.50 0.00	18.41 1.67 0.00	18.72 1.74 0.00	38.09 1.96 -18.65	32.88 2.36 -10.64	34.94 2.72 -8.37	54.58 2.49 -27.08	32.46 2.63 -2.24	36.87 2.63 -6.69	29.97 2.48 -1.00	25.74 2.05 0.00	26.35 1.62 0.00



FRESHKLS_33_KV_LOAD 356253	17.96 0.92 0.00	16.15 0.82 0.00	13.78 0.57 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.29 0.84 0.00	26.97 1.17 0.00	28.97 1.61 -0.54	26.03 1.66 0.52	22.27 1.49 -0.01	20.84 1.41 -0.01	19.13 1.35 -0.01	16.55 1.21 -0.01	18.04 1.30 -0.01	18.37 1.38 -0.01	21.33 1.60 -2.27	26.35 1.89 -4.58	33.19 2.09 -7.25	53.95 1.86 -27.07	29.68 2.08 0.00	29.62 2.08 0.00	28.46 1.96 0.00	25.33 1.64 0.00	25.88 1.15 0.00
FULTON COGEN____ 23766	17.37 0.33 0.00	15.60 0.26 0.00	13.43 0.22 0.00	13.55 0.22 0.00	13.76 0.22 0.00	17.83 0.37 0.00	26.43 0.63 0.00	27.48 0.61 -0.05	25.38 0.49 0.00	21.12 0.34 0.00	19.64 0.22 0.00	17.98 0.21 0.00	15.46 0.13 0.00	16.83 0.09 0.00	16.99 0.01 0.00	17.70 0.02 -0.21	20.47 0.14 -0.44	24.91 0.25 -0.81	28.18 0.32 -2.84	28.00 0.41 0.00	27.96 0.42 0.00	26.88 0.39 0.00	24.24 0.54 0.00	25.41 0.68 0.00
FULTON____LFGE 323630	18.68 1.65 0.00	16.79 1.45 0.00	14.40 1.19 0.00	14.53 1.20 0.00	14.79 1.25 0.00	19.20 1.74 0.00	28.55 2.75 0.00	30.11 2.62 -0.68	26.31 1.42 0.00	22.07 1.28 0.00	20.47 1.05 0.00	18.69 0.91 0.00	16.16 0.83 0.00	17.58 0.84 0.00	17.77 0.78 0.00	21.28 0.95 -2.86	26.68 1.03 -5.76	35.85 1.99 -10.01	61.62 2.64 -33.97	30.55 2.96 0.00	30.44 2.90 0.00	29.31 2.81 0.00	26.11 2.42 0.00	27.47 2.74 0.00
G.F.CEMENT____DRP 24184	18.13 1.09 0.00	16.36 1.02 0.00	14.05 0.83 0.00	14.15 0.82 0.00	14.45 0.90 0.00	18.75 1.29 0.00	27.81 2.00 0.00	29.90 2.41 -0.67	26.95 2.06 0.00	22.31 1.53 0.00	20.70 1.28 0.00	18.88 1.10 0.00	16.27 0.94 0.00	17.64 0.90 0.00	17.97 0.99 0.00	21.44 1.14 -2.83	26.90 1.30 -5.72	35.54 1.75 -9.94	60.52 1.79 -33.72	29.34 1.75 0.00	29.33 1.79 0.00	28.10 1.60 0.00	25.28 1.59 0.00	26.24 1.51 0.00
GARDENVILLE____LBMP 24039	17.47 0.43 0.00	15.62 0.28 0.00	13.45 0.24 0.00	13.53 0.20 0.00	13.68 0.14 0.00	17.80 0.34 0.00	26.45 0.64 0.00	27.34 0.45 -0.07	25.33 0.45 0.00	21.21 0.43 0.00	19.53 0.11 0.00	17.91 0.14 0.00	15.26 -0.07 0.00	16.65 -0.09 0.00	16.74 -0.25 0.00	17.51 -0.21 -0.25	19.93 -0.34 -0.38	24.54 -0.43 -1.12	29.10 -0.45 -4.54	27.20 -0.39 0.00	27.26 -0.28 0.00	26.47 -0.03 0.00	24.46 0.77 0.00	25.62 0.90 0.00
GARDNVLA_35_KV_LD 355827	17.54 0.50 0.00	15.68 0.34 0.00	13.50 0.29 0.00	13.58 0.25 0.00	13.73 0.18 0.00	17.87 0.41 0.00	26.55 0.74 0.00	27.45 0.56 -0.07	25.45 0.56 0.00	21.31 0.52 0.00	19.61 0.20 0.00	17.99 0.22 0.00	15.33 -0.01 0.00	16.72 -0.02 0.00	16.81 -0.18 0.00	17.60 -0.11 -0.25	20.04 -0.23 -0.39	24.69 -0.29 -1.12	29.25 -0.31 -4.54	27.36 -0.23 0.00	27.43 -0.11 0.00	26.61 0.12 0.00	24.60 0.90 0.00	25.75 1.03 0.00
GELCKHM__115KV_LOAD 80723	17.05 0.01 0.00	15.33 -0.01 0.00	13.20 -0.01 0.00	13.31 -0.02 0.00	13.52 -0.02 0.00	17.50 0.04 0.00	25.92 0.11 0.00	26.96 0.09 -0.05	24.93 0.04 0.00	20.79 0.01 0.00	19.34 -0.07 0.00	17.73 -0.05 0.00	15.25 -0.08 0.00	16.62 -0.12 0.00	16.80 -0.18 0.00	17.51 -0.18 -0.23	20.26 -0.10 -0.47	24.62 -0.09 -0.86	27.93 -0.14 -3.05	27.44 -0.15 0.00	27.39 -0.15 0.00	26.36 -0.14 0.00	23.81 0.12 0.00	25.01 0.28 0.00
GENERAL____MILLS 23808	17.51 0.47 0.00	15.66 0.32 0.00	13.48 0.27 0.00	13.56 0.23 0.00	13.71 0.17 0.00	17.85 0.39 0.00	26.52 0.71 0.00	27.40 0.52 -0.07	25.41 0.52 0.00	21.27 0.48 0.00	19.58 0.16 0.00	17.96 0.19 0.00	15.30 -0.04 0.00	16.68 -0.05 0.00	16.78 -0.21 0.00	17.56 -0.15 -0.25	20.00 -0.27 -0.39	24.63 -0.34 -1.12	29.20 -0.36 -4.54	27.31 -0.28 0.00	27.37 -0.17 0.00	26.57 0.08 0.00	24.55 0.86 0.00	25.72 0.99 0.00
GE_PLASTICS____DRP 24183	17.38 0.35 0.00	15.66 0.32 0.00	13.49 0.28 0.00	13.63 0.30 0.00	13.87 0.33 0.00	17.82 0.36 0.00	26.30 0.49 0.00	28.22 0.75 -0.66	25.56 0.67 0.00	21.30 0.52 0.00	19.87 0.45 0.00	18.19 0.42 0.00	15.74 0.40 0.00	17.16 0.42 0.00	17.47 0.49 0.00	20.81 0.58 -2.76	26.17 0.73 -5.56	34.44 0.92 -9.66	58.72 0.92 -32.79	28.52 0.93 0.00	28.47 0.93 0.00	27.32 0.82 0.00	24.28 0.59 0.00	25.01 0.29 0.00
GILBOA____1 23756	17.47 0.43 0.00	15.73 0.39 0.00	13.55 0.34 0.00	13.71 0.38 0.00	13.93 0.38 0.00	17.91 0.46 0.00	26.46 0.65 0.00	28.20 0.88 -0.51	25.72 0.84 0.00	21.47 0.69 0.00	20.04 0.62 0.00	18.35 0.57 0.00	15.85 0.51 0.00	17.29 0.55 0.00	17.58 0.60 0.00	20.31 0.69 -2.15	25.06 0.84 -4.33	32.32 0.94 -7.52	51.46 0.93 -25.51	28.55 0.96 0.00	28.58 1.04 0.00	27.44 0.95 0.00	24.45 0.75 0.00	25.23 0.51 0.00
GILBOA____2 23757	17.47 0.43 0.00	15.73 0.39 0.00	13.55 0.34 0.00	13.71 0.38 0.00	13.93 0.38 0.00	17.91 0.46 0.00	26.46 0.65 0.00	28.20 0.88 -0.51	25.72 0.84 0.00	21.47 0.69 0.00	20.04 0.62 0.00	18.35 0.57 0.00	15.85 0.51 0.00	17.29 0.55 0.00	17.58 0.60 0.00	20.31 0.69 -2.15	25.06 0.84 -4.33	32.32 0.94 -7.52	51.46 0.93 -25.51	28.55 0.96 0.00	28.58 1.04 0.00	27.44 0.95 0.00	24.45 0.75 0.00	25.23 0.51 0.00
GILBOA____3 23758	17.47 0.43 0.00	15.73 0.39 0.00	13.55 0.34 0.00	13.71 0.38 0.00	13.93 0.38 0.00	17.91 0.46 0.00	26.46 0.65 0.00	28.20 0.88 -0.51	25.72 0.84 0.00	21.47 0.69 0.00	20.04 0.62 0.00	18.35 0.57 0.00	15.85 0.51 0.00	17.29 0.55 0.00	17.58 0.60 0.00	20.31 0.69 -2.15	25.06 0.84 -4.33	32.32 0.94 -7.52	51.46 0.93 -25.51	28.55 0.96 0.00	28.58 1.04 0.00	27.44 0.95 0.00	24.45 0.75 0.00	25.23 0.51 0.00
GILBOA____4 23759	17.47 0.43 0.00	15.73 0.39 0.00	13.55 0.34 0.00	13.71 0.38 0.00	13.93 0.38 0.00	17.91 0.46 0.00	26.46 0.65 0.00	28.20 0.88 -0.51	25.72 0.84 0.00	21.47 0.69 0.00	20.04 0.62 0.00	18.35 0.57 0.00	15.85 0.51 0.00	17.29 0.55 0.00	17.58 0.60 0.00	20.31 0.69 -2.15	25.06 0.84 -4.33	32.32 0.94 -7.52	51.46 0.93 -25.51	28.55 0.96 0.00	28.58 1.04 0.00	27.44 0.95 0.00	24.45 0.75 0.00	25.23 0.51 0.00
GILBOA____ 23599	17.47 0.43 0.00	15.73 0.39 0.00	13.55 0.34 0.00	13.71 0.38 0.00	13.93 0.38 0.00	17.91 0.46 0.00	26.46 0.65 0.00	28.20 0.88 -0.51	25.73 0.84 0.00	21.47 0.69 0.00	20.04 0.62 0.00	18.35 0.57 0.00	15.85 0.52 0.00	17.29 0.55 0.00	17.58 0.60 0.00	20.31 0.69 -2.15	25.06 0.84 -4.33	32.32 0.94 -7.52	51.45 0.93 -25.51	28.55 0.96 0.00	28.58 1.04 0.00	27.45 0.95 0.00	24.45 0.76 0.00	25.23 0.50 0.00
GINNA____ 23603	16.29 -0.59 0.15	14.68 -0.59 0.07	12.63 -0.53 0.05	12.70 -0.56 0.07	12.85 -0.59 0.11	16.72 -0.64 0.09	24.53 -0.81 0.46	25.95 -0.92 -0.06	23.99 -0.91 0.00	20.03 -0.75 0.00	18.56 -0.85 0.00	17.02 -0.76 0.00	14.59 -0.74 0.00	15.88 -0.86 0.00	16.01 -0.97 0.00	16.76 -0.97 -0.26	19.25 -1.17 -0.54	23.38 -1.45 -0.97	27.03 -1.49 -3.51	25.99 -1.60 0.00	25.88 -1.59 0.07	24.81 -1.47 0.22	22.05 -0.89 0.74	23.44 -0.86 0.42

GLEN PARK____ 23778	17.39 0.35 0.00	15.84 0.50 0.00	13.66 0.45 0.00	13.77 0.44 0.00	13.99 0.44 0.00	18.15 0.69 0.00	27.03 1.22 0.00	28.03 1.19 -0.03	25.69 0.80 0.00	21.11 0.33 0.00	19.46 0.04 0.00	17.81 0.04 0.00	15.28 -0.05 0.00	16.55 -0.20 0.00	16.72 -0.27 0.00	17.30 -0.31 -0.14	20.04 -0.13 -0.29	24.48 0.11 -0.52	27.44 0.60 -1.83	28.83 1.23 0.00	28.81 1.27 0.00	27.62 1.13 0.00	24.63 0.93 0.00	25.65 0.92 0.00
GLENDALE_27_KV_LOAD 356172	18.00 0.96 0.00	16.18 0.85 0.00	13.87 0.66 0.00	14.02 0.70 0.00	14.27 0.72 0.00	18.42 0.96 0.00	27.25 1.45 0.00	29.24 1.88 -0.54	26.86 1.97 -0.01	22.54 1.75 -0.01	24.21 1.67 -3.12	76.19 1.56 -56.86	21.96 1.40 -5.23	25.58 1.51 -7.33	60.44 1.59 -41.86	48.58 1.80 -29.31	35.24 2.12 -13.23	35.57 2.37 -9.34	54.24 2.15 -27.07	29.85 2.26 0.00	29.72 2.18 0.00	28.56 2.06 0.00	25.40 1.71 0.00	26.02 1.29 0.00
GLENWOOD_IC_1_G5 23712	18.10 1.06 0.00	16.25 0.91 0.00	13.91 0.70 0.00	14.05 0.72 0.00	14.31 0.77 0.00	18.51 1.05 0.00	27.41 1.61 0.00	29.31 1.96 -0.54	26.87 1.98 0.00	22.43 1.65 0.00	21.03 1.62 0.00	19.29 1.52 0.00	16.69 1.35 0.00	18.27 1.53 0.00	18.60 1.62 0.00	37.94 1.82 -18.65	32.55 2.03 -10.64	34.53 2.32 -8.36	54.21 2.12 -27.08	32.05 2.23 -2.23	36.47 2.23 -6.69	29.64 2.16 -0.99	25.46 1.76 0.00	26.09 1.37 0.00
GLENWOOD_IC_2_G1 23688	18.01 0.97 0.00	16.18 0.84 0.00	13.85 0.64 0.00	14.00 0.67 0.00	14.26 0.71 0.00	18.42 0.96 0.00	27.27 1.46 0.00	29.18 1.83 -0.54	26.74 1.85 0.00	22.39 1.61 0.00	20.99 1.57 0.00	19.24 1.47 0.00	16.63 1.30 0.00	18.16 1.42 0.00	18.48 1.50 0.00	37.83 1.70 -18.65	32.54 2.01 -10.64	34.52 2.30 -8.37	54.21 2.12 -27.08	32.05 2.22 -2.24	36.39 2.15 -6.69	29.51 2.02 -1.00	25.32 1.63 0.00	25.96 1.23 0.00
GLENWOOD_IC_3_G1 23689	18.01 0.97 0.00	16.18 0.84 0.00	13.85 0.64 0.00	14.00 0.67 0.00	14.26 0.71 0.00	18.42 0.96 0.00	27.27 1.46 0.00	29.18 1.83 -0.54	26.74 1.85 0.00	22.39 1.61 0.00	20.99 1.57 0.00	19.24 1.47 0.00	16.63 1.30 0.00	18.16 1.42 0.00	18.48 1.50 0.00	37.83 1.70 -18.65	32.54 2.01 -10.64	34.52 2.30 -8.37	54.21 2.12 -27.08	32.05 2.22 -2.24	36.39 2.15 -6.69	29.51 2.02 -1.00	25.32 1.63 0.00	25.96 1.23 0.00
GLENWOOD____4 23550	18.10 1.06 0.00	16.25 0.91 0.00	13.91 0.70 0.00	14.05 0.72 0.00	14.31 0.77 0.00	18.51 1.05 0.00	27.41 1.61 0.00	29.31 1.96 -0.54	26.87 1.98 0.00	22.46 1.68 0.00	21.06 1.64 0.00	19.32 1.54 0.00	16.70 1.37 0.00	18.27 1.53 0.00	18.60 1.62 0.00	37.94 1.82 -18.65	32.60 2.08 -10.64	34.60 2.38 -8.36	54.28 2.19 -27.08	32.13 2.30 -2.23	36.51 2.28 -6.69	29.66 2.17 -0.99	25.46 1.76 0.00	26.09 1.37 0.00
GLENWOOD____5 23614	18.10 1.06 0.00	16.25 0.91 0.00	13.91 0.70 0.00	14.05 0.72 0.00	14.31 0.77 0.00	18.51 1.05 0.00	27.41 1.61 0.00	29.31 1.96 -0.54	26.87 1.98 0.00	22.46 1.68 0.00	21.06 1.64 0.00	19.32 1.54 0.00	16.70 1.37 0.00	18.27 1.53 0.00	18.60 1.62 0.00	37.94 1.82 -18.65	32.60 2.08 -10.64	34.60 2.38 -8.36	54.28 2.19 -27.08	32.13 2.30 -2.23	36.51 2.28 -6.69	29.66 2.17 -0.99	25.46 1.76 0.00	26.09 1.37 0.00
GLOBAL GREEN_PORT_GT1 23814	19.04 2.01 0.00	17.08 1.75 0.00	14.60 1.39 0.00	14.73 1.40 0.00	15.02 1.48 0.00	19.50 2.04 0.00	29.30 3.49 0.00	31.29 3.93 -0.54	28.68 3.79 0.00	23.97 3.19 0.00	22.39 2.97 0.00	20.54 2.76 0.00	17.70 2.37 0.00	19.42 2.67 0.00	19.71 2.72 0.00	39.18 3.05 -18.65	34.12 3.59 -10.64	36.48 4.25 -8.37	56.20 4.11 -27.08	34.37 4.54 -2.24	38.62 4.39 -6.69	31.67 4.18 -1.00	27.18 3.49 0.00	27.43 2.70 0.00
GLOBE____DSASP 323697	17.11 0.08 0.00	15.31 -0.02 0.00	13.15 -0.07 0.00	13.23 -0.10 0.00	13.37 -0.18 0.00	17.39 -0.07 0.00	25.75 -0.05 0.00	26.57 -0.32 -0.07	24.55 -0.34 0.00	20.54 -0.24 0.00	18.94 -0.48 0.00	17.38 -0.39 0.00	14.81 -0.52 0.00	16.10 -0.64 0.00	16.17 -0.81 0.00	16.88 -0.82 -0.23	19.03 -1.19 -0.33	23.25 -1.63 -1.03	27.48 -1.72 -4.19	25.84 -1.75 0.00	25.86 -1.67 0.00	25.12 -1.38 0.00	23.49 -0.20 0.00	24.70 -0.03 0.00
GOETHSLN____LBMP 323567	17.80 0.77 0.00	16.01 0.67 0.00	13.71 0.50 0.00	13.87 0.54 0.00	14.12 0.58 0.00	18.21 0.76 0.00	26.87 1.07 0.00	28.80 1.45 -0.54	25.93 1.57 0.53	22.25 1.46 0.00	20.82 1.40 0.00	19.09 1.31 0.00	16.53 1.20 0.00	18.02 1.28 0.00	18.34 1.36 0.00	21.31 1.56 -2.28	26.30 1.82 -4.59	33.84 2.01 -7.98	53.87 1.79 -27.07	29.43 1.84 0.00	29.29 1.75 0.00	28.15 1.66 0.00	25.04 1.35 0.00	25.71 0.98 0.00
GOLAH____69_KV_TB 1_2 80279	17.51 0.48 0.00	15.65 0.31 0.00	13.44 0.23 0.00	13.52 0.19 0.00	13.69 0.14 0.00	17.78 0.32 0.00	26.44 0.64 0.00	27.44 0.57 -0.06	25.35 0.46 0.00	21.14 0.36 0.00	19.55 0.13 0.00	17.94 0.16 0.00	15.34 0.01 0.00	16.72 -0.02 0.00	16.84 -0.14 0.00	17.59 -0.13 -0.26	20.16 -0.26 -0.53	24.51 -0.33 -1.00	28.35 -0.30 -3.63	27.39 -0.21 0.00	27.36 -0.18 0.00	26.44 -0.06 0.00	24.20 0.51 0.00	25.31 0.58 0.00
GOODYEAR_LAKE_HYD 323669	17.61 0.57 0.00	15.83 0.49 0.00	13.63 0.42 0.00	13.77 0.44 0.00	14.00 0.46 0.00	18.08 0.62 0.00	26.80 0.99 0.00	28.24 1.18 -0.25	26.00 1.11 0.00	21.70 0.92 0.00	20.22 0.80 0.00	18.49 0.72 0.00	15.97 0.63 0.00	17.41 0.67 0.00	17.68 0.69 0.00	19.29 0.78 -1.04	22.93 0.93 -2.11	28.68 1.14 -3.68	38.68 1.23 -12.44	28.92 1.33 0.00	28.87 1.33 0.00	27.71 1.21 0.00	24.73 1.03 0.00	25.57 0.84 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.38 0.34 0.00	15.60 0.26 0.00	13.48 0.27 0.00	13.58 0.25 0.00	13.76 0.22 0.00	17.81 0.35 0.00	26.42 0.61 0.00	27.71 0.72 -0.17	25.55 0.66 0.00	21.30 0.51 0.00	19.80 0.38 0.00	18.13 0.35 0.00	15.62 0.29 0.00	17.04 0.30 0.00	17.27 0.28 0.00	18.51 0.34 -0.71	21.80 0.47 -1.45	26.95 0.55 -2.55	34.08 0.53 -8.53	28.14 0.55 0.00	28.18 0.64 0.00	27.14 0.64 0.00	24.35 0.66 0.00	25.31 0.58 0.00
GOUDEY____7 23579	17.39 0.35 0.00	15.61 0.27 0.00	13.49 0.28 0.00	13.59 0.26 0.00	13.77 0.23 0.00	17.82 0.36 0.00	26.44 0.63 0.00	27.73 0.75 -0.17	25.58 0.69 0.00	21.32 0.54 0.00	19.81 0.40 0.00	18.15 0.37 0.00	15.64 0.30 0.00	17.06 0.32 0.00	17.28 0.30 0.00	18.53 0.35 -0.71	21.82 0.49 -1.45	26.97 0.57 -2.55	34.10 0.55 -8.53	28.17 0.58 0.00	28.21 0.67 0.00	27.16 0.66 0.00	24.38 0.68 0.00	25.33 0.60 0.00
GOUDEY____8 23580	17.38 0.34 0.00	15.60 0.26 0.00	13.48 0.27 0.00	13.58 0.25 0.00	13.76 0.22 0.00	17.81 0.35 0.00	26.42 0.61 0.00	27.71 0.72 -0.17	25.55 0.66 0.00	21.30 0.51 0.00	19.80 0.38 0.00	18.13 0.35 0.00	15.62 0.29 0.00	17.04 0.30 0.00	17.27 0.28 0.00	18.51 0.34 -0.71	21.80 0.47 -1.45	26.95 0.55 -2.55	34.08 0.53 -8.53	28.14 0.55 0.00	28.18 0.64 0.00	27.14 0.64 0.00	24.35 0.66 0.00	25.31 0.58 0.00

GOWANUS_GT1_1 24077	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT1_2 24078	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT1_3 24079	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT1_4 24080	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT1_5 24084	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT1_6 24111	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT1_7 24112	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT1_8 24113	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 																			

GOWANUS_GT2_8 24121	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_1 24122	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_2 24123	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_3 24124	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_4 24125	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_5 24126	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_6 24127	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_7 24128	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT3_8 24129	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
GOWANUS_GT4_1 24130	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT4_2 24131	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT4_3 24132	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT4_4 24133	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT4_5 24134	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT4_6 24135	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00

GOWANUS_GT4_7 24136	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GOWANUS_GT4_8 24137	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GREENBSH_115KV_TB3 55895	17.28 0.24 0.00	15.58 0.24 0.00	13.42 0.22 0.00	13.56 0.23 0.00	13.81 0.27 0.00	17.72 0.26 0.00	26.14 0.33 0.00	28.07 0.60 -0.66	25.41 0.51 0.00	21.17 0.38 0.00	19.74 0.33 0.00	18.08 0.30 0.00	15.64 0.31 0.00	17.05 0.31 0.00	17.38 0.39 0.00	20.72 0.48 -2.77	26.09 0.63 -5.57	34.37 0.83 -9.69	58.71 0.82 -32.88	28.39 0.80 0.00	28.34 0.79 0.00	27.18 0.69 0.00	24.13 0.44 0.00	24.84 0.11 0.00
GREENDGE_115KV_TB5 80291	17.37 0.33 0.00	15.59 0.25 0.00	13.47 0.26 0.00	13.57 0.24 0.00	13.75 0.20 0.00	17.87 0.41 0.00	26.53 0.72 0.00	27.62 0.72 -0.09	25.50 0.60 0.00	21.18 0.40 0.00	19.50 0.08 0.00	17.84 0.07 0.00	15.24 -0.10 0.00	16.66 -0.08 0.00	16.80 -0.19 0.00	17.68 -0.14 -0.35	20.61 0.03 -0.69	25.50 0.22 -1.43	30.64 0.16 -5.47	27.87 0.28 0.00	27.94 0.40 0.00	26.91 0.41 0.00	24.44 0.74 0.00	25.53 0.80 0.00
GREENIDGE___3 23582	17.37 0.33 0.00	15.59 0.25 0.00	13.47 0.26 0.00	13.57 0.24 0.00	13.75 0.20 0.00	17.87 0.41 0.00	26.53 0.72 0.00	27.62 0.72 -0.09	25.50 0.60 0.00	21.18 0.40 0.00	19.50 0.08 0.00	17.84 0.07 0.00	15.24 -0.10 0.00	16.66 -0.08 0.00	16.80 -0.19 0.00	17.68 -0.14 -0.35	20.61 0.03 -0.69	25.50 0.22 -1.43	30.64 0.16 -5.47	27.87 0.28 0.00	27.94 0.40 0.00	26.91 0.41 0.00	24.44 0.74 0.00	25.53 0.80 0.00
GREENIDGE___4 23583	17.43 0.33 -0.06	15.61 0.25 -0.03	13.49 0.26 -0.02	13.60 0.24 -0.03	13.79 0.21 -0.04	17.91 0.41 -0.03	26.92 0.74 -0.38	28.16 0.72 -0.63	25.53 0.60 -0.03	21.64 0.39 -0.46	19.50 0.08 0.00	17.84 0.07 0.00	15.25 -0.09 0.00	16.66 -0.08 0.00	16.80 -0.19 0.00	17.68 -0.14 -0.35	20.62 0.05 -0.69	25.50 0.22 -1.43	30.64 0.16 -5.47	27.86 0.26 0.00	27.97 0.41 -0.03	27.00 0.42 -0.09	24.72 0.74 -0.28	25.69 0.81 -0.15
GREENLWN_69_KV_BK 3 55738	18.17 1.13 0.00	16.31 0.98 0.00	13.95 0.73 0.00	14.07 0.74 0.00	14.34 0.79 0.00	18.57 1.11 0.00	27.56 1.76 0.00	29.42 2.06 -0.54	26.97 2.09 0.00	22.55 1.77 0.00	21.13 1.71 0.00	19.39 1.61 0.00	16.75 1.42 0.00	18.32 1.58 0.00	18.63 1.65 0.00	38.00 1.88 -18.65	32.79 2.27 -10.64	34.80 2.58 -8.36	54.42 2.32 -27.08	32.34 2.52 -2.23	36.64 2.41 -6.69	29.76 2.27 -0.99	25.50 1.80 0.00	26.15 1.42 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00
GRISSOM___SOLAR 323813	18.68 1.65 0.00	16.79 1.45 0.00	14.40 1.19 0.00	14.53 1.20 0.00	14.79 1.25 0.00	19.20 1.74 0.00	28.55 2.75 0.00	30.11 2.62 -0.68	26.31 1.42 0.00	22.07 1.28 0.00	20.47 1.05 0.00	18.69 0.91 0.00	16.16 0.83 0.00	17.58 0.84 0.00	17.77 0.78 0.00	21.28 0.95 -2.86	26.68 1.03 -5.76	35.85 1.99 -10.01	61.62 2.64 -33.97	30.55 2.96 0.00	30.44 2.90 0.00	29.31 2.81 0.00	26.11 2.42 0.00	27.47 2.74 0.00
GROVEVILLE___HYD 323602	17.97 0.93 0.00	16.16 0.82 0.00	13.85 0.64 0.00	14.01 0.68 0.00	14.26 0.72 0.00	18.41 0.95 0.00	27.24 1.43 0.00	29.16 1.80 -0.54	26.65 1.76 0.00	22.28 1.50 0.00	20.81 1.40 0.00	19.07 1.29 0.00	16.49 1.15 0.00	17.98 1.24 0.00	18.32 1.33 0.00	21.29 1.53 -2.29	26.34 1.83 -4.62	34.05 2.17 -8.04	54.35 2.07 -27.26	29.74 2.15 0.00	29.63 2.09 0.00	28.40 1.91 0.00	25.24 1.55 0.00	25.89 1.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.22 0.18 0.00	15.48 0.14 0.00	13.33 0.12 0.00	13.44 0.11 0.00	13.66 0.11 0.00	17.69 0.23 0.00	26.18 0.37 0.00	27.23 0.35 -0.06	25.16 0.27 0.00	20.97 0.19 0.00	19.51 0.09 0.00	17.88 0.10 0.00	15.38 0.05 0.00	16.76 0.02 0.00	16.93 -0.05 0.00	17.68 -0.04 -0.24	20.59 0.19 -0.51	25.10 0.31 -0.94	28.60 0.21 -3.37	27.83 0.24 0.00	27.78 0.24 0.00	26.71 0.22 0.00	24.17 0.48 0.00	25.51 0.78 0.00
HAMLTNNY_34_KV_TB 80303	17.20 0.17 0.00	15.45 0.11 0.00	13.32 0.10 0.00	13.42 0.09 0.00	13.61 0.07 0.00	17.65 0.20 0.00	26.20 0.39 0.00	27.26 0.38 -0.06	25.17 0.28 0.00	21.00 0.22 0.00	19.53 0.11 0.00	17.87 0.10 0.00	15.39 0.06 0.00	16.75 0.01 0.00	16.93 -0.06 0.00	17.69 -0.04 -0.26	20.74 0.31 -0.54	25.34 0.49 -1.00	28.97 0.30 -3.66	27.88 0.29 0.00	27.84 0.30 0.00	26.79 0.30 0.00	24.32 0.63 0.00	25.82 1.09 0.00
HAMPSHIRE___PAPER_HYD 323593	16.97 -0.07 0.00	15.40 0.06 0.00	13.27 0.06 0.00	13.34 0.00 0.00	13.50 -0.05 0.00	17.39 -0.06 0.00	25.79 -0.01 0.00	26.67 -0.16 -0.02	24.61 -0.29 0.00	20.35 -0.43 0.00	18.91 -0.51 0.00	17.28 -0.49 0.00	14.88 -0.45 0.00	16.22 -0.51 0.00	16.44 -0.55 0.00	16.94 -0.60 -0.07	19.43 -0.60 -0.14	23.59 -0.52 -0.26	25.62 -0.31 -0.91	27.50 -0.09 0.00	27.53 -0.01 0.00	26.62 0.12 0.00	23.69 -0.01 0.00	24.79 0.06 0.00
HARDSCRABBLE_WT_PWR 323673	16.99 -0.04 0.00	15.36 0.02 0.00	13.22 0.00 0.00	13.30 -0.03 0.00	13.53 -0.02 0.00	17.51 0.05 0.00	25.72 -0.08 0.00	26.98 0.16 0.00	25.01 0.12 0.00	20.72 -0.06 0.00	19.31 -0.11 0.00	17.60 -0.18 0.00	15.15 -0.18 0.00	16.55 -0.19 0.00	16.84 -0.14 0.00	17.43 -0.05 0.00	19.91 0.02 0.00	24.04 0.19 0.00	25.26 0.25 0.00	27.74 0.15 0.00	27.72 0.18 0.00	26.69 0.19 0.00	23.80 0.11 0.00	24.56 -0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	17.84 0.80 0.00	16.02 0.69 0.00	13.73 0.51 0.00	13.90 0.57 0.00	14.15 0.61 0.00	18.27 0.81 0.00	26.99 1.18 0.00	28.81 1.49 -0.50	26.39 1.50 0.00	22.09 1.31 0.00	20.66 1.24 0.00	18.94 1.16 0.00	16.38 1.05 0.00	17.88 1.14 0.00	18.20 1.22 0.00	21.00 1.41 -2.12	25.84 1.68 -4.27	33.23 1.95 -7.43	52.01 1.80 -25.20	29.43 1.84 0.00	29.30 1.76 0.00	28.11 1.61 0.00	24.99 1.30 0.00	25.72 1.00 0.00

HARSNRAD_115KV_TB1 81005	17.28 0.24 0.00	15.46 0.12 0.00	13.26 0.05 0.00	13.34 0.01 0.00	13.49 -0.05 0.00	17.58 0.12 0.00	26.03 0.23 0.00	26.88 0.00 -0.07	24.91 0.02 0.00	20.89 0.11 0.00	19.24 -0.17 0.00	17.66 -0.12 0.00	15.05 -0.28 0.00	16.40 -0.34 0.00	16.48 -0.51 0.00	17.19 -0.52 -0.24	19.48 -0.79 -0.38	23.89 -1.01 -1.05	28.17 -1.05 -4.21	26.58 -1.01 0.00	26.61 -0.93 0.00	25.83 -0.67 0.00	23.97 0.28 0.00	25.17 0.45 0.00
HARZA MOOSE__RIVER 24016	17.24 0.20 0.00	15.64 0.30 0.00	13.49 0.27 0.00	13.60 0.27 0.00	13.81 0.27 0.00	17.87 0.41 0.00	26.47 0.66 0.00	27.48 0.65 -0.02	25.34 0.45 0.00	21.01 0.23 0.00	19.51 0.09 0.00	17.87 0.09 0.00	15.37 0.04 0.00	16.72 -0.02 0.00	16.93 -0.05 0.00	17.50 -0.06 -0.09	20.11 0.04 -0.18	24.42 0.24 -0.32	26.62 0.47 -1.14	28.27 0.68 0.00	28.21 0.67 0.00	27.10 0.61 0.00	24.19 0.50 0.00	25.24 0.51 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.03 -0.01 0.00	15.30 -0.04 0.00	13.18 -0.03 0.00	13.29 -0.04 0.00	13.49 -0.05 0.00	17.46 0.00 0.00	25.88 0.07 0.00	26.93 0.06 -0.05	24.92 0.02 0.00	20.78 0.00 0.00	19.33 -0.08 0.00	17.73 -0.05 0.00	15.25 -0.09 0.00	16.61 -0.13 0.00	16.80 -0.18 0.00	17.52 -0.18 -0.23	20.21 -0.16 -0.48	24.56 -0.17 -0.88	27.89 -0.18 -3.06	27.40 -0.19 0.00	27.36 -0.17 0.00	26.33 -0.17 0.00	23.74 0.05 0.00	24.83 0.11 0.00
HELLGATE_13_KV_LD 55870	17.94 0.90 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.91 0.00	27.16 1.35 0.00	29.13 1.77 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.12 1.58 -3.12	76.05 1.48 -56.79	21.89 1.33 -5.22	25.50 1.43 -7.32	60.31 1.52 -41.81	48.47 1.72 -29.27	35.13 2.02 -13.22	35.45 2.26 -9.34	54.12 2.03 -27.07	29.71 2.12 0.00	29.60 2.06 0.00	28.44 1.94 0.00	25.29 1.60 0.00	25.93 1.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	17.94 0.90 0.00	16.14 0.80 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.91 0.00	27.16 1.35 0.00	29.13 1.77 -0.54	26.75 1.85 -0.01	22.45 1.66 -0.01	24.12 1.58 -3.12	76.05 1.48 -56.79	21.89 1.33 -5.22	25.50 1.43 -7.32	60.31 1.52 -41.81	48.47 1.72 -29.27	35.13 2.02 -13.22	35.45 2.26 -9.34	54.12 2.03 -27.07	29.71 2.12 0.00	29.60 2.06 0.00	28.44 1.94 0.00	25.29 1.60 0.00	25.93 1.20 0.00
HEMPSTEAD____ 23647	18.11 1.07 0.00	16.25 0.91 0.00	13.90 0.68 0.00	14.04 0.71 0.00	14.30 0.75 0.00	18.51 1.05 0.00	27.45 1.64 0.00	29.35 2.00 -0.54	26.90 2.01 0.00	22.49 1.71 0.00	21.09 1.67 0.00	19.34 1.57 0.00	16.71 1.38 0.00	18.28 1.54 0.00	18.59 1.61 0.00	37.94 1.82 -18.65	32.68 2.15 -10.64	34.68 2.46 -8.37	54.34 2.25 -27.08	32.22 2.39 -2.24	36.57 2.34 -6.69	29.70 2.21 -1.00	25.49 1.80 0.00	26.10 1.37 0.00
HEWLETT__69_KV_BK3 55828	18.30 1.26 0.00	16.42 1.08 0.00	14.04 0.83 0.00	14.18 0.85 0.00	14.44 0.90 0.00	18.70 1.24 0.00	27.70 1.89 0.00	29.59 2.24 -0.54	27.13 2.24 0.00	22.71 1.93 0.00	21.30 1.88 0.00	19.54 1.77 0.00	16.87 1.53 0.00	18.43 1.69 0.00	18.73 1.75 0.00	38.05 1.93 -18.65	32.86 2.34 -10.64	34.91 2.69 -8.36	54.60 2.50 -27.08	32.53 2.71 -2.23	36.83 2.60 -6.69	29.95 2.46 -0.99	25.74 2.05 0.00	26.41 1.69 0.00
HICKLING__1 23621	17.42 0.38 0.00	15.61 0.27 0.00	13.57 0.36 0.00	13.64 0.31 0.00	13.78 0.24 0.00	17.91 0.45 0.00	26.71 0.90 0.00	27.73 0.81 -0.10	25.62 0.73 0.00	21.28 0.50 0.00	19.49 0.07 0.00	17.83 0.06 0.00	15.16 -0.17 0.00	16.67 -0.07 0.00	16.79 -0.20 0.00	17.76 -0.12 -0.40	20.79 0.13 -0.78	25.97 0.41 -1.70	32.24 0.47 -6.76	28.04 0.45 0.00	28.21 0.67 0.00	27.25 0.76 0.00	24.59 0.90 0.00	25.55 0.82 0.00
HICKLING__2 23622	17.42 0.38 0.00	15.61 0.27 0.00	13.57 0.36 0.00	13.64 0.31 0.00	13.78 0.24 0.00	17.91 0.45 0.00	26.71 0.90 0.00	27.73 0.81 -0.10	25.62 0.73 0.00	21.28 0.50 0.00	19.49 0.07 0.00	17.83 0.06 0.00	15.16 -0.17 0.00	16.67 -0.07 0.00	16.79 -0.20 0.00	17.76 -0.12 -0.40	20.79 0.13 -0.78	25.97 0.41 -1.70	32.24 0.47 -6.76	28.04 0.45 0.00	28.21 0.67 0.00	27.25 0.76 0.00	24.59 0.90 0.00	25.55 0.82 0.00
HIGH FALLS__HY 23754	17.87 0.83 0.00	16.05 0.71 0.00	13.75 0.54 0.00	13.93 0.59 0.00	14.16 0.62 0.00	18.31 0.85 0.00	27.05 1.24 0.00	28.90 1.56 -0.52	26.44 1.55 0.00	22.08 1.30 0.00	20.59 1.17 0.00	18.84 1.07 0.00	16.17 0.84 0.00	17.65 0.91 0.00	17.96 0.98 0.00	20.84 1.16 -2.21	25.76 1.42 -4.45	33.26 1.67 -7.74	52.93 1.66 -26.25	29.43 1.84 0.00	29.52 1.98 0.00	28.28 1.78 0.00	25.14 1.45 0.00	25.88 1.15 0.00
HILLBURN__GT 23639	17.82 0.79 0.00	16.01 0.67 0.00	13.71 0.49 0.00	13.90 0.57 0.00	14.15 0.60 0.00	18.25 0.80 0.00	26.92 1.11 0.00	28.75 1.42 -0.51	26.35 1.46 0.00	22.08 1.30 0.00	20.68 1.26 0.00	18.95 1.17 0.00	16.39 1.06 0.00	17.89 1.15 0.00	18.22 1.24 0.00	21.05 1.42 -2.16	25.92 1.68 -4.36	33.33 1.90 -7.57	52.43 1.73 -25.69	29.34 1.75 0.00	29.21 1.67 0.00	28.02 1.53 0.00	24.93 1.24 0.00	25.70 0.97 0.00
HILLSIDE_115KV_TB1 80332	17.18 0.15 0.00	15.40 0.06 0.00	13.40 0.19 0.00	13.46 0.13 0.00	13.58 0.03 0.00	17.63 0.17 0.00	26.20 0.39 0.00	27.25 0.33 -0.11	25.20 0.31 0.00	20.93 0.15 0.00	19.17 -0.25 0.00	17.55 -0.23 0.00	14.92 -0.41 0.00	16.42 -0.31 0.00	16.54 -0.44 0.00	17.52 -0.36 -0.42	20.58 -0.12 -0.81	25.68 0.07 -1.76	32.04 0.06 -6.97	27.56 -0.03 0.00	27.77 0.23 0.00	26.81 0.32 0.00	24.14 0.44 0.00	25.13 0.40 0.00
HISHELDN_WT_PWR 323625	17.14 0.33 0.22	15.46 0.22 0.09	13.34 0.20 0.07	13.41 0.18 0.10	13.51 0.12 0.15	17.65 0.33 0.14	25.88 0.63 0.56	27.61 0.43 -0.36	25.31 0.40 -0.02	21.39 0.36 -0.24	19.45 0.03 0.00	17.81 0.03 0.00	15.18 -0.15 0.00	16.55 -0.18 0.00	16.66 -0.33 0.00	17.46 -0.28 -0.27	20.01 -0.32 -0.45	24.66 -0.39 -1.20	29.47 -0.43 -4.88	27.20 -0.39 0.00	27.21 -0.24 0.10	26.20 0.01 0.31	23.35 0.70 1.04	24.94 0.80 0.59
HOLTSVILLE_IC_1 23690	18.44 1.40 0.00	16.55 1.21 0.00	14.14 0.93 0.00	14.27 0.94 0.00	14.54 0.99 0.00	18.84 1.38 0.00	28.07 2.26 0.00	29.98 2.63 -0.54	27.48 2.59 0.00	22.96 2.17 0.00	21.48 2.06 0.00	19.70 1.93 0.00	17.00 1.67 0.00	18.62 1.88 0.00	18.90 1.92 0.00	38.31 2.18 -18.65	33.12 2.60 -10.64	35.21 2.99 -8.37	54.86 2.77 -27.08	32.89 3.06 -2.24	37.21 2.97 -6.69	30.32 2.83 -1.00	26.01 2.32 0.00	26.53 1.81 0.00
HOLTSVILLE_IC_10 23699	18.53 1.49 0.00	16.62 1.29 0.00	14.20 0.99 0.00	14.33 1.00 0.00	14.60 1.05 0.00	18.93 1.47 0.00	28.25 2.44 0.00	30.19 2.83 -0.54	27.66 2.77 0.00	23.11 2.33 0.00	21.61 2.20 0.00	19.83 2.05 0.00	17.11 1.78 0.00	18.74 2.00 0.00	19.03 2.04 0.00	38.45 2.32 -18.65	33.28 2.75 -10.64	35.41 3.19 -8.37	55.07 2.98 -27.08	33.13 3.30 -2.24	37.43 3.20 -6.69	30.55 3.06 -1.00	26.21 2.52 0.00	26.68 1.95 0.00

HOLTSVILLE_IC_2 23691	18.44 1.40 0.00	16.55 1.21 0.00	14.14 0.93 0.00	14.27 0.94 0.00	14.54 0.99 0.00	18.84 1.38 0.00	28.07 2.26 0.00	29.98 2.63 -0.54	27.48 2.59 0.00	22.96 2.17 0.00	21.48 2.06 0.00	19.70 1.93 0.00	17.00 1.67 0.00	18.62 1.88 0.00	18.90 1.92 0.00	38.31 2.18 -18.65	33.12 2.60 -10.64	35.21 2.99 -8.37	54.86 2.77 -27.08	32.89 3.06 -2.24	37.21 2.97 -6.69	30.32 2.83 -1.00	26.01 2.32 0.00	26.53 1.81 0.00
HOLTSVILLE_IC_3 23692	18.44 1.40 0.00	16.55 1.21 0.00	14.14 0.93 0.00	14.27 0.94 0.00	14.54 0.99 0.00	18.84 1.38 0.00	28.07 2.26 0.00	29.98 2.63 -0.54	27.48 2.59 0.00	22.96 2.17 0.00	21.48 2.06 0.00	19.70 1.93 0.00	17.00 1.67 0.00	18.62 1.88 0.00	18.90 1.92 0.00	38.31 2.18 -18.65	33.12 2.60 -10.64	35.21 2.99 -8.37	54.86 2.77 -27.08	32.89 3.06 -2.24	37.21 2.97 -6.69	30.32 2.83 -1.00	26.01 2.32 0.00	26.53 1.81 0.00
HOLTSVILLE_IC_4 23693	18.44 1.40 0.00	16.55 1.21 0.00	14.14 0.93 0.00	14.27 0.94 0.00	14.54 0.99 0.00	18.84 1.38 0.00	28.07 2.26 0.00	29.98 2.63 -0.54	27.48 2.59 0.00	22.96 2.17 0.00	21.48 2.06 0.00	19.70 1.93 0.00	17.00 1.67 0.00	18.62 1.88 0.00	18.90 1.92 0.00	38.31 2.18 -18.65	33.12 2.60 -10.64	35.21 2.99 -8.37	54.86 2.77 -27.08	32.89 3.06 -2.24	37.21 2.97 -6.69	30.32 2.83 -1.00	26.01 2.32 0.00	26.53 1.81 0.00
HOLTSVILLE_IC_5 23694	18.44 1.40 0.00	16.55 1.21 0.00	14.14 0.93 0.00	14.27 0.94 0.00	14.54 0.99 0.00	18.84 1.38 0.00	28.07 2.26 0.00	29.98 2.63 -0.54	27.48 2.59 0.00	22.96 2.17 0.00	21.48 2.06 0.00	19.70 1.93 0.00	17.00 1.67 0.00	18.62 1.88 0.00	18.90 1.92 0.00	38.31 2.18 -18.65	33.12 2.60 -10.64	35.21 2.99 -8.37	54.86 2.77 -27.08	32.89 3.06 -2.24	37.21 2.97 -6.69	30.32 2.83 -1.00	26.01 2.32 0.00	26.53 1.81 0.00
HOLTSVILLE_IC_6 23695	18.53 1.49 0.00	16.62 1.29 0.00	14.20 0.99 0.00	14.33 1.00 0.00	14.60 1.05 0.00	18.93 1.47 0.00	28.25 2.44 0.00	30.19 2.83 -0.54	27.66 2.77 0.00	23.11 2.33 0.00	21.61 2.20 0.00	19.83 2.05 0.00	17.11 1.78 0.00	18.74 2.00 0.00	19.03 2.04 0.00	38.45 2.32 -18.65	33.28 2.75 -10.64	35.41 3.19 -8.37	55.07 2.98 -27.08	33.13 3.30 -2.24	37.43 3.20 -6.69	30.55 3.06 -1.00	26.21 2.52 0.00	26.68 1.95 0.00
HOLTSVILLE_IC_7 23696	18.53 1.49 0.00	16.62 1.29 0.00	14.20 0.99 0.00	14.33 1.00 0.00	14.60 1.05 0.00	18.93 1.47 0.00	28.25 2.44 0.00	30.19 2.83 -0.54	27.66 2.77 0.00	23.11 2.33 0.00	21.61 2.20 0.00	19.83 2.05 0.00	17.11 1.78 0.00	18.74 2.00 0.00	19.03 2.04 0.00	38.45 2.32 -18.65	33.28 2.75 -10.64	35.41 3.19 -8.37	55.07 2.98 -27.08	33.13 3.30 -2.24	37.43 3.20 -6.69	30.55 3.06 -1.00	26.21 2.52 0.00	26.68 1.95 0.00
HOLTSVILLE_IC_8 23697	18.53 1.49 0.00	16.62 1.29 0.00	14.20 0.99 0.00	14.33 1.00 0.00	14.60 1.05 0.00	18.93 1.47 0.00	28.25 2.44 0.00	30.19 2.83 -0.54	27.66 2.77 0.00	23.11 2.33 0.00	21.61 2.20 0.00	19.83 2.05 0.00	17.11 1.78 0.00	18.74 2.00 0.00	19.03 2.04 0.00	38.45 2.32 -18.65	33.28 2.75 -10.64	35.41 3.19 -8.37	55.07 2.98 -27.08	33.13 3.30 -2.24	37.43 3.20 -6.69	30.55 3.06 -1.00	26.21 2.52 0.00	26.68 1.95 0.00
HOLTSVILLE_IC_9 23698	18.53 1.49 0.00	16.62 1.29 0.00	14.20 0.99 0.00	14.33 1.00 0.00	14.60 1.05 0.00	18.93 1.47 0.00	28.25 2.44 0.00	30.19 2.83 -0.54	27.66 2.77 0.00	23.11 2.33 0.00	21.61 2.20 0.00	19.83 2.05 0.00	17.11 1.78 0.00	18.74 2.00 0.00	19.03 2.04 0.00	38.45 2.32 -18.65	33.28 2.75 -10.64	35.41 3.19 -8.37	55.07 2.98 -27.08	33.13 3.30 -2.24	37.43 3.20 -6.69	30.55 3.06 -1.00	26.21 2.52 0.00	26.68 1.95 0.00
HOMER_HL_115KV_TB2 355744	17.87 0.83 0.00	15.97 0.64 0.00	13.79 0.58 0.00	13.90 0.57 0.00	14.10 0.56 0.00	18.32 0.86 0.00	27.23 1.42 0.00	28.21 1.31 -0.08	26.20 1.31 0.00	21.94 1.16 0.00	20.07 0.65 0.00	18.36 0.59 0.00	15.61 0.27 0.00	17.06 0.32 0.00	17.19 0.20 0.00	17.84 0.06 -0.30	20.83 0.41 -0.52	25.66 0.55 -1.26	30.54 0.55 -4.97	28.21 0.62 0.00	28.35 0.80 0.00	27.68 1.18 0.00	25.48 1.78 0.00	26.64 1.91 0.00
HOWARD_WT_PWR 323690	17.34 0.30 0.00	15.71 0.37 0.00	13.53 0.32 0.00	13.68 0.35 0.00	13.88 0.34 0.00	18.07 0.62 0.00	27.21 1.18 -0.22	28.46 0.98 -0.67	25.76 0.83 -0.04	21.91 0.64 -0.48	19.65 0.23 0.00	17.89 0.12 0.00	15.21 -0.12 0.00	16.65 -0.09 0.00	16.79 -0.20 0.00	17.65 -0.17 -0.35	20.59 0.05 -0.65	25.58 0.28 -1.45	31.11 0.42 -5.68	27.90 0.31 0.00	28.10 0.56 0.00	27.34 0.85 0.00	24.92 1.22 0.00	25.99 1.26 0.00
HQ_GEN_CEDARS 23644	16.93 -0.11 0.00	15.27 -0.07 0.00	13.16 -0.05 0.00	13.24 -0.09 0.00	13.42 -0.13 0.00	17.24 -0.22 0.00	25.45 -0.36 0.00	26.22 -0.59 0.00	24.33 -0.57 0.00	20.30 -0.49 0.00	18.99 -0.43 0.00	17.35 -0.42 0.00	14.98 -0.36 0.00	16.41 -0.33 0.00	16.66 -0.33 0.00	17.07 -0.40 0.00	19.43 -0.45 0.00	23.37 -0.48 0.00	24.54 -0.48 0.00	27.19 -0.40 0.00	27.16 -0.39 0.00	26.23 -0.26 0.00	23.36 -0.33 0.00	24.61 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	16.93 -0.11 0.00	15.27 -0.07 0.00	13.16 -0.05 0.00	13.24 -0.09 0.00	13.42 -0.13 0.00	17.24 -0.22 0.00	25.45 -0.36 0.00	26.22 -0.59 0.00	24.33 -0.57 0.00	20.30 -0.49 0.00	18.99 -0.43 0.00	17.35 -0.42 0.00	14.98 -0.35 0.00	16.41 -0.33 0.00	16.66 -0.33 0.00	17.07 -0.40 0.00	19.43 -0.45 0.00	23.36 -0.49 0.00	24.54 -0.48 0.00	27.19 -0.40 0.00	27.15 -0.39 0.00	26.24 -0.26 0.00	23.36 -0.33 0.00	24.61 -0.12 0.00
HQ_GEN_IMPORT 323601	16.88 -0.15 0.00	15.21 -0.13 0.00	13.11 -0.10 0.00	13.22 -0.11 0.00	13.42 -0.12 0.00	17.27 -0.19 0.00	25.50 -0.31 0.00	26.36 -0.46 0.00	24.48 -0.41 0.00	20.46 -0.33 0.00	19.17 -0.25 0.00	17.53 -0.25 0.00	15.13 -0.21 0.00	16.55 -0.19 0.00	16.80 -0.19 0.00	17.21 -0.26 0.00	19.59 -0.30 0.00	23.51 -0.34 0.00	24.66 -0.36 0.00	27.23 -0.36 0.00	27.82 -0.36 -0.63	26.18 -0.32 0.00	23.37 -0.32 0.00	24.57 -0.15 0.00
HQ_GEN_WHEEL 23651	16.88 -0.15 0.00	15.21 -0.13 0.00	13.11 -0.10 0.00	13.22 -0.11 0.00	13.42 -0.12 0.00	17.27 -0.19 0.00	25.50 -0.31 0.00	26.36 -0.46 0.00	24.48 -0.41 0.00	20.46 -0.33 0.00	19.17 -0.25 0.00	17.53 -0.25 0.00	15.13 -0.21 0.00	16.55 -0.19 0.00	16.80 -0.19 0.00	17.21 -0.26 0.00	19.59 -0.30 0.00	23.51 -0.34 0.00	24.66 -0.36 0.00	27.23 -0.36 0.00	27.82 -0.36 -0.63	26.18 -0.32 0.00	23.37 -0.32 0.00	24.57 -0.15 0.00
HUDSON_AVE_GT_3 23810	17.93 0.89 0.00	16.12 0.78 0.00	13.81 0.60 0.00	13.97 0.64 0.00	14.22 0.68 0.00	18.35 0.89 0.00	27.12 1.32 0.00	29.07 1.71 -0.54	26.71 1.82 0.00	22.42 1.64 0.00	20.98 1.56 0.00	19.24 1.46 0.00	16.65 1.32 0.00	18.16 1.41 0.00	18.49 1.50 0.00	21.46 1.71 -2.28	26.48 2.00 -4.59	34.07 2.23 -7.98	54.10 2.01 -27.07	29.68 2.09 0.00	29.54 2.00 0.00	28.40 1.90 0.00	25.26 1.57 0.00	25.89 1.16 0.00

HUDSON AVE_GT_4 23540	17.93 0.89 0.00	16.12 0.78 0.00	13.81 0.60 0.00	13.97 0.64 0.00	14.22 0.68 0.00	18.35 0.89 0.00	27.12 1.32 0.00	29.07 1.71 -0.54	26.71 1.82 0.00	22.42 1.64 0.00	20.98 1.56 0.00	19.24 1.46 0.00	16.65 1.32 0.00	18.16 1.41 0.00	18.49 1.50 0.00	21.46 1.71 -2.28	26.48 2.00 -4.59	34.07 2.23 -7.98	54.10 2.01 -27.07	29.68 2.09 0.00	29.54 2.00 0.00	28.40 1.90 0.00	25.26 1.57 0.00	25.89 1.16 0.00
HUDSON AVE_GT_5 23657	17.93 0.89 0.00	16.12 0.78 0.00	13.81 0.60 0.00	13.97 0.64 0.00	14.22 0.68 0.00	18.35 0.89 0.00	27.12 1.32 0.00	29.07 1.71 -0.54	26.71 1.82 0.00	22.42 1.64 0.00	20.98 1.56 0.00	19.24 1.46 0.00	16.65 1.32 0.00	18.16 1.41 0.00	18.49 1.50 0.00	21.46 1.71 -2.28	26.48 2.00 -4.59	34.07 2.23 -7.98	54.10 2.01 -27.07	29.68 2.09 0.00	29.54 2.00 0.00	28.40 1.90 0.00	25.26 1.57 0.00	25.89 1.16 0.00
HUDSON_AVE_10 24168	17.84 0.80 0.00	16.06 0.72 0.00	13.77 0.55 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.28 0.82 0.00	27.02 1.22 0.00	28.97 1.61 -0.54	26.61 1.72 0.00	22.33 1.55 0.00	20.88 1.47 0.00	19.15 1.37 0.00	16.58 1.25 0.00	18.07 1.33 0.00	18.41 1.42 0.00	21.35 1.61 -2.28	26.37 1.89 -4.59	33.92 2.09 -7.98	53.96 1.87 -27.07	29.54 1.95 0.00	29.39 1.85 0.00	28.25 1.75 0.00	25.16 1.47 0.00	25.77 1.04 0.00
HUDSON___115KV_TB 4 355613	17.60 0.56 0.00	15.86 0.52 0.00	13.66 0.45 0.00	13.80 0.47 0.00	14.05 0.50 0.00	18.07 0.61 0.00	26.73 0.92 0.00	28.69 1.24 -0.64	25.91 1.02 0.00	21.47 0.69 0.00	19.96 0.54 0.00	18.27 0.49 0.00	15.80 0.47 0.00	17.23 0.49 0.00	17.55 0.56 0.00	20.83 0.66 -2.70	26.19 0.87 -5.44	34.54 1.22 -9.46	58.45 1.36 -32.08	29.07 1.47 0.00	28.98 1.44 0.00	27.79 1.30 0.00	24.65 0.96 0.00	25.34 0.61 0.00
HUNTER MOUNT___DRP 323613	17.69 0.65 0.00	15.94 0.60 0.00	13.75 0.53 0.00	13.87 0.54 0.00	14.13 0.58 0.00	18.17 0.71 0.00	26.93 1.12 0.00	28.88 1.45 -0.62	26.05 1.17 0.00	21.54 0.76 0.00	20.00 0.58 0.00	18.30 0.52 0.00	15.84 0.50 0.00	17.27 0.53 0.00	17.59 0.60 -2.62	20.78 0.69 -5.29	26.07 0.90 -9.19	34.39 1.34 -31.19	57.73 1.53 0.00	29.27 1.68 0.00	29.18 1.64 0.00	27.97 1.47 0.00	24.80 1.10 0.00	25.46 0.73 0.00
HUNTINGTON_RES_REC 323705	18.31 1.27 0.00	16.43 1.09 0.00	14.04 0.83 0.00	14.16 0.83 0.00	14.43 0.89 0.00	18.71 1.25 0.00	27.87 2.07 0.00	29.79 2.43 -0.54	27.31 2.42 0.00	22.82 2.04 0.00	21.35 1.94 0.00	19.59 1.81 0.00	16.91 1.58 0.00	18.51 1.77 0.00	18.82 1.84 0.00	38.22 2.10 -18.65	33.03 2.50 -10.64	35.11 2.88 -8.37	54.74 2.64 -27.08	32.74 2.91 -2.24	37.04 2.80 -6.69	30.15 2.66 -1.00	25.85 2.15 0.00	26.35 1.62 0.00
HUNTLEY___63 23557	17.51 0.47 0.00	15.65 0.31 0.00	13.45 0.23 0.00	13.52 0.19 0.00	13.67 0.13 0.00	17.81 0.35 0.00	26.40 0.59 0.00	27.25 0.36 -0.07	25.23 0.33 0.00	21.14 0.36 0.00	19.47 0.06 0.00	17.87 0.10 0.00	15.23 -0.10 0.00	16.59 -0.15 0.00	16.68 -0.31 0.00	17.41 -0.29 -0.24	19.73 -0.52 -0.37	24.21 -0.71 -1.07	28.65 -0.74 -4.37	26.91 -0.68 0.00	26.94 -0.60 0.00	26.14 -0.35 0.00	24.27 0.58 0.00	25.47 0.74 0.00
HUNTLEY___64 23558	17.51 0.47 0.00	15.65 0.31 0.00	13.45 0.23 0.00	13.52 0.19 0.00	13.67 0.13 0.00	17.81 0.35 0.00	26.40 0.59 0.00	27.25 0.36 -0.07	25.23 0.33 0.00	21.14 0.36 0.00	19.47 0.06 0.00	17.87 0.10 0.00	15.23 -0.10 0.00	16.59 -0.15 0.00	16.68 -0.31 0.00	17.41 -0.29 -0.24	19.73 -0.52 -0.37	24.21 -0.71 -1.07	28.65 -0.74 -4.37	26.91 -0.68 0.00	26.94 -0.60 0.00	26.14 -0.35 0.00	24.27 0.58 0.00	25.47 0.74 0.00
HUNTLEY___65 23559	17.51 0.47 0.00	15.65 0.31 0.00	13.45 0.23 0.00	13.52 0.19 0.00	13.67 0.13 0.00	17.81 0.35 0.00	26.40 0.59 0.00	27.25 0.36 -0.07	25.23 0.33 0.00	21.14 0.36 0.00	19.47 0.06 0.00	17.87 0.10 0.00	15.23 -0.10 0.00	16.59 -0.15 0.00	16.68 -0.31 0.00	17.41 -0.29 -0.24	19.73 -0.52 -0.37	24.21 -0.71 -1.07	28.65 -0.74 -4.37	26.91 -0.68 0.00	26.94 -0.60 0.00	26.14 -0.35 0.00	24.27 0.58 0.00	25.47 0.74 0.00
HUNTLEY___66 23560	17.51 0.47 0.00	15.65 0.31 0.00	13.45 0.23 0.00	13.52 0.19 0.00	13.67 0.13 0.00	17.81 0.35 0.00	26.40 0.59 0.00	27.25 0.36 -0.07	25.23 0.33 0.00	21.14 0.36 0.00	19.47 0.06 0.00	17.87 0.10 0.00	15.23 -0.10 0.00	16.59 -0.15 0.00	16.68 -0.31 0.00	17.41 -0.29 -0.24	19.73 -0.52 -0.37	24.21 -0.71 -1.07	28.65 -0.74 -4.37	26.91 -0.68 0.00	26.94 -0.60 0.00	26.14 -0.35 0.00	24.27 0.58 0.00	25.47 0.74 0.00
HUNTLEY___67 23561	17.32 0.28 0.00	15.49 0.15 0.00	13.31 0.10 0.00	13.40 0.07 0.00	13.54 0.00 0.00	17.62 0.16 0.00	26.14 0.33 0.00	27.01 0.12 -0.07	25.03 0.14 0.00	20.96 0.18 0.00	19.32 -0.10 0.00	17.72 -0.05 0.00	15.10 -0.23 0.00	16.45 -0.29 0.00	16.53 -0.45 0.00	17.28 -0.43 -0.24	19.60 -0.64 -0.36	24.09 -0.84 -1.07	28.50 -0.89 -4.39	26.74 -0.85 0.00	26.78 -0.76 0.00	26.01 -0.49 0.00	24.11 0.41 0.00	25.28 0.55 0.00
HUNTLEY___68 23562	17.32 0.28 0.00	15.49 0.15 0.00	13.31 0.10 0.00	13.40 0.07 0.00	13.54 0.00 0.00	17.62 0.16 0.00	26.14 0.33 0.00	27.01 0.12 -0.07	25.03 0.14 0.00	20.96 0.18 0.00	19.32 -0.10 0.00	17.72 -0.05 0.00	15.10 -0.23 0.00	16.45 -0.29 0.00	16.53 -0.45 0.00	17.28 -0.43 -0.24	19.60 -0.64 -0.36	24.09 -0.84 -1.07	28.50 -0.89 -4.39	26.74 -0.85 0.00	26.78 -0.76 0.00	26.01 -0.49 0.00	24.11 0.41 0.00	25.28 0.55 0.00
HYLAND___LFGE 323620	17.88 0.90 0.06	16.05 0.73 0.03	13.81 0.61 0.02	13.92 0.61 0.03	14.10 0.60 0.04	18.40 0.98 0.04	27.70 1.91 0.02	29.25 1.91 -0.52	26.32 1.40 -0.03	21.82 0.66 -0.37	19.69 0.27 0.00	18.00 0.22 0.00	15.36 0.03 0.00	16.75 0.01 0.00	16.86 -0.12 0.00	17.69 -0.09 -0.30	20.43 -0.04 -0.58	25.16 0.06 -1.24	30.37 0.55 -4.81	28.74 1.15 0.00	28.84 1.33 0.03	27.82 1.40 0.08	25.14 1.72 0.27	26.16 1.59 0.15
INDECK___CORINTH 23802	18.11 1.07 0.00	16.33 0.99 0.00	14.02 0.81 0.00	14.13 0.80 0.00	14.42 0.88 0.00	18.71 1.25 0.00	27.76 1.96 0.00	29.83 2.35 -0.67	26.91 2.02 0.00	22.30 1.51 0.00	20.70 1.28 0.00	18.84 1.06 0.00	16.19 0.86 0.00	17.48 0.73 0.00	17.78 0.80 0.00	21.25 0.94 -2.84	26.63 1.02 -5.72	35.20 1.40 -9.95	60.18 1.41 -33.76	28.91 1.32 0.00	28.94 1.40 0.00	27.74 1.25 0.00	25.19 1.50 0.00	26.23 1.51 0.00
INDECK___ILION 23567	17.07 0.03 0.00	15.39 0.05 0.00	13.26 0.04 0.00	13.37 0.04 0.00	13.59 0.05 0.00	17.55 0.10 0.00	25.88 0.07 0.00	27.05 0.24 0.00	25.03 0.13 0.00	20.82 0.04 0.00	19.43 0.01 0.00	17.76 -0.02 0.00	15.31 -0.02 0.00	16.71 -0.03 0.00	16.99 0.00 0.00	17.53 0.06 0.00	20.00 0.11 0.00	24.08 0.22 0.00	25.27 0.26 0.00	27.82 0.23 0.00	27.79 0.24 0.00	26.71 0.22 0.00	23.83 0.13 0.00	24.68 -0.05 0.00



INDECK___OLEAN 23982	17.36 0.83 0.50	15.76 0.64 0.21	13.63 0.58 0.16	13.67 0.58 0.24	13.75 0.57 0.36	18.00 0.86 0.31	25.67 1.44 1.58	28.10 1.31 0.03	26.19 1.31 0.01	21.85 1.16 0.09	20.07 0.66 0.00	18.36 0.58 0.00	15.63 0.29 0.00	17.06 0.31 0.00	17.19 0.20 0.00	17.84 0.06 -0.30	20.90 0.49 -0.52	25.67 0.56 -1.26	30.53 0.54 -4.97	28.19 0.60 0.00	28.12 0.80 0.23	26.98 1.20 0.72	23.05 1.77 2.42	25.28 1.92 1.37
INDECK___OSWEGO 23783	17.38 0.35 0.00	15.65 0.31 0.00	13.47 0.26 0.00	13.59 0.26 0.00	13.80 0.26 0.00	17.89 0.43 0.00	26.55 0.75 0.00	27.59 0.73 -0.05	25.47 0.58 0.00	21.17 0.38 0.00	19.67 0.25 0.00	18.01 0.24 0.00	15.48 0.15 0.00	16.85 0.11 0.00	17.00 0.02 0.00	17.71 0.03 -0.21	20.52 0.20 -0.44	24.99 0.34 -0.80	28.26 0.43 -2.82	28.16 0.57 0.00	28.12 0.58 0.00	27.03 0.54 0.00	24.35 0.65 0.00	25.52 0.79 0.00
INDECK___YERKES 23781	17.17 0.49 0.36	15.51 0.33 0.15	13.35 0.25 0.11	13.37 0.21 0.17	13.44 0.15 0.25	17.62 0.38 0.22	25.38 0.65 1.09	27.29 0.40 -0.07	25.26 0.37 0.00	21.16 0.38 0.00	19.50 0.09 0.00	17.90 0.12 0.00	15.28 -0.06 0.00	16.62 -0.12 0.00	16.70 -0.28 0.00	17.44 -0.26 -0.24	19.79 -0.46 -0.37	24.26 -0.67 -1.07	28.69 -0.70 -4.37	26.94 -0.65 0.00	26.82 -0.57 0.16	25.70 -0.29 0.51	22.60 0.61 1.70	24.55 0.79 0.96
INDIAN POINT_GT_1 24139	17.81 0.77 0.00	16.00 0.66 0.00	13.70 0.49 0.00	13.88 0.55 0.00	14.13 0.58 0.00	18.23 0.77 0.00	26.95 1.14 0.00	28.84 1.49 -0.53	26.42 1.52 0.00	22.13 1.34 0.00	20.70 1.28 0.00	18.97 1.20 0.00	16.41 1.08 0.00	17.90 1.17 0.00	18.23 1.25 0.00	21.15 1.44 -2.25	26.12 1.70 -4.54	33.68 1.94 -7.88	53.53 1.79 -26.73	29.41 1.82 0.00	29.29 1.75 0.00	28.12 1.62 0.00	25.00 1.31 0.00	25.66 0.93 0.00
INDIAN POINT_GT_2 23659	17.81 0.77 0.00	16.00 0.66 0.00	13.70 0.49 0.00	13.88 0.55 0.00	14.13 0.58 0.00	18.23 0.77 0.00	26.95 1.14 0.00	28.84 1.49 -0.53	26.42 1.52 0.00	22.13 1.34 0.00	20.70 1.28 0.00	18.97 1.20 0.00	16.41 1.08 0.00	17.90 1.17 0.00	18.23 1.25 0.00	21.15 1.44 -2.25	26.12 1.70 -4.54	33.68 1.94 -7.88	53.53 1.79 -26.73	29.41 1.82 0.00	29.29 1.75 0.00	28.12 1.62 0.00	25.00 1.31 0.00	25.66 0.93 0.00
INDIAN POINT_GT_3 24019	17.81 0.77 0.00	16.00 0.66 0.00	13.70 0.49 0.00	13.88 0.55 0.00	14.13 0.58 0.00	18.23 0.77 0.00	26.95 1.14 0.00	28.84 1.49 -0.53	26.42 1.52 0.00	22.13 1.34 0.00	20.70 1.28 0.00	18.97 1.20 0.00	16.41 1.08 0.00	17.90 1.17 0.00	18.23 1.25 0.00	21.15 1.44 -2.25	26.12 1.70 -4.54	33.68 1.94 -7.88	53.53 1.79 -26.73	29.41 1.82 0.00	29.29 1.75 0.00	28.12 1.62 0.00	25.00 1.31 0.00	25.66 0.93 0.00
INDIAN POINT___2 23530	17.80 0.76 0.00	16.00 0.65 0.00	13.70 0.48 0.00	13.87 0.54 0.00	14.12 0.58 0.00	18.22 0.76 0.00	26.94 1.13 0.00	28.82 1.48 -0.53	26.40 1.51 0.00	22.12 1.33 0.00	20.70 1.28 0.00	18.97 1.20 0.00	16.41 1.07 0.00	17.90 1.16 0.00	18.22 1.24 0.00	21.12 1.43 -2.22	26.06 1.69 -4.48	33.57 1.93 -7.79	53.21 1.77 -26.42	29.39 1.80 0.00	29.26 1.72 0.00	28.10 1.60 0.00	24.98 1.29 0.00	25.65 0.93 0.00
INDIAN POINT___3 23531	17.80 0.77 0.00	16.00 0.66 0.00	13.70 0.49 0.00	13.88 0.55 0.00	14.13 0.58 0.00	18.23 0.77 0.00	26.94 1.14 0.00	28.83 1.48 -0.54	26.41 1.52 0.00	22.12 1.33 0.00	20.69 1.27 0.00	18.96 1.19 0.00	16.40 1.07 0.00	17.89 1.15 0.00	18.22 1.24 0.00	21.15 1.42 -2.25	26.12 1.68 -4.55	33.68 1.92 -7.90	53.59 1.77 -26.80	29.40 1.81 0.00	29.28 1.73 0.00	28.11 1.61 0.00	24.99 1.30 0.00	25.65 0.92 0.00
INGHAM_C_115KV_TB7 356103	17.00 -0.04 0.00	15.36 0.02 0.00	13.23 0.01 0.00	13.32 -0.01 0.00	13.55 0.01 0.00	17.53 0.08 0.00	25.72 -0.08 0.00	27.07 0.25 0.00	25.03 0.14 0.00	20.66 -0.12 0.00	19.24 -0.17 0.00	17.56 -0.22 0.00	15.13 -0.20 0.00	16.51 -0.23 0.00	16.83 -0.15 0.00	17.44 -0.03 0.00	19.95 0.07 0.00	24.12 0.27 0.00	25.35 0.33 0.00	27.84 0.25 0.00	27.82 0.28 0.00	26.74 0.24 0.00	23.79 0.10 0.00	24.46 -0.27 0.00
IP CORINTH___1 23988	18.11 1.07 0.00	16.33 0.99 0.00	14.02 0.81 0.00	14.13 0.80 0.00	14.42 0.88 0.00	18.71 1.25 0.00	27.76 1.95 0.00	29.83 2.34 -0.67	26.91 2.02 0.00	22.30 1.51 0.00	20.70 1.28 0.00	18.86 1.08 0.00	16.23 0.90 0.00	17.55 0.81 0.00	17.87 0.89 0.00	21.33 1.03 -2.84	26.74 1.14 -5.72	35.34 1.53 -9.95	60.32 1.55 -33.76	29.06 1.47 0.00	29.10 1.56 0.00	27.90 1.40 0.00	25.22 1.52 0.00	26.23 1.51 0.00
IP___TICONDEROGA 23804	18.54 1.51 0.00	16.86 1.52 0.00	14.45 1.24 0.00	14.50 1.17 0.00	14.87 1.32 0.00	19.52 2.06 0.00	28.99 3.19 0.00	31.52 4.04 -0.67	28.23 3.34 0.00	23.18 2.40 0.00	21.37 1.96 0.00	19.51 1.74 0.00	16.90 1.56 0.00	18.41 1.67 0.00	18.82 1.84 0.00	22.38 2.08 -2.84	28.04 2.44 -5.72	36.99 3.19 -9.94	62.04 3.29 -33.73	30.85 3.26 0.00	30.60 3.06 0.00	29.22 2.72 0.00	26.08 2.38 0.00	27.05 2.32 0.00
ISLIP_RES_REC 323679	18.62 1.58 0.00	16.70 1.37 0.00	14.27 1.05 0.00	14.39 1.07 0.00	14.67 1.12 0.00	19.02 1.56 0.00	28.40 2.60 0.00	30.35 2.99 -0.54	27.83 2.94 0.00	23.25 2.47 0.00	21.74 2.32 0.00	19.94 2.16 0.00	17.21 1.88 0.00	18.85 2.11 0.00	19.14 2.16 0.00	38.57 2.45 -18.65	33.44 2.92 -10.64	35.61 3.40 -8.37	55.28 3.18 -27.08	33.34 3.51 -2.24	37.64 3.40 -6.69	30.74 3.25 -1.00	26.37 2.68 0.00	26.82 2.09 0.00
JAMAICA__27_KV_LOAD 355505	17.95 0.91 0.00	16.18 0.84 0.00	13.90 0.69 0.00	14.06 0.73 0.00	14.30 0.76 0.00	18.43 0.98 0.00	27.26 1.45 0.00	29.24 1.89 -0.54	26.85 1.96 0.00	22.49 1.70 0.00	20.97 1.55 0.00	19.22 1.45 0.00	16.65 1.32 0.00	18.14 1.40 0.00	18.48 1.50 0.00	21.40 1.66 -2.28	26.44 1.96 -4.59	34.01 2.17 -7.98	54.04 1.96 -27.07	29.68 2.09 0.00	29.53 1.99 0.00	28.38 1.89 0.00	25.37 1.67 0.00	25.91 1.18 0.00
JANIS___SOLAR 323808	17.88 0.76 -0.08	16.00 0.63 -0.04	13.80 0.57 -0.03	13.95 0.58 -0.04	14.18 0.58 -0.06	18.38 0.88 -0.05	27.60 1.51 -0.29	28.69 1.61 -0.27	26.24 1.34 -0.01	21.75 0.87 -0.10	19.92 0.51 0.00	18.18 0.40 0.00	15.65 0.31 0.00	17.07 0.33 0.00	17.25 0.27 0.00	18.38 0.31 -0.60	21.71 0.61 -1.21	27.04 1.00 -2.19	33.85 1.32 -7.52	29.14 1.55 0.00	29.12 1.54 -0.04	28.08 1.46 -0.12	25.48 1.39 -0.40	26.30 1.35 -0.22
JARVIS____ 23743	17.07 0.03 0.00	15.37 0.03 0.00	13.24 0.02 0.00	13.36 0.03 0.00	13.58 0.04 0.00	17.51 0.05 0.00	25.87 0.06 0.00	26.92 0.11 0.00	24.99 0.10 0.00	20.86 0.08 0.00	19.48 0.06 0.00	17.83 0.05 0.00	15.39 0.05 0.00	16.79 0.05 0.00	17.03 0.05 0.00	17.53 0.06 0.00	19.96 0.08 0.00	23.95 0.09 0.00	25.11 0.10 0.00	27.69 0.10 0.00	27.63 0.08 0.00	26.58 0.09 0.00	23.76 0.07 0.00	24.74 0.01 0.00

JENNISON___1 23625	17.85 0.81 0.00	16.02 0.68 0.00	13.83 0.62 0.00	13.96 0.63 0.00	14.18 0.63 0.00	18.38 0.92 0.00	27.44 1.63 0.00	28.82 1.81 -0.19	26.54 1.64 0.00	22.05 1.27 0.00	20.38 0.97 0.00	18.62 0.85 0.00	16.04 0.71 0.00	17.52 0.78 0.00	17.76 0.77 0.00	19.11 0.85 -0.80	22.62 1.12 -1.62	28.20 1.49 -2.86	36.33 1.68 -9.64	29.40 1.81 0.00	29.22 1.68 0.00	28.07 1.57 0.00	25.09 1.40 0.00	25.99 1.27 0.00
JENNISON___2 23626	17.85 0.81 0.00	16.02 0.68 0.00	13.83 0.62 0.00	13.96 0.63 0.00	14.18 0.63 0.00	18.38 0.92 0.00	27.44 1.63 0.00	28.82 1.81 -0.19	26.54 1.64 0.00	22.05 1.27 0.00	20.38 0.97 0.00	18.62 0.85 0.00	16.04 0.71 0.00	17.52 0.78 0.00	17.76 0.77 0.00	19.11 0.85 -0.80	22.62 1.12 -1.62	28.20 1.49 -2.86	36.33 1.68 -9.64	29.40 1.81 0.00	29.22 1.68 0.00	28.07 1.57 0.00	25.09 1.40 0.00	25.99 1.27 0.00
JERICHO_RISE_WT_PWR 323719	16.98 -0.05 0.00	15.36 0.02 0.00	13.18 -0.04 0.00	13.23 -0.10 0.00	13.42 -0.12 0.00	17.27 -0.19 0.00	25.42 -0.38 0.00	26.05 -0.77 0.00	24.33 -0.56 0.00	20.33 -0.45 0.00	18.89 -0.53 0.00	17.17 -0.60 0.00	14.90 -0.43 0.00	16.41 -0.33 0.00	16.74 -0.25 0.00	17.26 -0.21 0.00	19.65 -0.24 0.00	23.59 -0.26 0.00	25.07 0.05 0.00	27.70 0.11 0.00	27.58 0.04 0.00	26.61 0.11 0.00	23.56 -0.13 0.00	24.79 0.06 0.00
KATONAH___115KV_46KV_TB4 355592	17.90 0.86 0.00	16.09 0.75 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.20 0.65 0.00	18.32 0.87 0.00	27.11 1.30 0.00	29.04 1.68 -0.55	26.58 1.69 0.00	22.25 1.47 0.00	20.80 1.39 0.00	19.03 1.26 0.00	16.49 1.16 0.00	17.99 1.25 0.00	18.32 1.34 0.00	21.30 1.53 -2.31	26.36 1.82 -4.65	34.04 2.10 -8.09	54.42 1.97 -27.44	29.63 2.04 0.00	29.51 1.97 0.00	28.31 1.82 0.00	25.16 1.46 0.00	25.79 1.06 0.00
KCE_NY_1 323755	17.94 0.90 0.00	16.18 0.85 0.00	13.89 0.68 0.00	14.00 0.67 0.00	14.28 0.73 0.00	18.48 1.02 0.00	27.33 1.52 0.00	29.34 1.85 -0.67	26.46 1.57 0.00	21.98 1.20 0.00	20.45 1.04 0.00	18.68 0.91 0.00	16.13 0.80 0.00	17.54 0.80 0.00	17.87 0.88 0.00	21.34 1.04 -2.83	26.85 1.26 -5.71	35.43 1.65 -9.93	60.43 1.72 -33.70	29.32 1.72 0.00	29.26 1.72 0.00	28.08 1.59 0.00	25.07 1.37 0.00	25.89 1.16 0.00
KCE_NY_6_ESR 323823	17.14 0.49 0.39	15.50 0.33 0.17	13.37 0.28 0.12	13.39 0.25 0.19	13.45 0.19 0.28	17.62 0.40 0.24	25.37 0.75 1.19	27.43 0.54 -0.07	25.43 0.54 0.00	21.29 0.50 0.00	19.59 0.18 0.00	17.97 0.19 0.00	15.34 0.00 0.00	16.70 -0.04 0.00	16.79 -0.19 0.00	17.58 -0.13 -0.25	20.04 -0.23 -0.39	24.65 -0.32 -1.12	29.21 -0.35 -4.54	27.32 -0.27 0.00	27.22 -0.15 0.18	26.06 0.11 0.55	22.71 0.88 1.87	24.69 1.02 1.06
KEDC_PORT_JEFF_GT2 24210	18.49 1.46 0.00	16.60 1.26 0.00	14.18 0.97 0.00	14.30 0.98 0.00	14.57 1.03 0.00	18.89 1.44 0.00	28.17 2.36 0.00	30.09 2.74 -0.54	27.58 2.69 0.00	23.04 2.26 0.00	21.55 2.13 0.00	19.77 2.00 0.00	17.06 1.73 0.00	18.68 1.94 0.00	18.97 1.99 0.00	38.38 2.26 -18.65	33.10 2.57 -10.64	35.20 2.97 -8.37	54.85 2.76 -27.08	32.88 3.05 -2.24	37.27 3.03 -6.69	30.46 2.97 -1.00	26.13 2.43 0.00	26.63 1.90 0.00
KEDC_PORT_JEFF_GT3 24211	18.49 1.46 0.00	16.60 1.26 0.00	14.18 0.97 0.00	14.30 0.98 0.00	14.57 1.03 0.00	18.89 1.44 0.00	28.17 2.36 0.00	30.09 2.74 -0.54	27.58 2.69 0.00	23.04 2.26 0.00	21.55 2.13 0.00	19.77 2.00 0.00	17.06 1.73 0.00	18.68 1.94 0.00	18.97 1.99 0.00	38.38 2.26 -18.65	33.10 2.57 -10.64	35.20 2.97 -8.37	54.85 2.76 -27.08	32.88 3.05 -2.24	37.27 3.03 -6.69	30.46 2.97 -1.00	26.13 2.43 0.00	26.63 1.90 0.00
KEDC_GLWD_GT4 24219	18.10 1.06 0.00	16.25 0.91 0.00	13.91 0.69 0.00	14.05 0.72 0.00	14.31 0.77 0.00	18.50 1.05 0.00	27.40 1.60 0.00	29.32 1.96 -0.54	26.87 1.98 0.00	22.43 1.65 0.00	21.03 1.62 0.00	19.29 1.52 0.00	16.68 1.35 0.00	18.28 1.53 0.00	18.60 1.62 0.00	37.94 1.82 -18.65	32.56 2.04 -10.64	34.54 2.32 -8.37	54.21 2.12 -27.08	32.06 2.23 -2.24	36.47 2.23 -6.69	29.64 2.15 -1.00	25.46 1.76 0.00	26.09 1.36 0.00
KEDC_GLWD_GT5 24220	18.10 1.06 0.00	16.25 0.91 0.00	13.91 0.69 0.00	14.05 0.72 0.00	14.31 0.77 0.00	18.50 1.05 0.00	27.40 1.60 0.00	29.32 1.96 -0.54	26.87 1.98 0.00	22.43 1.65 0.00	21.03 1.62 0.00	19.29 1.52 0.00	16.68 1.35 0.00	18.28 1.53 0.00	18.60 1.62 0.00	37.94 1.82 -18.65	32.56 2.04 -10.64	34.54 2.32 -8.37	54.21 2.12 -27.08	32.06 2.23 -2.24	36.47 2.23 -6.69	29.64 2.15 -1.00	25.46 1.76 0.00	26.09 1.36 0.00
KENSICO____ 23655	17.85 0.82 0.00	16.05 0.71 0.00	13.75 0.54 0.00	13.91 0.58 0.00	14.16 0.62 0.00	18.27 0.81 0.00	27.03 1.22 0.00	28.94 1.59 -0.54	26.51 1.62 0.00	22.21 1.43 0.00	20.78 1.36 0.00	19.05 1.27 0.00	16.47 1.14 0.00	17.97 1.23 0.00	18.30 1.32 0.00	21.25 1.51 -2.27	26.25 1.78 -4.58	33.85 2.03 -7.96	53.90 1.87 -27.01	29.52 1.93 0.00	29.40 1.86 0.00	28.22 1.72 0.00	25.09 1.40 0.00	25.73 1.01 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.90 0.86 0.00	16.08 0.74 0.00	13.78 0.57 0.00	13.95 0.63 0.00	14.20 0.65 0.00	18.35 0.89 0.00	27.10 1.29 0.00	28.93 1.63 -0.49	26.47 1.58 0.00	22.08 1.30 0.00	20.58 1.16 0.00	18.84 1.06 0.00	16.14 0.81 0.00	17.61 0.87 0.00	17.93 0.95 0.00	20.63 1.12 -2.04	25.39 1.38 -4.12	32.67 1.64 -7.17	50.98 1.66 -24.30	29.44 1.84 0.00	29.57 2.03 0.00	28.31 1.82 0.00	25.17 1.48 0.00	25.88 1.15 0.00
KIAC_JFK_GT1 23816	17.85 0.81 0.00	16.09 0.75 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.33 0.88 0.00	27.12 1.32 0.00	29.09 1.74 -0.54	26.71 1.82 0.00	22.38 1.60 0.00	20.87 1.45 0.00	19.13 1.36 0.00	16.58 1.24 0.00	18.06 1.32 0.00	18.38 1.40 0.00	21.25 1.51 -2.28	26.26 1.78 -4.59	33.80 1.96 -7.98	53.82 1.74 -27.07	29.42 1.83 0.00	29.27 1.73 0.00	28.14 1.65 0.00	25.22 1.53 0.00	25.76 1.03 0.00
KIAC_JFK_GT2 23817	17.85 0.81 0.00	16.09 0.75 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.33 0.88 0.00	27.12 1.32 0.00	29.09 1.74 -0.54	26.71 1.82 0.00	22.38 1.60 0.00	20.87 1.45 0.00	19.13 1.36 0.00	16.58 1.24 0.00	18.06 1.32 0.00	18.38 1.40 0.00	21.25 1.51 -2.28	26.26 1.78 -4.59	33.80 1.96 -7.98	53.82 1.74 -27.07	29.42 1.83 0.00	29.27 1.73 0.00	28.14 1.65 0.00	25.22 1.53 0.00	25.76 1.03 0.00
KIAC_JFK____ 323774	17.85 0.81 0.00	16.09 0.75 0.00	13.82 0.61 0.00	13.98 0.65 0.00	14.22 0.68 0.00	18.33 0.87 0.00	27.12 1.31 0.00	29.10 1.74 -0.54	26.71 1.82 0.00	22.38 1.60 0.00	20.87 1.45 0.00	19.14 1.36 0.00	16.57 1.24 0.00	18.06 1.32 0.00	18.38 1.40 0.00	21.25 1.51 -2.28	26.26 1.78 -4.59	33.80 1.96 -7.98	53.82 1.74 -27.07	29.42 1.83 0.00	29.27 1.73 0.00	28.13 1.64 0.00	25.22 1.53 0.00	25.76 1.03 0.00

KINTIGH____ 23543	17.19 0.16 0.00	15.40 0.06 0.00	13.23 0.02 0.00	13.32 -0.01 0.00	13.47 -0.07 0.00	17.50 0.05 0.00	25.96 0.15 0.00	26.88 0.00 -0.06	24.90 0.01 0.00	20.84 0.06 0.00	19.24 -0.17 0.00	17.65 -0.13 0.00	15.07 -0.26 0.00	16.41 -0.33 0.00	16.50 -0.48 0.00	17.30 -0.47 -0.30	19.85 -0.71 -0.67	23.98 -0.97 -1.10	27.81 -1.07 -3.87	26.51 -1.08 0.00	26.53 -1.01 0.00	25.73 -0.77 0.00	23.75 0.06 0.00	24.89 0.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	17.22 0.18 0.00	15.58 0.24 0.00	13.36 0.15 0.00	13.40 0.07 0.00	13.58 0.04 0.00	17.47 0.01 0.00	25.76 -0.04 0.00	26.36 -0.46 0.00	24.64 -0.26 0.00	20.55 -0.23 0.00	19.08 -0.33 0.00	17.37 -0.41 0.00	15.05 -0.28 0.00	16.56 -0.17 0.00	16.90 -0.08 0.00	17.48 0.01 0.00	19.89 0.01 0.00	23.84 -0.01 0.00	25.47 0.45 0.00	28.16 0.57 0.00	28.05 0.51 0.00	27.09 0.59 0.00	23.92 0.22 0.00	25.11 0.38 0.00
LACHUTE__HYDRO 323717	18.54 1.50 0.00	16.86 1.52 0.00	14.45 1.24 0.00	14.50 1.17 0.00	14.87 1.32 0.00	19.52 2.06 0.00	28.99 3.19 0.00	31.52 4.03 -0.67	28.23 3.34 0.00	23.18 2.40 0.00	21.37 1.96 0.00	19.51 1.74 0.00	16.90 1.56 0.00	18.41 1.67 0.00	18.82 1.84 0.00	22.38 2.08 -2.84	28.05 2.44 -5.72	36.98 3.19 -9.94	62.04 3.29 -33.73	30.85 3.26 0.00	30.60 3.06 0.00	29.22 2.72 0.00	26.08 2.38 0.00	27.05 2.32 0.00
LAWRNCV_115KV_TB1 80681	16.87 -0.17 0.00	15.23 -0.10 0.00	13.12 -0.09 0.00	13.16 -0.17 0.00	13.29 -0.25 0.00	17.05 -0.40 0.00	25.20 -0.61 0.00	25.96 -0.86 0.00	24.05 -0.84 0.00	19.96 -0.82 0.00	18.64 -0.78 0.00	17.02 -0.75 0.00	14.69 -0.64 0.00	16.10 -0.64 0.00	16.34 -0.65 0.00	16.76 -0.71 0.00	19.09 -0.79 0.00	22.99 -0.86 0.00	24.22 -0.79 0.00	26.89 -0.70 0.00	26.95 -0.59 0.00	26.15 -0.34 0.00	23.25 -0.45 0.00	24.48 -0.24 0.00
LEDERLE____ 23769	17.87 0.83 0.00	16.05 0.71 0.00	13.74 0.53 0.00	13.93 0.60 0.00	14.18 0.64 0.00	18.30 0.85 0.00	27.05 1.25 0.00	28.92 1.59 -0.52	26.50 1.61 0.00	22.20 1.41 0.00	20.78 1.36 0.00	19.05 1.28 0.00	16.48 1.14 0.00	17.98 1.24 0.00	18.30 1.32 0.00	21.17 1.52 -2.19	26.10 1.79 -4.41	33.59 2.06 -7.67	52.94 1.91 -26.02	29.53 1.94 0.00	29.39 1.85 0.00	28.21 1.71 0.00	25.08 1.38 0.00	25.78 1.05 0.00
LIGHTHSE_115KV_TB6 355974	17.23 0.19 0.00	15.56 0.22 0.00	13.41 0.20 0.00	13.52 0.18 0.00	13.73 0.19 0.00	17.80 0.34 0.00	26.43 0.63 0.00	27.48 0.62 -0.04	25.33 0.43 0.00	20.99 0.21 0.00	19.48 0.06 0.00	17.83 0.05 0.00	15.32 -0.01 0.00	16.65 -0.09 0.00	16.81 -0.18 0.00	17.47 -0.19 -0.19	20.21 -0.07 -0.39	24.61 0.04 -0.71	27.74 0.22 -2.51	28.04 0.45 0.00	28.01 0.47 0.00	26.91 0.41 0.00	24.18 0.49 0.00	25.27 0.54 0.00
LINDEN COGEN____ 23786	17.80 0.76 0.00	16.00 0.66 0.00	13.71 0.50 0.00	13.87 0.54 0.00	14.11 0.57 0.00	18.21 0.75 0.00	26.86 1.05 0.00	28.79 1.44 -0.54	25.92 1.56 0.53	22.24 1.45 0.00	20.82 1.40 0.00	19.08 1.30 0.00	16.52 1.19 0.00	18.01 1.27 0.00	18.33 1.35 0.00	21.30 1.55 -2.28	26.29 1.81 -4.59	33.84 2.00 -7.98	53.86 1.77 -27.07	29.42 1.83 0.00	29.27 1.73 0.00	28.13 1.64 0.00	25.03 1.34 0.00	25.69 0.96 0.00
LINDHRST_69_KV_BK1 356055	18.45 1.41 0.00	16.55 1.21 0.00	14.14 0.93 0.00	14.27 0.94 0.00	14.54 0.99 0.00	18.85 1.39 0.00	28.05 2.24 0.00	29.94 2.59 -0.54	27.45 2.56 0.00	22.94 2.16 0.00	21.48 2.06 0.00	19.70 1.92 0.00	17.01 1.67 0.00	18.61 1.87 0.00	18.91 1.93 0.00	38.30 2.18 -18.65	33.15 2.63 -10.64	35.24 3.02 -8.36	54.91 2.81 -27.08	32.89 3.07 -2.23	37.23 3.00 -6.69	30.34 2.86 -0.99	26.02 2.33 0.00	26.60 1.87 0.00
LIPA_MISC_IPP 23656	18.51 1.48 0.00	16.61 1.28 0.00	14.19 0.98 0.00	14.32 0.99 0.00	14.59 1.05 0.00	18.92 1.47 0.00	28.26 2.46 0.00	30.16 2.80 -0.54	27.63 2.74 0.00	23.07 2.29 0.00	21.57 2.16 0.00	19.79 2.02 0.00	17.08 1.74 0.00	18.71 1.97 0.00	18.98 1.99 0.00	38.39 2.27 -18.65	33.22 2.70 -10.64	35.36 3.15 -8.36	55.04 2.94 -27.08	33.07 3.25 -2.23	37.39 3.16 -6.69	30.55 3.06 -0.99	26.19 2.50 0.00	26.64 1.91 0.00
LISF__SOLAR 323691	18.55 1.51 0.00	16.64 1.30 0.00	14.22 1.00 0.00	14.34 1.01 0.00	14.61 1.07 0.00	18.95 1.49 0.00	28.26 2.46 0.00	30.19 2.83 -0.54	27.65 2.76 0.00	23.08 2.30 0.00	21.58 2.16 0.00	19.79 2.01 0.00	17.07 1.74 0.00	18.70 1.96 0.00	18.97 1.99 0.00	38.40 2.27 -18.65	33.24 2.72 -10.64	35.40 3.18 -8.37	55.08 2.99 -27.08	33.15 3.32 -2.24	37.44 3.21 -6.69	30.56 3.07 -1.00	26.23 2.53 0.00	26.69 1.96 0.00
LITTLE FALLS__HYD 24013	17.00 -0.04 0.00	15.36 0.02 0.00	13.23 0.01 0.00	13.32 -0.01 0.00	13.55 0.01 0.00	17.53 0.08 0.00	25.72 -0.08 0.00	27.07 0.25 0.00	25.03 0.14 0.00	20.66 -0.12 0.00	19.24 -0.17 0.00	17.56 -0.22 0.00	15.13 -0.20 0.00	16.51 -0.23 0.00	16.83 -0.15 0.00	17.44 -0.03 0.00	19.95 0.07 0.00	24.12 0.27 0.00	25.35 0.33 0.00	27.84 0.25 0.00	27.82 0.28 0.00	26.74 0.24 0.00	23.79 0.10 0.00	24.46 -0.27 0.00
LITTLRIV_115KV_TB1 356100	17.02 -0.01 0.00	15.37 0.03 0.00	13.24 0.03 0.00	13.28 -0.05 0.00	13.41 -0.13 0.00	17.22 -0.24 0.00	25.45 -0.36 0.00	26.22 -0.59 0.00	24.24 -0.65 0.00	20.08 -0.71 0.00	18.74 -0.68 0.00	17.12 -0.66 0.00	14.78 -0.56 0.00	16.21 -0.53 0.00	16.44 -0.54 0.00	16.87 -0.60 0.00	19.20 -0.69 0.00	23.14 -0.71 0.00	24.44 -0.57 0.00	27.19 -0.40 0.00	27.24 -0.30 0.00	26.41 -0.08 0.00	23.45 -0.24 0.00	24.72 -0.01 0.00
LI_NEWBRDGE__DRP 323616	18.11 1.07 0.00	16.26 0.92 0.00	13.90 0.69 0.00	14.04 0.71 0.00	14.30 0.76 0.00	18.51 1.06 0.00	27.47 1.67 0.00	29.35 1.99 -0.54	26.89 2.00 0.00	22.50 1.72 0.00	21.09 1.67 0.00	19.34 1.57 0.00	16.71 1.37 0.00	18.25 1.51 0.00	18.56 1.58 0.00	37.91 1.79 -18.65	32.67 2.14 -10.64	34.67 2.45 -8.36	54.32 2.22 -27.08	32.22 2.40 -2.23	36.54 2.31 -6.69	29.68 2.20 -0.99	25.46 1.77 0.00	26.09 1.36 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.27 0.24 0.00	15.46 0.12 0.00	13.26 0.05 0.00	13.34 0.01 0.00	13.49 -0.06 0.00	17.58 0.12 0.00	26.03 0.22 0.00	26.86 -0.02 -0.07	24.90 0.01 0.00	20.88 0.10 0.00	19.24 -0.18 0.00	17.65 -0.12 0.00	15.05 -0.28 0.00	16.41 -0.33 0.00	16.48 -0.50 0.00	17.18 -0.52 -0.24	19.47 -0.81 -0.39	23.88 -1.02 -1.05	28.15 -1.05 -4.18	26.59 -1.00 0.00	26.61 -0.93 0.00	25.82 -0.67 0.00	23.96 0.27 0.00	25.16 0.43 0.00
LOCKPORT__CC1 323769	16.95 0.24 0.32	15.33 0.12 0.14	13.16 0.05 0.10	13.20 0.02 0.15	13.27 -0.04 0.23	17.38 0.12 0.20	25.07 0.25 0.99	26.88 0.00 -0.07	24.91 0.02 0.00	20.89 0.11 0.00	19.25 -0.17 0.00	17.65 -0.12 0.00	15.08 -0.26 0.00	16.40 -0.34 0.00	16.48 -0.51 0.00	17.19 -0.51 -0.24	19.52 -0.76 -0.38	23.90 -1.00 -1.05	28.17 -1.06 -4.21	26.57 -1.02 0.00	26.46 -0.93 0.14	25.39 -0.65 0.46	22.42 0.27 1.54	24.31 0.45 0.87

LOCKPORT___CC2 323770	16.95 0.24 0.32	15.33 0.12 0.14	13.16 0.05 0.10	13.20 0.02 0.15	13.27 -0.04 0.23	17.38 0.12 0.20	25.07 0.25 0.99	26.88 0.00 -0.07	24.91 0.02 0.00	20.89 0.11 0.00	19.25 -0.17 0.00	17.65 -0.12 0.00	15.08 -0.26 0.00	16.40 -0.34 0.00	16.48 -0.51 0.00	17.19 -0.51 -0.24	19.52 -0.76 -0.38	23.90 -1.00 -1.05	28.17 -1.06 -4.21	26.57 -1.02 0.00	26.46 -0.93 0.14	25.39 -0.65 0.46	22.42 0.27 1.54	24.31 0.45 0.87
LOCKPORT___CC3 323771	16.95 0.24 0.32	15.33 0.12 0.14	13.16 0.05 0.10	13.20 0.02 0.15	13.27 -0.04 0.23	17.38 0.12 0.20	25.07 0.25 0.99	26.88 0.00 -0.07	24.91 0.02 0.00	20.89 0.11 0.00	19.25 -0.17 0.00	17.65 -0.12 0.00	15.08 -0.26 0.00	16.40 -0.34 0.00	16.48 -0.51 0.00	17.19 -0.51 -0.24	19.52 -0.76 -0.38	23.90 -1.00 -1.05	28.17 -1.06 -4.21	26.57 -1.02 0.00	26.46 -0.93 0.14	25.39 -0.65 0.46	22.42 0.27 1.54	24.31 0.45 0.87
LONG_LAKE_PHOENIX 24014	17.37 0.33 0.00	15.60 0.26 0.00	13.43 0.22 0.00	13.55 0.22 0.00	13.76 0.22 0.00	17.83 0.37 0.00	26.43 0.63 0.00	27.48 0.61 -0.05	25.38 0.49 0.00	21.12 0.34 0.00	19.64 0.22 0.00	17.98 0.21 0.00	15.46 0.13 0.00	16.83 0.09 0.00	16.99 0.01 0.00	17.70 0.02 -0.21	20.47 0.14 -0.44	24.91 0.25 -0.81	28.18 0.32 -2.84	28.00 0.41 0.00	27.96 0.42 0.00	26.88 0.39 0.00	24.24 0.54 0.00	25.41 0.68 0.00
LOVETT___3 23632	17.79 0.75 0.00	15.98 0.64 0.00	13.68 0.47 0.00	13.87 0.54 0.00	14.12 0.57 0.00	18.22 0.76 0.00	26.92 1.12 0.00	28.79 1.45 -0.52	26.38 1.48 0.00	22.09 1.31 0.00	20.68 1.26 0.00	18.95 1.18 0.00	16.40 1.06 0.00	17.88 1.14 0.00	18.21 1.23 0.00	21.09 1.42 -2.20	25.99 1.67 -4.43	33.47 1.92 -7.71	52.90 1.75 -26.14	29.37 1.78 0.00	29.23 1.69 0.00	28.06 1.56 0.00	24.95 1.26 0.00	25.64 0.91 0.00
LOVETT___4 23642	17.79 0.75 0.00	15.98 0.64 0.00	13.68 0.47 0.00	13.87 0.54 0.00	14.12 0.57 0.00	18.22 0.76 0.00	26.92 1.12 0.00	28.79 1.45 -0.52	26.38 1.48 0.00	22.09 1.31 0.00	20.68 1.26 0.00	18.95 1.18 0.00	16.40 1.06 0.00	17.88 1.14 0.00	18.21 1.23 0.00	21.09 1.42 -2.20	25.99 1.67 -4.43	33.47 1.92 -7.71	52.90 1.75 -26.14	29.37 1.78 0.00	29.23 1.69 0.00	28.06 1.56 0.00	24.95 1.26 0.00	25.64 0.91 0.00
LOVETT___5 23593	17.79 0.75 0.00	15.98 0.64 0.00	13.68 0.47 0.00	13.87 0.54 0.00	14.12 0.57 0.00	18.22 0.76 0.00	26.92 1.12 0.00	28.79 1.45 -0.52	26.38 1.48 0.00	22.09 1.31 0.00	20.68 1.26 0.00	18.95 1.18 0.00	16.40 1.06 0.00	17.88 1.14 0.00	18.21 1.23 0.00	21.09 1.42 -2.20	25.99 1.67 -4.43	33.47 1.92 -7.71	52.90 1.75 -26.14	29.37 1.78 0.00	29.23 1.69 0.00	28.06 1.56 0.00	24.95 1.26 0.00	25.64 0.91 0.00
LOWER RAQUET___HYD 24057	16.85 -0.19 0.00	15.22 -0.12 0.00	13.11 -0.10 0.00	13.14 -0.19 0.00	13.25 -0.29 0.00	16.99 -0.47 0.00	25.12 -0.69 0.00	25.88 -0.94 0.00	23.96 -0.93 0.00	19.85 -0.93 0.00	18.53 -0.89 0.00	16.92 -0.86 0.00	14.60 -0.73 0.00	16.00 -0.74 0.00	16.24 -0.75 0.00	16.66 -0.81 0.00	18.97 -0.92 0.00	22.86 -0.99 0.00	24.12 -0.89 0.00	26.79 -0.80 0.00	26.88 -0.66 0.00	26.13 -0.36 0.00	23.21 -0.48 0.00	24.44 -0.29 0.00
LOWER___HUDSON 24059	17.65 0.61 0.00	15.91 0.57 0.00	13.67 0.46 0.00	13.80 0.47 0.00	14.06 0.52 0.00	18.12 0.67 0.00	26.71 0.90 0.00	28.71 1.23 -0.66	25.95 1.06 0.00	21.57 0.79 0.00	20.08 0.66 0.00	18.36 0.59 0.00	15.89 0.56 0.00	17.30 0.56 0.00	17.64 0.66 0.00	21.03 0.76 -2.80	26.47 0.94 -5.64	34.94 1.27 -9.82	59.63 1.32 -33.30	28.91 1.32 0.00	28.86 1.32 0.00	27.69 1.20 0.00	24.61 0.92 0.00	25.34 0.61 0.00
LOWVILLE_115KV_TB2 356335	17.14 0.10 0.00	15.62 0.29 0.00	13.48 0.27 0.00	13.59 0.26 0.00	13.79 0.25 0.00	17.85 0.39 0.00	26.47 0.66 0.00	27.46 0.63 -0.02	25.29 0.40 0.00	20.90 0.12 0.00	19.36 -0.05 0.00	17.72 -0.05 0.00	15.23 -0.10 0.00	16.55 -0.19 0.00	16.75 -0.24 0.00	17.30 -0.27 -0.09	19.92 -0.16 -0.19	24.27 0.07 -0.35	26.61 0.38 -1.22	28.26 0.67 0.00	28.21 0.67 0.00	27.10 0.61 0.00	24.17 0.48 0.00	25.20 0.47 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	17.94 0.90 0.00	16.17 0.83 0.00	13.89 0.68 0.00	14.01 0.68 0.00	14.28 0.74 0.00	18.47 1.01 0.00	27.33 1.53 0.00	29.32 1.84 -0.67	26.48 1.59 0.00	22.00 1.22 0.00	20.46 1.04 0.00	18.70 0.92 0.00	16.14 0.81 0.00	17.56 0.82 0.00	17.88 0.90 0.00	21.34 1.04 -2.83	26.84 1.24 -5.71	35.41 1.63 -9.93	60.40 1.69 -33.70	29.30 1.71 0.00	29.26 1.72 0.00	28.07 1.58 0.00	25.06 1.37 0.00	25.89 1.16 0.00
LUTHERNY_35_KV_BK2 355980	17.94 0.90 0.00	16.18 0.85 0.00	13.89 0.68 0.00	14.00 0.67 0.00	14.28 0.73 0.00	18.48 1.02 0.00	27.34 1.53 0.00	29.34 1.85 -0.67	26.46 1.57 0.00	21.98 1.20 0.00	20.45 1.04 0.00	18.69 0.91 0.00	16.13 0.80 0.00	17.54 0.80 0.00	17.87 0.88 0.00	21.34 1.04 -2.83	26.85 1.26 -5.71	35.43 1.65 -9.93	60.43 1.72 -33.70	29.31 1.72 0.00	29.26 1.72 0.00	28.08 1.59 0.00	25.07 1.37 0.00	25.89 1.16 0.00
LWR___OSWEGATCHIE_HYD 23850	16.97 -0.07 0.00	15.40 0.06 0.00	13.27 0.06 0.00	13.34 0.00 0.00	13.50 -0.05 0.00	17.39 -0.06 0.00	25.79 -0.02 0.00	26.67 -0.16 -0.02	24.60 -0.29 0.00	20.35 -0.43 0.00	18.91 -0.51 0.00	17.28 -0.49 0.00	14.88 -0.45 0.00	16.22 -0.51 0.00	16.44 -0.55 0.00	16.94 -0.60 -0.07	19.43 -0.59 -0.14	23.59 -0.52 -0.26	25.62 -0.31 -0.91	27.50 -0.09 0.00	27.53 -0.01 0.00	26.61 0.12 0.00	23.69 -0.01 0.00	24.79 0.06 0.00
LYONS_FALL_HYD 23570	17.24 0.20 0.00	15.64 0.30 0.00	13.49 0.27 0.00	13.60 0.27 0.00	13.81 0.27 0.00	17.87 0.41 0.00	26.48 0.67 0.00	27.48 0.65 -0.02	25.34 0.45 0.00	21.01 0.23 0.00	19.51 0.09 0.00	17.87 0.09 0.00	15.37 0.04 0.00	16.72 -0.02 0.00	16.94 -0.05 0.00	17.50 -0.06 -0.09	20.11 0.04 -0.18	24.42 0.24 -0.32	26.62 0.47 -1.14	28.26 0.67 0.00	28.21 0.67 0.00	27.11 0.62 0.00	24.19 0.50 0.00	25.24 0.51 0.00
MADISON___COUNTY_LFGE 323628	17.44 0.41 0.00	15.71 0.38 0.00	13.55 0.33 0.00	13.66 0.33 0.00	13.89 0.34 0.00	17.97 0.52 0.00	26.60 0.79 0.00	27.68 0.83 -0.03	25.55 0.66 0.00	21.24 0.45 0.00	19.75 0.33 0.00	18.11 0.34 0.00	15.59 0.25 0.00	16.99 0.25 0.00	17.22 0.23 0.00	17.86 0.24 -0.14	20.54 0.36 -0.30	24.92 0.52 -0.54	27.55 0.65 -1.89	28.40 0.81 0.00	28.33 0.79 0.00	27.20 0.70 0.00	24.36 0.67 0.00	25.45 0.72 0.00
MALONE___115KV_TB1 356076	17.13 0.09 0.00	15.47 0.13 0.00	13.29 0.07 0.00	13.33 0.00 0.00	13.50 -0.04 0.00	17.38 -0.08 0.00	25.65 -0.16 0.00	26.34 -0.48 0.00	24.54 -0.35 0.00	20.42 -0.37 0.00	18.96 -0.46 0.00	17.26 -0.52 0.00	14.95 -0.38 0.00	16.44 -0.30 0.00	16.76 -0.22 0.00	17.25 -0.23 0.00	19.66 -0.23 0.00	23.65 -0.20 0.00	25.10 0.08 0.00	27.79 0.20 0.00	27.73 0.19 0.00	26.79 0.30 0.00	23.72 0.03 0.00	24.96 0.23 0.00

MAPLEWOD_115KV_TB3 80458	17.51 0.47 0.00	15.79 0.45 0.00	13.58 0.37 0.00	13.72 0.38 0.00	13.96 0.42 0.00	17.96 0.50 0.00	26.50 0.69 0.00	28.46 0.99 -0.66	25.75 0.86 0.00	21.44 0.66 0.00	19.98 0.56 0.00	18.29 0.51 0.00	15.82 0.49 0.00	17.24 0.50 0.00	17.57 0.58 0.00	20.94 0.68 -2.78	26.36 0.87 -5.61	34.74 1.14 -9.75	59.27 1.17 -33.08	28.78 1.19 0.00	28.72 1.18 0.00	27.55 1.05 0.00	24.46 0.77 0.00	25.17 0.44 0.00
MAPLE_RIDGE_WT_1 323574	16.91 -0.12 0.00	15.35 0.01 0.00	13.23 0.02 0.00	13.36 0.03 0.00	13.57 0.03 0.00	17.51 0.05 0.00	25.84 0.03 0.00	26.72 -0.09 0.00	24.87 -0.03 0.00	20.83 0.05 0.00	19.43 0.02 0.00	17.80 0.03 0.00	15.36 0.03 0.00	16.72 -0.02 0.00	16.95 -0.03 0.00	17.44 -0.03 0.00	19.87 -0.02 0.00	23.92 0.07 0.00	25.09 0.08 0.00	27.66 0.07 0.00	27.62 0.08 0.00	26.58 0.08 0.00	23.76 0.07 0.00	24.72 -0.01 0.00
MAPLE_RIDGE_WT_2 323611	16.91 -0.12 0.00	15.35 0.01 0.00	13.23 0.02 0.00	13.36 0.03 0.00	13.57 0.03 0.00	17.51 0.05 0.00	25.84 0.03 0.00	26.72 -0.09 0.00	24.87 -0.03 0.00	20.83 0.05 0.00	19.43 0.02 0.00	17.80 0.03 0.00	15.36 0.03 0.00	16.72 -0.02 0.00	16.95 -0.03 0.00	17.44 -0.03 0.00	19.87 -0.02 0.00	23.92 0.07 0.00	25.09 0.08 0.00	27.66 0.07 0.00	27.62 0.08 0.00	26.58 0.08 0.00	23.76 0.07 0.00	24.72 -0.01 0.00
MARBLE_RIVER_WT_PWR 323696	17.01 -0.03 0.00	15.39 0.05 0.00	13.20 -0.01 0.00	13.25 -0.08 0.00	13.44 -0.10 0.00	17.28 -0.18 0.00	25.45 -0.36 0.00	26.06 -0.75 0.00	24.36 -0.53 0.00	20.34 -0.45 0.00	18.88 -0.54 0.00	17.18 -0.59 0.00	14.91 -0.42 0.00	16.42 -0.32 0.00	16.75 -0.23 0.00	17.29 -0.18 0.00	19.68 -0.20 0.00	23.62 -0.23 0.00	25.14 0.12 0.00	27.77 0.18 0.00	27.65 0.11 0.00	26.68 0.18 0.00	23.61 -0.08 0.00	24.82 0.10 0.00
MARSHVLE_115KV_TB1 80742	18.30 1.26 0.00	16.45 1.11 0.00	14.10 0.89 0.00	14.23 0.90 0.00	14.46 0.92 0.00	18.74 1.28 0.00	28.15 2.34 0.00	29.75 2.26 -0.68	26.68 1.79 0.00	22.38 1.60 0.00	20.80 1.38 0.00	19.00 1.22 0.00	16.38 1.04 0.00	17.88 1.14 0.00	18.03 1.05 0.00	21.34 1.02 -2.86	26.77 1.13 -5.76	35.34 1.47 -10.01	60.89 1.90 -33.97	29.92 2.33 0.00	29.79 2.25 0.00	28.83 2.34 0.00	25.81 2.12 0.00	27.07 2.34 0.00
MARSH_HILL_WT_PWR 323713	17.32 0.28 0.00	15.69 0.35 0.00	13.52 0.31 0.00	13.66 0.33 0.00	13.86 0.32 0.00	18.04 0.59 0.00	27.17 1.15 -0.21	28.39 0.93 -0.64	25.71 0.78 -0.04	21.85 0.60 -0.47	19.61 0.20 0.00	17.87 0.09 0.00	15.20 -0.13 0.00	16.64 -0.10 0.00	16.77 -0.21 0.00	17.63 -0.18 -0.34	20.55 0.03 -0.64	25.53 0.25 -1.43	30.99 0.38 -5.60	27.87 0.27 0.00	28.06 0.52 0.00	27.32 0.82 0.00	24.88 1.18 0.00	25.94 1.21 0.00
MCINTYRE_115KV_TB2 80467	17.11 0.08 0.00	15.44 0.10 0.00	13.31 0.10 0.00	13.37 0.04 0.00	13.52 -0.02 0.00	17.37 -0.08 0.00	25.72 -0.09 0.00	26.50 -0.32 0.00	24.45 -0.45 0.00	20.26 -0.53 0.00	18.93 -0.48 0.00	17.29 -0.48 0.00	14.93 -0.40 0.00	16.39 -0.35 0.00	16.62 -0.36 0.00	17.06 -0.41 0.00	19.39 -0.49 0.00	23.36 -0.49 0.00	24.70 -0.31 0.00	27.49 -0.10 0.00	27.51 -0.03 0.00	26.61 0.11 0.00	23.63 -0.07 0.00	24.88 0.15 0.00
MECO____69_KV_BK1 80468	18.68 1.64 0.00	16.79 1.45 0.00	14.40 1.19 0.00	14.53 1.20 0.00	14.79 1.25 0.00	19.20 1.74 0.00	28.53 2.72 0.00	30.11 2.62 -0.68	26.31 1.42 0.00	22.06 1.28 0.00	20.47 1.05 0.00	18.69 0.91 0.00	16.16 0.83 0.00	17.58 0.84 0.00	17.77 0.78 0.00	21.28 0.95 -2.86	26.68 1.03 -5.76	35.85 1.99 -10.01	61.62 2.64 -33.97	30.58 2.99 0.00	30.44 2.90 0.00	29.28 2.79 0.00	26.11 2.42 0.00	27.47 2.74 0.00
MENANDS_115KV_TB5 355628	17.41 0.37 0.00	15.69 0.36 0.00	13.51 0.30 0.00	13.64 0.31 0.00	13.89 0.35 0.00	17.85 0.39 0.00	26.31 0.51 0.00	28.28 0.81 -0.66	25.58 0.69 0.00	21.30 0.52 0.00	19.87 0.45 0.00	18.20 0.43 0.00	15.75 0.42 0.00	17.17 0.43 0.00	17.49 0.51 0.00	20.85 0.61 -2.78	26.26 0.77 -5.60	34.60 1.01 -9.74	59.06 1.01 -33.03	28.60 1.01 0.00	28.53 0.99 0.00	27.38 0.88 0.00	24.30 0.61 0.00	24.99 0.27 0.00
MG INDUSTRY___DRP 24185	17.48 0.44 0.00	15.76 0.42 0.00	13.57 0.36 0.00	13.71 0.38 0.00	13.95 0.41 0.00	17.94 0.48 0.00	26.48 0.68 0.00	28.39 0.93 -0.65	25.71 0.81 0.00	21.41 0.62 0.00	19.95 0.54 0.00	18.27 0.49 0.00	15.80 0.46 0.00	17.22 0.49 0.00	17.54 0.56 0.00	20.85 0.65 -2.73	26.19 0.81 -5.50	34.45 1.05 -9.56	58.50 1.07 -32.42	28.68 1.09 0.00	28.63 1.09 0.00	27.48 0.99 0.00	24.44 0.75 0.00	25.19 0.47 0.00
MID___OSWEGATCHIE_HYD 23849	16.97 -0.07 0.00	15.40 0.06 0.00	13.27 0.06 0.00	13.34 0.00 0.00	13.50 -0.05 0.00	17.39 -0.06 0.00	25.79 -0.02 0.00	26.67 -0.16 -0.02	24.60 -0.29 0.00	20.35 -0.43 0.00	18.91 -0.51 0.00	17.28 -0.49 0.00	14.88 -0.45 0.00	16.22 -0.51 0.00	16.44 -0.55 0.00	16.94 -0.60 -0.07	19.43 -0.59 -0.14	23.59 -0.52 -0.26	25.62 -0.31 -0.91	27.50 -0.09 0.00	27.53 -0.01 0.00	26.61 0.12 0.00	23.69 -0.01 0.00	24.79 0.06 0.00
MID___RAQUETTE_HYD 23851	16.85 -0.19 0.00	15.22 -0.12 0.00	13.11 -0.10 0.00	13.14 -0.19 0.00	13.25 -0.29 0.00	16.99 -0.47 0.00	25.11 -0.69 0.00	25.88 -0.94 0.00	23.96 -0.93 0.00	19.86 -0.93 0.00	18.52 -0.89 0.00	16.92 -0.86 0.00	14.60 -0.73 0.00	16.00 -0.74 0.00	16.24 -0.75 0.00	16.66 -0.81 0.00	18.98 -0.91 0.00	22.86 -0.99 0.00	24.12 -0.89 0.00	26.79 -0.80 0.00	26.88 -0.66 0.00	26.13 -0.37 0.00	23.21 -0.48 0.00	24.44 -0.29 0.00
MILLIKEN___1 23584	17.46 0.42 0.00	15.68 0.34 0.00	13.53 0.32 0.00	13.64 0.31 0.00	13.83 0.29 0.00	17.95 0.49 0.00	26.63 0.83 0.00	27.81 0.90 -0.10	25.63 0.74 0.00	21.30 0.51 0.00	19.73 0.31 0.00	18.03 0.26 0.00	15.52 0.19 0.00	16.93 0.19 0.00	17.13 0.14 0.00	18.08 0.18 -0.43	21.21 0.44 -0.88	26.14 0.66 -1.63	31.47 0.72 -5.74	28.41 0.82 0.00	28.39 0.85 0.00	27.29 0.80 0.00	24.60 0.90 0.00	25.72 0.99 0.00
MILLIKEN___2 23585	17.46 0.42 0.00	15.68 0.34 0.00	13.53 0.32 0.00	13.64 0.31 0.00	13.83 0.29 0.00	17.95 0.49 0.00	26.63 0.83 0.00	27.81 0.90 -0.10	25.63 0.74 0.00	21.30 0.51 0.00	19.73 0.31 0.00	18.03 0.26 0.00	15.52 0.19 0.00	16.93 0.19 0.00	17.13 0.14 0.00	18.08 0.18 -0.43	21.21 0.44 -0.88	26.14 0.66 -1.63	31.47 0.72 -5.74	28.41 0.82 0.00	28.39 0.85 0.00	27.29 0.80 0.00	24.60 0.90 0.00	25.72 0.99 0.00
MILLIKEN___DIESEL 23629	17.46 0.42 0.00	15.68 0.34 0.00	13.53 0.32 0.00	13.64 0.31 0.00	13.83 0.29 0.00	17.95 0.49 0.00	26.63 0.83 0.00	27.81 0.90 -0.10	25.63 0.74 0.00	21.30 0.51 0.00	19.73 0.31 0.00	18.03 0.26 0.00	15.52 0.19 0.00	16.93 0.19 0.00	17.13 0.14 0.00	18.08 0.18 -0.43	21.21 0.44 -0.88	26.14 0.66 -1.63	31.47 0.72 -5.74	28.41 0.82 0.00	28.39 0.85 0.00	27.29 0.80 0.00	24.60 0.90 0.00	25.72 0.99 0.00

MILLSEAT___LFGE 323607	17.21 0.47 0.30	15.53 0.32 0.13	13.33 0.22 0.10	13.38 0.19 0.14	13.47 0.13 0.21	17.65 0.38 0.18	25.59 0.68 0.90	27.38 0.49 -0.07	25.33 0.44 0.00	21.16 0.37 0.00	19.48 0.06 0.00	17.85 0.07 0.00	15.25 -0.08 0.00	16.59 -0.15 0.00	16.68 -0.31 0.00	17.41 -0.31 -0.24	19.81 -0.49 -0.42	24.30 -0.59 -1.04	28.53 -0.56 -4.07	27.18 -0.41 0.00	27.05 -0.36 0.13	25.94 -0.13 0.42	22.92 0.63 1.41	24.71 0.78 0.79
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	17.83 0.80 0.00	16.03 0.69 0.00	13.73 0.52 0.00	13.90 0.57 0.00	14.15 0.60 0.00	18.25 0.80 0.00	26.98 1.18 0.00	28.89 1.54 -0.54	26.46 1.57 0.00	22.16 1.38 0.00	20.73 1.31 0.00	19.01 1.23 0.00	16.44 1.10 0.00	17.93 1.19 0.00	18.25 1.27 0.00	21.19 1.46 -2.26	26.18 1.73 -4.57	33.77 1.97 -7.94	53.76 1.82 -26.93	29.46 1.87 0.00	29.34 1.80 0.00	28.16 1.67 0.00	25.04 1.35 0.00	25.70 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	17.87 0.83 0.00	16.06 0.72 0.00	13.75 0.54 0.00	13.92 0.59 0.00	14.17 0.63 0.00	18.29 0.83 0.00	27.04 1.23 0.00	28.95 1.60 -0.54	26.52 1.62 0.00	22.21 1.43 0.00	20.77 1.36 0.00	19.05 1.28 0.00	16.47 1.14 0.00	17.97 1.23 0.00	18.30 1.32 0.00	21.24 1.51 -2.26	26.23 1.78 -4.57	33.83 2.04 -7.94	53.84 1.89 -26.93	29.53 1.95 0.00	29.42 1.88 0.00	28.24 1.75 0.00	25.10 1.41 0.00	25.74 1.02 0.00
MODEL_CITY_ENERGY 24167	16.75 0.05 0.34	15.15 -0.04 0.15	13.00 -0.10 0.11	13.04 -0.13 0.16	13.10 -0.20 0.24	17.18 -0.06 0.21	24.70 -0.06 1.04	26.53 -0.36 -0.07	24.60 -0.30 0.00	20.65 -0.13 0.00	19.03 -0.39 0.00	17.46 -0.31 0.00	14.92 -0.41 0.00	16.24 -0.50 0.00	16.31 -0.67 0.00	17.00 -0.70 -0.23	19.25 -1.00 -0.37	23.59 -1.32 -1.05	27.87 -1.38 -4.24	26.22 -1.37 0.00	26.10 -1.29 0.15	25.02 -0.99 0.48	22.03 -0.03 1.63	23.96 0.16 0.92
MODERN_LFGE___ 323580	16.75 0.05 0.34	15.15 -0.04 0.15	13.00 -0.10 0.11	13.04 -0.13 0.16	13.10 -0.20 0.24	17.18 -0.06 0.21	24.70 -0.06 1.04	26.53 -0.36 -0.07	24.60 -0.30 0.00	20.65 -0.13 0.00	19.03 -0.39 0.00	17.46 -0.31 0.00	14.92 -0.41 0.00	16.24 -0.50 0.00	16.31 -0.67 0.00	17.00 -0.70 -0.23	19.25 -1.00 -0.37	23.59 -1.32 -1.05	27.87 -1.38 -4.24	26.22 -1.37 0.00	26.10 -1.29 0.15	25.02 -0.99 0.48	22.03 -0.03 1.63	23.96 0.16 0.92
MOHAWK_PAPER___DRP 24187	17.51 0.47 0.00	15.79 0.45 0.00	13.58 0.37 0.00	13.72 0.38 0.00	13.96 0.42 0.00	17.96 0.50 0.00	26.50 0.69 0.00	28.46 0.99 -0.66	25.75 0.86 0.00	21.44 0.66 0.00	19.98 0.56 0.00	18.29 0.51 0.00	15.82 0.49 0.00	17.24 0.50 0.00	17.57 0.58 0.00	20.94 0.68 -2.78	26.36 0.87 -5.61	34.74 1.14 -9.75	59.27 1.17 -33.08	28.78 1.19 0.00	28.72 1.18 0.00	27.55 1.05 0.00	24.46 0.77 0.00	25.17 0.44 0.00
MOHICAN___35_KV_115KV_LD 80490	18.13 1.09 0.00	16.36 1.02 0.00	14.05 0.83 0.00	14.15 0.82 0.00	14.45 0.90 0.00	18.75 1.29 0.00	27.81 2.00 0.00	29.90 2.41 -0.67	26.95 2.06 0.00	22.31 1.53 0.00	20.70 1.28 0.00	18.88 1.10 0.00	16.27 0.94 0.00	17.64 0.90 0.00	17.97 0.99 0.00	21.44 1.14 -2.83	26.90 1.30 -5.72	35.54 1.75 -9.94	60.52 1.79 -33.72	29.34 1.75 0.00	29.33 1.79 0.00	28.10 1.60 0.00	25.28 1.59 0.00	26.24 1.51 0.00
MONGAUP___HYD 23641	17.78 0.74 0.00	15.97 0.63 0.00	13.70 0.49 0.00	13.86 0.53 0.00	14.10 0.56 0.00	18.21 0.75 0.00	26.88 1.07 0.00	28.64 1.35 -0.48	26.18 1.29 0.00	21.82 1.03 0.00	20.31 0.90 0.00	18.56 0.79 0.00	16.03 0.70 0.00	17.47 0.73 0.00	17.79 0.80 0.00	20.44 0.94 -2.03	25.14 1.17 -4.09	32.35 1.39 -7.11	50.51 1.39 -24.11	29.07 1.47 0.00	29.13 1.60 0.00	28.01 1.51 0.00	24.91 1.21 0.00	25.69 0.96 0.00
MONTAUK___DIESEL 23721	19.08 2.05 0.00	17.12 1.79 0.00	14.63 1.43 0.00	14.77 1.44 0.00	15.06 1.52 0.00	19.55 2.10 0.00	29.50 3.70 0.00	31.45 4.10 -0.54	28.83 3.94 0.00	24.10 3.32 0.00	22.51 3.10 0.00	20.65 2.88 0.00	17.80 2.46 0.00	19.52 2.78 0.00	19.81 2.82 0.00	39.27 3.15 -18.65	34.21 3.69 -10.64	36.60 4.38 -8.36	56.32 4.23 -27.08	34.47 4.64 -2.23	38.75 4.52 -6.69	31.88 4.39 -0.99	27.31 3.62 0.00	27.49 2.76 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.86 0.82 0.00	15.92 0.58 0.00	13.76 0.55 0.00	13.83 0.50 0.00	13.99 0.44 0.00	18.27 0.81 0.00	27.33 1.53 0.00	28.35 1.46 -0.08	26.30 1.41 0.00	21.99 1.21 0.00	20.21 0.79 0.00	18.49 0.71 0.00	15.71 0.38 0.00	17.20 0.46 0.00	17.32 0.33 0.00	18.13 0.38 -0.27	20.88 0.53 -0.45	25.69 0.65 -1.19	30.40 0.62 -4.77	28.32 0.73 0.00	28.44 0.90 0.00	27.59 1.10 0.00	25.33 1.64 0.00	26.45 1.72 0.00
MORTIMER_115KV_TB3 55949	17.29 0.25 0.00	15.49 0.15 0.00	13.31 0.10 0.00	13.41 0.07 0.00	13.58 0.03 0.00	17.63 0.17 0.00	26.22 0.41 0.00	27.22 0.34 -0.06	25.18 0.29 0.00	21.02 0.24 0.00	19.46 0.04 0.00	17.85 0.08 0.00	15.28 -0.06 0.00	16.65 -0.09 0.00	16.78 -0.20 0.00	17.54 -0.19 -0.26	20.10 -0.32 -0.53	24.41 -0.43 -0.99	28.17 -0.45 -3.61	27.19 -0.40 0.00	27.15 -0.39 0.00	26.23 -0.26 0.00	24.00 0.31 0.00	25.09 0.36 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	17.89 0.85 0.00	16.09 0.75 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.65 0.00	18.31 0.85 0.00	27.08 1.27 0.00	29.01 1.66 -0.54	26.63 1.73 0.00	22.34 1.56 0.00	20.90 1.48 0.00	19.17 1.39 0.00	16.59 1.25 0.00	18.08 1.34 0.00	18.42 1.43 0.00	21.38 1.63 -2.28	26.40 1.92 -4.59	33.98 2.15 -7.98	54.04 1.95 -27.07	29.61 2.02 0.00	29.49 1.94 0.00	28.32 1.83 0.00	25.19 1.50 0.00	25.82 1.10 0.00
MUNSVILLE_WIND_PWR 323609	18.30 1.18 -0.09	16.38 1.00 -0.04	14.12 0.88 -0.03	14.29 0.92 -0.04	14.55 0.94 -0.06	18.88 1.37 -0.05	28.35 2.25 -0.28	29.49 2.44 -0.23	27.11 2.21 0.00	22.46 1.63 -0.06	20.60 1.18 0.00	18.77 1.00 0.00	16.18 0.84 0.00	17.64 0.90 0.00	17.86 0.87 0.00	19.12 0.95 -0.70	22.62 1.32 -1.42	28.29 1.92 -2.52	35.83 2.23 -8.58	30.10 2.51 0.00	29.94 2.36 -0.04	28.89 2.27 -0.13	26.11 1.99 -0.43	26.87 1.90 -0.24
N SALMON___HYD 24042	17.13 0.09 0.00	15.47 0.13 0.00	13.29 0.07 0.00	13.33 0.00 0.00	13.50 -0.04 0.00	17.38 -0.08 0.00	25.64 -0.16 0.00	26.34 -0.47 0.00	24.54 -0.35 0.00	20.42 -0.37 0.00	18.96 -0.46 0.00	17.25 -0.52 0.00	14.95 -0.38 0.00	16.44 -0.30 0.00	16.76 -0.22 0.00	17.25 -0.23 0.00	19.66 -0.23 0.00	23.65 -0.20 0.00	25.10 0.09 0.00	27.79 0.20 0.00	27.73 0.19 0.00	26.79 0.29 0.00	23.72 0.03 0.00	24.95 0.23 0.00
N.AKRON___115KV_KNAPP 355671	17.47 0.43 0.00	15.63 0.29 0.00	13.41 0.19 0.00	13.49 0.16 0.00	13.64 0.10 0.00	17.79 0.33 0.00	26.39 0.58 0.00	27.27 0.39 -0.07	25.25 0.36 0.00	21.12 0.34 0.00	19.46 0.05 0.00	17.84 0.06 0.00	15.21 -0.12 0.00	16.57 -0.17 0.00	16.65 -0.33 0.00	17.36 -0.35 -0.24	19.71 -0.58 -0.41	24.24 -0.65 -1.04	28.48 -0.66 -4.12	27.05 -0.54 0.00	27.07 -0.48 0.00	26.23 -0.27 0.00	24.27 0.57 0.00	25.45 0.72 0.00

N.BELMOR_69_KV_BK1 55787	18.23 1.19 0.00	16.35 1.02 0.00	13.98 0.77 0.00	14.12 0.79 0.00	14.38 0.84 0.00	18.63 1.17 0.00	27.65 1.84 0.00	29.54 2.19 -0.54	27.08 2.19 0.00	22.64 1.86 0.00	21.22 1.80 0.00	19.46 1.69 0.00	16.81 1.48 0.00	18.38 1.64 0.00	18.69 1.71 0.00	38.05 1.93 -18.65	32.83 2.31 -10.64	34.88 2.66 -8.36	54.53 2.44 -27.08	32.42 2.60 -2.23	36.80 2.57 -6.69	29.92 2.43 -0.99	25.68 1.99 0.00	26.29 1.56 0.00
N.E_GEN_SANDY PD 24062	17.74 0.60 -0.10	15.90 0.56 0.00	13.64 0.43 0.00	13.78 0.45 0.00	14.04 0.50 0.00	18.34 0.64 -0.25	28.33 0.82 -1.70	30.40 1.19 -2.39	26.53 1.09 -0.54	20.96 0.87 0.70	20.19 0.77 0.00	18.47 0.69 0.00	15.97 0.64 0.00	17.42 0.68 0.00	17.76 0.78 0.00	20.93 0.91 -2.55	26.18 1.13 -5.16	36.37 1.44 -11.08	56.80 1.43 -30.35	29.03 1.44 0.00	29.59 1.41 -0.63	27.86 1.26 -0.11	24.83 0.93 -0.21	24.84 0.50 0.39
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	17.82 0.78 0.00	16.00 0.67 0.00	13.71 0.49 0.00	13.89 0.56 0.00	14.14 0.60 0.00	18.24 0.78 0.00	26.96 1.15 0.00	28.83 1.49 -0.52	26.42 1.53 0.00	22.13 1.35 0.00	20.71 1.29 0.00	18.98 1.21 0.00	16.42 1.09 0.00	17.92 1.18 0.00	18.24 1.26 0.00	21.12 1.46 -2.19	26.03 1.72 -4.43	33.51 1.97 -7.69	52.90 1.81 -26.08	29.42 1.83 0.00	29.29 1.75 0.00	28.11 1.62 0.00	24.99 1.30 0.00	25.69 0.96 0.00
N.QUEENS_27_KV_LOAD 356247	17.91 0.87 0.00	16.13 0.79 0.00	13.80 0.58 0.00	13.96 0.63 0.00	14.20 0.65 0.00	18.32 0.86 0.00	27.09 1.28 0.00	29.04 1.68 -0.54	26.68 1.78 -0.01	22.40 1.61 -0.01	20.95 1.54 0.00	19.23 1.45 -0.01	16.65 1.32 0.00	18.13 1.39 -0.01	18.47 1.48 -0.01	21.43 1.68 -2.28	26.45 1.97 -4.59	34.02 2.18 -7.99	54.06 1.97 -27.07	29.63 2.04 0.00	29.51 1.97 0.00	28.38 1.88 0.00	25.25 1.56 0.00	25.88 1.15 0.00
N.TROY___115KV_TB1 355778	17.65 0.61 0.00	15.91 0.57 0.00	13.67 0.46 0.00	13.80 0.47 0.00	14.06 0.52 0.00	18.12 0.67 0.00	26.71 0.91 0.00	28.71 1.23 -0.66	25.95 1.06 0.00	21.57 0.79 0.00	20.08 0.66 0.00	18.36 0.59 0.00	15.89 0.56 0.00	17.30 0.56 0.00	17.64 0.66 0.00	21.03 0.76 -2.80	26.47 0.94 -5.64	34.94 1.27 -9.82	59.63 1.32 -33.30	28.91 1.32 0.00	28.86 1.32 0.00	27.69 1.20 0.00	24.61 0.92 0.00	25.34 0.61 0.00
NARROWS_GT1_1 24228	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT1_2 24229	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT1_3 24230	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT1_4 24231	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT1_5 24232	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT1_6 24233	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT1_7 24234	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT1_8 24235	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT2_1 24236	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT2_2 24237	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00

NARROWS_GT2_3 24238	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT2_4 24239	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT2_5 24240	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT2_6 24241	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT2_7 24242	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NARROWS_GT2_8 24243	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	17.69 0.65 0.00	15.94 0.60 0.00	13.75 0.53 0.00	13.87 0.54 0.00	14.13 0.58 0.00	18.17 0.71 0.00	26.93 1.12 0.00	28.88 1.45 -0.62	26.05 1.17 0.00	21.54 0.76 0.00	20.00 0.58 0.00	18.30 0.52 0.00	15.84 0.50 0.00	17.27 0.53 0.00	17.59 0.60 0.00	20.78 0.69 -2.62	26.07 0.90 -5.29	34.39 1.34 -9.19	57.73 1.53 -31.19	29.27 1.68 0.00	29.18 1.64 0.00	27.97 1.47 0.00	24.80 1.10 0.00	25.46 0.73 0.00
NCHELSEA_115KV_TR2 355582	17.95 0.92 0.00	16.14 0.80 0.00	13.83 0.62 0.00	14.00 0.67 0.00	14.24 0.70 0.00	18.39 0.93 0.00	27.20 1.40 0.00	29.12 1.76 -0.54	26.61 1.72 0.00	22.25 1.47 0.00	20.79 1.37 0.00	19.05 1.27 0.00	16.46 1.13 0.00	17.96 1.22 0.00	18.29 1.31 0.00	21.26 1.50 -2.29	26.30 1.80 -4.62	34.00 2.12 -8.02	54.27 2.04 -27.22	29.70 2.11 0.00	29.59 2.05 0.00	28.37 1.87 0.00	25.21 1.51 0.00	25.86 1.13 0.00
NEG CAPITAL___MECHNVIL 23645	17.92 0.89 0.00	16.15 0.81 0.00	13.87 0.66 0.00	13.99 0.66 0.00	14.26 0.72 0.00	18.43 0.97 0.00	27.26 1.46 0.00	29.27 1.78 -0.67	26.43 1.54 0.00	21.96 1.18 0.00	20.42 1.01 0.00	18.68 0.90 0.00	16.12 0.79 0.00	17.55 0.81 0.00	17.88 0.90 0.00	21.32 1.03 -2.82	26.83 1.25 -5.69	35.40 1.65 -9.90	60.32 1.72 -33.58	29.35 1.76 0.00	29.28 1.74 0.00	28.08 1.59 0.00	25.03 1.34 0.00	25.84 1.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	16.82 -0.10 0.11	15.14 -0.15 0.05	13.03 -0.15 0.04	13.11 -0.17 0.05	13.27 -0.20 0.08	17.27 -0.12 0.07	25.42 -0.04 0.35	26.76 -0.11 -0.06	24.75 -0.14 0.00	20.70 -0.08 0.00	19.18 -0.24 0.00	17.56 -0.21 0.00	15.03 -0.30 0.00	16.37 -0.37 0.00	16.50 -0.49 0.00	17.27 -0.46 -0.26	19.91 -0.52 -0.55	24.21 -0.65 -1.01	27.97 -0.69 -3.64	26.87 -0.72 0.00	26.77 -0.71 0.05	25.71 -0.62 0.16	23.04 -0.10 0.56	24.41 0.00 0.32
NEG CENTRAL___DRP 24199	17.27 0.24 0.00	15.50 0.16 0.00	13.38 0.17 0.00	13.48 0.15 0.00	13.66 0.12 0.00	17.75 0.29 0.00	26.37 0.57 0.00	27.45 0.58 -0.07	25.34 0.45 0.00	21.08 0.30 0.00	19.51 0.09 0.00	17.86 0.09 0.00	15.32 -0.02 0.00	16.71 -0.03 0.00	16.87 -0.11 0.00	17.67 -0.08 -0.28	20.62 0.16 -0.57	25.26 0.31 -1.09	29.26 0.21 -4.03	27.86 0.27 0.00	27.87 0.33 0.00	26.81 0.32 0.00	24.35 0.65 0.00	25.61 0.88 0.00
NEG CENTRAL___INDECK 23768	17.71 0.73 0.06	15.91 0.60 0.03	13.70 0.51 0.02	13.81 0.51 0.03	13.99 0.49 0.04	18.22 0.81 0.04	27.28 1.49 0.02	28.75 1.41 -0.52	26.03 1.11 -0.03	21.78 0.62 -0.38	19.68 0.26 0.00	18.01 0.23 0.00	15.36 0.03 0.00	16.76 0.02 0.00	16.88 -0.10 0.00	17.71 -0.07 -0.30	20.44 -0.03 -0.58	25.15 0.06 -1.24	30.21 0.39 -4.81	28.29 0.70 0.00	28.36 0.85 0.03	27.38 0.96 0.08	24.77 1.34 0.27	25.91 1.34 0.15
NEG CENTRAL___SENECA 23627	17.37 0.33 0.00	15.58 0.24 0.00	13.46 0.25 0.00	13.56 0.23 0.00	13.74 0.20 0.00	17.86 0.40 0.00	26.52 0.71 0.00	27.62 0.73 -0.07	25.50 0.60 0.00	21.18 0.40 0.00	19.55 0.13 0.00	17.90 0.13 0.00	15.32 -0.01 0.00	16.72 -0.02 0.00	16.87 -0.12 0.00	17.69 -0.07 -0.29	20.57 0.09 -0.60	25.23 0.23 -1.15	29.48 0.20 -4.26	27.90 0.31 0.00	27.93 0.39 0.00	26.88 0.38 0.00	24.39 0.69 0.00	25.54 0.82 0.00
NEG CENTRAL___STATE_STREET 24147	17.35 0.31 0.00	15.59 0.25 0.00	13.46 0.25 0.00	13.55 0.21 0.00	13.71 0.17 0.00	17.84 0.38 0.00	26.63 0.83 0.00	27.72 0.84 -0.07	25.53 0.64 0.00	21.30 0.51 0.00	19.76 0.34 0.00	18.06 0.29 0.00	15.56 0.23 0.00	16.97 0.23 0.00	17.15 0.17 0.00	17.97 0.21 -0.29	21.08 0.59 -0.60	25.78 0.81 -1.12	29.77 0.70 -4.06	28.27 0.68 0.00	28.24 0.70 0.00	27.17 0.67 0.00	24.70 1.01 0.00	25.95 1.22 0.00
NEG MILLWOOD___DRP 24198	17.96 0.92 0.00	16.14 0.81 0.00	13.83 0.62 0.00	14.00 0.67 0.00	14.24 0.70 0.00	18.40 0.94 0.00	27.22 1.41 0.00	29.15 1.79 -0.55	26.67 1.77 0.00	22.31 1.52 0.00	20.84 1.42 0.00	19.10 1.32 0.00	16.51 1.18 0.00	18.01 1.28 0.00	18.35 1.36 0.00	21.33 1.56 -2.31	26.39 1.85 -4.65	34.12 2.18 -8.09	54.52 2.08 -27.43	29.76 2.17 0.00	29.64 2.10 0.00	28.42 1.93 0.00	25.25 1.56 0.00	25.89 1.16 0.00



NEG NORTH_FLCN_SEA 23793	17.21 0.18 0.00	15.57 0.23 0.00	13.36 0.15 0.00	13.39 0.06 0.00	13.57 0.02 0.00	17.40 -0.06 0.00	25.64 -0.16 0.00	26.20 -0.62 0.00	24.51 -0.39 0.00	20.43 -0.35 0.00	18.95 -0.47 0.00	17.25 -0.52 0.00	14.98 -0.36 0.00	16.49 -0.25 0.00	16.84 -0.14 0.00	17.40 -0.07 0.00	19.83 -0.06 0.00	23.74 -0.12 0.00	25.41 0.39 0.00	28.08 0.49 0.00	27.98 0.43 0.00	27.04 0.54 0.00	23.87 0.17 0.00	25.06 0.33 0.00
NEG NORTH_KES_CHATEGAY 23792	17.05 0.01 0.00	15.41 0.07 0.00	13.22 0.01 0.00	13.27 -0.06 0.00	13.46 -0.08 0.00	17.33 -0.13 0.00	25.53 -0.28 0.00	26.15 -0.66 0.00	24.42 -0.47 0.00	20.38 -0.40 0.00	18.93 -0.49 0.00	17.21 -0.56 0.00	14.94 -0.40 0.00	16.44 -0.30 0.00	16.77 -0.21 0.00	17.29 -0.18 0.00	19.70 -0.18 0.00	23.65 -0.20 0.00	25.15 0.14 0.00	27.81 0.21 0.00	27.69 0.15 0.00	26.72 0.22 0.00	23.65 -0.05 0.00	24.87 0.15 0.00
NEG NORTH___ALICE_FALLS 23915	17.22 0.18 0.00	15.58 0.24 0.00	13.36 0.15 0.00	13.40 0.07 0.00	13.58 0.04 0.00	17.47 0.01 0.00	25.76 -0.04 0.00	26.36 -0.46 0.00	24.64 -0.26 0.00	20.55 -0.23 0.00	19.08 -0.33 0.00	17.37 -0.41 0.00	15.05 -0.28 0.00	16.56 -0.17 0.00	16.90 -0.08 0.00	17.48 0.01 0.00	19.89 0.01 0.00	23.84 -0.01 0.00	25.47 0.45 0.00	28.16 0.57 0.00	28.05 0.51 0.00	27.09 0.59 0.00	23.92 0.22 0.00	25.11 0.38 0.00
NEG NORTH___LWR_SARANAC 23913	17.22 0.18 0.00	15.58 0.24 0.00	13.36 0.15 0.00	13.40 0.07 0.00	13.58 0.04 0.00	17.47 0.01 0.00	25.76 -0.04 0.00	26.36 -0.46 0.00	24.64 -0.26 0.00	20.55 -0.23 0.00	19.08 -0.33 0.00	17.37 -0.41 0.00	15.05 -0.28 0.00	16.56 -0.17 0.00	16.90 -0.08 0.00	17.48 0.01 0.00	19.89 0.01 0.00	23.84 -0.01 0.00	25.47 0.45 0.00	28.16 0.57 0.00	28.05 0.51 0.00	27.09 0.59 0.00	23.92 0.22 0.00	25.11 0.38 0.00
NEG NORTH___PLATTSBURG 23628	17.22 0.18 0.00	15.58 0.24 0.00	13.36 0.15 0.00	13.40 0.07 0.00	13.58 0.04 0.00	17.47 0.01 0.00	25.76 -0.05 0.00	26.36 -0.46 0.00	24.64 -0.25 0.00	20.55 -0.23 0.00	19.08 -0.34 0.00	17.37 -0.41 0.00	15.05 -0.28 0.00	16.57 -0.17 0.00	16.90 -0.08 0.00	17.48 0.01 0.00	19.88 0.00 0.00	23.84 -0.01 0.00	25.47 0.45 0.00	28.17 0.57 0.00	28.05 0.51 0.00	27.08 0.58 0.00	23.92 0.22 0.00	25.11 0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	17.28 0.24 0.00	15.46 0.12 0.00	13.26 0.05 0.00	13.34 0.01 0.00	13.49 -0.05 0.00	17.58 0.12 0.00	26.03 0.23 0.00	26.88 0.00 -0.07	24.91 0.02 0.00	20.89 0.11 0.00	19.24 -0.17 0.00	17.66 -0.12 0.00	15.05 -0.28 0.00	16.40 -0.34 0.00	16.48 -0.51 0.00	17.19 -0.52 -0.24	19.48 -0.79 -0.38	23.89 -1.01 -1.05	28.17 -1.05 -4.21	26.58 -1.01 0.00	26.61 -0.93 0.00	25.83 -0.67 0.00	23.97 0.28 0.00	25.17 0.45 0.00
NEG WEST___LANCASTR 23811	17.59 0.56 0.00	15.72 0.38 0.00	13.55 0.34 0.00	13.65 0.31 0.00	13.82 0.27 0.00	17.96 0.50 0.00	26.69 0.88 0.00	27.55 0.66 -0.08	25.56 0.66 0.00	21.39 0.60 0.00	19.65 0.23 0.00	18.02 0.24 0.00	15.35 0.02 0.00	16.75 0.01 0.00	16.87 -0.12 0.00	17.73 0.02 -0.25	20.19 -0.08 -0.39	25.08 0.07 -1.16	29.93 0.19 -4.72	27.90 0.31 0.00	28.00 0.46 0.00	27.21 0.71 0.00	25.10 1.41 0.00	26.30 1.57 0.00
NEG_PENN_ALLEGHNY 23528	17.52 0.36 -0.12	15.67 0.28 -0.05	13.53 0.28 -0.04	13.65 0.27 -0.06	13.87 0.24 -0.09	17.91 0.38 -0.08	26.86 0.68 -0.37	27.78 0.80 -0.17	25.62 0.73 0.00	21.36 0.58 0.00	19.86 0.44 0.00	18.19 0.41 0.00	15.67 0.33 0.00	17.09 0.35 0.00	17.32 0.33 0.00	18.57 0.38 -0.72	21.87 0.52 -1.46	27.04 0.62 -2.57	34.19 0.61 -8.57	28.22 0.63 0.00	28.32 0.72 -0.06	27.39 0.72 -0.18	25.02 0.71 -0.62	25.70 0.62 -0.35
NEG___GEN_MONROE 24207	17.51 0.48 0.00	15.65 0.31 0.00	13.44 0.23 0.00	13.52 0.19 0.00	13.69 0.14 0.00	17.78 0.32 0.00	26.44 0.64 0.00	27.44 0.57 -0.06	25.35 0.46 0.00	21.14 0.36 0.00	19.55 0.13 0.00	17.94 0.16 0.00	15.34 0.01 0.00	16.72 -0.02 0.00	16.84 -0.14 0.00	17.59 -0.13 -0.26	20.16 -0.26 -0.53	24.51 -0.33 -1.00	28.35 -0.30 -3.63	27.39 -0.21 0.00	27.36 -0.18 0.00	26.44 -0.06 0.00	24.20 0.51 0.00	25.31 0.58 0.00
NEPA___ENERGY 23901	17.55 0.52 0.00	15.67 0.33 0.00	13.60 0.39 0.00	13.65 0.32 0.00	13.74 0.20 0.00	17.91 0.45 0.00	26.71 0.90 0.00	27.66 0.77 -0.08	25.63 0.74 0.00	21.42 0.63 0.00	19.68 0.26 0.00	18.04 0.27 0.00	15.36 0.02 0.00	16.83 0.09 0.00	16.93 -0.05 0.00	17.77 0.02 -0.27	20.47 0.13 -0.45	25.17 0.13 -1.20	29.81 0.01 -4.79	27.53 -0.06 0.00	27.74 0.20 0.00	26.93 0.44 0.00	24.62 0.93 0.00	25.71 0.98 0.00
NEVERSINK___HYD 23608	17.65 0.62 0.00	15.86 0.53 0.00	13.61 0.40 0.00	13.74 0.41 0.00	13.97 0.43 0.00	18.05 0.59 0.00	26.64 0.84 0.00	28.35 1.09 -0.45	25.96 1.06 0.00	21.66 0.88 0.00	20.20 0.79 0.00	18.53 0.76 0.00	15.58 0.25 0.00	17.01 0.27 0.00	17.32 0.34 0.00	19.83 0.48 -1.88	24.31 0.64 -3.79	31.19 0.75 -6.58	48.13 0.81 -22.30	28.59 1.00 0.00	29.12 1.57 0.00	27.93 1.43 0.00	24.85 1.15 0.00	25.61 0.88 0.00
NEWKRMKL_115KV_TB1 55635	17.32 0.28 0.00	15.61 0.28 0.00	13.46 0.24 0.00	13.59 0.26 0.00	13.84 0.29 0.00	17.76 0.30 0.00	26.20 0.39 0.00	28.14 0.67 -0.66	25.46 0.57 0.00	21.21 0.43 0.00	19.79 0.38 0.00	18.13 0.36 0.00	15.69 0.36 0.00	17.10 0.36 0.00	17.42 0.44 0.00	20.78 0.53 -2.78	26.17 0.68 -5.60	34.49 0.90 -9.74	58.95 0.89 -33.05	28.47 0.88 0.00	28.40 0.86 0.00	27.24 0.74 0.00	24.19 0.50 0.00	24.90 0.17 0.00
NEWTON___FALLS_HYD 23847	16.97 -0.07 0.00	15.40 0.06 0.00	13.27 0.06 0.00	13.34 0.00 0.00	13.50 -0.05 0.00	17.39 -0.06 0.00	25.79 -0.02 0.00	26.67 -0.16 -0.02	24.60 -0.29 0.00	20.35 -0.43 0.00	18.91 -0.51 0.00	17.28 -0.49 0.00	14.88 -0.45 0.00	16.22 -0.51 0.00	16.44 -0.55 0.00	16.94 -0.60 -0.07	19.43 -0.59 -0.14	23.59 -0.52 -0.26	25.62 -0.31 -0.91	27.50 -0.09 0.00	27.53 -0.01 0.00	26.61 0.12 0.00	23.69 -0.01 0.00	24.79 0.06 0.00
NGRID_A1_DSASP 323792	16.78 0.10 0.36	15.19 0.00 0.15	13.05 -0.04 0.11	13.08 -0.08 0.17	13.14 -0.15 0.25	17.20 -0.04 0.22	24.72 0.00 1.09	26.61 -0.27 -0.07	24.60 -0.30 0.00	20.58 -0.20 0.00	18.97 -0.44 0.00	17.41 -0.36 0.00	14.87 -0.47 0.00	16.14 -0.60 0.00	16.21 -0.77 0.00	16.93 -0.77 -0.23	19.10 -1.12 -0.33	23.32 -1.56 -1.03	27.53 -1.67 -4.19	25.89 -1.70 0.00	25.77 -1.60 0.16	24.71 -1.28 0.51	21.83 -0.15 1.71	23.79 0.02 0.97
NGRID_A2_DSASP 323793	16.78 0.10 0.36	15.19 0.00 0.15	13.05 -0.04 0.11	13.08 -0.08 0.17	13.14 -0.15 0.25	17.20 -0.04 0.22	24.72 0.00 1.09	26.61 -0.27 -0.07	24.60 -0.30 0.00	20.58 -0.20 0.00	18.97 -0.44 0.00	17.41 -0.36 0.00	14.87 -0.47 0.00	16.14 -0.60 0.00	16.21 -0.77 0.00	16.93 -0.77 -0.23	19.10 -1.12 -0.33	23.32 -1.56 -1.03	27.53 -1.67 -4.19	25.89 -1.70 0.00	25.77 -1.60 0.16	24.71 -1.28 0.51	21.83 -0.15 1.71	23.79 0.02 0.97

NGRID_A4_DSASP 323807	17.14 0.10 0.00	15.34 0.00 0.00	13.17 -0.04 0.00	13.24 -0.09 0.00	13.39 -0.16 0.00	17.41 -0.04 0.00	25.80 -0.01 0.00	26.62 -0.27 -0.07	24.59 -0.30 0.00	20.58 -0.20 0.00	18.98 -0.44 0.00	17.41 -0.36 0.00	14.85 -0.49 0.00	16.14 -0.60 0.00	16.20 -0.78 0.00	16.92 -0.78 -0.23	19.07 -1.15 -0.33	23.32 -1.56 -1.03	27.54 -1.67 -4.19	25.90 -1.69 0.00	25.94 -1.60 0.00	25.20 -1.30 0.00	23.54 -0.15 0.00	24.75 0.02 0.00
NIAGARA_115E_LBMP 323715	16.64 -0.04 0.35	15.07 -0.12 0.15	12.93 -0.17 0.11	12.96 -0.20 0.17	13.03 -0.27 0.25	17.08 -0.16 0.22	24.52 -0.22 1.07	26.35 -0.54 -0.07	24.44 -0.45 0.00	20.54 -0.25 0.00	18.93 -0.49 0.00	17.37 -0.41 0.00	14.85 -0.49 0.00	16.16 -0.58 0.00	16.23 -0.75 0.00	16.91 -0.80 -0.23	19.12 -1.13 -0.36	23.43 -1.47 -1.05	27.72 -1.56 -4.26	26.03 -1.56 0.00	25.91 -1.48 0.16	24.83 -1.17 0.50	21.83 -0.19 1.67	23.79 0.01 0.95
NIAGARA_115W_LBMP 323714	16.76 0.08 0.36	15.16 -0.02 0.15	13.03 -0.07 0.11	13.06 -0.10 0.17	13.12 -0.17 0.25	17.17 -0.07 0.22	24.69 -0.03 1.09	26.57 -0.31 -0.07	24.55 -0.34 0.00	20.54 -0.24 0.00	18.94 -0.48 0.00	17.38 -0.39 0.00	14.84 -0.50 0.00	16.10 -0.64 0.00	16.17 -0.81 0.00	16.89 -0.81 -0.23	19.04 -1.17 -0.33	23.25 -1.62 -1.03	27.48 -1.73 -4.19	25.83 -1.76 0.00	25.70 -1.68 0.16	24.63 -1.36 0.51	21.77 -0.21 1.71	23.74 -0.03 0.97
NIAGARA_230_LBMP 323716	16.78 0.10 0.36	15.18 0.00 0.15	13.06 -0.04 0.11	13.09 -0.07 0.17	13.15 -0.14 0.25	17.20 -0.04 0.22	24.74 0.01 1.08	26.64 -0.25 -0.07	24.68 -0.21 0.00	20.68 -0.10 0.00	19.06 -0.36 0.00	17.50 -0.28 0.00	14.94 -0.39 0.00	16.23 -0.51 0.00	16.31 -0.68 0.00	17.02 -0.67 -0.22	19.27 -0.92 -0.31	23.61 -1.26 -1.02	27.84 -1.37 -4.19	26.23 -1.36 0.00	26.10 -1.28 0.16	25.03 -0.96 0.51	22.01 0.02 1.70	23.95 0.18 0.96
NIAGARA__115KV_198_GIBSON 55903	17.11 0.08 0.00	15.31 -0.02 0.00	13.15 -0.07 0.00	13.23 -0.10 0.00	13.37 -0.18 0.00	17.39 -0.07 0.00	25.75 -0.05 0.00	26.57 -0.32 -0.07	24.55 -0.34 0.00	20.54 -0.24 0.00	18.94 -0.48 0.00	17.38 -0.39 0.00	14.81 -0.52 0.00	16.10 -0.64 0.00	16.17 -0.81 0.00	16.88 -0.82 -0.23	19.03 -1.19 -0.33	23.25 -1.63 -1.03	27.48 -1.72 -4.19	25.84 -1.75 0.00	25.86 -1.67 0.00	25.12 -1.38 0.00	23.49 -0.20 0.00	24.70 -0.03 0.00
NIAGARA____ 23760	16.78 0.10 0.35	15.18 0.00 0.15	13.06 -0.04 0.11	13.09 -0.07 0.17	13.15 -0.14 0.25	17.20 -0.04 0.22	24.74 0.01 1.08	26.64 -0.21 -0.07	24.68 -0.21 0.00	20.68 -0.10 0.00	19.06 -0.36 0.00	17.50 -0.28 0.00	14.94 -0.39 0.00	16.23 -0.51 0.00	16.31 -0.68 0.00	17.03 -0.67 -0.22	19.30 -0.92 -0.33	23.63 -1.26 -1.03	27.86 -1.37 -4.21	26.23 -1.36 0.00	26.10 -1.28 0.16	25.03 -0.96 0.50	22.02 0.02 1.69	23.96 0.18 0.95
NINE_MILE_1 23575	16.71 -0.33 0.00	15.02 -0.31 0.00	12.94 -0.27 0.00	13.05 -0.28 0.00	13.25 -0.29 0.00	17.12 -0.33 0.00	25.33 -0.47 0.00	26.31 -0.54 -0.04	24.37 -0.52 0.00	20.34 -0.44 0.00	18.95 -0.47 0.00	17.37 -0.41 0.00	14.96 -0.38 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.11 -0.52 -0.16	19.56 -0.64 -0.31	23.59 -0.80 -0.54	26.03 -0.84 -1.86	26.67 -0.92 0.00	26.64 -0.91 0.00	25.64 -0.85 0.00	23.09 -0.60 0.00	24.21 -0.52 0.00
NINE_MILE_2 23744	16.71 -0.33 0.00	15.03 -0.31 0.00	12.94 -0.27 0.00	13.05 -0.28 0.00	13.25 -0.29 0.00	17.12 -0.33 0.00	25.33 -0.47 0.00	26.32 -0.53 -0.04	24.37 -0.52 0.00	20.34 -0.44 0.00	18.95 -0.47 0.00	17.37 -0.41 0.00	14.96 -0.37 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.11 -0.52 -0.16	19.56 -0.64 -0.31	23.59 -0.80 -0.53	26.03 -0.83 -1.85	26.67 -0.91 0.00	26.64 -0.91 0.00	25.64 -0.85 0.00	23.09 -0.60 0.00	24.21 -0.52 0.00
NM_CAPITAL____DRP 24208	17.37 0.33 0.00	15.66 0.32 0.00	13.48 0.27 0.00	13.61 0.28 0.00	13.86 0.32 0.00	17.80 0.35 0.00	26.25 0.44 0.00	28.20 0.73 -0.66	25.52 0.63 0.00	21.25 0.47 0.00	19.83 0.41 0.00	18.16 0.38 0.00	15.71 0.38 0.00	17.13 0.39 0.00	17.46 0.47 0.00	20.81 0.56 -2.77	26.20 0.72 -5.59	34.52 0.95 -9.72	58.93 0.94 -32.97	28.53 0.94 0.00	28.46 0.92 0.00	27.31 0.81 0.00	24.24 0.55 0.00	24.93 0.20 0.00
NM_CENTRAL____DRP 24181	17.06 0.02 0.00	15.33 -0.01 0.00	13.20 -0.01 0.00	13.31 -0.02 0.00	13.51 -0.03 0.00	17.49 0.04 0.00	25.93 0.12 0.00	26.97 0.10 -0.05	24.96 0.07 0.00	20.81 0.02 0.00	19.36 -0.05 0.00	17.75 -0.03 0.00	15.27 -0.06 0.00	16.64 -0.10 0.00	16.82 -0.17 0.00	17.53 -0.16 -0.22	20.22 -0.13 -0.46	24.56 -0.14 -0.85	27.82 -0.15 -2.95	27.44 -0.15 0.00	27.39 -0.15 0.00	26.36 -0.14 0.00	23.77 0.08 0.00	24.89 0.17 0.00
NM_FRONTIER____DRP 24179	17.11 0.08 0.00	15.31 -0.02 0.00	13.15 -0.07 0.00	13.23 -0.10 0.00	13.37 -0.18 0.00	17.39 -0.07 0.00	25.75 -0.05 0.00	26.57 -0.32 -0.07	24.55 -0.34 0.00	20.54 -0.24 0.00	18.94 -0.48 0.00	17.38 -0.39 0.00	14.81 -0.52 0.00	16.10 -0.64 0.00	16.17 -0.81 0.00	16.88 -0.82 -0.23	19.03 -1.19 -0.33	23.25 -1.63 -1.03	27.48 -1.72 -4.19	25.84 -1.75 0.00	25.86 -1.67 0.00	25.12 -1.38 0.00	23.49 -0.20 0.00	24.70 -0.03 0.00
NM_ST_REGIS____HYD 24053	16.94 -0.09 0.00	15.30 -0.03 0.00	13.17 -0.04 0.00	13.20 -0.13 0.00	13.32 -0.22 0.00	17.10 -0.35 0.00	25.27 -0.53 0.00	26.02 -0.80 0.00	24.13 -0.76 0.00	20.00 -0.78 0.00	18.63 -0.78 0.00	17.00 -0.77 0.00	14.69 -0.64 0.00	16.11 -0.63 0.00	16.37 -0.61 0.00	16.80 -0.67 0.00	19.15 -0.73 0.00	23.07 -0.78 0.00	24.37 -0.64 0.00	27.05 -0.54 0.00	27.10 -0.44 0.00	26.31 -0.19 0.00	23.34 -0.35 0.00	24.57 -0.16 0.00
NORTHPORT____1 23551	18.33 1.29 0.00	16.46 1.13 0.00	14.07 0.86 0.00	14.19 0.86 0.00	14.46 0.92 0.00	18.74 1.28 0.00	27.82 2.01 0.00	29.66 2.31 -0.54	27.20 2.31 0.00	22.73 1.94 0.00	21.29 1.87 0.00	19.53 1.76 0.00	16.87 1.54 0.00	18.46 1.72 0.00	18.74 1.76 0.00	38.13 2.00 -18.65	32.91 2.39 -10.64	34.88 2.66 -8.37	54.47 2.38 -27.08	32.48 2.65 -2.24	36.77 2.54 -6.69	29.90 2.41 -1.00	25.64 1.95 0.00	26.32 1.60 0.00
NORTHPORT____2 23552	18.33 1.29 0.00	16.46 1.13 0.00	14.07 0.86 0.00	14.19 0.86 0.00	14.46 0.92 0.00	18.74 1.28 0.00	27.82 2.01 0.00	29.66 2.31 -0.54	27.20 2.31 0.00	22.73 1.94 0.00	21.29 1.87 0.00	19.53 1.76 0.00	16.87 1.54 0.00	18.46 1.72 0.00	18.74 1.76 0.00	38.13 2.00 -18.65	32.91 2.39 -10.64	34.88 2.66 -8.37	54.47 2.38 -27.08	32.48 2.65 -2.24	36.77 2.54 -6.69	29.90 2.41 -1.00	25.64 1.95 0.00	26.32 1.60 0.00
NORTHPORT____3 23553	18.13 1.09 0.00	16.28 0.95 0.00	13.92 0.71 0.00	14.04 0.71 0.00	14.31 0.77 0.00	18.54 1.08 0.00	27.52 1.72 0.00	29.39 2.03 -0.54	26.93 2.04 0.00	22.52 1.73 0.00	21.09 1.68 0.00	19.35 1.57 0.00	16.72 1.39 0.00	18.29 1.55 0.00	18.60 1.61 0.00	37.96 1.84 -18.65	32.73 2.21 -10.64	34.74 2.52 -8.37	54.34 2.24 -27.08	32.27 2.44 -2.24	36.57 2.33 -6.69	29.69 2.19 -1.00	25.45 1.76 0.00	26.06 1.34 0.00

NORTHPORT___4 23650	18.13 1.09 0.00	16.28 0.95 0.00	13.92 0.71 0.00	14.04 0.71 0.00	14.31 0.77 0.00	18.54 1.08 0.00	27.52 1.72 0.00	29.39 2.03 -0.54	26.93 2.04 0.00	22.52 1.73 0.00	21.09 1.68 0.00	19.35 1.57 0.00	16.72 1.39 0.00	18.29 1.55 0.00	18.60 1.61 0.00	37.96 1.84 -18.65	32.73 2.21 -10.64	34.74 2.52 -8.37	54.34 2.24 -27.08	32.27 2.44 -2.24	36.57 2.33 -6.69	29.69 2.19 -1.00	25.45 1.76 0.00	26.06 1.34 0.00
NORTHPORT___IC 23718	18.33 1.29 0.00	16.46 1.13 0.00	14.07 0.86 0.00	14.19 0.86 0.00	14.46 0.92 0.00	18.74 1.28 0.00	27.82 2.01 0.00	29.66 2.31 -0.54	27.20 2.31 0.00	22.73 1.94 0.00	21.29 1.87 0.00	19.53 1.76 0.00	16.87 1.54 0.00	18.46 1.72 0.00	18.74 1.76 0.00	38.13 2.00 -18.65	32.91 2.39 -10.64	34.88 2.66 -8.37	54.47 2.38 -27.08	32.48 2.65 -2.24	36.77 2.54 -6.69	29.90 2.41 -1.00	25.64 1.95 0.00	26.32 1.60 0.00
NORTH___COUNTRY_ESR 323785	16.98 -0.05 0.00	15.36 0.02 0.00	13.18 -0.04 0.00	13.23 -0.10 0.00	13.42 -0.12 0.00	17.27 -0.19 0.00	25.42 -0.38 0.00	26.05 -0.77 0.00	24.33 -0.56 0.00	20.33 -0.45 0.00	18.89 -0.53 0.00	17.17 -0.60 0.00	14.90 -0.43 0.00	16.41 -0.33 0.00	16.74 -0.25 0.00	17.26 -0.21 0.00	19.65 -0.24 0.00	23.59 -0.26 0.00	25.07 0.05 0.00	27.70 0.11 0.00	27.58 0.04 0.00	26.61 0.11 0.00	23.56 -0.13 0.00	24.79 0.06 0.00
NPX_GEN_1385_PROXY 323591	18.33 1.29 0.00	16.46 1.13 0.00	14.07 0.85 0.00	14.11 0.78 0.00	14.41 0.86 0.00	18.69 1.24 0.00	27.39 1.58 0.00	28.90 1.55 -0.54	26.55 1.65 0.00	22.20 1.42 0.00	20.61 1.19 0.00	18.92 1.15 0.00	16.44 1.10 0.00	17.99 1.25 0.00	18.18 1.19 0.00	37.56 1.43 -18.65	32.28 1.75 -10.64	34.12 1.89 -8.37	53.70 1.61 -27.08	31.89 2.06 -2.24	36.02 1.79 -6.69	29.25 1.77 -1.00	24.79 1.10 0.00	25.95 1.22 0.00
NPX_GEN_CSC 323557	18.58 1.54 0.00	16.67 1.33 0.00	14.24 1.03 0.00	14.37 1.04 0.00	14.64 1.10 0.00	18.98 1.52 0.00	28.39 2.58 0.00	30.34 2.99 -0.54	27.79 2.90 0.00	23.21 2.43 0.00	21.70 2.28 0.00	19.89 2.12 0.00	17.15 1.82 0.00	18.81 2.07 0.00	19.09 2.10 0.00	38.52 2.39 -18.65	33.35 2.83 -10.64	35.52 3.30 -8.37	55.20 3.11 -27.08	33.28 3.45 -2.24	37.58 3.34 -6.69	30.71 3.22 -1.00	26.35 2.66 0.00	26.74 2.02 0.00
NSINS_S_GLNS_FALLS 23858	18.15 1.11 0.00	16.38 1.04 0.00	14.06 0.85 0.00	14.17 0.84 0.00	14.45 0.91 0.00	18.76 1.31 0.00	27.83 2.02 0.00	29.91 2.42 -0.67	26.97 2.08 0.00	22.33 1.55 0.00	20.73 1.31 0.00	18.90 1.12 0.00	16.28 0.94 0.00	17.63 0.89 0.00	17.96 0.97 0.00	21.43 1.13 -2.84	26.88 1.27 -5.72	35.50 1.71 -9.94	60.49 1.75 -33.73	29.28 1.69 0.00	29.28 1.74 0.00	28.06 1.57 0.00	25.29 1.60 0.00	26.27 1.54 0.00
NUCOR_STEEL___DRP 24197	17.34 0.30 0.00	15.58 0.24 0.00	13.44 0.23 0.00	13.53 0.20 0.00	13.69 0.15 0.00	17.83 0.37 0.00	26.41 0.61 0.00	27.49 0.61 -0.07	25.32 0.42 0.00	21.14 0.36 0.00	19.62 0.20 0.00	17.93 0.15 0.00	15.46 0.12 0.00	16.86 0.13 0.00	17.04 0.05 0.00	17.85 0.09 -0.28	20.94 0.47 -0.59	25.58 0.64 -1.09	29.48 0.51 -3.96	28.07 0.48 0.00	28.03 0.49 0.00	26.95 0.46 0.00	24.53 0.84 0.00	25.97 1.25 0.00
NUMBER_THREE_WT_PWR 323818	17.12 0.08 0.00	15.61 0.27 0.00	13.47 0.26 0.00	13.58 0.25 0.00	13.78 0.24 0.00	17.83 0.37 0.00	26.46 0.65 0.00	27.44 0.60 -0.02	25.26 0.37 0.00	20.88 0.10 0.00	19.34 -0.07 0.00	17.70 -0.07 0.00	15.21 -0.12 0.00	16.53 -0.21 0.00	16.72 -0.26 0.00	17.28 -0.28 -0.09	19.89 -0.19 -0.19	24.25 0.05 -0.35	26.58 0.35 -1.23	28.22 0.63 0.00	28.18 0.64 0.00	27.09 0.60 0.00	24.15 0.46 0.00	25.18 0.45 0.00
NYISO_LBMP_REFERENCE 24008	17.04 0.00 0.00	15.34 0.00 0.00	13.21 0.00 0.00	13.33 0.00 0.00	13.54 0.00 0.00	17.46 0.00 0.00	25.81 0.00 0.00	26.82 0.00 0.00	24.89 0.00 0.00	20.78 0.00 0.00	19.42 0.00 0.00	17.78 0.00 0.00	15.33 0.00 0.00	16.74 0.00 0.00	16.98 0.00 0.00	17.47 0.00 0.00	19.88 0.00 0.00	23.85 0.00 0.00	25.01 0.00 0.00	27.59 0.00 0.00	27.54 0.00 0.00	26.49 0.00 0.00	23.69 0.00 0.00	24.73 0.00 0.00
NYPA_BRENTWD___GT 24164	18.50 1.46 0.00	16.60 1.26 0.00	14.18 0.97 0.00	14.31 0.98 0.00	14.58 1.03 0.00	18.90 1.44 0.00	28.14 2.33 0.00	30.06 2.70 -0.54	27.56 2.67 0.00	23.02 2.24 0.00	21.54 2.12 0.00	19.76 1.98 0.00	17.06 1.73 0.00	18.67 1.93 0.00	18.97 1.98 0.00	38.38 2.25 -18.65	33.23 2.70 -10.64	35.24 3.02 -8.37	54.88 2.78 -27.08	32.93 3.10 -2.24	37.30 3.06 -6.69	30.40 2.91 -1.00	26.07 2.38 0.00	26.64 1.91 0.00
NYPA_GOWANUS___GT5 24156	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NYPA_GOWANUS___GT6 24157	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.13 1.59 -3.12	76.08 1.49 -56.81	21.89 1.34 -5.22	25.51 1.44 -7.33	60.34 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.48 2.29 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.16 0.00	28.52 2.02 0.00	25.37 1.67 0.00	25.98 1.26 0.00
NYPA_HARLEM__RVR_GT1 24160	17.88 0.84 0.00	16.11 0.77 0.00	13.79 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.05 1.25 0.00	29.00 1.64 -0.54	26.64 1.74 -0.01	22.35 1.56 -0.01	20.91 1.49 0.00	19.19 1.41 -0.01	16.60 1.27 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.64 -2.27	26.41 1.93 -4.59	33.97 2.13 -7.98	54.00 1.91 -27.07	29.57 1.99 0.00	29.45 1.91 0.00	28.32 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
NYPA_HARLEM__RVR_GT2 24161	17.88 0.84 0.00	16.11 0.77 0.00	13.79 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.05 1.25 0.00	29.00 1.64 -0.54	26.64 1.74 -0.01	22.35 1.56 -0.01	20.91 1.49 0.00	19.19 1.41 -0.01	16.60 1.27 0.00	18.10 1.36 -0.01	18.43 1.44 -0.01	21.39 1.64 -2.27	26.41 1.93 -4.59	33.97 2.13 -7.98	54.00 1.91 -27.07	29.57 1.99 0.00	29.45 1.91 0.00	28.32 1.82 0.00	25.20 1.51 0.00	25.83 1.10 0.00
NYPA_KENT___GT 24152	17.96 0.92 0.00	16.15 0.81 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.24 0.69 0.00	18.37 0.92 0.00	27.17 1.36 0.00	29.15 1.79 -0.54	26.76 1.87 -0.01	22.46 1.67 -0.01	24.44 1.60 -3.43	81.66 1.49 -62.39	22.41 1.34 -5.74	26.23 1.44 -8.05	64.45 1.54 -45.93	51.14 1.74 -31.94	36.01 2.05 -14.08	35.60 2.27 -9.48	54.12 2.03 -27.07	29.77 2.18 0.00	29.66 2.12 0.00	28.48 1.99 0.00	25.34 1.65 0.00	25.96 1.23 0.00



ONEIDA_HERK_LFGE 323681	17.30 0.26 0.00	15.65 0.31 0.00	13.49 0.28 0.00	13.61 0.28 0.00	13.83 0.29 0.00	17.88 0.43 0.00	26.47 0.67 0.00	27.50 0.66 -0.02	25.38 0.49 0.00	21.08 0.30 0.00	19.60 0.18 0.00	17.95 0.17 0.00	15.45 0.12 0.00	16.83 0.09 0.00	17.04 0.06 0.00	17.61 0.06 -0.08	20.21 0.16 -0.17	24.50 0.34 -0.30	26.59 0.52 -1.06	28.27 0.68 0.00	28.22 0.68 0.00	27.11 0.62 0.00	24.21 0.51 0.00	25.26 0.53 0.00
ONEIDA___115KV_TB4 55905	17.44 0.41 0.00	15.71 0.38 0.00	13.55 0.33 0.00	13.66 0.33 0.00	13.89 0.34 0.00	17.97 0.52 0.00	26.60 0.79 0.00	27.68 0.83 -0.03	25.55 0.66 0.00	21.24 0.45 0.00	19.75 0.33 0.00	18.11 0.34 0.00	15.59 0.25 0.00	16.99 0.25 0.00	17.22 0.23 0.00	17.86 0.24 -0.14	20.54 0.36 -0.30	24.92 0.52 -0.54	27.55 0.65 -1.89	28.40 0.81 0.00	28.33 0.79 0.00	27.20 0.70 0.00	24.36 0.67 0.00	25.45 0.72 0.00
ONONDAGA_REF_OCCRA 23987	17.16 0.12 0.00	15.41 0.07 0.00	13.28 0.07 0.00	13.39 0.06 0.00	13.60 0.05 0.00	17.60 0.15 0.00	26.09 0.28 0.00	27.16 0.29 -0.06	25.11 0.22 0.00	20.93 0.15 0.00	19.47 0.05 0.00	17.84 0.07 0.00	15.35 0.02 0.00	16.73 -0.01 0.00	16.91 -0.08 0.00	17.67 -0.06 -0.26	20.47 0.02 -0.55	24.93 0.07 -1.00	28.59 0.07 -3.50	27.69 0.10 0.00	27.66 0.12 0.00	26.60 0.10 0.00	23.97 0.28 0.00	25.10 0.38 0.00
ONONDAGA___COGEN 23986	17.22 0.18 0.00	15.48 0.14 0.00	13.33 0.12 0.00	13.44 0.11 0.00	13.66 0.11 0.00	17.69 0.23 0.00	26.18 0.37 0.00	27.23 0.35 -0.06	25.16 0.27 0.00	20.97 0.19 0.00	19.51 0.09 0.00	17.88 0.10 0.00	15.38 0.05 0.00	16.76 0.02 0.00	16.93 -0.05 0.00	17.68 -0.04 -0.24	20.59 0.19 -0.51	25.10 0.31 -0.94	28.60 0.21 -3.37	27.83 0.24 0.00	27.78 0.24 0.00	26.71 0.22 0.00	24.17 0.48 0.00	25.51 0.78 0.00
ONTARIO___LFGE 23819	17.37 0.33 0.00	15.58 0.24 0.00	13.46 0.25 0.00	13.56 0.23 0.00	13.74 0.20 0.00	17.86 0.40 0.00	26.62 0.72 -0.09	27.85 0.73 -0.30	25.51 0.60 -0.01	21.37 0.40 -0.19	19.55 0.13 0.00	17.90 0.13 0.00	15.32 -0.01 0.00	16.72 -0.02 0.00	16.87 -0.12 0.00	17.69 -0.07 -0.29	20.58 0.10 -0.60	25.23 0.24 -1.15	29.48 0.20 -4.26	27.88 0.30 0.00	27.93 0.39 0.00	26.89 0.39 0.00	24.39 0.69 0.00	25.54 0.82 0.00
ORANGEVILLE_WT_PWR 323706	17.18 0.31 0.16	15.48 0.21 0.07	13.37 0.21 0.05	13.44 0.19 0.08	13.56 0.14 0.11	17.69 0.34 0.10	26.13 0.67 0.36	27.77 0.48 -0.48	25.36 0.44 -0.02	21.49 0.38 -0.33	19.45 0.03 0.00	17.80 0.02 0.00	15.17 -0.17 0.00	16.55 -0.19 0.00	16.66 -0.32 0.00	17.48 -0.27 -0.28	20.09 -0.28 -0.48	24.79 -0.31 -1.25	29.73 -0.33 -5.04	27.28 -0.31 0.00	27.33 -0.14 0.07	26.37 0.11 0.23	23.64 0.73 0.78	25.10 0.81 0.44
ORANGEVILLE___ESR 323794	17.18 0.31 0.16	15.48 0.21 0.07	13.37 0.21 0.05	13.44 0.19 0.08	13.56 0.14 0.11	17.69 0.34 0.10	26.13 0.67 0.36	27.77 0.48 -0.48	25.36 0.44 -0.02	21.49 0.38 -0.33	19.45 0.03 0.00	17.80 0.02 0.00	15.17 -0.17 0.00	16.55 -0.19 0.00	16.66 -0.32 0.00	17.48 -0.27 -0.28	20.09 -0.28 -0.48	24.79 -0.31 -1.25	29.73 -0.33 -5.04	27.28 -0.31 0.00	27.33 -0.14 0.07	26.37 0.11 0.23	23.64 0.73 0.78	25.10 0.81 0.44
OSWEGATCHIE___HYD 24044	16.97 -0.07 0.00	15.40 0.06 0.00	13.27 0.06 0.00	13.34 0.00 0.00	13.50 -0.05 0.00	17.39 -0.06 0.00	25.79 -0.01 0.00	26.67 -0.16 -0.02	24.61 -0.29 0.00	20.35 -0.43 0.00	18.91 -0.51 0.00	17.28 -0.49 0.00	14.88 -0.45 0.00	16.22 -0.51 0.00	16.44 -0.55 0.00	16.94 -0.60 -0.07	19.43 -0.60 -0.14	23.59 -0.52 -0.26	25.62 -0.31 -0.91	27.50 -0.09 0.00	27.53 -0.01 0.00	26.62 0.12 0.00	23.69 -0.01 0.00	24.79 0.06 0.00
OSWEGO___5 23606	16.82 -0.22 0.00	15.12 -0.22 0.00	13.02 -0.19 0.00	13.14 -0.19 0.00	13.33 -0.21 0.00	17.24 -0.22 0.00	25.52 -0.29 0.00	26.52 -0.33 -0.04	24.56 -0.33 0.00	20.49 -0.30 0.00	19.08 -0.33 0.00	17.48 -0.29 0.00	15.06 -0.27 0.00	16.41 -0.33 0.00	16.60 -0.39 0.00	17.26 -0.39 -0.18	19.68 -0.52 -0.32	23.68 -0.69 -0.52	26.11 -0.72 -1.82	26.81 -0.78 0.00	26.76 -0.78 0.00	25.77 -0.73 0.00	23.20 -0.49 0.00	24.31 -0.42 0.00
OSWEGO___6 23613	16.82 -0.22 0.00	15.12 -0.22 0.00	13.02 -0.19 0.00	13.14 -0.19 0.00	13.33 -0.21 0.00	17.24 -0.22 0.00	25.52 -0.29 0.00	26.52 -0.33 -0.04	24.56 -0.33 0.00	20.49 -0.30 0.00	19.08 -0.33 0.00	17.48 -0.29 0.00	15.06 -0.27 0.00	16.41 -0.33 0.00	16.60 -0.39 0.00	17.26 -0.39 -0.18	19.68 -0.52 -0.32	23.68 -0.69 -0.52	26.11 -0.72 -1.82	26.81 -0.78 0.00	26.76 -0.78 0.00	25.77 -0.73 0.00	23.20 -0.49 0.00	24.31 -0.42 0.00
OUTOKUMPU-AB___DRP 24206	17.51 0.47 0.00	15.65 0.31 0.00	13.45 0.23 0.00	13.52 0.19 0.00	13.67 0.13 0.00	17.81 0.35 0.00	26.40 0.59 0.00	27.25 0.36 -0.07	25.23 0.33 0.00	21.14 0.36 0.00	19.47 0.06 0.00	17.87 0.10 0.00	15.23 -0.10 0.00	16.59 -0.15 0.00	16.68 -0.31 0.00	17.41 -0.29 -0.24	19.73 -0.52 -0.37	24.21 -0.71 -1.07	28.65 -0.74 -4.37	26.91 -0.68 0.00	26.94 -0.60 0.00	26.14 -0.35 0.00	24.27 0.58 0.00	25.47 0.74 0.00
OXBOW___ 24026	16.99 0.31 0.36	15.36 0.17 0.15	13.21 0.11 0.11	13.23 0.07 0.17	13.30 0.01 0.25	17.42 0.18 0.22	25.07 0.35 1.09	26.97 0.09 -0.07	24.95 0.06 0.00	20.89 0.11 0.00	19.25 -0.16 0.00	17.67 -0.11 0.00	15.08 -0.25 0.00	16.39 -0.35 0.00	16.47 -0.51 0.00	17.20 -0.50 -0.23	19.47 -0.77 -0.35	23.82 -1.09 -1.06	28.20 -1.16 -4.34	26.44 -1.15 0.00	26.32 -1.06 0.16	25.23 -0.76 0.51	22.23 0.25 1.71	24.19 0.42 0.96
OXY_CHEM_DSASP 323612	17.14 0.10 0.00	15.34 0.00 0.00	13.17 -0.04 0.00	13.24 -0.09 0.00	13.39 -0.16 0.00	17.41 -0.04 0.00	25.80 -0.01 0.00	26.62 -0.27 -0.07	24.59 -0.30 0.00	20.58 -0.20 0.00	18.98 -0.44 0.00	17.41 -0.36 0.00	14.85 -0.49 0.00	16.14 -0.60 0.00	16.20 -0.78 0.00	16.92 -0.78 -0.23	19.07 -1.15 -0.33	23.32 -1.56 -1.03	27.54 -1.67 -4.19	25.90 -1.69 0.00	25.94 -1.60 0.00	25.20 -1.30 0.00	23.54 -0.15 0.00	24.75 0.02 0.00
OZONE_PARK_ESR 323760	18.05 1.01 0.00	16.23 0.89 0.00	13.90 0.69 0.00	14.06 0.73 0.00	14.31 0.76 0.00	18.46 1.00 0.00	27.32 1.51 0.00	29.28 1.93 -0.54	26.90 2.01 0.00	22.59 1.81 0.00	21.13 1.71 0.00	19.38 1.60 0.00	16.77 1.44 0.00	18.28 1.54 0.00	18.62 1.64 0.00	21.59 1.85 -2.28	26.66 2.18 -4.59	34.27 2.43 -7.98	54.31 2.22 -27.07	29.93 2.34 0.00	29.79 2.25 0.00	28.63 2.14 0.00	25.47 1.78 0.00	26.09 1.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.14 0.10 0.00	15.34 0.00 0.00	13.17 -0.04 0.00	13.24 -0.09 0.00	13.39 -0.16 0.00	17.41 -0.04 0.00	25.80 -0.01 0.00	26.62 -0.27 -0.07	24.59 -0.30 0.00	20.58 -0.20 0.00	18.98 -0.44 0.00	17.41 -0.36 0.00	14.85 -0.49 0.00	16.14 -0.60 0.00	16.20 -0.78 0.00	16.92 -0.78 -0.23	19.07 -1.15 -0.33	23.32 -1.56 -1.03	27.54 -1.67 -4.19	25.90 -1.69 0.00	25.94 -1.60 0.00	25.20 -1.30 0.00	23.54 -0.15 0.00	24.75 0.02 0.00

PACKARD__115KV_DUPONT_184 80571	17.14 0.10 0.00	15.34 0.00 0.00	13.17 -0.04 0.00	13.24 -0.09 0.00	13.39 -0.16 0.00	17.41 -0.04 0.00	25.80 -0.01 0.00	26.62 -0.27 -0.07	24.59 -0.30 0.00	20.58 -0.20 0.00	18.98 -0.44 0.00	17.41 -0.36 0.00	14.85 -0.49 0.00	16.14 -0.60 0.00	16.20 -0.78 0.00	16.92 -0.78 -0.23	19.07 -1.15 -0.33	23.32 -1.56 -1.03	27.54 -1.67 -4.19	25.90 -1.69 0.00	25.94 -1.60 0.00	25.20 -1.30 0.00	23.54 -0.15 0.00	24.75 0.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	17.87 0.83 0.00	16.10 0.76 0.00	13.80 0.59 0.00	13.96 0.63 0.00	14.20 0.66 0.00	18.33 0.87 0.00	27.10 1.29 0.00	29.05 1.69 -0.54	26.65 1.75 -0.01	22.34 1.55 -0.01	20.89 1.48 0.00	19.17 1.39 -0.01	16.59 1.25 0.00	18.08 1.34 -0.01	18.42 1.43 -0.01	21.37 1.63 -2.28	26.39 1.91 -4.59	33.98 2.14 -7.99	54.02 1.93 -27.07	29.60 2.01 0.00	29.47 1.93 0.00	28.32 1.83 0.00	25.19 1.49 0.00	25.83 1.10 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	17.91 0.87 0.00	16.15 0.81 0.00	13.85 0.64 0.00	14.01 0.68 0.00	14.25 0.71 0.00	18.39 0.94 0.00	27.10 1.29 0.00	29.05 1.69 -0.54	26.63 1.73 -0.01	22.31 1.52 -0.01	20.86 1.44 0.00	19.15 1.38 -0.01	16.58 1.24 0.00	18.07 1.33 -0.01	18.41 1.42 -0.01	21.37 1.63 -2.28	26.39 1.91 -4.59	33.97 2.13 -7.99	54.03 1.94 -27.07	29.60 2.01 0.00	29.50 1.95 0.00	28.31 1.82 0.00	25.18 1.49 0.00	25.91 1.19 0.00
PATROON__115KV_TB1 80586	17.38 0.34 0.00	15.66 0.33 0.00	13.49 0.28 0.00	13.63 0.30 0.00	13.88 0.33 0.00	17.82 0.36 0.00	26.28 0.48 0.00	28.23 0.76 -0.66	25.55 0.66 0.00	21.28 0.50 0.00	19.85 0.44 0.00	18.19 0.41 0.00	15.73 0.40 0.00	17.15 0.41 0.00	17.48 0.49 0.00	20.84 0.59 -2.79	26.25 0.75 -5.61	34.59 0.97 -9.76	59.11 0.97 -33.12	28.57 0.97 0.00	28.50 0.95 0.00	27.33 0.83 0.00	24.27 0.58 0.00	24.98 0.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.60 0.56 0.00	15.72 0.39 0.00	13.54 0.33 0.00	13.63 0.30 0.00	13.80 0.25 0.00	17.95 0.49 0.00	26.66 0.86 0.00	27.55 0.66 -0.08	25.54 0.65 0.00	21.39 0.60 0.00	19.67 0.25 0.00	18.04 0.26 0.00	15.37 0.04 0.00	16.77 0.03 0.00	16.88 -0.11 0.00	17.71 -0.01 -0.24	20.16 -0.11 -0.38	24.95 -0.03 -1.13	29.67 0.04 -4.61	27.75 0.16 0.00	27.83 0.28 0.00	27.02 0.52 0.00	24.95 1.25 0.00	26.13 1.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	17.96 0.92 0.00	16.14 0.81 0.00	13.83 0.62 0.00	14.00 0.67 0.00	14.24 0.70 0.00	18.40 0.94 0.00	27.22 1.41 0.00	29.15 1.79 -0.55	26.67 1.77 0.00	22.31 1.52 0.00	20.84 1.42 0.00	19.10 1.32 0.00	16.51 1.18 0.00	18.01 1.28 0.00	18.35 1.36 0.00	21.33 1.56 -2.31	26.39 1.85 -4.65	34.12 2.18 -8.09	54.52 2.08 -27.43	29.76 2.17 0.00	29.64 2.10 0.00	28.42 1.93 0.00	25.25 1.56 0.00	25.89 1.16 0.00
PEEKSKILL____ 23653	17.81 0.77 0.00	16.00 0.66 0.00	13.70 0.49 0.00	13.88 0.55 0.00	14.13 0.58 0.00	18.23 0.77 0.00	26.95 1.14 0.00	28.84 1.49 -0.53	26.42 1.52 0.00	22.12 1.34 0.00	20.70 1.28 0.00	18.98 1.20 0.00	16.41 1.08 0.00	17.90 1.17 0.00	18.23 1.25 0.00	21.16 1.44 -2.25	26.12 1.70 -4.54	33.68 1.94 -7.88	53.53 1.79 -26.73	29.42 1.83 0.00	29.29 1.75 0.00	28.12 1.62 0.00	25.00 1.31 0.00	25.66 0.93 0.00
PGE MADISON__WINDPWR 24146	18.30 1.18 -0.09	16.38 1.00 -0.04	14.12 0.88 -0.03	14.29 0.92 -0.04	14.55 0.94 -0.06	18.88 1.37 -0.05	28.35 2.25 -0.28	29.49 2.44 -0.23	27.11 2.21 0.00	22.46 1.63 -0.06	20.60 1.18 0.00	18.77 1.00 0.00	16.18 0.84 0.00	17.64 0.90 0.00	17.86 0.87 0.00	19.12 0.95 -0.70	22.62 1.32 -1.42	28.29 1.92 -2.52	35.83 2.23 -8.58	30.10 2.51 0.00	29.94 2.36 -0.04	28.89 2.27 -0.13	26.11 1.99 -0.43	26.87 1.90 -0.24
PIERCEFIELD____HYD 23852	16.85 -0.19 0.00	15.22 -0.12 0.00	13.11 -0.10 0.00	13.14 -0.19 0.00	13.25 -0.29 0.00	16.99 -0.47 0.00	25.11 -0.69 0.00	25.88 -0.94 0.00	23.96 -0.93 0.00	19.86 -0.93 0.00	18.52 -0.89 0.00	16.92 -0.86 0.00	14.60 -0.73 0.00	16.00 -0.74 0.00	16.24 -0.75 0.00	16.66 -0.81 0.00	18.98 -0.91 0.00	22.86 -0.99 0.00	24.12 -0.89 0.00	26.79 -0.80 0.00	26.88 -0.66 0.00	26.13 -0.37 0.00	23.21 -0.48 0.00	24.44 -0.29 0.00
PINELAWN_CC_1 323563	18.34 1.31 0.00	16.46 1.12 0.00	14.07 0.85 0.00	14.20 0.86 0.00	14.46 0.92 0.00	18.75 1.29 0.00	27.89 2.08 0.00	29.80 2.45 -0.54	27.30 2.41 0.00	22.81 2.03 0.00	21.35 1.93 0.00	19.58 1.80 0.00	16.91 1.57 0.00	18.50 1.76 0.00	18.80 1.82 0.00	38.18 2.06 -18.65	33.02 2.50 -10.64	35.08 2.86 -8.37	54.76 2.66 -27.08	32.73 2.91 -2.24	37.04 2.81 -6.69	30.14 2.65 -1.00	25.86 2.17 0.00	26.43 1.70 0.00
PJM_GEN_HTP_PROXY 323702	17.88 0.84 0.00	16.08 0.74 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.30 0.84 0.00	27.05 1.24 0.00	28.99 1.63 -0.54	26.64 1.74 0.00	22.36 1.58 0.00	20.93 1.51 0.00	19.19 1.41 0.00	16.60 1.27 0.00	18.10 1.36 0.00	18.43 1.45 0.00	21.40 1.66 -2.28	26.43 1.95 -4.59	34.00 2.16 -7.98	54.03 1.94 -27.07	29.60 2.01 0.00	30.10 1.92 -0.63	28.31 1.82 0.00	25.19 1.50 0.00	25.81 1.08 0.00
PJM_GEN_KEystone 24065	17.16 0.51 0.39	15.57 0.40 0.16	13.37 0.31 0.14	13.43 0.32 0.21	13.53 0.30 0.32	17.64 0.46 0.28	25.08 0.74 1.47	27.67 0.83 -0.03	25.70 0.86 0.05	21.33 0.78 0.23	19.99 0.57 0.00	18.32 0.54 0.00	15.73 0.40 0.00	17.17 0.43 0.00	17.39 0.40 0.00	19.20 0.49 -1.24	22.98 0.65 -2.45	29.00 0.70 -4.45	41.04 0.56 -15.46	28.13 0.54 0.00	28.56 0.60 -0.43	26.55 0.71 0.65	22.36 0.86 2.19	24.23 0.73 1.24
PJM_GEN_NEPTUNE_PROXY 323594	18.10 1.06 0.00	16.25 0.91 0.00	13.89 0.68 0.00	14.03 0.70 0.00	14.29 0.74 0.00	18.50 1.04 0.00	27.44 1.63 0.00	29.32 1.97 -0.54	26.87 1.98 0.00	22.48 1.70 0.00	21.07 1.65 0.00	19.33 1.55 0.00	16.69 1.36 0.00	18.25 1.50 0.00	18.55 1.56 0.00	37.90 1.78 -18.65	32.65 2.13 -10.64	34.65 2.43 -8.37	54.30 2.21 -27.08	32.21 2.39 -2.24	37.16 2.29 -7.33	29.65 2.16 -1.00	25.44 1.75 0.00	26.07 1.34 0.00
PJM_GEN_VFT_PROXY 323633	17.80 0.76 0.00	16.00 0.66 0.00	13.71 0.50 0.00	13.87 0.54 0.00	14.11 0.57 0.00	18.21 0.75 0.00	26.86 1.05 0.00	28.79 1.44 -0.54	25.92 1.56 0.53	22.24 1.45 0.00	20.82 1.40 0.00	19.08 1.30 0.00	16.52 1.19 0.00	18.01 1.27 0.00	18.33 1.35 0.00	21.30 1.55 -2.28	26.29 1.81 -4.59	33.84 2.00 -7.98	53.86 1.77 -27.07	29.42 1.83 0.00	29.91 1.73 -0.63	28.13 1.64 0.00	25.03 1.34 0.00	25.69 0.96 0.00
PLATSBRG_115KV_PMLD1 355749	17.20 0.16 0.00	15.56 0.22 0.00	13.35 0.14 0.00	13.38 0.05 0.00	13.56 0.02 0.00	17.42 -0.04 0.00	25.68 -0.13 0.00	26.23 -0.59 0.00	24.53 -0.36 0.00	20.46 -0.32 0.00	18.99 -0.43 0.00	17.28 -0.50 0.00	15.00 -0.34 0.00	16.52 -0.22 0.00	16.86 -0.13 0.00	17.43 -0.04 0.00	19.85 -0.04 0.00	23.77 -0.08 0.00	25.39 0.37 0.00	28.05 0.46 0.00	27.95 0.41 0.00	27.01 0.52 0.00	23.85 0.16 0.00	25.05 0.32 0.00

PLEASANTVLY___LBMP 24000	17.75 0.71 0.00	15.96 0.63 0.00	13.69 0.47 0.00	13.85 0.51 0.00	14.09 0.55 0.00	18.18 0.72 0.00	26.85 1.04 0.00	28.77 1.39 -0.56	26.28 1.39 0.00	21.98 1.20 0.00	20.54 1.13 0.00	18.82 1.05 0.00	16.27 0.94 0.00	17.75 1.01 0.00	18.08 1.10 0.00	21.11 1.26 -2.37	26.19 1.51 -4.79	33.93 1.76 -8.32	54.89 1.65 -28.22	29.27 1.68 0.00	29.17 1.63 0.00	27.99 1.50 0.00	24.88 1.18 0.00	25.51 0.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	17.87 0.83 0.00	16.06 0.72 0.00	13.76 0.55 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.29 0.83 0.00	27.04 1.23 0.00	28.97 1.61 -0.54	26.54 1.64 0.00	22.22 1.44 0.00	20.79 1.37 0.00	19.07 1.30 0.00	16.47 1.14 0.00	17.97 1.23 0.00	18.30 1.32 0.00	21.27 1.51 -2.29	26.30 1.79 -4.63	33.95 2.06 -8.04	54.19 1.90 -27.28	29.54 1.95 0.00	29.44 1.90 0.00	28.25 1.75 0.00	25.10 1.41 0.00	25.74 1.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	17.87 0.83 0.00	16.06 0.72 0.00	13.76 0.55 0.00	13.93 0.60 0.00	14.17 0.63 0.00	18.29 0.83 0.00	27.04 1.23 0.00	28.97 1.61 -0.54	26.54 1.64 0.00	22.22 1.44 0.00	20.79 1.37 0.00	19.07 1.30 0.00	16.47 1.14 0.00	17.97 1.23 0.00	18.30 1.32 0.00	21.27 1.51 -2.29	26.30 1.79 -4.63	33.95 2.06 -8.04	54.19 1.90 -27.28	29.54 1.95 0.00	29.44 1.90 0.00	28.25 1.75 0.00	25.10 1.41 0.00	25.74 1.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	17.88 0.84 0.00	16.08 0.74 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.32 0.86 0.00	27.07 1.27 0.00	29.01 1.64 -0.55	26.48 1.59 0.00	22.13 1.35 0.00	20.67 1.25 0.00	18.93 1.15 0.00	16.36 1.02 0.00	17.83 1.10 0.00	18.17 1.18 0.00	21.17 1.37 -2.34	26.26 1.66 -4.71	34.01 1.97 -8.19	54.68 1.91 -27.76	29.57 1.98 0.00	29.47 1.93 0.00	28.24 1.75 0.00	25.09 1.40 0.00	25.73 1.00 0.00
POLETTI____ 23519	17.86 0.82 0.00	16.07 0.73 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.29 0.83 0.00	27.01 1.21 0.00	28.96 1.60 -0.54	26.60 1.71 0.00	22.34 1.56 0.00	20.91 1.49 0.00	19.17 1.40 0.00	16.60 1.27 0.00	18.09 1.35 0.00	18.42 1.44 0.00	21.39 1.64 -2.28	26.40 1.92 -4.59	33.96 2.13 -7.98	53.99 1.90 -27.07	29.56 1.97 0.00	29.42 1.88 0.00	28.28 1.79 0.00	25.16 1.47 0.00	25.78 1.06 0.00
POMONA___ESR 323819	17.82 0.78 0.00	16.00 0.67 0.00	13.71 0.49 0.00	13.89 0.56 0.00	14.14 0.59 0.00	18.24 0.78 0.00	26.96 1.15 0.00	28.83 1.49 -0.52	26.42 1.53 0.00	22.13 1.35 0.00	20.71 1.29 0.00	18.98 1.21 0.00	16.42 1.09 0.00	17.92 1.18 0.00	18.24 1.26 0.00	21.12 1.46 -2.19	26.04 1.73 -4.43	33.52 1.97 -7.69	52.90 1.81 -26.08	29.42 1.83 0.00	29.29 1.75 0.00	28.11 1.61 0.00	25.00 1.30 0.00	25.69 0.96 0.00
PORT_JEFF_3 23555	18.48 1.44 0.00	16.58 1.24 0.00	14.17 0.95 0.00	14.30 0.96 0.00	14.56 1.02 0.00	18.88 1.42 0.00	28.13 2.32 0.00	30.05 2.70 -0.54	27.55 2.65 0.00	23.01 2.23 0.00	21.52 2.11 0.00	19.75 1.97 0.00	17.04 1.71 0.00	18.66 1.92 0.00	18.94 1.96 0.00	38.36 2.23 -18.65	33.14 2.61 -10.64	35.24 3.02 -8.37	54.89 2.80 -27.08	32.93 3.10 -2.24	37.26 3.03 -6.69	30.40 2.91 -1.00	26.09 2.39 0.00	26.59 1.87 0.00
PORT_JEFF_4 23616	18.48 1.44 0.00	16.58 1.24 0.00	14.17 0.95 0.00	14.30 0.96 0.00	14.56 1.02 0.00	18.88 1.42 0.00	28.13 2.32 0.00	30.05 2.70 -0.54	27.55 2.65 0.00	23.01 2.23 0.00	21.52 2.11 0.00	19.75 1.97 0.00	17.04 1.71 0.00	18.66 1.92 0.00	18.94 1.96 0.00	38.36 2.23 -18.65	33.14 2.61 -10.64	35.24 3.02 -8.37	54.89 2.80 -27.08	32.93 3.10 -2.24	37.26 3.03 -6.69	30.40 2.91 -1.00	26.09 2.39 0.00	26.59 1.87 0.00
PORT_JEFF_IC 23713	18.49 1.46 0.00	16.60 1.26 0.00	14.18 0.97 0.00	14.30 0.98 0.00	14.57 1.03 0.00	18.89 1.44 0.00	28.17 2.36 0.00	30.09 2.74 -0.54	27.58 2.69 0.00	23.04 2.26 0.00	21.55 2.13 0.00	19.77 2.00 0.00	17.06 1.73 0.00	18.68 1.94 0.00	18.97 1.99 0.00	38.38 2.26 -18.65	33.10 2.57 -10.64	35.20 2.97 -8.37	54.85 2.76 -27.08	32.88 3.05 -2.24	37.27 3.03 -6.69	30.46 2.97 -1.00	26.13 2.43 0.00	26.63 1.90 0.00
PPL PILGRIM_ST_GT1 24216	18.50 1.46 0.00	16.60 1.26 0.00	14.18 0.97 0.00	14.31 0.98 0.00	14.58 1.03 0.00	18.90 1.44 0.00	28.14 2.33 0.00	30.06 2.70 -0.54	27.56 2.67 0.00	23.02 2.24 0.00	21.54 2.12 0.00	19.76 1.98 0.00	17.06 1.73 0.00	18.67 1.93 0.00	18.97 1.98 0.00	38.38 2.25 -18.65	33.23 2.70 -10.64	35.24 3.02 -8.37	54.88 2.78 -27.08	32.93 3.10 -2.24	37.30 3.06 -6.69	30.40 2.91 -1.00	26.07 2.38 0.00	26.64 1.91 0.00
PPL PILGRIM_ST_GT2 24217	18.50 1.46 0.00	16.60 1.26 0.00	14.18 0.97 0.00	14.31 0.98 0.00	14.58 1.03 0.00	18.90 1.44 0.00	28.14 2.33 0.00	30.06 2.70 -0.54	27.56 2.67 0.00	23.02 2.24 0.00	21.54 2.12 0.00	19.76 1.98 0.00	17.06 1.73 0.00	18.67 1.93 0.00	18.97 1.98 0.00	38.38 2.25 -18.65	33.23 2.70 -10.64	35.24 3.02 -8.37	54.88 2.78 -27.08	32.93 3.10 -2.24	37.30 3.06 -6.69	30.40 2.91 -1.00	26.07 2.38 0.00	26.64 1.91 0.00
PPL_SHRM_GT3 24213	18.59 1.56 0.00	16.68 1.35 0.00	14.25 1.04 0.00	14.38 1.05 0.00	14.65 1.11 0.00	18.99 1.54 0.00	28.40 2.59 0.00	30.34 2.99 -0.54	27.79 2.90 0.00	23.21 2.43 0.00	21.69 2.27 0.00	19.86 2.08 0.00	17.03 1.70 0.00	18.80 2.06 0.00	19.08 2.09 0.00	38.50 2.38 -18.65	33.35 2.83 -10.64	35.53 3.31 -8.37	55.22 3.13 -27.08	33.30 3.47 -2.24	37.59 3.35 -6.69	30.72 3.24 -1.00	26.36 2.67 0.00	26.76 2.03 0.00
PPL_SHRM_GT4 24214	18.59 1.56 0.00	16.68 1.35 0.00	14.25 1.04 0.00	14.38 1.05 0.00	14.65 1.11 0.00	18.99 1.54 0.00	28.40 2.59 0.00	30.34 2.99 -0.54	27.79 2.90 0.00	23.21 2.43 0.00	21.69 2.27 0.00	19.86 2.08 0.00	17.03 1.70 0.00	18.80 2.06 0.00	19.08 2.09 0.00	38.50 2.38 -18.65	33.35 2.83 -10.64	35.53 3.31 -8.37	55.22 3.13 -27.08	33.30 3.47 -2.24	37.59 3.35 -6.69	30.72 3.24 -1.00	26.36 2.67 0.00	26.76 2.03 0.00
PROJECT___ORANGE 1 24174	17.06 0.02 0.00	15.33 -0.01 0.00	13.20 -0.01 0.00	13.32 -0.01 0.00	13.52 -0.02 0.00	17.50 0.04 0.00	25.93 0.13 0.00	26.98 0.11 -0.05	24.96 0.07 0.00	20.82 0.04 0.00	19.37 -0.04 0.00	17.76 -0.02 0.00	15.28 -0.06 0.00	16.65 -0.09 0.00	16.83 -0.16 0.00	17.54 -0.15 -0.22	20.24 -0.11 -0.47	24.59 -0.12 -0.86	27.87 -0.13 -2.99	27.45 -0.14 0.00	27.41 -0.13 0.00	26.37 -0.12 0.00	23.78 0.09 0.00	24.89 0.17 0.00
PROJECT___ORANGE 2 24166	17.06 0.02 0.00	15.33 -0.01 0.00	13.20 -0.01 0.00	13.32 -0.01 0.00	13.52 -0.02 0.00	17.50 0.04 0.00	25.93 0.13 0.00	26.98 0.11 -0.05	24.96 0.07 0.00	20.82 0.04 0.00	19.37 -0.04 0.00	17.76 -0.02 0.00	15.28 -0.06 0.00	16.65 -0.09 0.00	16.83 -0.16 0.00	17.54 -0.15 -0.22	20.24 -0.11 -0.47	24.59 -0.12 -0.86	27.87 -0.13 -2.99	27.45 -0.14 0.00	27.41 -0.13 0.00	26.37 -0.12 0.00	23.78 0.09 0.00	24.89 0.17 0.00

PUCKETT___SOLAR 323809	17.65 0.50 -0.11	15.80 0.41 -0.05	13.63 0.39 -0.04	13.77 0.38 -0.05	13.99 0.36 -0.08	18.08 0.56 -0.07	27.14 0.99 -0.34	28.12 1.12 -0.18	25.89 1.00 0.00	21.52 0.73 0.00	19.88 0.46 0.00	18.19 0.41 0.00	15.65 0.32 0.00	17.07 0.33 0.00	17.31 0.33 0.00	18.59 0.37 -0.74	21.98 0.58 -1.51	27.30 0.79 -2.65	34.83 0.91 -8.90	28.59 1.00 0.00	28.61 1.02 -0.05	27.65 0.99 -0.17	25.20 0.93 -0.57	25.88 0.83 -0.32
PYRITES___HYD 24023	17.09 0.05 0.00	15.42 0.08 0.00	13.29 0.08 0.00	13.34 0.00 0.00	13.48 -0.06 0.00	17.31 -0.15 0.00	25.58 -0.22 0.00	26.36 -0.46 0.00	24.35 -0.54 0.00	20.16 -0.63 0.00	18.82 -0.60 0.00	17.19 -0.59 0.00	14.84 -0.49 0.00	16.28 -0.46 0.00	16.51 -0.47 0.00	16.95 -0.52 0.00	19.28 -0.61 0.00	23.23 -0.62 0.00	24.56 -0.45 0.00	27.33 -0.26 0.00	27.38 -0.16 0.00	26.52 0.02 0.00	23.55 -0.14 0.00	24.82 0.10 0.00
QUAKERRD_115KV_BK1 80622	16.82 -0.22 0.00	15.08 -0.25 0.00	12.97 -0.24 0.00	13.07 -0.26 0.00	13.25 -0.29 0.00	17.19 -0.26 0.00	25.53 -0.28 0.00	26.51 -0.37 -0.06	24.52 -0.38 0.00	20.48 -0.30 0.00	18.98 -0.44 0.00	17.40 -0.38 0.00	14.90 -0.43 0.00	16.23 -0.51 0.00	16.37 -0.62 0.00	17.12 -0.61 -0.26	19.65 -0.77 -0.54	23.87 -0.96 -0.97	27.52 -1.00 -3.51	26.55 -1.04 0.00	26.50 -1.04 0.00	25.57 -0.93 0.00	23.31 -0.38 0.00	24.41 -0.32 0.00
QUENSBRY_115KV_TB8 356137	18.17 1.13 0.00	16.40 1.06 0.00	14.08 0.87 0.00	14.18 0.85 0.00	14.47 0.93 0.00	18.81 1.35 0.00	27.93 2.13 0.00	30.04 2.55 -0.67	27.09 2.20 0.00	22.42 1.64 0.00	20.79 1.38 0.00	18.95 1.18 0.00	16.33 1.00 0.00	17.68 0.94 0.00	18.01 1.03 0.00	21.49 1.18 -2.84	26.94 1.33 -5.72	35.58 1.78 -9.95	60.57 1.81 -33.74	29.33 1.75 0.00	29.34 1.80 0.00	28.10 1.61 0.00	25.35 1.66 0.00	26.32 1.59 0.00
RAMAPO___LBMP 323565	17.76 0.72 0.00	15.96 0.62 0.00	13.66 0.45 0.00	13.85 0.52 0.00	14.10 0.55 0.00	18.19 0.73 0.00	26.88 1.08 0.00	28.73 1.40 -0.52	26.32 1.43 0.00	22.05 1.26 0.00	20.62 1.21 0.00	18.91 1.14 0.00	16.35 1.02 0.00	17.84 1.10 0.00	18.17 1.18 0.00	21.03 1.37 -2.19	25.92 1.61 -4.41	33.37 1.85 -7.67	52.72 1.69 -26.02	29.29 1.70 0.00	29.17 1.63 0.00	28.00 1.50 0.00	24.90 1.20 0.00	25.59 0.87 0.00
RANKINE____ 23646	17.51 0.47 0.00	15.66 0.32 0.00	13.48 0.27 0.00	13.56 0.23 0.00	13.71 0.17 0.00	17.85 0.39 0.00	26.52 0.71 0.00	27.40 0.52 -0.07	25.41 0.52 0.00	21.27 0.48 0.00	19.58 0.16 0.00	17.96 0.19 0.00	15.30 -0.04 0.00	16.68 -0.05 0.00	16.78 -0.21 0.00	17.56 -0.15 -0.25	20.00 -0.27 -0.39	24.63 -0.34 -1.12	29.20 -0.36 -4.54	27.31 -0.28 0.00	27.37 -0.17 0.00	26.57 0.08 0.00	24.55 0.86 0.00	25.72 0.99 0.00
RAVENSWOOD_GT2_1 24244	17.89 0.85 0.00	16.08 0.75 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	29.01 1.66 -0.54	26.63 1.74 0.00	22.35 1.56 0.00	20.91 1.50 0.00	19.17 1.40 0.00	16.60 1.26 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.64 -2.28	26.41 1.93 -4.59	33.99 2.15 -7.98	54.02 1.94 -27.07	29.61 2.01 0.00	29.47 1.93 0.00	28.32 1.82 0.00	25.19 1.50 0.00	25.82 1.10 0.00
RAVENSWOOD_GT2_2 24245	17.89 0.85 0.00	16.08 0.75 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	29.01 1.66 -0.54	26.63 1.74 0.00	22.35 1.56 0.00	20.91 1.50 0.00	19.17 1.40 0.00	16.60 1.26 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.64 -2.28	26.41 1.93 -4.59	33.99 2.15 -7.98	54.02 1.94 -27.07	29.61 2.01 0.00	29.47 1.93 0.00	28.32 1.82 0.00	25.19 1.50 0.00	25.82 1.10 0.00
RAVENSWOOD_GT2_3 24246	17.89 0.85 0.00	16.09 0.75 0.00	13.79 0.58 0.00	13.95 0.62 0.00	14.19 0.65 0.00	18.31 0.86 0.00	27.07 1.27 0.00	29.01 1.66 -0.54	26.64 1.75 0.00	22.36 1.58 0.00	20.92 1.51 0.00	19.19 1.41 0.00	16.61 1.27 0.00	18.10 1.36 0.00	18.43 1.45 0.00	21.40 1.65 -2.28	26.42 1.94 -4.59	34.00 2.16 -7.98	54.04 1.95 -27.07	29.62 2.03 0.00	29.49 1.95 0.00	28.33 1.84 0.00	25.20 1.51 0.00	25.84 1.11 0.00
RAVENSWOOD_GT2_4 24247	17.89 0.85 0.00	16.09 0.75 0.00	13.79 0.58 0.00	13.95 0.62 0.00	14.19 0.65 0.00	18.31 0.86 0.00	27.07 1.27 0.00	29.01 1.66 -0.54	26.64 1.75 0.00	22.36 1.58 0.00	20.92 1.51 0.00	19.19 1.41 0.00	16.61 1.27 0.00	18.10 1.36 0.00	18.43 1.45 0.00	21.40 1.65 -2.28	26.42 1.94 -4.59	34.00 2.16 -7.98	54.04 1.95 -27.07	29.62 2.03 0.00	29.49 1.95 0.00	28.33 1.84 0.00	25.20 1.51 0.00	25.84 1.11 0.00
RAVENSWOOD_GT3_1 24248	17.89 0.85 0.00	16.08 0.75 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	29.00 1.65 -0.54	26.63 1.74 0.00	22.35 1.56 0.00	20.91 1.50 0.00	19.17 1.40 0.00	16.60 1.26 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.64 -2.28	26.41 1.93 -4.59	33.99 2.15 -7.98	54.02 1.93 -27.07	29.60 2.01 0.00	29.47 1.93 0.00	28.32 1.82 0.00	25.19 1.50 0.00	25.82 1.10 0.00
RAVENSWOOD_GT3_2 24249	17.89 0.85 0.00	16.08 0.75 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	29.00 1.65 -0.54	26.63 1.74 0.00	22.35 1.56 0.00	20.91 1.50 0.00	19.17 1.40 0.00	16.60 1.26 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.64 -2.28	26.41 1.93 -4.59	33.99 2.15 -7.98	54.02 1.93 -27.07	29.60 2.01 0.00	29.47 1.93 0.00	28.32 1.82 0.00	25.19 1.50 0.00	25.82 1.10 0.00
RAVENSWOOD_GT3_3 24250	17.91 0.87 0.00	16.11 0.77 0.00	13.80 0.59 0.00	13.96 0.63 0.00	14.21 0.66 0.00	18.33 0.87 0.00	27.10 1.29 0.00	29.04 1.69 -0.54	26.67 1.78 0.00	22.39 1.60 0.00	20.95 1.53 0.00	19.21 1.44 0.00	16.63 1.29 0.00	18.13 1.39 0.00	18.46 1.48 0.00	21.42 1.68 -2.28	26.45 1.97 -4.59	34.03 2.20 -7.98	54.07 1.99 -27.07	29.66 2.07 0.00	29.52 1.98 0.00	28.37 1.87 0.00	25.23 1.54 0.00	25.86 1.14 0.00
RAVENSWOOD_GT3_4 24251	17.91 0.87 0.00	16.11 0.77 0.00	13.80 0.59 0.00	13.96 0.63 0.00	14.21 0.66 0.00	18.33 0.87 0.00	27.10 1.29 0.00	29.04 1.69 -0.54	26.67 1.78 0.00	22.39 1.60 0.00	20.95 1.53 0.00	19.21 1.44 0.00	16.63 1.29 0.00	18.13 1.39 0.00	18.46 1.48 0.00	21.42 1.68 -2.28	26.45 1.97 -4.59	34.03 2.20 -7.98	54.07 1.99 -27.07	29.66 2.07 0.00	29.52 1.98 0.00	28.37 1.87 0.00	25.23 1.54 0.00	25.86 1.14 0.00
RAVENSWOOD_GT_1 23729	17.95 0.91 0.00	16.15 0.81 0.00	13.84 0.62 0.00	13.99 0.66 0.00	14.24 0.69 0.00	18.37 0.92 0.00	27.17 1.36 0.00	29.15 1.79 -0.54	26.77 1.87 -0.01	22.48 1.68 -0.01	24.75 1.60 -3.73	87.24 1.50 -67.96	22.93 1.34 -6.25	26.95 1.45 -8.77	68.56 1.54 -50.04	53.79 1.74 -34.59	36.85 2.04 -14.92	35.73 2.27 -9.61	54.14 2.05 -27.07	29.74 2.15 0.00	29.61 2.07 0.00	28.45 1.96 0.00	25.32 1.62 0.00	25.94 1.21 0.00



RAVENSWOOD_GT_10 24258	17.89 0.85 0.00	16.08 0.74 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	28.99 1.64 -0.54	26.63 1.73 0.00	22.35 1.56 0.00	20.61 1.49 0.29	13.82 1.40 5.35	16.11 1.26 0.49	17.40 1.35 0.69	14.49 1.44 3.94	18.84 1.64 0.27	25.59 1.93 -3.78	33.85 2.15 -7.86	54.02 1.93 -27.07	29.60 2.01 0.00	29.47 1.93 0.00	28.32 1.82 0.00	25.19 1.49 0.00	25.82 1.09 0.00
RAVENSWOOD_GT_11 24259	17.89 0.85 0.00	16.08 0.74 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	28.99 1.64 -0.54	26.63 1.73 0.00	22.35 1.56 0.00	20.61 1.49 0.29	13.83 1.40 5.35	16.10 1.26 0.49	17.41 1.35 0.69	14.48 1.44 3.94	18.84 1.64 0.27	25.60 1.93 -3.78	33.86 2.15 -7.86	54.03 1.94 -27.07	29.61 2.02 0.00	29.47 1.93 0.00	28.31 1.81 0.00	25.19 1.49 0.00	25.82 1.09 0.00
RAVENSWOOD_GT_4 24252	17.88 0.85 0.00	16.08 0.74 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.30 0.85 0.00	27.06 1.25 0.00	28.99 1.63 -0.54	26.61 1.72 0.00	22.34 1.56 0.00	18.96 1.48 1.94	-16.14 1.39 35.30	13.34 1.26 3.25	13.53 1.35 4.55	-7.57 1.44 25.99	4.59 1.63 14.51	21.03 1.92 0.77	33.13 2.14 -7.14	54.02 1.93 -27.07	29.60 2.01 0.00	29.46 1.92 0.00	28.31 1.81 0.00	25.18 1.49 0.00	25.81 1.09 0.00
RAVENSWOOD_GT_5 24254	17.88 0.85 0.00	16.08 0.74 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.30 0.85 0.00	27.06 1.25 0.00	28.99 1.63 -0.54	26.61 1.72 0.00	22.34 1.56 0.00	18.96 1.48 1.94	-16.14 1.39 35.30	13.34 1.26 3.25	13.53 1.35 4.55	-7.57 1.44 25.99	4.59 1.63 14.51	21.03 1.92 0.77	33.13 2.14 -7.14	54.02 1.93 -27.07	29.60 2.01 0.00	29.46 1.92 0.00	28.31 1.81 0.00	25.18 1.49 0.00	25.81 1.09 0.00
RAVENSWOOD_GT_6 24253	17.88 0.85 0.00	16.08 0.74 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.30 0.85 0.00	27.06 1.25 0.00	28.99 1.63 -0.54	26.61 1.72 0.00	22.34 1.56 0.00	18.96 1.48 1.94	-16.14 1.39 35.30	13.34 1.26 3.25	13.53 1.35 4.55	-7.57 1.44 25.99	4.59 1.63 14.51	21.03 1.92 0.77	33.13 2.14 -7.14	54.02 1.93 -27.07	29.60 2.01 0.00	29.46 1.92 0.00	28.31 1.81 0.00	25.18 1.49 0.00	25.81 1.09 0.00
RAVENSWOOD_GT_7 24255	17.88 0.85 0.00	16.08 0.74 0.00	13.78 0.56 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.30 0.85 0.00	27.06 1.25 0.00	28.99 1.63 -0.54	26.61 1.72 0.00	22.34 1.56 0.00	18.96 1.48 1.94	-16.14 1.39 35.30	13.34 1.26 3.25	13.53 1.35 4.55	-7.57 1.44 25.99	4.59 1.63 14.51	21.03 1.92 0.77	33.13 2.14 -7.14	54.02 1.93 -27.07	29.60 2.01 0.00	29.46 1.92 0.00	28.31 1.81 0.00	25.18 1.49 0.00	25.81 1.09 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	17.89 0.85 0.00	16.08 0.74 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	28.99 1.64 -0.54	26.63 1.73 0.00	22.35 1.56 0.00	20.61 1.49 0.29	13.82 1.40 5.35	16.11 1.26 0.49	17.40 1.35 0.69	14.49 1.44 3.94	18.84 1.64 0.27	25.59 1.93 -3.78	33.85 2.15 -7.86	54.02 1.93 -27.07	29.60 2.01 0.00	29.47 1.93 0.00	28.32 1.82 0.00	25.19 1.49 0.00	25.82 1.09 0.00
RAVENSWOOD_GT_9 24257	17.89 0.85 0.00	16.08 0.74 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.25 0.00	28.99 1.64 -0.54	26.63 1.73 0.00	22.35 1.56 0.00	20.61 1.49 0.29	13.82 1.40 5.35	16.11 1.26 0.49	17.40 1.35 0.69	14.49 1.44 3.94	18.84 1.64 0.27	25.59 1.93 -3.78	33.85 2.15 -7.86	54.02 1.93 -27.07	29.60 2.01 0.00	29.47 1.93 0.00	28.32 1.82 0.00	25.19 1.49 0.00	25.82 1.09 0.00
RAVENSWOOD___1 23533	17.91 0.87 0.00	16.11 0.77 0.00	13.80 0.59 0.00	13.97 0.64 0.00	14.21 0.66 0.00	18.33 0.87 0.00	27.10 1.30 0.00	29.08 1.72 -0.54	26.70 1.81 -0.01	22.41 1.63 -0.01	23.47 1.55 -2.51	64.89 1.45 -45.66	20.84 1.30 -4.20	24.03 1.40 -5.89	52.09 1.49 -33.62	43.15 1.70 -23.98	33.41 2.00 -11.53	35.15 2.22 -9.07	54.09 2.00 -27.07	29.68 2.09 0.00	29.55 2.01 0.00	28.39 1.89 0.00	25.25 1.56 0.00	25.88 1.15 0.00
RAVENSWOOD___2 23534	17.91 0.87 0.00	16.11 0.77 0.00	13.80 0.59 0.00	13.97 0.64 0.00	14.21 0.66 0.00	18.33 0.87 0.00	27.10 1.30 0.00	29.08 1.72 -0.54	26.70 1.81 -0.01	22.41 1.63 -0.01	23.47 1.55 -2.51	64.89 1.45 -45.66	20.84 1.30 -4.20	24.03 1.40 -5.89	52.09 1.49 -33.62	43.15 1.70 -23.98	33.41 2.00 -11.53	35.15 2.22 -9.07	54.09 2.00 -27.07	29.68 2.09 0.00	29.55 2.01 0.00	28.39 1.89 0.00	25.25 1.56 0.00	25.88 1.15 0.00
RAVENSWOOD___3 23535	17.89 0.85 0.00	16.08 0.74 0.00	13.78 0.57 0.00	13.94 0.61 0.00	14.19 0.64 0.00	18.31 0.85 0.00	27.06 1.26 0.00	29.01 1.65 -0.54	26.64 1.74 0.00	22.35 1.57 0.00	20.91 1.50 0.00	19.18 1.40 0.00	16.59 1.26 0.00	18.09 1.36 0.00	18.43 1.44 0.00	21.39 1.64 -2.28	26.41 1.93 -4.59	33.99 2.15 -7.98	54.03 1.94 -27.07	29.61 2.02 0.00	29.48 1.93 0.00	28.31 1.82 0.00	25.19 1.50 0.00	25.82 1.09 0.00
RAVENSWOOD___4 23820	17.91 0.87 0.00	16.11 0.77 0.00	13.80 0.59 0.00	13.97 0.64 0.00	14.21 0.66 0.00	18.33 0.87 0.00	27.10 1.30 0.00	29.08 1.72 -0.54	26.70 1.81 -0.01	22.41 1.63 -0.01	23.47 1.55 -2.51	64.89 1.45 -45.66	20.84 1.30 -4.20	24.03 1.40 -5.89	52.09 1.49 -33.62	43.15 1.70 -23.98	33.41 2.00 -11.53	35.15 2.22 -9.07	54.09 2.00 -27.07	29.68 2.09 0.00	29.55 2.01 0.00	28.39 1.89 0.00	25.25 1.56 0.00	25.88 1.15 0.00
RCPL_TRUST___DRP 24196	17.91 0.87 0.00	16.10 0.76 0.00	13.79 0.58 0.00	13.96 0.62 0.00	14.20 0.66 0.00	18.32 0.87 0.00	27.09 1.29 0.00	29.04 1.68 -0.54	26.68 1.79 0.00	22.40 1.62 0.00	20.96 1.55 0.00	19.22 1.45 0.00	16.64 1.30 0.00	18.13 1.39 0.00	18.47 1.48 0.00	21.43 1.69 -2.28	26.46 1.99 -4.59	34.04 2.20 -7.98	54.07 1.98 -27.07	29.64 2.05 0.00	29.50 1.96 0.00	28.36 1.86 0.00	25.23 1.53 0.00	25.85 1.12 0.00
RED___ROCHESTER 323720	17.18 0.33 0.19	15.48 0.22 0.08	13.31 0.16 0.06	13.37 0.14 0.09	13.50 0.10 0.14	17.60 0.26 0.12	25.79 0.56 0.58	27.36 0.49 -0.06	25.32 0.43 0.00	21.14 0.36 0.00	19.58 0.16 0.00	17.96 0.19 0.00	15.38 0.05 0.00	16.75 0.01 0.00	16.88 -0.10 0.00	17.65 -0.08 -0.26	20.25 -0.17 -0.54	24.58 -0.27 -0.99	28.33 -0.27 -3.59	27.38 -0.21 0.00	27.26 -0.20 0.08	26.16 -0.08 0.26	23.26 0.45 0.88	24.72 0.49 0.50
REGAN___SOLAR 323812	18.68 1.65 0.00	16.79 1.45 0.00	14.40 1.19 0.00	14.53 1.20 0.00	14.79 1.25 0.00	19.20 1.74 0.00	28.55 2.75 0.00	30.11 2.62 -0.68	26.31 1.42 0.00	22.07 1.28 0.00	20.47 1.05 0.00	18.69 0.91 0.00	16.16 0.83 0.00	17.58 0.84 0.00	17.77 0.78 0.00	21.28 0.95 -2.86	26.68 1.03 -5.76	35.85 1.99 -10.01	61.62 2.64 -33.97	30.55 2.96 0.00	30.44 2.90 0.00	29.31 2.81 0.00	26.11 2.42 0.00	27.47 2.74 0.00

RENSSELAER___COGEN 23796	17.28 0.24 0.00	15.58 0.24 0.00	13.43 0.22 0.00	13.56 0.23 0.00	13.81 0.26 0.00	17.72 0.26 0.00	26.13 0.33 0.00	28.07 0.60 -0.66	25.40 0.51 0.00	21.16 0.38 0.00	19.74 0.33 0.00	18.08 0.31 0.00	15.64 0.31 0.00	17.05 0.31 0.00	17.38 0.39 0.00	20.72 0.48 -2.77	26.08 0.63 -5.57	34.37 0.82 -9.69	58.71 0.82 -32.88	28.39 0.80 0.00	28.33 0.79 0.00	27.18 0.68 0.00	24.13 0.44 0.00	24.84 0.11 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.64 1.60 0.00	16.97 1.63 0.00	14.52 1.31 0.00	14.58 1.25 0.00	14.96 1.42 0.00	19.65 2.20 0.00	29.15 3.34 0.00	31.78 4.30 -0.67	28.42 3.53 0.00	23.33 2.55 0.00	21.52 2.10 0.00	19.62 1.84 0.00	16.99 1.66 0.00	18.52 1.78 0.00	18.93 1.95 0.00	22.50 2.19 -2.84	28.17 2.57 -5.72	37.16 3.37 -9.94	62.22 3.48 -33.73	31.07 3.47 0.00	30.80 3.26 0.00	29.40 2.90 0.00	26.22 2.53 0.00	27.22 2.49 0.00
REVERE_CPPR_DRP 24186	17.55 0.51 0.00	15.83 0.49 0.00	13.64 0.43 0.00	13.77 0.44 0.00	13.99 0.44 0.00	18.12 0.66 0.00	26.79 0.99 0.00	27.86 1.02 -0.03	25.70 0.81 0.00	21.33 0.55 0.00	19.83 0.41 0.00	18.18 0.40 0.00	15.65 0.32 0.00	17.04 0.30 0.00	17.27 0.29 0.00	17.89 0.30 -0.12	20.58 0.43 -0.26	24.98 0.66 -0.47	27.50 0.86 -1.63	28.66 1.07 0.00	28.58 1.04 0.00	27.39 0.90 0.00	24.52 0.82 0.00	25.62 0.89 0.00
REYNOLDS_115KV_TB3 80639	17.42 0.39 0.00	15.71 0.37 0.00	13.52 0.30 0.00	13.65 0.32 0.00	13.90 0.36 0.00	17.87 0.41 0.00	26.32 0.51 0.00	28.29 0.81 -0.66	25.60 0.70 0.00	21.32 0.53 0.00	19.88 0.46 0.00	18.20 0.42 0.00	15.75 0.42 0.00	17.17 0.43 0.00	17.49 0.51 0.00	20.84 0.61 -2.77	26.23 0.77 -5.58	34.57 1.01 -9.70	58.94 1.01 -32.91	28.59 1.00 0.00	28.53 0.99 0.00	27.39 0.89 0.00	24.30 0.61 0.00	24.99 0.27 0.00
RIVERBAY____ 323610	17.91 0.87 0.00	16.15 0.81 0.00	13.85 0.64 0.00	14.01 0.68 0.00	14.25 0.71 0.00	18.39 0.94 0.00	27.10 1.29 0.00	29.05 1.69 -0.54	26.63 1.73 -0.01	22.31 1.52 -0.01	20.86 1.44 0.00	19.15 1.38 -0.01	16.58 1.24 0.00	18.07 1.33 -0.01	18.41 1.42 -0.01	21.37 1.63 -2.28	26.39 1.91 -4.59	33.97 2.13 -7.99	54.03 1.94 -27.07	29.60 2.01 0.00	29.50 1.95 0.00	28.31 1.82 0.00	25.18 1.49 0.00	25.91 1.19 0.00
RIVERSDE_115KV_TB3 55908	17.37 0.33 0.00	15.66 0.32 0.00	13.48 0.27 0.00	13.61 0.28 0.00	13.86 0.32 0.00	17.80 0.35 0.00	26.25 0.44 0.00	28.20 0.73 -0.66	25.52 0.63 0.00	21.25 0.47 0.00	19.83 0.41 0.00	18.16 0.38 0.00	15.71 0.38 0.00	17.13 0.39 0.00	17.46 0.47 0.00	20.81 0.56 -2.77	26.20 0.72 -5.59	34.52 0.95 -9.72	58.93 0.94 -32.97	28.53 0.94 0.00	28.46 0.92 0.00	27.31 0.81 0.00	24.24 0.55 0.00	24.93 0.20 0.00
ROARING___BROOK_WT_PWR 323790	16.91 -0.12 0.00	15.35 0.01 0.00	13.23 0.02 0.00	13.36 0.03 0.00	13.57 0.03 0.00	17.51 0.05 0.00	25.84 0.03 0.00	26.72 -0.09 0.00	24.87 -0.03 0.00	20.83 0.05 0.00	19.43 0.02 0.00	17.80 0.03 0.00	15.36 0.03 0.00	16.72 -0.02 0.00	16.95 -0.03 0.00	17.44 -0.03 0.00	19.87 -0.02 0.00	23.92 0.07 0.00	25.09 0.08 0.00	27.66 0.07 0.00	27.62 0.08 0.00	26.58 0.08 0.00	23.76 0.07 0.00	24.72 -0.01 0.00
ROCHESRG_115KV_T4 355643	17.22 0.18 0.00	15.43 0.09 0.00	13.26 0.05 0.00	13.36 0.02 0.00	13.53 -0.02 0.00	17.56 0.10 0.00	26.09 0.28 0.00	27.08 0.20 -0.06	25.06 0.17 0.00	20.93 0.15 0.00	19.38 -0.04 0.00	17.78 0.00 0.00	15.21 -0.12 0.00	16.58 -0.16 0.00	16.70 -0.28 0.00	17.46 -0.27 -0.26	20.02 -0.41 -0.54	24.28 -0.55 -0.99	28.00 -0.58 -3.56	27.03 -0.56 0.00	27.00 -0.54 0.00	26.10 -0.40 0.00	23.88 0.19 0.00	24.98 0.25 0.00
ROCHESTER_9_IC 23652	17.31 0.27 0.00	15.51 0.17 0.00	13.33 0.11 0.00	13.42 0.09 0.00	13.59 0.05 0.00	17.65 0.19 0.00	26.24 0.44 0.00	27.24 0.37 -0.06	25.21 0.32 0.00	21.05 0.27 0.00	19.49 0.07 0.00	17.87 0.10 0.00	15.30 -0.03 0.00	16.68 -0.06 0.00	16.80 -0.18 0.00	17.56 -0.17 -0.26	20.13 -0.29 -0.54	24.44 -0.40 -0.99	28.19 -0.42 -3.59	27.22 -0.37 0.00	27.19 -0.35 0.00	26.27 -0.23 0.00	24.02 0.33 0.00	25.11 0.38 0.00
ROCKVIEW_13_KV_LD 356306	17.93 0.89 0.00	16.11 0.77 0.00	13.79 0.58 0.00	13.96 0.63 0.00	14.20 0.66 0.00	18.33 0.88 0.00	27.12 1.31 0.00	29.04 1.69 -0.54	26.63 1.73 0.00	22.32 1.54 0.00	20.88 1.46 0.00	19.14 1.37 0.00	16.57 1.23 0.00	18.07 1.33 0.00	18.40 1.41 0.00	21.36 1.61 -2.28	26.38 1.90 -4.59	34.00 2.17 -7.98	54.09 2.00 -27.07	29.67 2.08 0.00	29.55 2.01 0.00	28.37 1.87 0.00	25.22 1.53 0.00	25.85 1.12 0.00
ROME____115KV_TB2 80656	17.55 0.51 0.00	15.83 0.49 0.00	13.64 0.43 0.00	13.77 0.44 0.00	13.99 0.44 0.00	18.12 0.66 0.00	26.79 0.99 0.00	27.86 1.02 -0.03	25.70 0.81 0.00	21.33 0.55 0.00	19.83 0.41 0.00	18.18 0.40 0.00	15.65 0.32 0.00	17.04 0.30 0.00	17.27 0.29 0.00	17.89 0.30 -0.12	20.58 0.43 -0.26	24.98 0.66 -0.47	27.50 0.86 -1.63	28.66 1.07 0.00	28.58 1.04 0.00	27.39 0.90 0.00	24.52 0.82 0.00	25.62 0.89 0.00
ROSETON___1 23587	17.74 0.70 0.00	15.95 0.61 0.00	13.68 0.46 0.00	13.84 0.51 0.00	14.08 0.54 0.00	18.17 0.71 0.00	26.84 1.03 0.00	28.72 1.37 -0.54	26.27 1.38 0.00	21.97 1.19 0.00	20.54 1.12 0.00	18.82 1.04 0.00	16.27 0.94 0.00	17.75 1.01 0.00	18.08 1.09 0.00	21.01 1.26 -2.28	25.98 1.51 -4.59	33.57 1.74 -7.98	53.71 1.61 -27.08	29.23 1.64 0.00	29.13 1.59 0.00	27.95 1.46 0.00	24.86 1.16 0.00	25.52 0.80 0.00
ROSETON___2 23588	17.74 0.70 0.00	15.95 0.61 0.00	13.68 0.46 0.00	13.84 0.51 0.00	14.08 0.54 0.00	18.17 0.71 0.00	26.84 1.03 0.00	28.72 1.37 -0.54	26.27 1.38 0.00	21.97 1.19 0.00	20.54 1.12 0.00	18.82 1.04 0.00	16.27 0.94 0.00	17.75 1.01 0.00	18.08 1.09 0.00	21.01 1.26 -2.28	25.98 1.51 -4.59	33.57 1.74 -7.98	53.71 1.61 -27.08	29.23 1.64 0.00	29.13 1.59 0.00	27.95 1.46 0.00	24.86 1.16 0.00	25.52 0.80 0.00
ROTTDAM_115KV_TB3 80664	17.67 0.63 0.00	15.91 0.57 0.00	13.67 0.46 0.00	13.81 0.48 0.00	14.05 0.51 0.00	18.13 0.67 0.00	26.79 0.98 0.00	28.71 1.22 -0.68	25.98 1.09 0.00	21.63 0.85 0.00	20.16 0.74 0.00	18.44 0.66 0.00	15.92 0.59 0.00	17.35 0.61 0.00	17.65 0.67 0.00	21.09 0.76 -2.86	26.57 0.92 -5.76	35.04 1.18 -10.01	60.20 1.21 -33.97	28.86 1.27 0.00	28.82 1.28 0.00	27.65 1.16 0.00	24.66 0.97 0.00	25.52 0.79 0.00
RUSSELL___1 23602	17.37 0.33 0.00	15.56 0.22 0.00	13.37 0.16 0.00	13.46 0.13 0.00	13.64 0.09 0.00	17.71 0.26 0.00	26.36 0.56 0.00	27.37 0.49 -0.06	25.32 0.43 0.00	21.14 0.36 0.00	19.58 0.16 0.00	17.96 0.18 0.00	15.37 0.04 0.00	16.75 0.01 0.00	16.88 -0.10 0.00	17.65 -0.08 -0.26	20.23 -0.19 -0.54	24.57 -0.27 -0.99	28.33 -0.27 -3.59	27.38 -0.21 0.00	27.34 -0.20 0.00	26.41 -0.09 0.00	24.15 0.45 0.00	25.22 0.49 0.00

RUSSELL___2 23532	17.37 0.33 0.00	15.56 0.22 0.00	13.37 0.16 0.00	13.46 0.13 0.00	13.64 0.09 0.00	17.71 0.26 0.00	26.36 0.56 0.00	27.37 0.49 -0.06	25.32 0.43 0.00	21.14 0.36 0.00	19.58 0.16 0.00	17.96 0.18 0.00	15.37 0.04 0.00	16.75 0.01 0.00	16.88 -0.10 0.00	17.65 -0.08 -0.26	20.23 -0.19 -0.54	24.57 -0.27 -0.99	28.33 -0.27 -3.59	27.38 -0.21 0.00	27.34 -0.20 0.00	26.41 -0.09 0.00	24.15 0.45 0.00	25.22 0.49 0.00
RUSSELL___3 23549	17.37 0.33 0.00	15.56 0.22 0.00	13.37 0.16 0.00	13.46 0.13 0.00	13.64 0.09 0.00	17.71 0.26 0.00	26.36 0.56 0.00	27.37 0.49 -0.06	25.32 0.43 0.00	21.14 0.36 0.00	19.58 0.16 0.00	17.96 0.18 0.00	15.37 0.04 0.00	16.75 0.01 0.00	16.88 -0.10 0.00	17.65 -0.08 -0.26	20.23 -0.19 -0.54	24.57 -0.27 -0.99	28.33 -0.27 -3.59	27.38 -0.21 0.00	27.34 -0.20 0.00	26.41 -0.09 0.00	24.15 0.45 0.00	25.22 0.49 0.00
RUSSELL___4 23556	17.37 0.33 0.00	15.56 0.22 0.00	13.37 0.16 0.00	13.46 0.13 0.00	13.64 0.09 0.00	17.71 0.26 0.00	26.36 0.56 0.00	27.37 0.49 -0.06	25.32 0.43 0.00	21.14 0.36 0.00	19.58 0.16 0.00	17.96 0.18 0.00	15.37 0.04 0.00	16.75 0.01 0.00	16.88 -0.10 0.00	17.65 -0.08 -0.26	20.23 -0.19 -0.54	24.57 -0.27 -0.99	28.33 -0.27 -3.59	27.38 -0.21 0.00	27.34 -0.20 0.00	26.41 -0.09 0.00	24.15 0.45 0.00	25.22 0.49 0.00
RUSSELL___STATION 23914	17.37 0.33 0.00	15.56 0.22 0.00	13.37 0.16 0.00	13.46 0.13 0.00	13.64 0.09 0.00	17.71 0.26 0.00	26.36 0.56 0.00	27.37 0.49 -0.06	25.32 0.43 0.00	21.14 0.36 0.00	19.58 0.16 0.00	17.96 0.18 0.00	15.37 0.04 0.00	16.75 0.01 0.00	16.88 -0.10 0.00	17.65 -0.08 -0.26	20.23 -0.19 -0.54	24.57 -0.27 -0.99	28.33 -0.27 -3.59	27.38 -0.21 0.00	27.34 -0.20 0.00	26.41 -0.09 0.00	24.15 0.45 0.00	25.22 0.49 0.00
S SALMON___HYD 24043	17.23 0.19 0.00	15.56 0.22 0.00	13.41 0.20 0.00	13.52 0.19 0.00	13.73 0.19 0.00	17.80 0.34 0.00	26.44 0.63 0.00	27.48 0.62 -0.04	25.33 0.43 0.00	20.99 0.21 0.00	19.47 0.06 0.00	17.83 0.05 0.00	15.33 -0.01 0.00	16.65 -0.09 0.00	16.81 -0.18 0.00	17.47 -0.19 -0.19	20.21 -0.06 -0.39	24.61 0.05 -0.71	27.74 0.22 -2.51	28.04 0.45 0.00	28.00 0.46 0.00	26.91 0.42 0.00	24.18 0.49 0.00	25.27 0.55 0.00
S.PERRY___115KV_TB1 80734	17.77 0.73 0.00	15.94 0.60 0.00	13.72 0.51 0.00	13.83 0.50 0.00	14.02 0.48 0.00	18.26 0.80 0.00	27.29 1.48 0.00	28.31 1.42 -0.08	26.00 1.11 0.00	21.41 0.62 0.00	19.69 0.27 0.00	18.01 0.23 0.00	15.35 0.02 0.00	16.76 0.02 0.00	16.88 -0.10 0.00	17.71 -0.07 -0.30	20.42 -0.05 -0.58	25.15 0.05 -1.24	30.22 0.39 -4.81	28.30 0.71 0.00	28.38 0.84 0.00	27.45 0.95 0.00	25.04 1.35 0.00	26.06 1.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.36 0.32 0.00	15.53 0.19 0.00	13.35 0.14 0.00	13.43 0.09 0.00	13.57 0.03 0.00	17.66 0.20 0.00	26.21 0.40 0.00	27.07 0.19 -0.07	25.09 0.20 0.00	21.02 0.24 0.00	19.37 -0.05 0.00	17.77 -0.01 0.00	15.14 -0.19 0.00	16.49 -0.25 0.00	16.58 -0.41 0.00	17.32 -0.38 -0.24	19.65 -0.59 -0.36	24.16 -0.77 -1.07	28.57 -0.83 -4.38	26.82 -0.77 0.00	26.86 -0.68 0.00	26.07 -0.42 0.00	24.17 0.48 0.00	25.34 0.61 0.00
SAWYER___23_KV_LOAD 55526	17.36 0.32 0.00	15.53 0.19 0.00	13.35 0.14 0.00	13.43 0.09 0.00	13.57 0.03 0.00	17.66 0.20 0.00	26.21 0.40 0.00	27.07 0.19 -0.07	25.09 0.20 0.00	21.02 0.24 0.00	19.37 -0.05 0.00	17.77 -0.01 0.00	15.14 -0.19 0.00	16.49 -0.25 0.00	16.58 -0.41 0.00	17.32 -0.38 -0.24	19.65 -0.59 -0.36	24.16 -0.77 -1.07	28.57 -0.83 -4.38	26.82 -0.77 0.00	26.86 -0.68 0.00	26.07 -0.42 0.00	24.17 0.48 0.00	25.34 0.61 0.00
SELKIRK___I 23801	17.48 0.44 0.00	15.76 0.41 0.00	13.57 0.36 0.00	13.71 0.38 0.00	13.95 0.41 0.00	17.94 0.48 0.00	26.48 0.67 0.00	28.39 0.93 -0.65	25.71 0.81 0.00	21.41 0.62 0.00	19.95 0.54 0.00	18.27 0.49 0.00	15.79 0.46 0.00	17.23 0.48 0.00	17.54 0.56 0.00	20.85 0.65 -2.73	26.20 0.82 -5.50	34.45 1.05 -9.56	58.51 1.07 -32.42	28.69 1.10 0.00	28.63 1.09 0.00	27.48 0.98 0.00	24.44 0.75 0.00	25.19 0.46 0.00
SELKIRK___II 23799	17.38 0.35 0.00	15.66 0.33 0.00	13.49 0.28 0.00	13.62 0.29 0.00	13.87 0.32 0.00	17.82 0.37 0.00	26.30 0.49 0.00	28.22 0.75 -0.66	25.56 0.67 0.00	21.30 0.52 0.00	19.87 0.45 0.00	18.19 0.42 0.00	15.73 0.40 0.00	17.16 0.42 0.00	17.47 0.49 0.00	20.80 0.58 -2.76	26.17 0.73 -5.56	34.44 0.92 -9.66	58.72 0.92 -32.79	28.52 0.93 0.00	28.47 0.93 0.00	27.32 0.82 0.00	24.28 0.59 0.00	25.01 0.29 0.00
SENECA OSWGO___HYD 24041	17.37 0.33 0.00	15.60 0.26 0.00	13.43 0.22 0.00	13.55 0.22 0.00	13.76 0.22 0.00	17.83 0.38 0.00	26.44 0.63 0.00	27.48 0.61 -0.05	25.38 0.49 0.00	21.12 0.34 0.00	19.64 0.23 0.00	17.98 0.21 0.00	15.46 0.13 0.00	16.83 0.09 0.00	16.99 0.01 0.00	17.70 0.02 -0.21	20.47 0.14 -0.44	24.91 0.25 -0.81	28.17 0.32 -2.84	28.00 0.40 0.00	27.96 0.42 0.00	26.89 0.40 0.00	24.24 0.54 0.00	25.41 0.68 0.00
SENECA___115KV_TB3 355854	17.54 0.50 0.00	15.68 0.34 0.00	13.50 0.29 0.00	13.57 0.25 0.00	13.73 0.18 0.00	17.87 0.41 0.00	26.55 0.74 0.00	27.44 0.56 -0.07	25.44 0.54 0.00	21.30 0.52 0.00	19.60 0.19 0.00	17.99 0.21 0.00	15.32 -0.01 0.00	16.71 -0.03 0.00	16.80 -0.18 0.00	17.59 -0.12 -0.25	20.02 -0.25 -0.39	24.66 -0.31 -1.12	29.24 -0.32 -4.54	27.35 -0.24 0.00	27.42 -0.12 0.00	26.61 0.12 0.00	24.59 0.89 0.00	25.75 1.02 0.00
SENECA___ENERGY 23797	17.14 0.10 0.00	15.38 0.04 0.00	13.27 0.06 0.00	13.36 0.03 0.00	13.55 0.01 0.00	17.59 0.13 0.00	26.23 0.37 -0.05	27.37 0.36 -0.19	25.16 0.26 -0.01	21.03 0.14 -0.10	19.38 -0.04 0.00	17.76 -0.02 0.00	15.24 -0.10 0.00	16.60 -0.14 0.00	16.76 -0.23 0.00	17.55 -0.20 -0.28	20.50 0.03 -0.58	25.08 0.13 -1.11	29.05 -0.01 -4.04	27.61 0.02 0.00	27.63 0.08 0.00	26.58 0.09 0.00	24.16 0.47 0.00	25.42 0.70 0.00
SHOEMAKER___GT 23640	17.63 0.59 0.00	15.85 0.51 0.00	13.60 0.39 0.00	13.76 0.43 0.00	13.99 0.45 0.00	18.06 0.60 0.00	26.72 0.92 0.00	28.49 1.20 -0.48	26.07 1.18 0.00	21.78 1.00 0.00	20.34 0.93 0.00	18.63 0.85 0.00	16.10 0.77 0.00	17.56 0.82 0.00	17.87 0.89 0.00	20.52 1.03 -2.03	25.22 1.24 -4.09	32.41 1.45 -7.11	50.53 1.41 -24.11	29.05 1.46 0.00	28.97 1.43 0.00	27.81 1.31 0.00	24.76 1.06 0.00	25.45 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	17.62 0.58 0.00	15.84 0.50 0.00	13.59 0.38 0.00	13.75 0.42 0.00	13.99 0.45 0.00	18.05 0.59 0.00	26.70 0.90 0.00	28.46 1.17 -0.48	26.05 1.16 0.00	21.78 1.00 0.00	20.35 0.93 0.00	18.64 0.86 0.00	16.11 0.78 0.00	17.57 0.83 0.00	17.88 0.90 0.00	20.52 1.04 -2.01	25.18 1.24 -4.05	32.34 1.46 -7.03	50.25 1.39 -23.85	29.02 1.43 0.00	28.94 1.40 0.00	27.79 1.30 0.00	24.73 1.04 0.00	25.44 0.71 0.00

SHOREHAM_IC_1 23715	18.59 1.56 0.00	16.68 1.35 0.00	14.25 1.04 0.00	14.38 1.05 0.00	14.65 1.11 0.00	18.99 1.54 0.00	28.40 2.59 0.00	30.34 2.99 -0.54	27.79 2.90 0.00	23.21 2.43 0.00	21.69 2.27 0.00	19.86 2.08 0.00	17.03 1.70 0.00	18.80 2.06 0.00	19.08 2.09 0.00	38.50 2.38 -18.65	33.35 2.83 -10.64	35.53 3.31 -8.37	55.22 3.13 -27.08	33.30 3.47 -2.24	37.59 3.35 -6.69	30.72 3.24 -1.00	26.36 2.67 0.00	26.76 2.03 0.00
SHOREHAM_IC_2 23716	18.59 1.56 0.00	16.68 1.35 0.00	14.25 1.04 0.00	14.38 1.05 0.00	14.65 1.11 0.00	18.99 1.54 0.00	28.40 2.59 0.00	30.34 2.99 -0.54	27.79 2.90 0.00	23.21 2.43 0.00	21.69 2.27 0.00	19.86 2.08 0.00	17.03 1.70 0.00	18.80 2.06 0.00	19.08 2.09 0.00	38.50 2.38 -18.65	33.35 2.83 -10.64	35.53 3.31 -8.37	55.22 3.13 -27.08	33.30 3.47 -2.24	37.59 3.35 -6.69	30.72 3.24 -1.00	26.36 2.67 0.00	26.76 2.03 0.00
SISSONVILLE____ 23735	16.85 -0.19 0.00	15.22 -0.12 0.00	13.11 -0.10 0.00	13.14 -0.19 0.00	13.25 -0.29 0.00	16.99 -0.47 0.00	25.11 -0.69 0.00	25.88 -0.94 0.00	23.96 -0.93 0.00	19.86 -0.93 0.00	18.52 -0.89 0.00	16.92 -0.86 0.00	14.60 -0.73 0.00	16.00 -0.74 0.00	16.24 -0.75 0.00	16.66 -0.81 0.00	18.98 -0.91 0.00	22.86 -0.99 0.00	24.12 -0.89 0.00	26.79 -0.80 0.00	26.88 -0.66 0.00	26.13 -0.37 0.00	23.21 -0.48 0.00	24.44 -0.29 0.00
SITHE_IND_GS1 24169	16.73 -0.31 0.00	15.04 -0.30 0.00	12.95 -0.26 0.00	13.06 -0.27 0.00	13.26 -0.28 0.00	17.14 -0.31 0.00	25.36 -0.45 0.00	26.34 -0.52 -0.04	24.39 -0.50 0.00	20.35 -0.43 0.00	18.96 -0.46 0.00	17.37 -0.40 0.00	14.96 -0.37 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.12 -0.52 -0.16	19.57 -0.64 -0.32	23.59 -0.81 -0.55	26.07 -0.84 -1.90	26.67 -0.92 0.00	26.63 -0.91 0.00	25.64 -0.85 0.00	23.11 -0.58 0.00	24.24 -0.49 0.00
SITHE_IND_GS2 24170	16.73 -0.31 0.00	15.04 -0.30 0.00	12.95 -0.26 0.00	13.06 -0.27 0.00	13.26 -0.28 0.00	17.14 -0.31 0.00	25.36 -0.45 0.00	26.34 -0.52 -0.04	24.39 -0.50 0.00	20.35 -0.43 0.00	18.96 -0.46 0.00	17.37 -0.40 0.00	14.96 -0.37 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.12 -0.52 -0.16	19.57 -0.64 -0.32	23.59 -0.81 -0.55	26.07 -0.84 -1.90	26.67 -0.92 0.00	26.63 -0.91 0.00	25.64 -0.85 0.00	23.11 -0.58 0.00	24.24 -0.49 0.00
SITHE_IND_GS3 24171	16.73 -0.31 0.00	15.04 -0.30 0.00	12.95 -0.26 0.00	13.06 -0.27 0.00	13.26 -0.28 0.00	17.14 -0.31 0.00	25.36 -0.45 0.00	26.34 -0.52 -0.04	24.39 -0.50 0.00	20.35 -0.43 0.00	18.96 -0.46 0.00	17.37 -0.40 0.00	14.96 -0.37 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.12 -0.52 -0.16	19.57 -0.64 -0.32	23.59 -0.81 -0.55	26.07 -0.84 -1.90	26.67 -0.92 0.00	26.63 -0.91 0.00	25.64 -0.85 0.00	23.11 -0.58 0.00	24.24 -0.49 0.00
SITHE_IND_GS4 24172	16.73 -0.31 0.00	15.04 -0.30 0.00	12.95 -0.26 0.00	13.06 -0.27 0.00	13.26 -0.28 0.00	17.14 -0.31 0.00	25.36 -0.45 0.00	26.34 -0.52 -0.04	24.39 -0.50 0.00	20.35 -0.43 0.00	18.96 -0.46 0.00	17.37 -0.40 0.00	14.96 -0.37 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.12 -0.52 -0.16	19.57 -0.64 -0.32	23.59 -0.81 -0.55	26.07 -0.84 -1.90	26.67 -0.92 0.00	26.63 -0.91 0.00	25.64 -0.85 0.00	23.11 -0.58 0.00	24.24 -0.49 0.00
SITHE____BATAVIA 24024	17.36 0.60 0.28	15.66 0.44 0.12	13.44 0.32 0.09	13.49 0.29 0.13	13.59 0.25 0.20	17.81 0.52 0.17	25.89 0.93 0.85	27.66 0.78 -0.07	25.56 0.67 0.00	21.32 0.53 0.00	19.61 0.20 0.00	17.97 0.19 0.00	15.35 0.02 0.00	16.70 -0.04 0.00	16.80 -0.19 0.00	17.52 -0.19 -0.25	19.99 -0.33 -0.44	24.52 -0.36 -1.03	28.73 -0.27 -3.99	27.50 -0.09 0.00	27.39 -0.04 0.12	26.26 0.15 0.39	23.21 0.83 1.31	24.95 0.96 0.74
SITHE____INDEPEND 23800	16.73 -0.31 0.00	15.04 -0.30 0.00	12.95 -0.26 0.00	13.06 -0.27 0.00	13.26 -0.28 0.00	17.14 -0.31 0.00	25.36 -0.45 0.00	26.34 -0.52 -0.04	24.39 -0.50 0.00	20.35 -0.43 0.00	18.96 -0.46 0.00	17.37 -0.40 0.00	14.96 -0.37 0.00	16.30 -0.44 0.00	16.48 -0.50 0.00	17.12 -0.52 -0.16	19.57 -0.64 -0.32	23.60 -0.81 -0.55	26.07 -0.84 -1.90	26.67 -0.91 0.00	26.63 -0.91 0.00	25.64 -0.86 0.00	23.11 -0.58 0.00	24.24 -0.49 0.00
SITHE____MASSENA 23902	16.94 -0.09 0.00	15.28 -0.06 0.00	13.17 -0.04 0.00	13.25 -0.07 0.00	13.44 -0.10 0.00	17.27 -0.18 0.00	25.50 -0.31 0.00	26.28 -0.54 0.00	24.38 -0.51 0.00	20.36 -0.42 0.00	19.05 -0.37 0.00	17.41 -0.36 0.00	15.02 -0.31 0.00	16.46 -0.28 0.00	16.71 -0.28 0.00	17.12 -0.35 0.00	19.49 -0.39 0.00	23.43 -0.42 0.00	24.60 -0.41 0.00	27.24 -0.35 0.00	27.20 -0.35 0.00	26.26 -0.24 0.00	23.39 -0.31 0.00	24.65 -0.08 0.00
SITHE____OGDNSBRG 24021	17.10 0.06 0.00	15.42 0.08 0.00	13.29 0.08 0.00	13.36 0.03 0.00	13.52 -0.02 0.00	17.37 -0.09 0.00	25.70 -0.11 0.00	26.48 -0.34 0.00	24.45 -0.45 0.00	20.27 -0.51 0.00	18.95 -0.47 0.00	17.31 -0.46 0.00	14.95 -0.39 0.00	16.40 -0.34 0.00	16.64 -0.34 0.00	17.07 -0.40 0.00	19.41 -0.47 0.00	23.38 -0.47 0.00	24.69 -0.32 0.00	27.47 -0.12 0.00	27.48 -0.06 0.00	26.57 0.07 0.00	23.60 -0.09 0.00	24.85 0.12 0.00
SITHE____STERLING 23777	17.44 0.41 0.00	15.71 0.37 0.00	13.55 0.33 0.00	13.66 0.33 0.00	13.89 0.34 0.00	17.97 0.52 0.00	26.61 0.80 0.00	27.68 0.83 -0.03	25.55 0.66 0.00	21.24 0.46 0.00	19.75 0.33 0.00	18.11 0.34 0.00	15.59 0.26 0.00	16.99 0.25 0.00	17.22 0.23 0.00	17.86 0.24 -0.14	20.55 0.36 -0.30	24.92 0.52 -0.54	27.55 0.65 -1.89	28.39 0.80 0.00	28.34 0.80 0.00	27.21 0.72 0.00	24.36 0.67 0.00	25.45 0.72 0.00
SLEIGHT__34_KV_TB1 80719	17.46 0.43 0.00	15.67 0.33 0.00	13.49 0.28 0.00	13.59 0.26 0.00	13.78 0.24 0.00	17.94 0.48 0.00	26.69 0.88 0.00	27.77 0.89 -0.06	25.62 0.73 0.00	21.35 0.57 0.00	19.80 0.38 0.00	18.12 0.35 0.00	15.58 0.24 0.00	16.98 0.24 0.00	17.13 0.15 0.00	17.93 0.19 -0.27	20.90 0.45 -0.57	25.53 0.63 -1.05	29.37 0.55 -3.80	28.16 0.57 0.00	28.12 0.57 0.00	27.01 0.52 0.00	24.54 0.84 0.00	25.92 1.20 0.00
SOUTH CAIRO____GT 23612	17.81 0.78 0.00	16.05 0.72 0.00	13.84 0.63 0.00	13.97 0.63 0.00	14.22 0.68 0.00	18.31 0.85 0.00	27.17 1.36 0.00	29.15 1.72 -0.62	26.28 1.38 0.00	21.65 0.86 0.00	20.08 0.67 0.00	18.37 0.59 0.00	15.91 0.58 0.00	17.36 0.62 0.00	17.67 0.69 0.00	20.86 0.77 -2.62	26.21 1.03 -5.29	34.59 1.54 -9.19	58.00 1.79 -31.19	29.62 2.03 0.00	29.53 1.99 0.00	28.28 1.78 0.00	25.07 1.37 0.00	25.70 0.98 0.00
SOUTH HAMPTN____IC 23720	18.78 1.74 0.00	16.85 1.51 0.00	14.39 1.18 0.00	14.52 1.19 0.00	14.80 1.26 0.00	19.20 1.74 0.00	28.79 2.98 0.00	30.75 3.40 -0.54	28.18 3.29 0.00	23.55 2.76 0.00	22.01 2.59 0.00	20.19 2.41 0.00	17.40 2.07 0.00	19.08 2.34 0.00	19.37 2.39 0.00	38.81 2.69 -18.65	33.70 3.17 -10.64	35.95 3.73 -8.37	55.65 3.56 -27.08	33.75 3.92 -2.24	38.02 3.79 -6.69	31.12 3.63 -1.00	26.71 3.02 0.00	27.03 2.31 0.00

SOUTHDOWN_115KV_TB1 355954	18.08 1.05 0.00	16.12 0.78 0.00	13.94 0.73 0.00	14.01 0.68 0.00	14.18 0.64 0.00	18.51 1.05 0.00	27.67 1.87 0.00	28.71 1.82 -0.08	26.66 1.77 0.00	22.30 1.51 0.00	20.47 1.06 0.00	18.75 0.98 0.00	15.94 0.61 0.00	17.45 0.71 0.00	17.56 0.58 0.00	18.34 0.59 -0.28	21.19 0.83 -0.48	26.07 1.01 -1.22	30.84 0.99 -4.84	28.72 1.13 0.00	28.84 1.30 0.00	28.00 1.51 0.00	25.69 1.99 0.00	26.81 2.08 0.00
SOUTHOLD_69_KV_BK 2 55809	19.04 2.01 0.00	17.09 1.75 0.00	14.60 1.39 0.00	14.73 1.40 0.00	15.02 1.48 0.00	19.50 2.05 0.00	29.34 3.54 0.00	31.28 3.93 -0.54	28.68 3.79 0.00	23.97 3.19 0.00	22.39 2.98 0.00	20.54 2.76 0.00	17.71 2.38 0.00	19.41 2.67 0.00	19.71 2.72 0.00	39.17 3.05 -18.65	34.11 3.58 -10.64	36.47 4.25 -8.36	56.20 4.10 -27.08	34.34 4.51 -2.23	38.61 4.38 -6.69	31.72 4.24 -0.99	27.18 3.49 0.00	27.43 2.71 0.00
SOUTHOLD___IC 23719	19.04 2.01 0.00	17.08 1.75 0.00	14.60 1.39 0.00	14.73 1.40 0.00	15.02 1.48 0.00	19.50 2.04 0.00	29.30 3.49 0.00	31.29 3.93 -0.54	28.68 3.79 0.00	23.97 3.19 0.00	22.39 2.97 0.00	20.54 2.76 0.00	17.70 2.37 0.00	19.42 2.67 0.00	19.71 2.72 0.00	39.18 3.05 -18.65	34.12 3.59 -10.64	36.48 4.25 -8.37	56.20 4.11 -27.08	34.37 4.54 -2.24	38.62 4.39 -6.69	31.67 4.18 -1.00	27.18 3.49 0.00	27.43 2.70 0.00
SPIERFLS_115KV_TB 1 80737	18.11 1.07 0.00	16.33 0.99 0.00	14.02 0.81 0.00	14.13 0.80 0.00	14.42 0.88 0.00	18.71 1.25 0.00	27.76 1.95 0.00	29.83 2.34 -0.67	26.91 2.02 0.00	22.30 1.51 0.00	20.70 1.28 0.00	18.86 1.08 0.00	16.23 0.90 0.00	17.55 0.81 0.00	17.87 0.89 0.00	21.33 1.03 -2.84	26.74 1.14 -5.72	35.34 1.53 -9.95	60.32 1.55 -33.76	29.06 1.47 0.00	29.10 1.56 0.00	27.90 1.40 0.00	25.22 1.52 0.00	26.23 1.51 0.00
ST LAWRENCE____ 23600	16.76 -0.28 0.00	15.11 -0.23 0.00	13.02 -0.19 0.00	13.12 -0.21 0.00	13.31 -0.23 0.00	17.11 -0.35 0.00	25.26 -0.55 0.00	26.05 -0.77 0.00	24.19 -0.70 0.00	20.22 -0.56 0.00	18.94 -0.48 0.00	17.31 -0.46 0.00	14.94 -0.39 0.00	16.38 -0.36 0.00	16.62 -0.37 0.00	17.03 -0.45 0.00	19.38 -0.51 0.00	23.28 -0.57 0.00	24.41 -0.60 0.00	27.00 -0.59 0.00	26.95 -0.59 0.00	25.99 -0.50 0.00	23.16 -0.53 0.00	24.38 -0.34 0.00
STATE_CA_115KV_115_LB 55624	17.38 0.34 0.00	15.67 0.33 0.00	13.49 0.28 0.00	13.63 0.30 0.00	13.88 0.33 0.00	17.82 0.36 0.00	26.29 0.48 0.00	28.23 0.76 -0.66	25.55 0.66 0.00	21.28 0.50 0.00	19.86 0.44 0.00	18.19 0.41 0.00	15.74 0.40 0.00	17.16 0.41 0.00	17.48 0.50 0.00	20.85 0.59 -2.79	26.26 0.76 -5.62	34.60 0.97 -9.77	59.13 0.98 -33.14	28.57 0.97 0.00	28.50 0.96 0.00	27.34 0.84 0.00	24.27 0.58 0.00	24.98 0.26 0.00
STATE_ST_34_KV_LOAD 55959	17.35 0.31 0.00	15.59 0.25 0.00	13.46 0.25 0.00	13.55 0.21 0.00	13.71 0.17 0.00	17.84 0.38 0.00	26.63 0.83 0.00	27.72 0.84 -0.07	25.53 0.64 0.00	21.30 0.51 0.00	19.76 0.34 0.00	18.06 0.29 0.00	15.56 0.23 0.00	16.97 0.23 0.00	17.15 0.17 0.00	17.97 0.21 -0.29	21.08 0.59 -0.60	25.78 0.81 -1.12	29.77 0.70 -4.06	28.27 0.68 0.00	28.24 0.70 0.00	27.17 0.67 0.00	24.70 1.01 0.00	25.95 1.22 0.00
STATION 5_MISC_HYD 23604	17.11 0.27 0.19	15.43 0.17 0.08	13.26 0.11 0.06	13.33 0.09 0.09	13.46 0.05 0.14	17.53 0.19 0.12	25.67 0.45 0.58	27.24 0.37 -0.06	25.21 0.32 0.00	21.05 0.27 0.00	19.49 0.07 0.00	17.88 0.10 0.00	15.31 -0.02 0.00	16.68 -0.07 0.00	16.80 -0.18 0.00	17.56 -0.16 -0.26	20.16 -0.27 -0.54	24.44 -0.40 -0.99	28.18 -0.42 -3.59	27.21 -0.38 0.00	27.09 -0.36 0.08	26.02 -0.22 0.26	23.13 0.32 0.88	24.61 0.39 0.50
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.35 0.31 0.00	15.56 0.22 0.00	13.40 0.19 0.00	13.50 0.17 0.00	13.68 0.14 0.00	17.79 0.33 0.00	26.45 0.64 0.00	27.51 0.63 -0.06	25.42 0.52 0.00	21.18 0.40 0.00	19.59 0.17 0.00	17.95 0.18 0.00	15.38 0.05 0.00	16.73 -0.01 0.00	16.87 -0.11 0.00	17.65 -0.08 -0.26	20.38 -0.05 -0.54	24.83 -0.03 -1.01	28.66 -0.04 -3.69	27.60 0.01 0.00	27.56 0.02 0.00	26.56 0.06 0.00	24.19 0.50 0.00	25.35 0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.17 0.13 0.00	15.39 0.05 0.00	13.23 0.02 0.00	13.32 -0.01 0.00	13.50 -0.04 0.00	17.53 0.07 0.00	26.06 0.25 0.00	27.06 0.19 -0.06	25.04 0.15 0.00	20.91 0.13 0.00	19.37 -0.05 0.00	17.75 -0.02 0.00	15.20 -0.14 0.00	16.56 -0.18 0.00	16.69 -0.29 0.00	17.45 -0.27 -0.26	20.04 -0.39 -0.54	24.33 -0.51 -0.98	28.07 -0.52 -3.57	27.09 -0.50 0.00	27.05 -0.49 0.00	26.12 -0.38 0.00	23.85 0.16 0.00	24.94 0.22 0.00
STA_56___34_KV_BUS2 355983	17.17 0.13 0.00	15.39 0.05 0.00	13.23 0.02 0.00	13.32 -0.01 0.00	13.50 -0.04 0.00	17.53 0.07 0.00	26.06 0.25 0.00	27.06 0.19 -0.06	25.04 0.15 0.00	20.91 0.13 0.00	19.37 -0.05 0.00	17.75 -0.02 0.00	15.20 -0.14 0.00	16.56 -0.18 0.00	16.69 -0.29 0.00	17.45 -0.27 -0.26	20.04 -0.39 -0.54	24.33 -0.51 -0.98	28.07 -0.52 -3.57	27.09 -0.50 0.00	27.05 -0.49 0.00	26.12 -0.38 0.00	23.85 0.16 0.00	24.94 0.22 0.00
STA_67___115KV_BK2 355882	17.27 0.24 0.00	15.48 0.14 0.00	13.30 0.09 0.00	13.39 0.06 0.00	13.57 0.02 0.00	17.62 0.16 0.00	26.19 0.38 0.00	27.18 0.31 -0.06	25.15 0.26 0.00	21.01 0.22 0.00	19.45 0.03 0.00	17.84 0.06 0.00	15.27 -0.07 0.00	16.64 -0.10 0.00	16.77 -0.22 0.00	17.53 -0.20 -0.26	20.09 -0.34 -0.54	24.38 -0.46 -0.99	28.12 -0.47 -3.58	27.15 -0.44 0.00	27.12 -0.42 0.00	26.20 -0.30 0.00	23.97 0.28 0.00	25.06 0.34 0.00
STA_7___115KV_9TRANS 80674	17.37 0.33 0.00	15.56 0.22 0.00	13.37 0.16 0.00	13.46 0.13 0.00	13.64 0.09 0.00	17.71 0.26 0.00	26.36 0.56 0.00	27.37 0.49 -0.06	25.32 0.43 0.00	21.14 0.36 0.00	19.58 0.16 0.00	17.96 0.18 0.00	15.37 0.04 0.00	16.75 0.01 0.00	16.88 -0.10 0.00	17.65 -0.08 -0.26	20.23 -0.19 -0.54	24.57 -0.27 -0.99	28.33 -0.27 -3.59	27.38 -0.21 0.00	27.34 -0.20 0.00	26.41 -0.09 0.00	24.15 0.45 0.00	25.22 0.49 0.00
STA_82___115KV_TB1 80780	17.28 0.24 0.00	15.48 0.14 0.00	13.31 0.10 0.00	13.40 0.07 0.00	13.57 0.03 0.00	17.63 0.17 0.00	26.21 0.40 0.00	27.21 0.33 -0.06	25.17 0.28 0.00	21.01 0.23 0.00	19.45 0.04 0.00	17.85 0.07 0.00	15.27 -0.06 0.00	16.64 -0.09 0.00	16.78 -0.21 0.00	17.53 -0.20 -0.26	20.09 -0.33 -0.54	24.40 -0.44 -0.99	28.16 -0.46 -3.60	27.17 -0.42 0.00	27.14 -0.40 0.00	26.22 -0.27 0.00	23.99 0.30 0.00	25.08 0.35 0.00
STEEL___WIND 323596	17.14 0.49 0.39	15.50 0.33 0.17	13.37 0.28 0.12	13.39 0.25 0.19	13.45 0.19 0.28	17.62 0.40 0.24	25.37 0.75 1.19	27.43 0.54 -0.07	25.43 0.54 0.00	21.29 0.50 0.00	19.59 0.18 0.00	17.97 0.19 0.00	15.34 0.00 0.00	16.70 -0.04 0.00	16.79 -0.19 0.00	17.58 -0.13 -0.25	20.04 -0.23 -0.39	24.65 -0.32 -1.12	29.21 -0.35 -4.54	27.32 -0.27 0.00	27.22 -0.15 0.18	26.06 0.11 0.55	22.71 0.88 1.87	24.69 1.02 1.06

STEPHTWN_115KV_BK_2 55603	17.46 0.42 0.00	15.73 0.39 0.00	13.54 0.32 0.00	13.65 0.32 0.00	13.92 0.37 0.00	17.90 0.45 0.00	26.47 0.66 0.00	28.37 0.90 -0.66	25.66 0.76 0.00	21.33 0.55 0.00	19.88 0.47 0.00	18.20 0.43 0.00	15.75 0.42 0.00	17.17 0.43 0.00	17.49 0.51 0.00	20.87 0.64 -2.77	26.32 0.86 -5.57	34.71 1.16 -9.69	59.02 1.13 -32.88	28.70 1.11 0.00	28.65 1.11 0.00	27.46 0.97 0.00	24.37 0.68 0.00	25.09 0.36 0.00
STEBEN_REC_LFGE 323667	17.47 0.43 0.00	15.79 0.45 0.00	13.61 0.39 0.00	13.75 0.42 0.00	13.96 0.42 0.00	18.17 0.72 0.00	27.12 1.31 0.00	28.04 1.13 -0.09	25.88 0.99 0.00	21.53 0.75 0.00	19.73 0.31 0.00	17.98 0.21 0.00	15.27 -0.06 0.00	16.73 -0.01 0.00	16.85 -0.13 0.00	17.74 -0.10 -0.37	20.68 0.09 -0.70	25.74 0.37 -1.52	31.46 0.52 -5.92	28.08 0.49 0.00	28.24 0.70 0.00	27.44 0.94 0.00	25.03 1.33 0.00	26.12 1.40 0.00
STONY__BROOK 24151	18.48 1.44 0.00	16.58 1.24 0.00	14.17 0.95 0.00	14.29 0.96 0.00	14.56 1.02 0.00	18.88 1.42 0.00	28.19 2.39 0.00	30.14 2.78 -0.54	27.63 2.74 0.00	23.08 2.30 0.00	21.59 2.17 0.00	19.81 2.03 0.00	17.10 1.76 0.00	18.72 1.98 0.00	19.02 2.03 0.00	38.43 2.30 -18.65	33.20 2.68 -10.64	35.32 3.10 -8.37	54.98 2.88 -27.08	33.01 3.18 -2.24	37.36 3.13 -6.69	30.50 3.01 -1.00	26.17 2.48 0.00	26.61 1.89 0.00
STURGEON_POOL_HYD 23609	17.89 0.85 0.00	16.08 0.74 0.00	13.77 0.56 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.32 0.86 0.00	27.02 1.21 0.00	28.95 1.58 -0.55	26.49 1.60 0.00	22.17 1.39 0.00	20.72 1.31 0.00	18.98 1.21 0.00	16.40 1.06 0.00	17.89 1.16 0.00	18.22 1.24 0.00	21.19 1.41 -2.31	26.22 1.68 -4.66	33.89 1.94 -8.10	54.30 1.82 -27.47	29.47 1.88 0.00	29.40 1.86 0.00	28.16 1.67 0.00	25.03 1.34 0.00	25.71 0.99 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.73 0.69 0.00	15.93 0.59 0.00	13.65 0.44 0.00	13.83 0.50 0.00	14.07 0.53 0.00	18.15 0.69 0.00	26.82 1.01 0.00	28.62 1.31 -0.50	26.21 1.31 0.00	21.93 1.15 0.00	20.51 1.09 0.00	18.80 1.02 0.00	16.26 0.92 0.00	17.73 0.99 0.00	18.06 1.08 0.00	20.81 1.24 -2.10	25.61 1.48 -4.24	32.93 1.71 -7.37	51.56 1.56 -24.99	29.17 1.58 0.00	29.06 1.52 0.00	27.89 1.39 0.00	24.81 1.12 0.00	25.54 0.82 0.00
SWANROAD_115KV_TB1 355699	17.04 0.00 0.00	15.25 -0.08 0.00	13.07 -0.14 0.00	13.15 -0.18 0.00	13.30 -0.24 0.00	17.34 -0.12 0.00	25.63 -0.17 0.00	26.43 -0.45 -0.07	24.51 -0.38 0.00	20.59 -0.19 0.00	18.97 -0.45 0.00	17.40 -0.37 0.00	14.86 -0.48 0.00	16.20 -0.54 0.00	16.26 -0.72 0.00	16.94 -0.76 -0.23	19.14 -1.12 -0.37	23.49 -1.42 -1.05	27.79 -1.47 -4.25	26.13 -1.46 0.00	26.15 -1.39 0.00	25.38 -1.12 0.00	23.58 -0.12 0.00	24.80 0.08 0.00
SYNERGY__BIOGAS 323694	17.36 0.60 0.28	15.66 0.44 0.12	13.44 0.32 0.09	13.49 0.29 0.13	13.59 0.25 0.20	17.81 0.52 0.17	25.89 0.93 0.85	27.66 0.78 -0.07	25.56 0.67 0.00	21.32 0.53 0.00	19.61 0.20 0.00	17.97 0.19 0.00	15.35 0.02 0.00	16.70 -0.04 0.00	16.80 -0.19 0.00	17.52 -0.19 -0.25	19.99 -0.33 -0.44	24.52 -0.36 -1.03	28.73 -0.27 -3.99	27.50 -0.09 0.00	27.39 -0.04 0.12	26.26 0.15 0.39	23.21 0.83 1.31	24.95 0.96 0.74
SYRACUSE__ENERGY_ST1 323597	17.22 0.18 0.00	15.48 0.14 0.00	13.33 0.12 0.00	13.44 0.11 0.00	13.66 0.11 0.00	17.69 0.23 0.00	26.18 0.37 0.00	27.23 0.35 -0.06	25.16 0.27 0.00	20.97 0.19 0.00	19.51 0.09 0.00	17.88 0.10 0.00	15.38 0.05 0.00	16.76 0.02 0.00	16.93 -0.05 0.00	17.68 -0.04 -0.24	20.59 0.19 -0.51	25.10 0.31 -0.94	28.60 0.21 -3.37	27.83 0.24 0.00	27.78 0.24 0.00	26.71 0.22 0.00	24.17 0.48 0.00	25.51 0.78 0.00
SYRACUSE__ENERGY_ST2 323598	17.22 0.18 0.00	15.48 0.14 0.00	13.33 0.12 0.00	13.44 0.11 0.00	13.66 0.11 0.00	17.69 0.23 0.00	26.18 0.37 0.00	27.23 0.35 -0.06	25.16 0.27 0.00	20.97 0.19 0.00	19.51 0.09 0.00	17.88 0.10 0.00	15.38 0.05 0.00	16.76 0.02 0.00	16.93 -0.05 0.00	17.68 -0.04 -0.24	20.59 0.19 -0.51	25.10 0.31 -0.94	28.60 0.21 -3.37	27.83 0.24 0.00	27.78 0.24 0.00	26.71 0.22 0.00	24.17 0.48 0.00	25.51 0.78 0.00
SYRACUSE__POWER 24017	17.14 0.10 0.00	15.40 0.06 0.00	13.27 0.05 0.00	13.38 0.05 0.00	13.58 0.04 0.00	17.58 0.13 0.00	26.06 0.25 0.00	27.13 0.25 -0.06	25.09 0.20 0.00	20.90 0.12 0.00	19.45 0.03 0.00	17.82 0.05 0.00	15.33 0.00 0.00	16.71 -0.03 0.00	16.89 -0.09 0.00	17.65 -0.08 -0.26	20.43 0.00 -0.54	24.88 0.05 -0.98	28.47 0.05 -3.42	27.66 0.07 0.00	27.62 0.07 0.00	26.56 0.07 0.00	23.95 0.25 0.00	25.08 0.35 0.00
TALLMAN_138KV_BK151 55660	17.80 0.77 0.00	15.99 0.65 0.00	13.69 0.48 0.00	13.88 0.55 0.00	14.13 0.58 0.00	18.23 0.77 0.00	26.94 1.13 0.00	28.80 1.47 -0.52	26.40 1.51 0.00	22.11 1.33 0.00	20.70 1.28 0.00	18.98 1.21 0.00	16.41 1.08 0.00	17.91 1.17 0.00	18.24 1.25 0.00	21.10 1.45 -2.18	25.99 1.71 -4.40	33.45 1.95 -7.64	52.71 1.78 -25.91	29.40 1.80 0.00	29.25 1.71 0.00	28.08 1.59 0.00	24.97 1.28 0.00	25.67 0.94 0.00
TEALLAVE_115KV_TB7 355573	17.06 0.02 0.00	15.33 -0.01 0.00	13.20 -0.01 0.00	13.31 -0.02 0.00	13.51 -0.03 0.00	17.49 0.04 0.00	25.93 0.12 0.00	26.97 0.10 -0.05	24.96 0.07 0.00	20.81 0.02 0.00	19.36 -0.05 0.00	17.75 -0.03 0.00	15.27 -0.06 0.00	16.64 -0.10 0.00	16.82 -0.17 0.00	17.53 -0.16 -0.22	20.22 -0.13 -0.46	24.56 -0.14 -0.85	27.82 -0.15 -2.95	27.44 -0.15 0.00	27.39 -0.15 0.00	26.36 -0.14 0.00	23.77 0.08 0.00	24.89 0.17 0.00
TELGRAPH_34_KV_EAST 80808	17.39 0.35 0.00	15.56 0.22 0.00	13.35 0.14 0.00	13.43 0.10 0.00	13.59 0.04 0.00	17.70 0.24 0.00	26.24 0.44 0.00	27.12 0.24 -0.07	25.12 0.23 0.00	21.04 0.25 0.00	19.39 -0.03 0.00	17.77 0.00 0.00	15.16 -0.17 0.00	16.52 -0.22 0.00	16.60 -0.38 0.00	17.32 -0.39 -0.24	19.66 -0.63 -0.41	24.12 -0.77 -1.04	28.34 -0.77 -4.11	26.90 -0.69 0.00	26.91 -0.63 0.00	26.09 -0.41 0.00	24.15 0.45 0.00	25.32 0.60 0.00
TEMPLE__115KV_TB 2 55572	17.06 0.02 0.00	15.33 -0.01 0.00	13.20 -0.01 0.00	13.32 -0.01 0.00	13.52 -0.02 0.00	17.50 0.04 0.00	25.93 0.13 0.00	26.98 0.11 -0.05	24.96 0.07 0.00	20.82 0.04 0.00	19.37 -0.04 0.00	17.76 -0.02 0.00	15.28 -0.06 0.00	16.65 -0.09 0.00	16.83 -0.16 0.00	17.54 -0.15 -0.22	20.24 -0.11 -0.47	24.59 -0.12 -0.86	27.87 -0.13 -2.99	27.45 -0.14 0.00	27.41 -0.13 0.00	26.37 -0.12 0.00	23.78 0.09 0.00	24.89 0.17 0.00
TIANA__69_KV_BK 1 55817	18.71 1.68 0.00	16.79 1.45 0.00	14.34 1.13 0.00	14.47 1.14 0.00	14.75 1.20 0.00	19.14 1.68 0.00	28.72 2.91 0.00	30.65 3.30 -0.54	28.08 3.18 0.00	23.46 2.68 0.00	21.93 2.51 0.00	20.11 2.34 0.00	17.35 2.01 0.00	19.01 2.27 0.00	19.30 2.31 0.00	38.73 2.61 -18.65	33.58 3.06 -10.64	35.81 3.60 -8.36	55.51 3.42 -27.08	33.59 3.76 -2.23	37.89 3.65 -6.69	31.07 3.59 -0.99	26.63 2.94 0.00	26.94 2.21 0.00

TILDEN___115KV_TB1 80814	17.14 0.10 0.00	15.40 0.06 0.00	13.27 0.05 0.00	13.38 0.05 0.00	13.58 0.04 0.00	17.58 0.13 0.00	26.06 0.25 0.00	27.13 0.25 -0.06	25.09 0.20 0.00	20.90 0.12 0.00	19.45 0.03 0.00	17.82 0.05 0.00	15.33 0.00 0.00	16.71 -0.03 0.00	16.89 -0.09 0.00	17.65 -0.08 -0.26	20.43 0.00 -0.54	24.88 0.05 -0.98	28.47 0.05 -3.42	27.66 0.07 0.00	27.62 0.07 0.00	26.56 0.07 0.00	23.95 0.25 0.00	25.08 0.35 0.00
TRIGEN___CC 323695	18.14 1.10 0.00	16.27 0.93 0.00	13.92 0.71 0.00	14.06 0.73 0.00	14.32 0.78 0.00	18.54 1.08 0.00	27.49 1.69 0.00	29.38 2.02 -0.54	26.93 2.03 0.00	22.53 1.75 0.00	21.12 1.71 0.00	19.38 1.60 0.00	16.74 1.41 0.00	18.29 1.55 0.00	18.60 1.62 0.00	37.94 1.82 -18.65	32.69 2.17 -10.64	34.71 2.49 -8.36	54.37 2.28 -27.08	32.27 2.44 -2.23	36.60 2.37 -6.69	29.73 2.25 -0.99	25.51 1.82 0.00	26.14 1.42 0.00
TRINITY__115KV__4 BK 55933	17.31 0.27 0.00	15.61 0.27 0.00	13.45 0.23 0.00	13.58 0.25 0.00	13.83 0.28 0.00	17.75 0.29 0.00	26.18 0.37 0.00	28.12 0.65 -0.66	25.45 0.56 0.00	21.20 0.41 0.00	19.77 0.36 0.00	18.11 0.34 0.00	15.67 0.34 0.00	17.08 0.35 0.00	17.40 0.42 0.00	20.75 0.51 -2.77	26.13 0.66 -5.58	34.43 0.87 -9.71	58.82 0.87 -32.94	28.45 0.85 0.00	28.38 0.84 0.00	27.23 0.73 0.00	24.17 0.48 0.00	24.86 0.14 0.00
UNION___PROCESSING_DRP 323587	17.29 0.25 0.00	15.49 0.15 0.00	13.31 0.10 0.00	13.41 0.07 0.00	13.58 0.03 0.00	17.63 0.17 0.00	26.22 0.41 0.00	27.22 0.34 -0.06	25.18 0.29 0.00	21.02 0.24 0.00	19.46 0.04 0.00	17.85 0.08 0.00	15.28 -0.06 0.00	16.65 -0.09 0.00	16.78 -0.20 0.00	17.54 -0.19 -0.26	20.10 -0.32 -0.53	24.41 -0.43 -0.99	28.17 -0.45 -3.61	27.19 -0.40 0.00	27.15 -0.39 0.00	26.23 -0.26 0.00	24.00 0.31 0.00	25.09 0.36 0.00
UPPER HUDSON___HYD 24058	18.11 1.07 0.00	16.33 0.99 0.00	14.02 0.81 0.00	14.13 0.80 0.00	14.42 0.88 0.00	18.71 1.25 0.00	27.76 1.96 0.00	29.83 2.35 -0.67	26.91 2.02 0.00	22.30 1.51 0.00	20.70 1.28 0.00	18.86 1.08 0.00	16.23 0.90 0.00	17.55 0.81 0.00	17.87 0.89 0.00	21.33 1.03 -2.84	26.75 1.14 -5.72	35.34 1.53 -9.95	60.32 1.55 -33.76	29.06 1.47 0.00	29.09 1.55 0.00	27.89 1.39 0.00	25.22 1.52 0.00	26.23 1.51 0.00
UPPER RAQUET___HYD 24056	16.85 -0.19 0.00	15.22 -0.12 0.00	13.11 -0.10 0.00	13.14 -0.19 0.00	13.25 -0.29 0.00	16.99 -0.47 0.00	25.12 -0.69 0.00	25.88 -0.94 0.00	23.96 -0.93 0.00	19.85 -0.93 0.00	18.53 -0.89 0.00	16.92 -0.86 0.00	14.60 -0.73 0.00	16.00 -0.74 0.00	16.24 -0.75 0.00	16.66 -0.81 0.00	18.97 -0.92 0.00	22.86 -0.99 0.00	24.12 -0.89 0.00	26.79 -0.80 0.00	26.88 -0.66 0.00	26.13 -0.36 0.00	23.21 -0.48 0.00	24.44 -0.29 0.00
VALLEY44_115KV_TB2 355964	17.81 0.78 0.00	15.93 0.59 0.00	13.75 0.54 0.00	13.85 0.52 0.00	14.05 0.51 0.00	18.25 0.79 0.00	27.13 1.32 0.00	28.10 1.21 -0.08	26.09 1.20 0.00	21.85 1.07 0.00	20.00 0.58 0.00	18.30 0.53 0.00	15.57 0.23 0.00	17.01 0.27 0.00	17.13 0.15 0.00	17.79 0.02 -0.30	20.72 0.33 -0.51	25.53 0.43 -1.25	30.36 0.42 -4.93	28.08 0.49 0.00	28.22 0.67 0.00	27.54 1.04 0.00	25.35 1.66 0.00	26.51 1.79 0.00
VALLEY___115KV_TB 1-4 80826	17.05 0.02 0.00	15.40 0.06 0.00	13.25 0.04 0.00	13.34 0.01 0.00	13.57 0.03 0.00	17.55 0.10 0.00	25.81 0.00 0.00	27.02 0.20 0.00	25.06 0.17 0.00	20.79 0.01 0.00	19.39 -0.03 0.00	17.69 -0.09 0.00	15.24 -0.09 0.00	16.64 -0.10 0.00	16.92 -0.06 0.00	17.48 0.01 0.00	19.96 0.07 0.00	24.07 0.22 0.00	25.27 0.26 0.00	27.80 0.21 0.00	27.75 0.21 0.00	26.71 0.21 0.00	23.84 0.14 0.00	24.67 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.58 0.54 0.00	15.81 0.47 0.00	13.62 0.40 0.00	13.76 0.43 0.00	13.98 0.44 0.00	18.05 0.59 0.00	26.80 0.99 0.00	28.24 1.18 -0.25	25.99 1.10 0.00	21.69 0.91 0.00	20.22 0.81 0.00	18.51 0.73 0.00	15.98 0.64 0.00	17.42 0.68 0.00	17.69 0.71 0.00	19.30 0.80 -1.03	22.95 0.98 -2.09	28.67 1.18 -3.64	38.58 1.26 -12.31	28.93 1.34 0.00	28.89 1.34 0.00	27.72 1.23 0.00	24.73 1.03 0.00	25.50 0.77 0.00
VISCHER___FERRY HYD 24020	17.65 0.61 0.00	15.91 0.57 0.00	13.67 0.46 0.00	13.80 0.47 0.00	14.06 0.52 0.00	18.12 0.67 0.00	26.71 0.90 0.00	28.71 1.23 -0.66	25.95 1.06 0.00	21.57 0.79 0.00	20.08 0.66 0.00	18.36 0.59 0.00	15.89 0.56 0.00	17.30 0.56 0.00	17.64 0.66 0.00	21.03 0.76 -2.80	26.47 0.94 -5.64	34.94 1.27 -9.82	59.63 1.32 -33.30	28.91 1.32 0.00	28.86 1.32 0.00	27.69 1.20 0.00	24.61 0.92 0.00	25.34 0.61 0.00
V_A_10_SYNC_DSASP 323832	16.90 0.16 0.29	15.27 0.06 0.12	13.13 0.02 0.09	13.19 0.00 0.14	13.27 -0.07 0.21	17.33 0.05 0.18	25.10 0.17 0.88	26.88 0.00 -0.06	24.90 0.01 0.00	20.84 0.06 0.00	19.24 -0.17 0.00	17.65 -0.12 0.00	15.09 -0.24 0.00	16.41 -0.33 0.00	16.50 -0.48 0.00	17.30 -0.47 -0.30	19.88 -0.68 -0.67	23.98 -0.97 -1.10	27.81 -1.07 -3.87	26.50 -1.09 0.00	26.38 -1.03 0.13	25.33 -0.75 0.41	22.37 0.05 1.38	24.12 0.17 0.78
V_CMM_10_SYNC_DSASP 323787	16.84 -0.20 0.00	15.18 -0.16 0.00	13.08 -0.13 0.00	13.18 -0.15 0.00	13.37 -0.17 0.00	17.18 -0.27 0.00	25.38 -0.43 0.00	26.17 -0.65 0.00	24.30 -0.59 0.00	20.31 -0.47 0.00	19.03 -0.39 0.00	17.39 -0.38 0.00	15.01 -0.32 0.00	16.45 -0.29 0.00	16.69 -0.29 0.00	17.10 -0.37 0.00	19.46 -0.43 0.00	23.38 -0.47 0.00	24.52 -0.49 0.00	27.13 -0.46 0.00	27.07 -0.47 0.00	26.11 -0.39 0.00	23.26 -0.43 0.00	24.49 -0.24 0.00
V_CMP_10_SYNC_DSASP 323788	17.20 0.16 0.00	15.56 0.22 0.00	13.35 0.14 0.00	13.38 0.05 0.00	13.56 0.02 0.00	17.42 -0.04 0.00	25.67 -0.14 0.00	26.23 -0.59 0.00	24.53 -0.36 0.00	20.46 -0.32 0.00	18.99 -0.43 0.00	17.28 -0.50 0.00	15.00 -0.34 0.00	16.51 -0.22 0.00	16.86 -0.12 0.00	17.43 -0.04 0.00	19.85 -0.04 0.00	23.77 -0.09 0.00	25.39 0.37 0.00	28.06 0.47 0.00	27.95 0.41 0.00	27.00 0.51 0.00	23.85 0.16 0.00	25.04 0.32 0.00
V_E_10_SYNC_DSASP 323830	18.30 1.18 -0.09	16.38 1.00 -0.04	14.12 0.88 -0.03	14.29 0.92 -0.04	14.55 0.94 -0.06	18.88 1.37 -0.05	28.35 2.25 -0.28	29.49 2.44 -0.23	27.11 2.21 0.00	22.46 1.63 -0.06	20.60 1.18 0.00	18.77 1.00 0.00	16.18 0.84 0.00	17.64 0.90 0.00	17.86 0.87 0.00	19.12 0.95 -0.70	22.62 1.32 -1.42	28.29 1.92 -2.52	35.83 2.23 -8.58	30.10 2.51 0.00	29.94 2.36 -0.04	28.89 2.27 -0.13	26.11 1.99 -0.43	26.87 1.90 -0.24
V_F_30_NSYNC___DSASP 323816	17.94 0.90 0.00	16.17 0.83 0.00	13.89 0.68 0.00	14.01 0.68 0.00	14.28 0.74 0.00	18.47 1.01 0.00	27.33 1.52 0.00	29.32 1.84 -0.67	26.48 1.59 0.00	22.00 1.22 0.00	20.46 1.04 0.00	18.70 0.92 0.00	16.14 0.81 0.00	17.56 0.82 0.00	17.88 0.90 0.00	21.33 1.04 -2.83	26.84 1.24 -5.71	35.41 1.63 -9.93	60.40 1.69 -33.70	29.31 1.72 0.00	29.26 1.72 0.00	28.07 1.57 0.00	25.07 1.37 0.00	25.89 1.16 0.00

V_F_30_SYNC_DSASP 323786	17.38 0.34 0.00	15.66 0.33 0.00	13.49 0.28 0.00	13.63 0.30 0.00	13.88 0.33 0.00	17.82 0.36 0.00	26.28 0.48 0.00	28.23 0.76 -0.66	25.55 0.66 0.00	21.28 0.50 0.00	19.85 0.44 0.00	18.19 0.41 0.00	15.73 0.40 0.00	17.15 0.41 0.00	17.48 0.49 0.00	20.84 0.59 -2.79	26.25 0.75 -5.61	34.59 0.97 -9.76	59.11 0.97 -33.12	28.57 0.97 0.00	28.50 0.95 0.00	27.33 0.83 0.00	24.27 0.58 0.00	24.98 0.26 0.00
V_XM_10_SYNC_DSASP 323789	17.20 0.16 0.00	15.56 0.22 0.00	13.35 0.14 0.00	13.38 0.05 0.00	13.56 0.02 0.00	17.42 -0.04 0.00	25.67 -0.14 0.00	26.23 -0.59 0.00	24.53 -0.36 0.00	20.46 -0.32 0.00	18.99 -0.43 0.00	17.28 -0.50 0.00	15.00 -0.34 0.00	16.51 -0.22 0.00	16.86 -0.12 0.00	17.43 -0.04 0.00	19.85 -0.04 0.00	23.77 -0.09 0.00	25.39 0.37 0.00	28.06 0.47 0.00	27.95 0.41 0.00	27.00 0.51 0.00	23.85 0.16 0.00	25.04 0.32 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	17.86 0.82 0.00	16.04 0.70 0.00	13.73 0.52 0.00	13.92 0.59 0.00	14.16 0.62 0.00	18.28 0.83 0.00	27.03 1.23 0.00	28.90 1.57 -0.52	26.49 1.59 0.00	22.18 1.40 0.00	20.76 1.34 0.00	19.03 1.26 0.00	16.46 1.13 0.00	17.96 1.22 0.00	18.29 1.30 0.00	21.16 1.50 -2.20	26.08 1.77 -4.43	33.58 2.04 -7.69	52.98 1.88 -26.09	29.50 1.91 0.00	29.36 1.82 0.00	28.19 1.69 0.00	25.06 1.37 0.00	25.74 1.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	17.91 0.87 0.00	16.10 0.76 0.00	13.80 0.59 0.00	13.96 0.63 0.00	14.21 0.66 0.00	18.33 0.87 0.00	27.10 1.29 0.00	29.04 1.69 -0.54	26.69 1.80 0.00	22.41 1.63 0.00	20.97 1.55 0.00	19.23 1.45 0.00	16.65 1.31 0.00	18.14 1.40 0.00	18.47 1.49 0.00	21.44 1.69 -2.28	26.47 1.99 -4.59	34.05 2.21 -7.98	54.08 1.99 -27.07	29.66 2.07 0.00	29.52 1.98 0.00	28.37 1.87 0.00	25.23 1.54 0.00	25.86 1.13 0.00
W50THST__13_KV_LOAD 356117	18.02 0.99 0.00	16.21 0.87 0.00	13.89 0.68 0.00	14.05 0.72 0.00	14.30 0.75 0.00	18.46 1.00 0.00	27.30 1.50 0.00	29.26 1.91 -0.54	26.90 2.01 0.00	22.59 1.81 0.00	21.15 1.74 0.00	19.40 1.63 0.00	16.80 1.46 0.00	18.31 1.57 0.00	18.64 1.66 0.00	21.60 1.86 -2.28	26.66 2.18 -4.59	34.26 2.42 -7.98	54.29 2.20 -27.07	29.88 2.29 0.00	29.74 2.19 0.00	28.57 2.08 0.00	25.41 1.72 0.00	26.04 1.31 0.00
WADING RIVER_IC_1 23522	18.59 1.55 0.00	16.68 1.34 0.00	14.24 1.03 0.00	14.37 1.04 0.00	14.65 1.10 0.00	18.99 1.53 0.00	28.41 2.61 0.00	30.36 3.00 -0.54	27.81 2.92 0.00	23.22 2.44 0.00	21.71 2.29 0.00	19.91 2.13 0.00	17.16 1.82 0.00	18.82 2.08 0.00	19.10 2.11 0.00	38.53 2.40 -18.65	33.36 2.84 -10.64	35.54 3.32 -8.37	55.23 3.13 -27.08	33.30 3.47 -2.24	37.60 3.36 -6.69	30.74 3.25 -1.00	26.38 2.68 0.00	26.75 2.02 0.00
WADING RIVER_IC_2 23547	18.59 1.55 0.00	16.68 1.34 0.00	14.24 1.03 0.00	14.37 1.04 0.00	14.65 1.10 0.00	18.99 1.53 0.00	28.41 2.61 0.00	30.36 3.00 -0.54	27.81 2.92 0.00	23.22 2.44 0.00	21.71 2.29 0.00	19.91 2.13 0.00	17.16 1.82 0.00	18.82 2.08 0.00	19.10 2.11 0.00	38.53 2.40 -18.65	33.36 2.84 -10.64	35.54 3.32 -8.37	55.23 3.13 -27.08	33.30 3.47 -2.24	37.60 3.36 -6.69	30.74 3.25 -1.00	26.38 2.68 0.00	26.75 2.02 0.00
WADING RIVER_IC_3 23601	18.59 1.55 0.00	16.68 1.34 0.00	14.24 1.03 0.00	14.37 1.04 0.00	14.65 1.10 0.00	18.99 1.53 0.00	28.41 2.61 0.00	30.36 3.00 -0.54	27.81 2.92 0.00	23.22 2.44 0.00	21.71 2.29 0.00	19.91 2.13 0.00	17.16 1.82 0.00	18.82 2.08 0.00	19.10 2.11 0.00	38.53 2.40 -18.65	33.36 2.84 -10.64	35.54 3.32 -8.37	55.23 3.13 -27.08	33.30 3.47 -2.24	37.60 3.36 -6.69	30.74 3.25 -1.00	26.38 2.68 0.00	26.75 2.02 0.00
WALDENNY_12_KV_BK2 80841	17.52 0.48 0.00	15.66 0.33 0.00	13.48 0.27 0.00	13.56 0.23 0.00	13.71 0.17 0.00	17.85 0.39 0.00	26.52 0.71 0.00	27.40 0.51 -0.07	25.41 0.52 0.00	21.28 0.50 0.00	19.60 0.18 0.00	17.98 0.21 0.00	15.33 -0.01 0.00	16.72 -0.02 0.00	16.81 -0.17 0.00	17.59 -0.13 -0.24	20.00 -0.27 -0.38	24.61 -0.35 -1.11	29.16 -0.37 -4.51	27.30 -0.29 0.00	27.36 -0.18 0.00	26.54 0.05 0.00	24.54 0.85 0.00	25.71 0.98 0.00
WALDEN__HYDRO 24148	17.89 0.85 0.00	16.08 0.74 0.00	13.77 0.56 0.00	13.94 0.61 0.00	14.18 0.64 0.00	18.31 0.85 0.00	27.10 1.29 0.00	29.00 1.66 -0.53	26.51 1.61 0.00	22.12 1.34 0.00	20.67 1.25 0.00	18.94 1.16 0.00	16.37 1.04 0.00	17.86 1.13 0.00	18.19 1.20 0.00	21.07 1.39 -2.22	26.02 1.66 -4.48	33.60 1.97 -7.78	53.29 1.90 -26.38	29.58 1.99 0.00	29.45 1.91 0.00	28.24 1.75 0.00	25.10 1.41 0.00	25.78 1.06 0.00
WARRENSBURG____ 23737	18.11 1.07 0.00	16.33 0.99 0.00	14.02 0.81 0.00	14.13 0.80 0.00	14.42 0.88 0.00	18.71 1.25 0.00	27.76 1.96 0.00	29.83 2.35 -0.67	26.91 2.02 0.00	22.30 1.51 0.00	20.70 1.28 0.00	18.86 1.08 0.00	16.23 0.90 0.00	17.55 0.81 0.00	17.87 0.89 0.00	21.33 1.03 -2.84	26.75 1.14 -5.72	35.34 1.53 -9.95	60.32 1.55 -33.76	29.06 1.47 0.00	29.09 1.55 0.00	27.89 1.39 0.00	25.22 1.52 0.00	26.23 1.51 0.00
WATERSIDE____6 8 9 23538	17.91 0.87 0.00	16.11 0.77 0.00	13.80 0.59 0.00	13.97 0.64 0.00	14.21 0.66 0.00	18.33 0.88 0.00	27.11 1.30 0.00	29.07 1.71 -0.54	26.71 1.81 -0.01	22.41 1.62 -0.01	23.47 1.55 -2.51	64.89 1.45 -45.66	20.84 1.31 -4.20	24.03 1.40 -5.89	52.09 1.49 -33.62	43.15 1.69 -23.98	33.41 1.99 -11.53	35.15 2.22 -9.07	54.09 2.00 -27.07	29.68 2.09 0.00	29.55 2.01 0.00	28.39 1.90 0.00	25.25 1.56 0.00	25.88 1.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.07 0.03 0.00	15.39 0.05 0.00	13.26 0.04 0.00	13.37 0.04 0.00	13.59 0.05 0.00	17.55 0.10 0.00	25.88 0.07 0.00	27.05 0.24 0.00	25.03 0.13 0.00	20.82 0.04 0.00	19.43 0.01 0.00	17.76 -0.02 0.00	15.31 -0.02 0.00	16.71 -0.03 0.00	16.99 0.00 0.00	17.53 0.06 0.00	20.00 0.11 0.00	24.08 0.22 0.00	25.27 0.26 0.00	27.82 0.23 0.00	27.79 0.24 0.00	26.71 0.22 0.00	23.83 0.13 0.00	24.68 -0.05 0.00
WATSON__69_KV_BK 1 55734	18.61 1.58 0.00	16.69 1.35 0.00	14.26 1.05 0.00	14.39 1.06 0.00	14.66 1.12 0.00	19.02 1.56 0.00	28.34 2.53 0.00	30.24 2.89 -0.54	27.72 2.83 0.00	23.16 2.37 0.00	21.66 2.24 0.00	19.87 2.09 0.00	17.16 1.82 0.00	18.78 2.04 0.00	19.08 2.10 0.00	38.50 2.38 -18.65	33.38 2.86 -10.64	35.50 3.28 -8.36	55.17 3.08 -27.08	33.22 3.40 -2.23	37.56 3.33 -6.69	30.66 3.17 -0.99	26.28 2.58 0.00	26.83 2.10 0.00
WDELAWARE__HYD 323627	17.55 0.51 0.00	15.77 0.43 0.00	13.52 0.31 0.00	13.66 0.33 0.00	13.89 0.35 0.00	17.95 0.49 0.00	26.57 0.76 0.00	28.30 1.04 -0.45	25.91 1.02 0.00	21.62 0.84 0.00	20.17 0.75 0.00	18.49 0.72 0.00	15.58 0.25 0.00	17.01 0.27 0.00	17.32 0.34 0.00	19.84 0.48 -1.89	24.34 0.64 -3.81	31.24 0.76 -6.63	48.29 0.80 -22.47	28.58 0.98 0.00	29.04 1.50 0.00	27.86 1.36 0.00	24.77 1.07 0.00	25.44 0.71 0.00



WEST BABYLON___IC 23714	18.52 1.48 0.00	16.61 1.27 0.00	14.19 0.98 0.00	14.32 0.99 0.00	14.59 1.05 0.00	18.92 1.46 0.00	28.18 2.37 0.00	30.07 2.71 -0.54	27.57 2.67 0.00	23.03 2.25 0.00	21.55 2.13 0.00	19.77 1.99 0.00	17.07 1.74 0.00	18.68 1.94 0.00	18.98 2.00 0.00	38.38 2.26 -18.65	33.24 2.72 -10.64	35.34 3.12 -8.36	55.01 2.92 -27.08	33.03 3.20 -2.23	37.37 3.13 -6.69	30.48 2.99 -0.99	26.13 2.44 0.00	26.70 1.98 0.00
WEST CANADA___HYD 24049	17.07 0.03 0.00	15.37 0.03 0.00	13.24 0.02 0.00	13.36 0.03 0.00	13.58 0.04 0.00	17.51 0.05 0.00	25.87 0.06 0.00	26.92 0.11 0.00	24.99 0.10 0.00	20.86 0.08 0.00	19.48 0.06 0.00	17.83 0.05 0.00	15.39 0.05 0.00	16.79 0.05 0.00	17.03 0.05 0.00	17.53 0.06 0.00	19.96 0.08 0.00	23.95 0.09 0.00	25.11 0.10 0.00	27.69 0.10 0.00	27.63 0.08 0.00	26.58 0.09 0.00	23.76 0.07 0.00	24.74 0.01 0.00
WESTERN_NY_WIND 24143	17.34 0.59 0.29	15.64 0.42 0.12	13.43 0.31 0.09	13.48 0.28 0.14	13.57 0.24 0.20	17.79 0.51 0.18	25.84 0.90 0.87	27.63 0.75 -0.07	25.54 0.65 0.00	21.29 0.51 0.00	19.60 0.18 0.00	17.95 0.17 0.00	15.34 0.00 0.00	16.68 -0.06 0.00	16.78 -0.20 0.00	17.51 -0.20 -0.25	19.96 -0.36 -0.43	24.49 -0.39 -1.03	28.73 -0.31 -4.03	27.46 -0.13 0.00	27.34 -0.07 0.13	26.20 0.11 0.40	23.15 0.81 1.35	24.91 0.94 0.77
WESTOVER___LESR 323668	17.39 0.35 0.00	15.61 0.27 0.00	13.49 0.28 0.00	13.59 0.26 0.00	13.77 0.23 0.00	17.82 0.36 0.00	26.44 0.63 0.00	27.73 0.75 -0.17	25.58 0.69 0.00	21.32 0.54 0.00	19.81 0.40 0.00	18.15 0.37 0.00	15.64 0.30 0.00	17.06 0.32 0.00	17.28 0.30 0.00	18.53 0.35 -0.71	21.82 0.49 -1.45	26.97 0.57 -2.55	34.10 0.55 -8.53	28.17 0.58 0.00	28.21 0.67 0.00	27.16 0.66 0.00	24.38 0.68 0.00	25.33 0.60 0.00
WETHRSFD_WT_PWR 323626	17.19 0.31 0.15	15.49 0.21 0.06	13.38 0.21 0.05	13.46 0.20 0.07	13.58 0.14 0.10	17.71 0.35 0.09	26.19 0.68 0.30	27.81 0.49 -0.50	25.37 0.45 -0.03	21.52 0.38 -0.36	19.45 0.04 0.00	17.80 0.02 0.00	15.16 -0.17 0.00	16.55 -0.19 0.00	16.66 -0.32 0.00	17.48 -0.27 -0.28	20.11 -0.26 -0.49	24.82 -0.29 -1.26	29.79 -0.30 -5.08	27.30 -0.29 0.00	27.37 -0.11 0.07	26.41 0.13 0.21	23.72 0.74 0.71	25.14 0.81 0.40
WHAVSTOR_138KV_BK127 55557	17.79 0.75 0.00	15.98 0.64 0.00	13.68 0.47 0.00	13.87 0.54 0.00	14.12 0.57 0.00	18.22 0.76 0.00	26.92 1.11 0.00	28.79 1.45 -0.52	26.38 1.48 0.00	22.09 1.31 0.00	20.67 1.25 0.00	18.95 1.17 0.00	16.39 1.06 0.00	17.88 1.14 0.00	18.21 1.23 0.00	21.08 1.42 -2.20	25.99 1.67 -4.43	33.47 1.92 -7.70	52.89 1.75 -26.13	29.36 1.77 0.00	29.23 1.69 0.00	28.06 1.56 0.00	24.95 1.25 0.00	25.64 0.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.79 0.75 0.00	15.98 0.64 0.00	13.68 0.47 0.00	13.87 0.54 0.00	14.12 0.57 0.00	18.22 0.76 0.00	26.92 1.11 0.00	28.79 1.45 -0.52	26.38 1.48 0.00	22.09 1.31 0.00	20.67 1.25 0.00	18.95 1.17 0.00	16.39 1.06 0.00	17.88 1.14 0.00	18.21 1.23 0.00	21.08 1.42 -2.20	25.99 1.67 -4.43	33.47 1.92 -7.70	52.89 1.75 -26.13	29.36 1.77 0.00	29.23 1.69 0.00	28.06 1.56 0.00	24.95 1.25 0.00	25.64 0.91 0.00
WHITEHAL_115KV_TB1 80871	18.22 1.19 0.00	16.57 1.23 0.00	14.20 0.99 0.00	14.24 0.91 0.00	14.59 1.05 0.00	19.14 1.68 0.00	28.47 2.66 0.00	30.79 3.30 -0.67	27.67 2.78 0.00	22.69 1.91 0.00	20.93 1.52 0.00	19.12 1.34 0.00	16.55 1.22 0.00	18.03 1.29 0.00	18.45 1.46 0.00	21.98 1.67 -2.84	27.58 1.97 -5.72	36.37 2.58 -9.94	61.40 2.66 -33.73	30.15 2.56 0.00	29.94 2.40 0.00	28.60 2.11 0.00	25.54 1.85 0.00	26.44 1.72 0.00
WHITEPLN_13_KV_LOAD 356215	18.02 0.98 0.00	16.19 0.85 0.00	13.85 0.64 0.00	14.02 0.69 0.00	14.26 0.72 0.00	18.41 0.96 0.00	27.18 1.38 0.00	29.10 1.74 -0.54	26.67 1.77 0.00	22.34 1.55 0.00	20.90 1.48 0.00	19.16 1.38 0.00	16.57 1.24 0.00	18.08 1.34 0.00	18.41 1.42 0.00	21.36 1.62 -2.27	26.39 1.92 -4.58	34.01 2.20 -7.96	54.07 2.04 -27.01	29.71 2.12 0.00	29.58 2.04 0.00	28.38 1.89 0.00	25.24 1.55 0.00	25.96 1.24 0.00
WM_FLOYD_69_KV_BK2 356380	18.57 1.54 0.00	16.67 1.32 0.00	14.23 1.02 0.00	14.36 1.03 0.00	14.63 1.09 0.00	18.98 1.52 0.00	28.34 2.53 0.00	30.25 2.90 -0.54	27.71 2.82 0.00	23.13 2.35 0.00	21.62 2.20 0.00	19.82 2.05 0.00	17.11 1.77 0.00	18.73 1.99 0.00	19.01 2.03 -18.65	38.43 2.31 -10.64	33.28 2.76 -8.36	35.45 3.24 -27.08	55.14 3.05 -2.23	33.19 3.36 -2.23	37.51 3.27 -6.69	30.65 3.17 -0.99	26.29 2.60 0.00	26.73 2.01 0.00
WOODARD__115KV_TB2 355635	17.04 0.00 0.00	15.31 -0.03 0.00	13.19 -0.02 0.00	13.30 -0.03 0.00	13.51 -0.03 0.00	17.48 0.02 0.00	25.89 0.09 0.00	26.93 0.07 -0.05	24.92 0.02 0.00	20.78 -0.01 0.00	19.33 -0.08 0.00	17.73 -0.05 0.00	15.25 -0.09 0.00	16.61 -0.13 0.00	16.79 -0.19 0.00	17.50 -0.19 -0.22	20.22 -0.13 -0.47	24.57 -0.13 -0.85	27.86 -0.17 -3.01	27.41 -0.17 0.00	27.37 -0.17 0.00	26.33 -0.16 0.00	23.76 0.07 0.00	24.93 0.20 0.00
YORK___WARBASSE 23770	17.96 0.92 0.00	16.15 0.82 0.00	13.83 0.62 0.00	13.99 0.66 0.00	14.23 0.69 0.00	18.37 0.92 0.00	27.16 1.35 0.00	29.15 1.79 -0.54	26.76 1.86 -0.01	22.46 1.67 -0.01	24.12 1.59 -3.12	76.08 1.50 -56.81	21.90 1.34 -5.22	25.51 1.44 -7.33	60.35 1.54 -41.83	48.50 1.74 -29.29	35.17 2.06 -13.23	35.47 2.28 -9.34	54.14 2.05 -27.07	29.79 2.20 0.00	29.70 2.15 0.00	28.53 2.03 0.00	25.37 1.67 0.00	25.99 1.26 0.00