

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/02/2023

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	19.02	16.83	18.74	18.55	17.09	16.05	22.67	22.17	41.47	17.43	24.86	20.74	23.15	22.25	23.08	30.51	37.27	40.32	35.39	32.45	32.86	21.27	17.57	16.96
24138	1.00	0.84	0.90	0.83	0.85	0.93	1.56	1.63	0.33	1.41	1.68	1.79	1.79	1.84	2.02	2.63	3.25	3.66	3.16	2.77	2.57	1.71	1.33	1.14
	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.36	-0.19	-5.94	-0.77	-3.36	-2.26	-1.23	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.04	16.84	18.74	18.56	17.10	16.05	22.66	22.16	41.47	17.39	24.80	20.68	23.09	22.27	23.02	30.43	37.16	40.22	35.34	32.44	32.86	21.25	17.54	16.94
24260	1.01	0.86	0.91	0.85	0.86	0.93	1.55	1.62	0.33	1.37	1.62	1.73	1.72	1.78	1.97	2.54	3.14	3.56	3.12	2.76	2.56	1.69	1.30	1.12
	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.35	-0.19	-5.94	-0.77	-3.37	-2.33	-1.23	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.04	16.84	18.74	18.56	17.10	16.05	22.66	22.16	41.47	17.39	24.80	20.68	23.09	22.27	23.02	30.43	37.16	40.22	35.34	32.44	32.86	21.25	17.54	16.94
24261	1.01	0.86	0.91	0.85	0.86	0.93	1.55	1.62	0.33	1.37	1.62	1.73	1.72	1.78	1.97	2.54	3.14	3.56	3.12	2.76	2.56	1.69	1.30	1.12
	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-39.35	-0.19	-5.94	-0.77	-3.37	-2.33	-1.23	-1.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	18.48	16.60	18.52	18.33	16.85	15.82	22.34	21.79	16.61	16.70	20.24	19.20	17.38	18.82	20.97	27.01	35.56	38.71	34.48	31.65	31.98	20.61	17.05	16.42
24011	0.64	0.62	0.69	0.62	0.62	0.70	1.23	1.25	0.20	0.79	0.80	0.74	0.63	0.66	0.80	1.17	1.53	2.05	2.26	1.96	1.68	1.05	0.81	0.60
	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.62	-0.07	-2.21	-0.29	1.24	0.00	-0.34	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	18.48	16.63	18.55	18.35	16.87	15.88	22.48	21.92	16.62	16.74	20.27	19.21	17.40	18.82	21.02	27.10	35.75	38.93	34.70	31.80	32.01	20.64	17.10	16.44
23798	0.64	0.64	0.72	0.63	0.64	0.76	1.36	1.38	0.24	0.83	0.82	0.75	0.63	0.66	0.85	1.25	1.72	2.27	2.48	2.11	1.72	1.08	0.86	0.62
	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.60	-0.07	-2.21	-0.29	1.22	0.00	-0.34	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	18.48	16.60	18.52	18.33	16.85	15.82	22.34	21.79	16.61	16.70	20.24	19.20	17.38	18.82	20.97	27.01	35.56	38.71	34.48	31.65	31.98	20.61	17.05	16.42
24028	0.64	0.62	0.69	0.62	0.62	0.70	1.23	1.25	0.20	0.79	0.80	0.74	0.63	0.66	0.80	1.17	1.53	2.05	2.26	1.96	1.68	1.05	0.81	0.60
	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.62	-0.07	-2.21	-0.29	1.24	0.00	-0.34	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	18.42	16.64	18.56	18.37	16.88	15.72	22.10	21.56	18.27	16.57	20.35	19.07	15.57	18.69	20.75	25.88	35.09	38.11	33.94	31.24	31.76	20.52	16.99	16.36
23527	0.66	0.65	0.72	0.65	0.65	0.60	0.98	1.02	0.20	0.66	0.66	0.58	0.53	0.53	0.63	0.98	1.06	1.45	1.71	1.55	1.47	0.95	0.75	0.54
	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-16.29	-0.08	-2.46	-0.32	2.96	0.00	-0.29	1.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	18.08	16.20	18.10	17.95	16.48	15.25	21.38	20.84	16.77	16.09	19.70	18.66	17.23	18.36	20.44	26.32	34.39	37.28	32.96	30.31	30.78	19.87	16.45	15.94
24190	0.22	0.21	0.27	0.23	0.24	0.13	0.26	0.31	0.06	0.18	0.21	0.19	0.19	0.20	0.25	0.33	0.37	0.61	0.74	0.63	0.49	0.30	0.21	0.12
	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.93	-0.07	-2.25	-0.29	0.96	0.00	-0.37	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	17.81	15.86	17.68	17.59	16.06	14.94	20.83	20.31	1.75	15.68	17.03	17.96	17.76	17.88	19.49	26.24	33.55	35.79	31.37	28.97	29.73	19.26	16.01	15.51
355683	-0.13	-0.12	-0.15	-0.12	-0.18	-0.17	-0.28	-0.22	-0.03	-0.16	-0.21	-0.22	-0.24	-0.27	-0.34	-0.42	-0.47	-0.87	-0.85	-0.72	-0.56	-0.31	-0.23	-0.31
	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	18.08	16.20	18.10	17.95	16.48	15.25	21.38	20.84	16.77	16.09	19.70	18.66	17.23	18.36	20.44	26.32	34.39	37.28	32.96	30.31	30.78	19.87	16.45	15.94
23571	0.22	0.21	0.27	0.23	0.24	0.13	0.26	0.31	0.06	0.18	0.21	0.19	0.19	0.20	0.25	0.33	0.37	0.61	0.74	0.63	0.49	0.30	0.21	0.12
	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.93	-0.07	-2.25	-0.29	0.96	0.00	-0.37	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	18.08	16.20	18.10	17.95	16.48	15.25	21.38	20.84	16.77	16.09	19.70	18.66	17.23	18.36	20.44	26.32	34.39	37.28	32.96	30.31	30.78	19.87	16.45	15.94
23572	0.22	0.21	0.27	0.23	0.24	0.13	0.26	0.31	0.06	0.18	0.21	0.19	0.19	0.20	0.25	0.33	0.37	0.61	0.74	0.63	0.49	0.30	0.21	0.12
	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.93	-0.07	-2.25	-0.29	0.96	0.00	-0.37	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	18.08	16.20	18.10	17.95	16.48	15.25	21.38	20.84	16.77	16.09	19.70	18.66	17.23	18.36	20.44	26.32	34.39	37.28	32.96	30.31	30.78	19.87	16.45	15.94
23573	0.22	0.21	0.27	0.23	0.24	0.13	0.26	0.31	0.06	0.18	0.21	0.19	0.19	0.20	0.25	0.33	0.37	0.61	0.74	0.63	0.49	0.30	0.21	0.12
	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.93	-0.07	-2.25	-0.29	0.96	0.00	-0.37	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	18.08 0.22 0.08	16.20 0.21 0.00	18.10 0.27 0.00	17.95 0.23 0.00	16.48 0.24 0.00	15.25 0.13 0.00	21.38 0.26 0.00	20.84 0.31 0.00	16.77 0.06 -14.93	16.09 0.18 -0.07	19.70 0.21 -2.25	18.66 0.19 -0.29	17.23 0.19 0.96	18.36 0.20 0.00	20.44 0.25 -0.37	26.32 0.33 0.67	34.39 0.37 0.00	37.28 0.61 0.00	32.96 0.74 0.00	30.31 0.63 0.00	30.78 0.49 0.00	19.87 0.30 0.00	16.45 0.21 0.00	15.94 0.12 0.00
ALBANY___LFGE 323615	18.23 0.37 0.08	16.33 0.35 0.00	18.25 0.42 0.00	18.10 0.38 0.00	16.61 0.38 0.00	15.40 0.28 0.00	21.61 0.50 0.00	21.07 0.53 0.00	16.79 0.07 -14.94	16.28 0.37 -0.07	19.90 0.41 -2.25	18.88 0.41 -0.29	17.33 0.40 1.08	18.58 0.42 0.00	20.67 0.48 -0.36	26.60 0.67 0.74	34.83 0.81 0.00	37.78 1.12 0.00	33.40 1.17 0.00	30.70 1.01 0.00	31.15 0.85 0.00	20.10 0.53 0.00	16.63 0.39 0.00	16.11 0.29 0.00
ALCOA_PA_115KV_PL-6C 55860	17.92 -0.02 0.00	15.96 -0.02 0.00	17.79 -0.04 0.00	17.70 -0.02 0.00	16.16 -0.08 0.00	15.04 -0.08 0.00	20.98 -0.13 0.00	20.46 -0.08 0.00	1.78 0.00 0.00	15.77 -0.06 0.00	17.13 -0.11 0.00	18.06 -0.12 0.00	17.86 -0.14 0.00	17.98 -0.17 0.00	19.60 -0.22 0.00	26.39 -0.27 0.00	33.73 -0.29 0.00	35.95 -0.71 0.00	31.56 -0.67 0.00	29.13 -0.56 0.00	29.89 -0.41 0.00	19.37 -0.19 0.00	16.12 -0.12 0.00	15.60 -0.21 0.00
ALCOA_RYNLDS___DRP 24188	17.92 -0.02 0.00	15.96 -0.02 0.00	17.79 -0.04 0.00	17.70 -0.02 0.00	16.16 -0.08 0.00	15.04 -0.08 0.00	20.98 -0.13 0.00	20.46 -0.08 0.00	1.78 0.00 0.00	15.77 -0.06 0.00	17.13 -0.11 0.00	18.06 -0.12 0.00	17.86 -0.14 0.00	17.98 -0.17 0.00	19.60 -0.22 0.00	26.39 -0.27 0.00	33.73 -0.29 0.00	35.95 -0.71 0.00	31.56 -0.67 0.00	29.13 -0.56 0.00	29.89 -0.41 0.00	19.37 -0.19 0.00	16.12 -0.12 0.00	15.60 -0.21 0.00
ALCOA___DSASP 323711	17.92 -0.02 0.00	15.96 -0.02 0.00	17.79 -0.04 0.00	17.70 -0.02 0.00	16.16 -0.08 0.00	15.04 -0.08 0.00	20.98 -0.13 0.00	20.46 -0.08 0.00	1.78 0.00 0.00	15.77 -0.06 0.00	17.13 -0.11 0.00	18.06 -0.12 0.00	17.86 -0.14 0.00	17.98 -0.17 0.00	19.60 -0.22 0.00	26.39 -0.27 0.00	33.73 -0.30 0.00	35.95 -0.71 0.00	31.56 -0.67 0.00	29.13 -0.56 0.00	29.89 -0.41 0.00	19.37 -0.19 0.00	16.12 -0.12 0.00	15.60 -0.21 0.00
ALLEGHENY___COGEN 23514	18.71 0.78 0.00	16.71 0.72 0.00	18.59 0.75 0.00	18.37 0.65 0.00	16.92 0.69 0.00	15.79 0.67 0.00	22.41 1.29 0.00	21.74 1.20 0.00	1.58 -0.20 0.00	16.57 0.73 0.00	17.84 0.60 0.00	18.85 0.68 0.00	18.65 0.65 0.00	18.59 0.44 0.00	20.11 0.28 0.00	27.06 0.40 0.00	34.74 0.71 0.00	37.95 1.29 0.00	33.82 1.60 0.00	31.32 1.63 0.00	31.58 1.28 0.00	20.23 0.67 0.00	17.09 0.85 0.00	17.11 1.29 0.00
ALTAMONT_115KV_TB 2 55880	18.28 0.40 0.05	16.35 0.37 0.00	18.27 0.44 0.00	18.12 0.41 0.00	16.64 0.40 0.00	15.49 0.37 0.00	21.71 0.59 0.00	21.16 0.62 0.00	16.45 0.11 -14.57	16.34 0.44 -0.07	19.93 0.49 -2.20	18.95 0.49 -0.29	17.94 0.47 0.54	18.64 0.49 0.00	20.76 0.55 -0.38	26.95 0.73 0.44	34.92 0.90 0.00	37.83 1.17 0.00	33.43 1.20 0.00	30.75 1.06 0.00	31.24 0.94 0.00	20.17 0.60 0.00	16.70 0.46 0.00	16.19 0.37 0.00
ALTONA_WT_PWR 323606	18.29 0.35 0.00	16.27 0.29 0.00	18.14 0.31 0.00	18.01 0.30 0.00	16.53 0.29 0.00	15.39 0.27 0.00	21.67 0.55 0.00	21.14 0.60 0.00	1.86 0.08 0.00	16.24 0.40 0.00	17.58 0.35 0.00	18.45 0.27 0.00	18.25 0.25 0.00	18.48 0.32 0.00	20.23 0.40 0.00	27.25 0.59 0.00	34.90 0.88 0.00	37.36 0.70 0.00	32.85 0.62 0.00	30.19 0.50 0.00	30.43 0.14 0.00	19.45 -0.11 0.00	16.10 -0.14 0.00	15.29 -0.53 0.00
AMERICAN_REF_FUEL 24010	17.76 -0.18 0.00	15.92 -0.06 0.00	17.73 -0.10 0.00	17.49 -0.23 0.00	16.11 -0.12 0.00	14.93 -0.19 0.00	21.04 -0.07 0.00	20.09 -0.45 0.00	1.22 -0.56 0.00	15.76 -0.07 0.00	17.14 -0.10 0.00	18.22 0.04 0.00	18.17 0.17 0.00	18.34 0.19 0.00	20.19 0.36 0.00	26.91 0.25 0.00	34.38 0.36 0.00	37.68 1.02 0.00	32.60 0.38 0.00	29.73 0.04 0.00	29.84 -0.45 0.00	19.33 -0.24 0.00	16.15 -0.09 0.00	16.35 0.53 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.56 0.62 0.00	16.58 0.60 0.00	18.42 0.59 0.00	18.20 0.48 0.00	16.79 0.56 0.00	15.60 0.48 0.00	22.21 1.10 0.00	21.36 0.82 0.00	1.38 -0.41 0.00	16.66 0.82 0.00	18.24 1.01 0.00	19.34 1.17 0.00	19.28 1.28 0.00	19.48 1.32 0.00	21.40 1.58 0.00	28.63 1.97 0.00	36.71 2.68 0.00	40.11 3.45 0.00	34.62 2.40 0.00	31.58 1.89 0.00	31.70 1.40 0.00	20.40 0.83 0.00	16.97 0.73 0.00	17.00 1.18 0.00
ARTHUR_KILL_GT_1 23520	18.89 0.87 -0.08	16.72 0.73 0.00	18.62 0.79 0.00	18.43 0.72 0.00	16.98 0.74 0.00	15.94 0.83 0.00	22.54 1.42 -0.01	22.01 1.47 0.00	41.48 0.34 -39.35	17.32 1.29 -0.19	24.21 1.44 -5.53	19.18 1.49 0.48	21.82 1.49 -2.33	22.04 1.55 -2.34	22.79 1.72 -1.24	28.43 2.30 0.53	28.32 2.86 8.56	31.98 3.18 7.86	32.25 2.79 2.77	31.44 2.48 0.72	32.56 2.27 0.01	21.28 1.70 -0.01	17.58 1.33 0.00	16.98 1.16 0.00
ARTHUR_KILL_2 23512	18.85 0.83 -0.08	16.67 0.69 0.00	18.58 0.74 0.00	18.39 0.67 0.00	16.94 0.70 0.00	15.90 0.78 0.00	22.47 1.36 -0.01	21.94 1.41 0.00	41.48 0.35 -39.35	17.28 1.25 -0.19	24.16 1.40 -5.53	19.14 1.44 0.48	21.77 1.44 -2.33	21.98 1.49 -2.34	22.73 1.67 -1.24	28.34 2.21 0.53	28.20 2.73 8.56	31.85 3.05 7.86	32.14 2.68 2.77	31.34 2.37 0.72	32.46 2.17 0.01	21.22 1.64 -0.01	17.53 1.29 0.00	16.94 1.12 0.00
ARTHUR_KILL_3 23513	18.85 0.83 -0.08	16.68 0.69 0.00	18.55 0.72 0.00	18.36 0.64 0.00	16.92 0.68 0.00	15.88 0.76 0.00	22.42 1.31 0.00	21.90 1.36 0.00	41.48 0.34 -39.36	17.18 1.16 -0.19	24.17 1.41 -5.52	19.21 1.52 0.48	21.83 1.51 -2.32	22.03 1.58 -2.30	22.79 1.74 -1.23	29.65 2.20 -0.79	34.58 2.67 2.11	37.78 3.06 1.94	34.25 2.71 0.68	31.89 2.38 0.18	32.51 2.21 0.00	21.06 1.49 0.00	17.40 1.16 0.00	16.81 0.99 0.00
ARTHUR_KILL_COGEN 323718	18.89 0.87 -0.08	16.72 0.73 0.00	18.62 0.79 0.00	18.43 0.72 0.00	16.98 0.74 0.00	15.94 0.83 0.00	22.54 1.42 -0.01	22.01 1.47 0.00	41.48 0.34 -39.35	17.32 1.29 -0.19	24.21 1.44 -5.53	19.18 1.49 0.48	21.82 1.49 -2.33	22.04 1.55 -2.34	22.79 1.72 -1.24	28.43 2.30 0.53	28.32 2.86 8.56	31.98 3.18 7.86	32.25 2.79 2.77	31.44 2.48 0.72	32.56 2.27 0.01	21.28 1.70 -0.01	17.58 1.33 0.00	16.98 1.16 0.00
ASHOKAN____ 23654	18.48 0.54 0.00	16.42 0.43 0.00	18.33 0.50 0.00	18.18 0.46 0.00	16.70 0.46 0.00	15.57 0.45 0.00	22.02 0.90 0.00	21.58 1.04 0.00	11.39 0.13 -9.48	16.53 0.65 -0.05	19.40 0.74 -1.43	19.03 0.66 -0.19	18.85 0.65 -0.21	18.68 0.52 0.00	20.81 0.65 -0.33	27.66 1.06 0.07	35.38 1.36 0.00	38.52 1.85 0.00	34.32 2.09 0.00	31.63 1.94 0.00	32.03 1.74 0.00	20.60 1.04 0.00	17.00 0.76 0.00	16.42 0.60 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.79 0.00	22.48 1.36 -0.01	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.18	24.60 1.41 -5.95	20.45 1.50 -0.78	22.85 1.48 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.05 2.17 -1.22	36.69 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.59 2.30 0.01	20.99 1.42 0.00	17.32 1.08 0.00	16.73 0.91 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.82 0.80 -0.08	16.67 0.69 0.00	18.58 0.75 0.00	18.38 0.67 0.00	16.95 0.71 0.00	15.91 0.79 0.00	22.48 1.36 -0.01	21.96 1.42 0.00	41.48 0.35 -39.35	17.21 1.20 -0.18	24.59 1.41 -5.95	20.44 1.49 -0.78	22.85 1.48 -3.37	22.04 1.57 -2.32	22.76 1.71 -1.22	30.04 2.16 -1.22	36.67 2.64 0.00	39.69 3.03 0.00	34.96 2.74 0.01	32.16 2.48 0.01	32.57 2.28 0.01	20.99 1.42 0.00	17.32 1.08 0.00	16.73 0.91 0.00
ASTORIA_GT2_1 24094	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT2_2 24095	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT2_3 24096	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT2_4 24097	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT3_1 24098	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT3_2 24099	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT3_3 24100	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT3_4 24101	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT4_1 24102	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT4_2 24103	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT4_3 24104	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT4_4 24105	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.80 0.00	22.48 1.37 0.00	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.17	24.59 1.41 -5.94	20.45 1.50 -0.78	22.84 1.47 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.04 2.16 -1.22	36.68 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.58 2.30 0.01	20.99 1.43 0.00	17.32 1.08 0.00	16.74 0.92 0.00
ASTORIA_GT_1 23523	18.86 0.84 -0.08	16.71 0.72 0.00	18.62 0.78 0.00	18.42 0.70 0.00	16.98 0.74 0.00	15.94 0.82 0.00	22.52 1.41 -0.01	22.01 1.48 0.00	41.49 0.36 -39.35	17.24 1.23 -0.18	24.63 1.45 -5.95	20.49 1.53 -0.78	22.89 1.52 -3.37	22.09 1.62 -2.32	22.82 1.77 -1.22	30.12 2.23 -1.22	36.78 2.75 0.00	39.81 3.14 0.00	35.06 2.84 0.01	32.24 2.56 0.01	32.66 2.37 0.01	21.04 1.47 0.00	17.36 1.12 0.00	16.77 0.95 0.00

ASTORIA_GT_10 24110	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.49 0.00	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.30 -0.19	26.01 1.55 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.40 2.39 -2.35	36.96 2.93 0.00	39.95 3.29 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.39 2.44 -0.66	21.18 1.61 0.00	17.48 1.24 0.00	16.89 1.06 0.00
ASTORIA_GT_11 24225	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.49 0.00	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.30 -0.19	26.01 1.55 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.40 2.39 -2.35	36.96 2.93 0.00	39.95 3.29 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.39 2.44 -0.66	21.18 1.61 0.00	17.48 1.24 0.00	16.89 1.06 0.00
ASTORIA_GT_12 24226	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.49 0.00	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.30 -0.19	26.01 1.55 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.40 2.39 -2.35	36.96 2.93 0.00	39.95 3.29 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.39 2.44 -0.66	21.18 1.61 0.00	17.48 1.24 0.00	16.89 1.06 0.00
ASTORIA_GT_13 24227	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.49 0.00	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.30 -0.19	26.01 1.55 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.40 2.39 -2.35	36.96 2.93 0.00	39.95 3.29 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.39 2.44 -0.66	21.18 1.61 0.00	17.48 1.24 0.00	16.89 1.06 0.00
ASTORIA_GT_5 24106	18.86 0.84 -0.08	16.71 0.72 0.00	18.62 0.78 0.00	18.42 0.70 0.00	16.98 0.74 0.00	15.94 0.82 0.00	22.52 1.41 -0.01	22.01 1.48 0.00	41.49 0.36 -39.35	17.24 1.23 -0.18	24.63 1.45 -5.95	20.49 1.53 -0.78	22.89 1.52 -3.37	22.09 1.62 -2.32	22.82 1.77 -1.22	30.12 2.23 -1.22	36.78 2.75 0.00	39.81 3.14 0.00	35.06 2.84 0.01	32.24 2.56 0.01	32.66 2.37 0.01	21.04 1.47 0.00	17.36 1.12 0.00	16.77 0.95 0.00
ASTORIA_GT_7 24107	18.86 0.84 -0.08	16.71 0.72 0.00	18.62 0.78 0.00	18.42 0.70 0.00	16.98 0.74 0.00	15.94 0.82 0.00	22.52 1.41 -0.01	22.01 1.48 0.00	41.49 0.36 -39.35	17.24 1.23 -0.18	24.63 1.45 -5.95	20.49 1.53 -0.78	22.89 1.52 -3.37	22.09 1.62 -2.32	22.82 1.77 -1.22	30.12 2.23 -1.22	36.78 2.75 0.00	39.81 3.14 0.00	35.06 2.84 0.01	32.24 2.56 0.01	32.66 2.37 0.01	21.04 1.47 0.00	17.36 1.12 0.00	16.77 0.95 0.00
ASTORIA_GT_8 24108	18.86 0.84 -0.08	16.71 0.72 0.00	18.62 0.78 0.00	18.42 0.70 0.00	16.98 0.74 0.00	15.94 0.82 0.00	22.52 1.41 0.00	22.01 1.48 0.00	41.50 0.36 -39.35	17.25 1.23 -0.17	24.63 1.45 -5.94	20.49 1.53 -0.78	22.89 1.51 -3.37	22.09 1.62 -2.32	22.82 1.77 -1.22	30.11 2.22 -1.22	36.77 2.75 0.00	39.81 3.14 0.00	35.06 2.84 0.01	32.24 2.56 0.01	32.65 2.36 0.01	21.04 1.47 0.00	17.36 1.12 0.00	16.77 0.94 0.00
ASTORIA___2 24149	18.83 0.81 -0.08	16.68 0.70 0.00	18.59 0.76 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.91 0.79 0.00	22.48 1.36 -0.01	21.96 1.43 0.00	41.49 0.36 -39.35	17.21 1.20 -0.18	24.60 1.41 -5.95	20.45 1.50 -0.78	22.85 1.48 -3.37	22.05 1.57 -2.32	22.77 1.72 -1.22	30.05 2.17 -1.22	36.69 2.66 0.00	39.71 3.04 0.00	34.97 2.76 0.01	32.17 2.49 0.01	32.59 2.30 0.01	21.00 1.43 0.00	17.33 1.09 0.00	16.74 0.92 0.00
ASTORIA___3 23516	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.48 -0.01	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.31 -0.19	26.02 1.55 -7.23	32.17 1.65 -12.35	30.37 1.64 -10.73	30.90 1.69 -11.06	30.69 1.86 -9.00	31.42 2.41 -2.35	36.96 2.93 0.00	39.95 3.28 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.40 2.44 -0.66	21.19 1.62 -0.01	17.49 1.25 0.00	16.89 1.07 0.00
ASTORIA___4 23517	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.49 0.00	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.30 -0.19	26.01 1.55 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.40 2.39 -2.35	36.96 2.93 0.00	39.95 3.29 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.39 2.44 -0.66	21.18 1.61 0.00	17.48 1.24 0.00	16.89 1.06 0.00
ASTORIA___5 23518	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.48 -0.01	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.31 -0.19	26.02 1.55 -7.23	32.17 1.65 -12.35	30.37 1.64 -10.73	30.90 1.69 -11.06	30.69 1.86 -9.00	31.42 2.40 -2.35	36.96 2.93 0.00	39.94 3.28 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.40 2.44 -0.66	21.19 1.62 -0.01	17.49 1.25 0.00	16.89 1.07 0.00
AST_ENERGY_2_CC3 323677	18.88 0.86 -0.08	16.71 0.73 0.00	18.60 0.77 0.00	18.42 0.70 0.00	16.96 0.72 0.00	15.92 0.81 0.00	22.46 1.35 0.00	21.96 1.42 0.00	41.46 0.32 -39.36	17.23 1.21 -0.19	24.64 1.46 -5.94	20.50 1.55 -0.77	22.91 1.55 -3.37	22.05 1.60 -2.30	22.82 1.77 -1.23	30.14 2.26 -1.23	36.80 2.78 0.00	39.82 3.16 0.00	35.00 2.78 0.00	32.13 2.45 0.00	32.55 2.25 0.00	21.08 1.51 0.00	17.41 1.17 0.00	16.81 0.99 0.00
AST_ENERGY_2_CC4 323678	18.88 0.86 -0.08	16.71 0.73 0.00	18.60 0.77 0.00	18.42 0.70 0.00	16.96 0.72 0.00	15.92 0.81 0.00	22.46 1.35 0.00	21.96 1.42 0.00	41.46 0.32 -39.36	17.23 1.21 -0.19	24.64 1.46 -5.94	20.50 1.55 -0.77	22.91 1.55 -3.37	22.05 1.60 -2.30	22.82 1.77 -1.23	30.14 2.26 -1.23	36.80 2.78 0.00	39.82 3.16 0.00	35.00 2.78 0.00	32.13 2.45 0.00	32.55 2.25 0.00	21.08 1.51 0.00	17.41 1.17 0.00	16.81 0.99 0.00
ATHENS_STG_1 23668	18.45 0.49 -0.03	16.41 0.43 0.00	18.33 0.50 0.00	18.18 0.47 0.00	16.70 0.46 0.00	15.58 0.46 0.00	21.85 0.74 0.00	21.29 0.76 0.00	19.69 0.17 -17.74	16.49 0.57 -0.08	20.60 0.68 -2.68	19.23 0.70 -0.35	19.76 0.67 -1.09	18.86 0.70 0.00	21.17 0.79 -0.55	28.08 1.02 -0.39	35.27 1.25 0.00	38.17 1.51 0.00	33.67 1.44 0.00	30.96 1.27 0.00	31.45 1.15 0.00	20.32 0.75 0.00	16.83 0.59 0.00	16.30 0.48 0.00
ATHENS_STG_2 23670	18.45 0.49 -0.03	16.41 0.43 0.00	18.33 0.50 0.00	18.18 0.47 0.00	16.70 0.46 0.00	15.58 0.46 0.00	21.85 0.74 0.00	21.29 0.76 0.00	19.69 0.17 -17.74	16.49 0.57 -0.08	20.60 0.68 -2.68	19.23 0.70 -0.35	19.76 0.67 -1.09	18.86 0.70 0.00	21.17 0.79 -0.55	28.08 1.02 -0.39	35.27 1.25 0.00	38.17 1.51 0.00	33.67 1.44 0.00	30.96 1.27 0.00	31.45 1.15 0.00	20.32 0.75 0.00	16.83 0.59 0.00	16.30 0.48 0.00

ATHENS_STG_3 23677	18.45 0.49 -0.03	16.41 0.43 0.00	18.33 0.50 0.00	18.18 0.47 0.00	16.70 0.46 0.00	15.58 0.46 0.00	21.85 0.74 0.00	21.29 0.76 0.00	19.69 0.17 -17.74	16.49 0.57 -0.08	20.60 0.68 -2.68	19.23 0.70 -0.35	19.76 0.67 -1.09	18.86 0.70 0.00	21.17 0.79 -0.55	28.08 1.02 -0.39	35.27 1.25 0.00	38.17 1.51 0.00	33.67 1.44 0.00	30.96 1.27 0.00	31.45 1.15 0.00	20.32 0.75 0.00	16.83 0.59 0.00	16.30 0.48 0.00
AUBURN____LFGE 323710	18.18 0.24 0.00	16.28 0.29 0.00	18.07 0.23 0.00	17.91 0.20 0.00	16.54 0.30 0.00	15.34 0.22 0.00	21.48 0.37 0.00	20.82 0.28 0.00	1.71 -0.07 0.00	16.02 0.18 0.00	17.43 0.19 0.00	18.40 0.22 0.00	18.26 0.27 0.00	18.43 0.28 0.00	20.15 0.32 0.00	27.11 0.45 0.00	34.65 0.62 0.00	37.65 0.99 0.00	33.12 0.89 0.00	30.54 0.86 0.00	30.89 0.59 0.00	19.96 0.40 0.00	16.57 0.33 0.00	16.19 0.37 0.00
BABYLON_RES_REC 323704	29.61 1.42 -10.25	17.18 1.19 0.00	19.07 1.23 0.00	18.92 1.20 0.00	17.66 1.26 -0.17	16.49 1.26 -0.11	85.90 2.02 -62.77	64.88 2.05 -42.30	78.80 0.49 -76.53	24.66 1.57 -7.25	24.95 1.78 -5.93	169.38 1.85 -149.35	29.38 1.80 -9.58	34.61 1.87 -14.58	31.43 2.10 -9.50	34.45 2.75 -5.04	39.49 3.31 -2.16	62.70 3.93 -22.10	44.29 3.51 -8.56	35.46 3.20 -2.58	63.52 3.03 -30.19	27.15 1.90 -5.68	19.02 1.50 -1.28	17.14 1.32 0.00
BABYLON__69_KV_BK2 356345	29.86 1.67 -10.25	17.39 1.40 0.00	19.28 1.45 0.00	19.14 1.43 0.00	17.87 1.47 -0.16	16.67 1.46 -0.10	87.68 2.30 -64.26	66.71 2.28 -43.89	80.13 0.51 -77.84	24.86 1.77 -7.25	25.15 1.98 -5.93	169.59 2.06 -149.35	29.55 1.98 -9.58	34.81 2.08 -14.58	31.66 2.34 -9.50	34.80 3.09 -5.04	39.84 3.66 -2.16	63.13 4.37 -22.10	44.68 3.90 -8.56	35.85 3.58 -2.58	63.95 3.46 -30.19	27.40 2.15 -5.68	19.22 1.70 -1.28	17.33 1.51 0.00
BALL_HILL_WT_PWR 323825	18.31 0.38 0.00	16.38 0.39 0.00	18.20 0.37 0.00	17.97 0.26 0.00	16.58 0.34 0.00	15.39 0.28 0.00	21.85 0.73 0.00	20.99 0.45 0.00	1.35 -0.43 0.00	16.36 0.52 0.00	17.91 0.67 0.00	19.00 0.82 0.00	18.94 0.94 0.00	19.10 0.95 0.00	20.97 1.14 0.00	28.10 1.44 0.00	35.99 1.96 0.00	39.35 2.69 0.00	33.99 1.77 0.00	31.01 1.32 0.00	31.15 0.85 0.00	20.06 0.49 0.00	16.70 0.46 0.00	16.75 0.93 0.00
BARON_WINDS____WT_PWR 323822	18.22 0.28 0.00	16.28 0.29 0.00	18.09 0.26 0.00	17.90 0.18 0.00	16.52 0.28 0.00	15.38 0.27 0.00	21.83 0.72 0.00	21.10 0.56 0.00	1.53 -0.25 0.00	16.31 0.48 0.00	17.82 0.58 0.00	18.84 0.67 0.00	18.72 0.72 0.00	18.90 0.74 0.00	20.71 0.89 0.00	27.75 1.08 0.00	35.58 1.56 0.00	38.78 2.12 0.00	33.71 1.49 0.00	30.87 1.19 0.00	31.12 0.83 0.00	20.02 0.45 0.00	16.64 0.40 0.00	16.49 0.67 0.00
BARRETT_IC_1 23704	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_10 23701	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_11 23702	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_12 23703	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_2 23705	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_3 23706	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_4 23707	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_5 23708	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_6 23709	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01

BARRETT_IC_7 23710	29.38 1.18 -10.25	16.97 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.16	16.29 1.08 -0.09	62.34 1.63 -39.60	39.73 1.65 -17.54	58.43 0.52 -56.13	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.08 1.62 -16.46	34.41 1.67 -14.58	31.20 1.87 -9.50	34.09 2.39 -5.04	39.06 2.88 -2.16	62.14 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.02 2.54 -30.19	86.29 1.64 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_8 23711	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT_IC_9 23700	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT___1 23545	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BARRETT___2 23546	29.37 1.18 -10.25	16.98 0.99 0.00	18.85 1.02 0.00	18.70 0.99 0.00	17.44 1.04 -0.17	16.30 1.08 -0.10	62.35 1.63 -39.60	39.73 1.65 -17.54	58.46 0.54 -56.14	24.40 1.31 -7.25	24.77 1.60 -5.93	170.62 1.63 -150.82	36.09 1.63 -16.46	34.40 1.67 -14.58	31.19 1.87 -9.50	34.09 2.39 -5.04	39.07 2.89 -2.16	62.15 3.38 -22.10	43.81 3.03 -8.56	35.01 2.74 -2.58	63.03 2.54 -30.19	86.28 1.63 -65.09	32.25 1.31 -14.70	16.99 1.16 -0.01
BATAVIA___115KV_TB1 55881	18.35 0.41 0.00	16.42 0.44 0.00	18.28 0.45 0.00	18.05 0.33 0.00	16.63 0.39 0.00	15.46 0.34 0.00	21.82 0.71 0.00	20.99 0.46 0.00	1.40 -0.38 0.00	16.35 0.51 0.00	17.75 0.51 0.00	18.82 0.64 0.00	18.77 0.78 0.00	19.00 0.85 0.00	21.12 1.29 0.00	27.99 1.33 0.00	35.78 1.76 0.00	39.35 2.69 0.00	34.27 2.04 0.00	31.34 1.65 0.00	31.50 1.20 0.00	20.29 0.72 0.00	16.88 0.64 0.00	16.92 1.10 0.00
BAYONEEC___CTG1 323682	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG10 323750	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG2 323683	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG3 323684	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG4 323685	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG5 323686	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG6 323687	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG7 323688	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BAYONEEC___CTG8 323689	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00

BAYONEEC___CTG9 323749	18.91 0.89 -0.08	16.73 0.74 0.00	18.62 0.79 0.00	18.43 0.71 0.00	16.97 0.74 0.00	15.93 0.82 0.00	22.49 1.38 0.00	21.98 1.44 0.00	41.46 0.33 -39.36	17.24 1.22 -0.19	24.22 1.47 -5.52	19.27 1.57 0.48	21.89 1.57 -2.32	22.08 1.63 -2.30	22.85 1.79 -1.23	29.73 2.28 -0.79	34.69 2.78 2.11	37.91 3.19 1.94	34.34 2.80 0.68	31.97 2.46 0.18	32.58 2.29 0.00	21.11 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
BEACON___LESR 323632	18.31 0.46 0.08	16.33 0.34 0.00	18.24 0.41 0.00	18.11 0.39 0.00	16.63 0.40 0.00	15.45 0.34 0.00	21.77 0.65 0.00	21.25 0.72 0.00	16.88 0.11 -14.99	16.25 0.35 -0.07	19.89 0.39 -2.26	18.86 0.39 -0.30	17.34 0.37 1.03	18.52 0.37 0.00	20.59 0.40 -0.36	26.54 0.59 0.71	34.76 0.74 0.00	38.05 1.38 0.00	33.54 1.32 0.00	30.92 1.23 0.00	31.30 1.00 0.00	20.19 0.62 0.00	16.70 0.46 0.00	16.18 0.36 0.00
BEAVER RIVER___HYD 24048	18.42 0.48 0.00	16.36 0.37 0.00	18.24 0.41 0.00	18.15 0.43 0.00	16.65 0.42 0.00	15.56 0.44 0.00	21.93 0.82 0.00	21.34 0.80 0.00	1.84 0.06 0.00	16.24 0.41 0.00	17.57 0.34 0.00	18.51 0.33 0.00	18.32 0.32 0.00	18.43 0.28 0.00	20.12 0.30 0.00	27.06 0.40 0.00	34.65 0.63 0.00	37.73 1.07 0.00	33.51 1.29 0.00	30.95 1.26 0.00	31.28 0.99 0.00	20.20 0.64 0.00	16.69 0.45 0.00	16.10 0.28 0.00
BEEBEE_GT_13 23619	18.04 0.10 0.00	16.12 0.14 0.00	17.96 0.12 0.00	17.75 0.04 0.00	16.33 0.09 0.00	15.20 0.08 0.00	21.38 0.26 0.00	20.62 0.08 0.00	1.56 -0.22 0.00	16.00 0.16 0.00	17.43 0.19 0.00	18.46 0.28 0.00	18.38 0.38 0.00	18.56 0.41 0.00	20.28 0.45 0.00	27.33 0.67 0.00	34.95 0.93 0.00	38.14 1.48 0.00	33.33 1.11 0.00	30.51 0.82 0.00	30.79 0.50 0.00	19.81 0.25 0.00	16.46 0.22 0.00	16.32 0.50 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.09 1.07 -0.08	16.89 0.90 0.00	18.80 0.96 0.00	18.60 0.88 0.00	17.14 0.90 0.00	16.10 0.98 0.00	22.75 1.63 0.00	22.23 1.69 0.00	41.50 0.37 -39.35	17.48 1.46 -0.19	26.16 1.70 -7.23	32.32 1.79 -12.35	30.51 1.78 -10.73	31.06 1.85 -11.06	30.88 2.06 -9.00	31.68 2.67 -2.35	37.28 3.26 0.00	40.30 3.64 0.00	35.47 3.24 0.00	32.57 2.88 0.00	33.67 2.71 -0.66	21.39 1.82 0.00	17.65 1.41 0.00	17.03 1.21 0.00
BETHLEHEM___GRP 23843	18.08 0.22 0.08	16.20 0.21 0.00	18.10 0.27 0.00	17.95 0.23 0.00	16.48 0.24 0.00	15.25 0.13 0.00	21.38 0.26 0.00	20.84 0.31 0.00	16.77 0.06 -14.93	16.09 0.18 -0.07	19.70 0.21 -2.25	18.66 0.19 -0.29	17.23 0.19 0.96	18.36 0.20 0.00	20.44 0.25 -0.37	26.32 0.33 0.67	34.39 0.37 0.00	37.28 0.61 0.00	32.96 0.74 0.00	30.31 0.63 0.00	30.78 0.49 0.00	19.87 0.30 0.00	16.45 0.21 0.00	15.94 0.12 0.00
BETHLEHEM___GS1 323560	18.08 0.22 0.08	16.20 0.21 0.00	18.10 0.27 0.00	17.95 0.23 0.00	16.48 0.24 0.00	15.25 0.13 0.00	21.38 0.26 0.00	20.84 0.31 0.00	16.76 0.05 -14.93	16.09 0.19 -0.07	19.70 0.21 -2.25	18.67 0.19 -0.29	17.24 0.19 0.96	18.36 0.21 0.00	20.43 0.24 -0.37	26.32 0.33 0.67	34.39 0.37 0.00	37.28 0.62 0.00	32.96 0.74 0.00	30.31 0.62 0.00	30.78 0.49 0.00	19.87 0.30 0.00	16.45 0.21 0.00	15.94 0.12 0.00
BETHLEHEM___GS2 323561	18.08 0.22 0.08	16.20 0.21 0.00	18.10 0.27 0.00	17.95 0.23 0.00	16.48 0.24 0.00	15.25 0.13 0.00	21.38 0.26 0.00	20.84 0.31 0.00	16.76 0.05 -14.93	16.09 0.19 -0.07	19.70 0.21 -2.25	18.67 0.19 -0.29	17.24 0.19 0.96	18.36 0.21 0.00	20.43 0.24 -0.37	26.32 0.33 0.67	34.39 0.37 0.00	37.28 0.62 0.00	32.96 0.74 0.00	30.31 0.62 0.00	30.78 0.49 0.00	19.87 0.30 0.00	16.45 0.21 0.00	15.94 0.12 0.00
BETHLEHEM___GS3 323562	18.08 0.22 0.08	16.20 0.21 0.00	18.10 0.27 0.00	17.95 0.23 0.00	16.48 0.24 0.00	15.25 0.13 0.00	21.38 0.26 0.00	20.84 0.31 0.00	16.76 0.05 -14.93	16.09 0.19 -0.07	19.70 0.21 -2.25	18.67 0.19 -0.29	17.24 0.19 0.96	18.36 0.21 0.00	20.43 0.24 -0.37	26.32 0.33 0.67	34.39 0.37 0.00	37.28 0.62 0.00	32.96 0.74 0.00	30.31 0.62 0.00	30.78 0.49 0.00	19.87 0.30 0.00	16.45 0.21 0.00	15.94 0.12 0.00
BETHLEHEM___STEEL 23779	18.34 0.40 0.00	16.42 0.44 0.00	18.27 0.44 0.00	18.03 0.32 0.00	16.63 0.39 0.00	15.42 0.30 0.00	21.83 0.72 0.00	20.92 0.39 0.00	1.33 -0.45 0.00	16.35 0.52 0.00	17.86 0.62 0.00	18.97 0.79 0.00	18.93 0.93 0.00	19.08 0.93 0.00	20.95 1.13 0.00	28.08 1.42 0.00	35.91 1.89 0.00	39.33 2.67 0.00	33.99 1.77 0.00	31.01 1.32 0.00	31.13 0.84 0.00	20.08 0.51 0.00	16.74 0.50 0.00	16.84 1.02 0.00
BETHLHEM_115KV_TB1 79974	18.12 0.25 0.07	16.23 0.24 0.00	18.14 0.30 0.00	17.99 0.27 0.00	16.51 0.27 0.00	15.30 0.18 0.00	21.45 0.33 0.00	20.91 0.37 0.00	16.73 0.07 -14.88	16.15 0.24 -0.07	19.76 0.27 -2.25	18.73 0.26 -0.29	17.37 0.26 0.89	18.42 0.27 0.00	20.51 0.31 -0.37	26.44 0.42 0.63	34.50 0.48 0.00	37.39 0.73 0.00	33.05 0.83 0.00	30.40 0.71 0.00	30.87 0.58 0.00	19.93 0.36 0.00	16.50 0.26 0.00	16.00 0.17 0.00
BETHPAGE_CC_5 323564	29.52 1.33 -10.25	17.11 1.12 0.00	18.98 1.15 0.00	18.84 1.12 0.00	17.57 1.17 -0.17	16.39 1.17 -0.10	81.63 1.80 -58.72	60.35 1.85 -37.97	75.22 0.47 -72.96	24.57 1.48 -7.25	24.88 1.71 -5.93	169.35 1.75 -149.42	29.60 1.71 -9.89	34.53 1.79 -14.58	31.31 1.99 -9.50	34.28 2.58 -5.04	39.29 3.11 -2.16	62.44 3.68 -22.10	44.04 3.26 -8.56	35.20 2.94 -2.58	63.24 2.75 -30.19	28.92 1.77 -7.58	19.38 1.44 -1.71	17.08 1.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.43 0.49 0.00	16.50 0.51 0.00	18.35 0.52 0.00	18.11 0.40 0.00	16.70 0.46 0.00	15.49 0.38 0.00	21.94 0.83 0.00	21.04 0.50 0.00	1.34 -0.44 0.00	16.45 0.61 0.00	17.97 0.73 0.00	19.08 0.90 0.00	19.04 1.04 0.00	19.20 1.04 0.00	21.09 1.26 0.00	28.26 1.60 0.00	36.15 2.12 0.00	39.59 2.92 0.00	34.21 1.98 0.00	31.20 1.51 0.00	31.33 1.03 0.00	20.20 0.63 0.00	16.83 0.59 0.00	16.91 1.09 0.00
BINGHAMTON___COGEN 23790	18.18 0.24 0.00	16.20 0.22 0.00	18.04 0.21 0.00	17.90 0.18 0.00	16.46 0.22 0.00	15.33 0.21 0.00	21.58 0.47 0.00	20.97 0.44 0.00	1.74 -0.04 0.00	16.19 0.35 0.00	17.66 0.42 0.00	18.64 0.46 0.00	18.47 0.47 0.00	18.63 0.48 0.00	20.41 0.58 0.00	27.42 0.75 0.00	35.08 1.05 0.00	38.03 1.37 0.00	33.35 1.13 0.00	30.62 0.93 0.00	31.05 0.75 0.00	20.00 0.43 0.00	16.58 0.34 0.00	16.23 0.41 0.00
BIXINCNT_115KV_LOAD 355685	18.65 0.71 0.00	16.68 0.70 0.00	18.56 0.72 0.00	18.34 0.63 0.00	16.91 0.67 0.00	15.70 0.59 0.00	22.35 1.24 0.00	21.49 0.95 0.00	1.38 -0.40 0.00	16.79 0.95 0.00	18.37 1.13 0.00	19.48 1.31 0.00	19.42 1.42 0.00	19.59 1.43 0.00	21.53 1.70 0.00	28.84 2.18 0.00	36.84 2.81 0.00	40.31 3.65 0.00	34.83 2.61 0.00	31.72 2.03 0.00	31.86 1.57 0.00	20.51 0.94 0.00	17.07 0.83 0.00	17.10 1.28 0.00

BLACK RIVER___HYD 24047	18.85 0.91 0.00	16.72 0.74 0.00	18.65 0.82 0.00	18.54 0.82 0.00	17.05 0.81 0.00	15.95 0.83 0.00	22.52 1.41 0.00	21.87 1.34 0.00	1.85 0.07 0.00	16.47 0.64 0.00	17.75 0.51 0.00	18.66 0.49 0.00	18.53 0.53 0.00	18.68 0.52 0.00	20.33 0.51 0.00	27.30 0.64 0.00	34.97 0.94 0.00	38.51 1.85 0.00	34.38 2.16 0.00	31.90 2.21 0.00	32.16 1.86 0.00	20.70 1.13 0.00	17.04 0.80 0.00	16.45 0.63 0.00
BLACKRVR_115KV_TB2 79977	18.85 0.91 0.00	16.72 0.74 0.00	18.65 0.82 0.00	18.54 0.82 0.00	17.05 0.81 0.00	15.95 0.83 0.00	22.52 1.41 0.00	21.87 1.34 0.00	1.85 0.07 0.00	16.47 0.63 0.00	17.75 0.51 0.00	18.66 0.49 0.00	18.53 0.53 0.00	18.68 0.52 0.00	20.33 0.50 0.00	27.30 0.64 0.00	34.97 0.94 0.00	38.51 1.85 0.00	34.38 2.16 0.00	31.90 2.21 0.00	32.16 1.87 0.00	20.70 1.13 0.00	17.04 0.80 0.00	16.45 0.63 0.00
BLISS_WT_PWR 323608	18.66 0.72 0.00	16.69 0.71 0.00	18.56 0.73 0.00	18.35 0.64 0.00	16.91 0.68 0.00	15.72 0.60 0.00	22.38 1.27 0.00	21.51 0.97 0.00	1.38 -0.40 0.00	16.83 0.99 0.00	18.39 1.15 0.00	19.51 1.33 0.00	19.43 1.43 0.00	19.64 1.48 0.00	21.61 1.78 0.00	28.87 2.21 0.00	36.87 2.85 0.00	40.35 3.69 0.00	34.87 2.64 0.00	31.72 2.04 0.00	31.88 1.58 0.00	20.51 0.95 0.00	17.07 0.83 0.00	17.10 1.28 0.00
BLUESTONE___WT_PWR 323821	18.61 0.67 0.00	16.57 0.58 0.00	18.46 0.63 0.00	18.33 0.61 0.00	16.88 0.64 0.00	15.79 0.67 0.00	22.44 1.33 0.00	21.76 1.23 0.00	1.79 0.01 0.00	16.88 1.04 0.00	18.36 1.13 0.00	19.39 1.22 0.00	19.20 1.20 0.00	19.29 1.13 0.00	21.08 1.25 0.00	28.44 1.78 0.00	36.46 2.43 0.00	39.76 3.10 0.00	35.04 2.82 0.00	32.22 2.54 0.00	32.59 2.30 0.00	20.91 1.34 0.00	17.28 1.04 0.00	16.85 1.03 0.00
BLUE_CIRC_CHEM_DRP 24182	18.33 0.45 0.05	16.41 0.43 0.00	18.36 0.52 0.00	18.21 0.50 0.00	16.72 0.48 0.00	15.52 0.40 0.00	21.74 0.63 0.00	21.17 0.64 0.00	15.86 0.10 -13.98	16.32 0.41 -0.07	19.80 0.45 -2.11	18.88 0.43 -0.28	17.89 0.42 0.53	18.57 0.42 0.00	20.67 0.47 -0.37	26.86 0.64 0.44	34.80 0.77 0.00	37.72 1.06 0.00	33.37 1.15 0.00	30.70 1.01 0.00	31.19 0.89 0.00	20.14 0.57 0.00	16.68 0.44 0.00	16.18 0.36 0.00
BOC_GAS_DRP 24189	18.22 0.34 0.05	16.29 0.31 0.00	18.21 0.38 0.00	18.07 0.35 0.00	16.59 0.35 0.00	15.43 0.31 0.00	21.62 0.50 0.00	21.07 0.53 0.00	16.48 0.10 -14.60	16.28 0.38 -0.07	19.88 0.43 -2.21	18.90 0.43 -0.29	17.92 0.42 0.50	18.60 0.44 0.00	20.71 0.50 -0.38	26.89 0.66 0.43	34.80 0.78 0.00	37.68 1.01 0.00	33.26 1.04 0.00	30.60 0.91 0.00	31.09 0.80 0.00	20.08 0.52 0.00	16.63 0.39 0.00	16.13 0.31 0.00
BOONVILLE_115KV_TB1 79983	18.39 0.45 0.00	16.36 0.38 0.00	18.25 0.42 0.00	18.14 0.43 0.00	16.65 0.42 0.00	15.55 0.43 0.00	21.89 0.78 0.00	21.30 0.76 0.00	1.84 0.06 0.00	16.34 0.50 0.00	17.75 0.51 0.00	18.70 0.53 0.00	18.48 0.48 0.00	18.58 0.43 0.00	20.30 0.48 0.00	27.33 0.66 0.00	34.98 0.96 0.00	38.06 1.40 0.00	33.65 1.42 0.00	31.00 1.31 0.00	31.40 1.11 0.00	20.23 0.66 0.00	16.72 0.48 0.00	16.21 0.40 0.00
BORALEX_4TH_BRANCH 23824	18.42 0.66 0.18	16.64 0.65 0.00	18.56 0.72 0.00	18.37 0.65 0.00	16.88 0.65 0.00	15.72 0.60 0.00	22.10 0.99 0.00	21.56 1.02 0.00	18.27 0.20 -16.29	16.57 0.66 -0.08	20.35 0.66 -2.46	19.08 0.58 -0.32	15.57 0.53 2.96	18.69 0.54 0.00	20.76 0.64 -0.29	25.88 0.97 1.76	35.09 1.06 0.00	38.11 1.45 0.00	33.94 1.71 0.00	31.24 1.55 0.00	31.76 1.47 0.00	20.52 0.95 0.00	16.99 0.75 0.00	16.36 0.54 0.00
BOWLINE___1 23526	18.70 0.69 -0.07	16.55 0.57 0.00	18.43 0.59 0.00	18.26 0.54 0.00	16.82 0.58 0.00	15.76 0.64 0.00	22.24 1.13 0.00	21.71 1.17 0.00	-52.26 0.26 54.30	16.53 0.95 0.26	10.17 1.13 8.20	18.29 1.18 1.07	20.01 1.16 -0.85	19.34 1.20 0.00	20.30 1.32 0.84	28.62 1.70 -0.26	36.14 2.11 0.00	39.15 2.49 0.00	34.47 2.25 0.00	31.65 1.96 0.00	32.10 1.81 0.00	20.72 1.16 0.00	17.12 0.88 0.00	16.58 0.77 0.00
BOWLINE___2 23595	18.70 0.69 -0.07	16.55 0.57 0.00	18.43 0.59 0.00	18.26 0.54 0.00	16.82 0.58 0.00	15.76 0.64 0.00	22.24 1.13 0.00	21.72 1.19 0.00	-52.28 0.26 54.33	16.54 0.96 0.26	10.18 1.15 8.20	18.30 1.20 1.07	20.04 1.19 -0.85	19.38 1.22 0.00	20.33 1.35 0.84	28.67 1.75 -0.26	36.21 2.18 0.00	39.23 2.56 0.00	34.54 2.31 0.00	31.71 2.02 0.00	32.16 1.86 0.00	20.76 1.19 0.00	17.15 0.91 0.00	16.60 0.78 0.00
BRADY___115KV_TB2 356060	18.11 0.17 0.00	16.12 0.14 0.00	17.96 0.13 0.00	17.87 0.16 0.00	16.32 0.08 0.00	15.21 0.09 0.00	21.26 0.15 0.00	20.75 0.21 0.00	1.79 0.01 0.00	15.92 0.08 0.00	17.26 0.02 0.00	18.19 0.02 0.00	17.99 -0.01 0.00	18.11 -0.05 0.00	19.73 -0.10 0.00	26.56 -0.10 0.00	33.94 -0.09 0.00	36.19 -0.47 0.00	31.93 -0.30 0.00	29.51 -0.17 0.00	30.25 -0.05 0.00	19.62 0.05 0.00	16.30 0.06 0.00	15.76 -0.06 0.00
BRANSCOMB___SOLAR 323811	18.47 0.63 0.10	16.58 0.60 0.00	18.51 0.68 0.00	18.34 0.62 0.00	16.85 0.61 0.00	15.76 0.64 0.00	22.19 1.08 0.00	21.63 1.10 0.00	16.77 0.18 -14.81	16.64 0.73 -0.07	20.23 0.75 -2.24	19.19 0.72 -0.29	17.26 0.66 1.40	18.84 0.68 0.00	20.96 0.80 -0.34	26.89 1.14 0.91	35.47 1.45 0.00	38.56 1.90 0.00	34.24 2.01 0.00	31.46 1.77 0.00	31.86 1.57 0.00	20.55 0.98 0.00	17.00 0.76 0.00	16.41 0.59 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.80 1.61 -10.25	17.33 1.35 0.00	19.21 1.38 0.00	19.08 1.37 0.00	17.82 1.42 -0.16	16.61 1.39 -0.10	92.36 2.22 -69.03	71.67 2.16 -48.98	84.31 0.49 -82.04	24.78 1.68 -7.25	25.05 1.88 -5.93	169.42 1.95 -149.30	29.15 1.82 -9.33	34.64 1.91 -14.58	31.47 2.14 -9.50	34.52 2.82 -5.04	39.29 3.11 -2.16	62.53 3.77 -22.10	44.19 3.40 -8.56	35.49 3.23 -2.58	63.70 3.21 -30.19	25.09 2.00 -3.53	18.63 1.59 -0.79	17.24 1.42 0.00
BRISTLHL_115KV_TB1 79998	18.31 0.37 0.00	16.30 0.31 0.00	18.17 0.34 0.00	18.03 0.31 0.00	16.55 0.32 0.00	15.43 0.31 0.00	21.58 0.47 0.00	20.92 0.39 0.00	1.74 -0.04 0.00	16.09 0.25 0.00	17.51 0.27 0.00	18.47 0.30 0.00	18.34 0.34 0.00	18.50 0.34 0.00	20.13 0.31 0.00	27.00 0.34 0.00	34.50 0.47 0.00	37.52 0.86 0.00	33.06 0.84 0.00	30.42 0.73 0.00	30.89 0.59 0.00	19.96 0.40 0.00	16.59 0.35 0.00	16.27 0.45 0.00
BROOKHAVEN___DRP 24191	29.76 1.57 -10.25	17.33 1.34 0.00	19.20 1.37 0.00	19.05 1.33 0.00	17.81 1.41 -0.16	16.62 1.40 -0.10	95.50 2.24 -72.15	75.06 2.21 -52.31	87.08 0.51 -84.78	24.76 1.67 -7.25	25.01 1.85 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.25	34.63 1.89 -14.58	31.49 2.16 -9.50	34.59 2.89 -5.04	39.64 3.46 -2.16	62.85 4.09 -22.10	44.47 3.69 -8.56	35.71 3.44 -2.58	63.75 3.26 -30.19	24.60 2.02 -3.02	18.53 1.61 -0.68	17.27 1.45 0.00



BROOKLYN_NAVY_YARD 23515	18.91 0.89 -0.08	16.73 0.74 0.00	18.63 0.79 0.00	18.44 0.72 0.00	16.98 0.75 0.00	15.94 0.83 0.00	22.49 1.38 0.00	21.97 1.44 0.00	41.46 0.33 -39.36	17.25 1.23 -0.19	24.64 1.46 -5.94	20.51 1.56 -0.77	22.92 1.56 -3.37	22.06 1.61 -2.30	22.84 1.78 -1.23	30.16 2.28 -1.23	36.84 2.81 0.00	39.87 3.21 0.00	35.04 2.82 0.00	32.17 2.49 0.00	32.58 2.28 0.00	21.09 1.53 0.00	17.43 1.18 0.00	16.82 1.00 0.00
BROOKLYN___ARMY_DRP 323595	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
BROOKVLE_69_KV_TB1 55790	29.38 1.19 -10.25	16.99 1.00 0.00	18.87 1.04 0.00	18.71 1.00 0.00	17.43 1.03 -0.16	16.29 1.07 -0.09	68.19 1.74 -45.34	45.99 1.78 -23.68	63.38 0.41 -61.19	24.53 1.44 -7.25	24.88 1.71 -5.93	169.50 1.80 -149.53	30.16 1.77 -10.40	34.59 1.85 -14.58	31.39 2.06 -9.50	34.38 2.67 -5.04	39.47 3.30 -2.16	62.56 3.80 -22.10	44.13 3.35 -8.56	35.25 2.99 -2.58	63.28 2.79 -30.19	33.74 1.79 -12.38	20.41 1.38 -2.79	17.02 1.20 0.00
BROOME_2_LFGE 323671	18.18 0.24 0.00	16.20 0.22 0.00	18.04 0.20 0.00	17.90 0.18 0.00	16.46 0.22 0.00	15.33 0.21 0.00	21.58 0.47 0.00	20.97 0.44 0.00	1.75 -0.03 0.00	16.19 0.36 0.00	17.66 0.43 0.00	18.64 0.46 0.00	18.47 0.47 0.00	18.64 0.48 0.00	20.41 0.59 0.00	27.41 0.75 0.00	35.07 1.05 0.00	38.03 1.36 0.00	33.35 1.13 0.00	30.62 0.93 0.00	31.05 0.75 0.00	20.00 0.43 0.00	16.58 0.33 0.00	16.23 0.41 0.00
BROOME___LFGE 323600	18.18 0.24 0.00	16.20 0.22 0.00	18.04 0.20 0.00	17.90 0.18 0.00	16.46 0.22 0.00	15.33 0.21 0.00	21.58 0.47 0.00	20.97 0.44 0.00	1.75 -0.03 0.00	16.19 0.36 0.00	17.66 0.43 0.00	18.64 0.46 0.00	18.47 0.47 0.00	18.64 0.48 0.00	20.41 0.59 0.00	27.41 0.75 0.00	35.07 1.05 0.00	38.03 1.36 0.00	33.35 1.13 0.00	30.62 0.93 0.00	31.05 0.75 0.00	20.00 0.43 0.00	16.58 0.33 0.00	16.23 0.41 0.00
BROWNFLS_115KV_TB_3_5 80003	18.25 0.31 0.00	16.22 0.24 0.00	18.09 0.25 0.00	17.99 0.28 0.00	16.48 0.24 0.00	15.38 0.26 0.00	21.60 0.49 0.00	21.06 0.52 0.00	1.82 0.04 0.00	16.09 0.26 0.00	17.43 0.19 0.00	18.37 0.19 0.00	18.16 0.16 0.00	18.29 0.13 0.00	19.94 0.12 0.00	26.84 0.18 0.00	34.30 0.27 0.00	36.95 0.29 0.00	32.70 0.48 0.00	30.20 0.51 0.00	30.68 0.38 0.00	19.88 0.31 0.00	16.48 0.24 0.00	15.90 0.08 0.00
BROWNSV1_27_KV_LOAD 356125	19.08 1.06 -0.08	16.89 0.90 0.00	18.79 0.95 0.00	18.60 0.88 0.00	17.13 0.89 0.00	16.08 0.96 0.00	22.71 1.60 0.00	22.21 1.67 0.00	41.47 0.33 -39.36	17.43 1.41 -0.19	24.85 1.67 -5.94	20.73 1.77 -0.77	23.14 1.77 -3.37	22.29 1.84 -2.30	23.10 2.04 -1.23	30.51 2.63 -1.23	37.27 3.25 0.00	40.35 3.69 0.00	35.44 3.22 0.00	32.54 2.85 0.00	32.97 2.67 0.00	21.33 1.76 0.00	17.60 1.36 0.00	17.00 1.18 0.00
BURROWS___LYONSDAL 23803	18.41 0.47 0.00	16.37 0.38 0.00	18.26 0.43 0.00	18.15 0.44 0.00	16.66 0.43 0.00	15.56 0.45 0.00	21.91 0.80 0.00	21.32 0.79 0.00	1.84 0.05 0.00	16.33 0.49 0.00	17.72 0.48 0.00	18.67 0.49 0.00	18.45 0.45 0.00	18.56 0.40 0.00	20.28 0.45 0.00	27.28 0.62 0.00	34.93 0.90 0.00	38.01 1.35 0.00	33.64 1.42 0.00	31.01 1.32 0.00	31.38 1.08 0.00	20.22 0.65 0.00	16.72 0.47 0.00	16.17 0.35 0.00
CAITHNESS_CC_1 323624	29.71 1.52 -10.25	17.29 1.31 0.00	19.16 1.33 0.00	19.01 1.29 0.00	17.78 1.38 -0.17	16.59 1.37 -0.11	95.56 2.18 -72.26	75.13 2.16 -52.44	87.16 0.49 -84.89	24.72 1.63 -7.25	24.98 1.81 -5.93	169.31 1.86 -149.28	29.04 1.80 -9.24	34.60 1.86 -14.58	31.44 2.12 -9.50	34.53 2.83 -5.04	39.54 3.35 -2.16	62.74 3.98 -22.10	44.36 3.58 -8.56	35.61 3.34 -2.58	63.66 3.17 -30.19	24.53 1.95 -3.01	18.47 1.56 -0.68	17.23 1.41 0.00
CALPINE BETH_PAGE_GT4 24209	29.46 1.27 -10.25	17.05 1.07 0.00	18.92 1.09 0.00	18.78 1.06 0.00	17.52 1.12 -0.16	16.35 1.13 -0.10	76.87 1.71 -54.05	55.29 1.78 -32.97	71.10 0.47 -68.85	24.54 1.45 -7.25	24.86 1.69 -5.93	169.39 1.74 -149.47	29.82 1.69 -10.13	34.53 1.79 -14.58	31.32 1.99 -9.50	34.27 2.57 -5.04	39.30 3.12 -2.16	62.43 3.67 -22.10	44.04 3.26 -8.56	35.19 2.92 -2.58	63.21 2.73 -30.19	30.97 1.75 -9.65	19.81 1.39 -2.18	17.03 1.21 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.46 1.27 -10.25	17.05 1.07 0.00	18.92 1.09 0.00	18.78 1.06 0.00	17.52 1.12 -0.17	16.35 1.13 -0.10	76.87 1.71 -54.05	55.29 1.78 -32.98	71.09 0.46 -68.85	24.54 1.45 -7.25	24.85 1.69 -5.93	169.39 1.74 -149.47	29.83 1.70 -10.13	34.53 1.79 -14.58	31.31 1.99 -9.50	34.28 2.57 -5.04	39.30 3.12 -2.16	62.43 3.67 -22.10	44.04 3.26 -8.56	35.19 2.92 -2.58	63.22 2.73 -30.19	30.97 1.75 -9.65	19.81 1.40 -2.18	17.03 1.21 0.00
CALPINE_BP_GT1 23823	29.46 1.27 -10.25	17.05 1.07 0.00	18.92 1.09 0.00	18.78 1.06 0.00	17.52 1.12 -0.17	16.35 1.13 -0.10	76.87 1.71 -54.05	55.29 1.78 -32.98	71.09 0.46 -68.85	24.54 1.45 -7.25	24.85 1.69 -5.93	169.39 1.74 -149.47	29.83 1.70 -10.13	34.53 1.79 -14.58	31.31 1.99 -9.50	34.28 2.57 -5.04	39.30 3.12 -2.16	62.43 3.67 -22.10	44.04 3.26 -8.56	35.19 2.92 -2.58	63.22 2.73 -30.19	30.97 1.75 -9.65	19.81 1.40 -2.18	17.03 1.21 0.00
CALSPAN___DRP 24200	18.34 0.40 0.00	16.42 0.44 0.00	18.27 0.44 0.00	18.03 0.32 0.00	16.63 0.39 0.00	15.42 0.30 0.00	21.83 0.72 0.00	20.92 0.39 0.00	1.33 -0.45 0.00	16.35 0.52 0.00	17.86 0.62 0.00	18.97 0.79 0.00	18.93 0.93 0.00	19.08 0.93 0.00	20.95 1.13 0.00	28.08 1.42 0.00	35.91 1.89 0.00	39.33 2.67 0.00	33.99 1.77 0.00	31.01 1.32 0.00	31.13 0.84 0.00	20.08 0.51 0.00	16.74 0.50 0.00	16.84 1.02 0.00
CALVERTON___SOLAR 323806	29.81 1.62 -10.25	17.37 1.39 0.00	19.25 1.42 0.00	19.10 1.38 0.00	17.86 1.46 -0.17	16.67 1.45 -0.11	95.52 2.30 -72.10	75.08 2.28 -52.26	87.03 0.50 -84.75	24.81 1.72 -7.25	25.06 1.89 -5.93	169.39 1.94 -149.28	29.13 1.88 -9.25	34.69 1.95 -14.58	31.54 2.22 -9.50	34.69 2.98 -5.04	39.77 3.59 -2.16	63.01 4.25 -22.10	44.61 3.83 -8.56	35.84 3.57 -2.58	63.88 3.39 -30.19	24.68 2.10 -3.02	18.59 1.68 -0.68	17.33 1.51 0.00
CANDIGU_WT_PWR 323617	18.22 0.28 0.00	16.28 0.29 0.00	18.09 0.26 0.00	17.90 0.18 0.00	16.52 0.28 0.00	15.38 0.27 0.00	21.83 0.72 0.00	21.10 0.56 0.00	1.53 -0.25 0.00	16.31 0.48 0.00	17.82 0.58 0.00	18.84 0.67 0.00	18.72 0.72 0.00	18.90 0.74 0.00	20.71 0.89 0.00	27.75 1.08 0.00	35.58 1.56 0.00	38.78 2.12 0.00	33.71 1.49 0.00	30.87 1.19 0.00	31.12 0.83 0.00	20.02 0.45 0.00	16.64 0.40 0.00	16.49 0.67 0.00

CARR STREET_E__SYR 24060	17.93 -0.01 0.00	15.97 -0.01 0.00	17.81 -0.02 0.00	17.67 -0.04 0.00	16.23 -0.01 0.00	15.09 -0.02 0.00	21.03 -0.08 0.00	20.33 -0.20 0.00	1.70 -0.08 0.00	15.69 -0.15 0.00	17.09 -0.15 0.00	18.04 -0.14 0.00	17.90 -0.10 0.00	18.06 -0.09 0.00	19.75 -0.08 0.00	26.55 -0.11 0.00	33.90 -0.13 0.00	36.74 0.08 0.00	32.29 0.07 0.00	29.68 -0.01 0.00	30.15 -0.15 0.00	19.43 -0.14 0.00	16.18 -0.06 0.00	15.94 0.12 0.00
CARTHAGE__PAPER 23857	18.68 0.74 0.00	16.58 0.59 0.00	18.48 0.65 0.00	18.39 0.67 0.00	16.89 0.65 0.00	15.80 0.68 0.00	22.29 1.18 0.00	21.68 1.15 0.00	1.87 0.08 0.00	16.40 0.56 0.00	17.68 0.45 0.00	18.61 0.44 0.00	18.45 0.45 0.00	18.57 0.41 0.00	20.24 0.41 0.00	27.21 0.55 0.00	34.87 0.85 0.00	38.17 1.51 0.00	34.03 1.80 0.00	31.49 1.81 0.00	31.81 1.52 0.00	20.51 0.94 0.00	16.90 0.66 0.00	16.29 0.47 0.00
CASSADAGA_WT_PWR 323784	18.71 0.77 0.00	16.71 0.73 0.00	18.57 0.74 0.00	18.35 0.63 0.00	16.94 0.70 0.00	15.75 0.63 0.00	22.45 1.34 0.00	21.60 1.07 0.00	1.40 -0.38 0.00	16.87 1.04 0.00	18.48 1.25 0.00	19.61 1.43 0.00	19.53 1.53 0.00	19.74 1.59 0.00	21.70 1.87 0.00	29.01 2.35 0.00	37.17 3.15 0.00	40.61 3.95 0.00	35.07 2.85 0.00	31.98 2.29 0.00	32.10 1.81 0.00	20.63 1.07 0.00	17.15 0.91 0.00	17.16 1.34 0.00
CE_DUNWOOD__DRP 24194	18.81 0.79 -0.08	16.65 0.66 0.00	18.54 0.70 0.00	18.36 0.64 0.00	16.91 0.67 0.00	15.86 0.74 0.00	22.37 1.26 0.00	21.86 1.32 0.00	42.50 0.29 -40.42	17.11 1.08 -0.19	24.63 1.29 -6.10	20.33 1.35 -0.80	22.34 1.33 -3.01	19.55 1.39 -0.01	22.62 1.54 -1.25	29.87 1.98 -1.23	36.49 2.46 0.00	39.51 2.86 0.00	34.78 2.55 0.00	31.94 2.25 0.00	32.37 2.08 0.00	20.91 1.35 0.00	17.27 1.04 0.00	16.70 0.88 0.00
CE_MILLWOOD__DRP 24193	18.77 0.76 -0.08	16.62 0.63 0.00	18.50 0.67 0.00	18.33 0.62 0.00	16.88 0.64 0.00	15.83 0.71 0.00	22.32 1.21 0.00	21.81 1.27 0.00	43.21 0.28 -41.15	17.07 1.04 -0.19	24.69 1.24 -6.21	20.29 1.30 -0.81	22.28 1.28 -3.01	19.49 1.33 -0.01	22.57 1.48 -1.27	29.78 1.90 -1.22	36.38 2.36 0.00	39.41 2.75 0.00	34.70 2.47 0.00	31.87 2.18 0.00	32.29 2.00 0.00	20.86 1.29 0.00	17.23 0.99 0.00	16.66 0.84 0.00
CE_NYC2_DRP 24202	18.99 0.97 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.91 0.00	22.62 1.51 0.00	22.09 1.55 0.00	41.50 0.36 -39.35	17.34 1.32 -0.19	26.03 1.56 -7.23	32.19 1.66 -12.35	30.38 1.65 -10.73	30.92 1.70 -11.06	30.71 1.89 -9.00	31.43 2.42 -2.35	36.99 2.97 0.00	39.99 3.32 0.00	35.19 2.96 0.00	32.32 2.63 0.00	33.41 2.45 -0.66	21.19 1.62 0.00	17.49 1.25 0.00	16.90 1.08 0.00
CE_NYC_DRP 24195	18.93 0.91 -0.08	16.75 0.77 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.85 0.00	22.53 1.42 0.00	22.02 1.48 0.00	41.47 0.33 -39.36	17.28 1.26 -0.19	24.69 1.51 -5.94	20.56 1.61 -0.77	22.96 1.60 -3.36	22.10 1.66 -2.29	22.89 1.83 -1.23	30.23 2.35 -1.23	36.93 2.91 0.00	39.97 3.31 0.00	35.11 2.89 0.00	32.23 2.54 0.00	32.64 2.35 0.00	21.13 1.57 0.00	17.45 1.21 0.00	16.85 1.03 0.00
CHAFFEE__LFGE 323603	18.37 0.43 0.00	16.44 0.45 0.00	18.29 0.46 0.00	18.05 0.33 0.00	16.64 0.41 0.00	15.44 0.33 0.00	21.89 0.77 0.00	20.97 0.44 0.00	1.33 -0.45 0.00	16.42 0.58 0.00	17.92 0.68 0.00	19.02 0.84 0.00	18.97 0.97 0.00	19.16 1.00 0.00	21.08 1.25 0.00	28.19 1.53 0.00	36.03 2.00 0.00	39.44 2.78 0.00	34.10 1.88 0.00	31.11 1.42 0.00	31.23 0.94 0.00	20.13 0.56 0.00	16.77 0.53 0.00	16.85 1.03 0.00
CHATEAUG_35_KV_LOAD 355732	18.24 0.30 0.00	16.21 0.23 0.00	18.06 0.23 0.00	17.95 0.24 0.00	16.45 0.22 0.00	15.33 0.21 0.00	21.53 0.42 0.00	21.03 0.50 0.00	1.83 0.05 0.00	16.16 0.32 0.00	17.49 0.26 0.00	18.37 0.19 0.00	18.18 0.18 0.00	18.37 0.22 0.00	20.09 0.26 0.00	27.07 0.41 0.00	34.67 0.64 0.00	37.09 0.43 0.00	32.63 0.40 0.00	30.03 0.34 0.00	30.35 0.05 0.00	19.40 -0.17 0.00	16.05 -0.19 0.00	15.29 -0.53 0.00
CHATEAUG_WT_PWR 323614	18.21 0.27 0.00	16.20 0.21 0.00	18.05 0.22 0.00	17.94 0.22 0.00	16.45 0.21 0.00	15.32 0.20 0.00	21.54 0.43 0.00	21.02 0.49 0.00	1.85 0.07 0.00	16.16 0.32 0.00	17.50 0.27 0.00	18.37 0.19 0.00	18.18 0.18 0.00	18.39 0.24 0.00	20.12 0.30 0.00	27.10 0.44 0.00	34.71 0.68 0.00	37.13 0.47 0.00	32.64 0.42 0.00	30.02 0.33 0.00	30.29 0.00 0.00	19.36 -0.21 0.00	16.03 -0.21 0.00	15.25 -0.57 0.00
CHAT_HIGH_FALL_HYD 323578	18.24 0.30 0.00	16.21 0.23 0.00	18.06 0.23 0.00	17.95 0.24 0.00	16.45 0.22 0.00	15.33 0.21 0.00	21.53 0.42 0.00	21.03 0.50 0.00	1.83 0.05 0.00	16.16 0.32 0.00	17.49 0.26 0.00	18.37 0.19 0.00	18.18 0.18 0.00	18.37 0.22 0.00	20.09 0.26 0.00	27.07 0.41 0.00	34.67 0.64 0.00	37.09 0.43 0.00	32.63 0.40 0.00	30.03 0.34 0.00	30.35 0.05 0.00	19.40 -0.17 0.00	16.05 -0.19 0.00	15.29 -0.53 0.00
CHAUTAUQUA__LFGE 323629	18.46 0.52 0.00	16.50 0.52 0.00	18.33 0.49 0.00	18.10 0.39 0.00	16.70 0.47 0.00	15.51 0.39 0.00	22.06 0.95 0.00	21.19 0.66 0.00	1.36 -0.42 0.00	16.53 0.69 0.00	18.10 0.86 0.00	19.19 1.01 0.00	19.12 1.12 0.00	19.31 1.16 0.00	21.23 1.40 0.00	28.39 1.73 0.00	36.39 2.37 0.00	39.78 3.12 0.00	34.35 2.13 0.00	31.34 1.65 0.00	31.47 1.17 0.00	20.26 0.69 0.00	16.85 0.62 0.00	16.89 1.07 0.00
CHERRYST_13_KV_LD 356241	18.98 0.96 -0.08	16.79 0.81 0.00	18.69 0.86 0.00	18.51 0.79 0.00	17.05 0.81 0.00	16.01 0.89 0.00	22.60 1.48 0.00	22.09 1.56 0.00	41.47 0.33 -39.36	17.35 1.33 -0.19	24.76 1.58 -5.94	20.63 1.68 -0.77	23.03 1.67 -3.36	22.18 1.73 -2.29	22.98 1.92 -1.23	30.35 2.46 -1.23	37.07 3.05 0.00	40.12 3.46 0.00	35.24 3.01 0.00	32.33 2.64 0.00	32.73 2.44 0.00	21.19 1.62 0.00	17.50 1.26 0.00	16.90 1.08 0.00
CHESTROR_138KV_BK263 355645	18.63 0.63 -0.06	16.51 0.52 0.00	18.39 0.55 0.00	18.23 0.51 0.00	16.77 0.53 0.00	15.70 0.58 0.00	22.13 1.01 0.00	21.62 1.08 0.00	-39.79 0.23 41.80	16.49 0.85 0.20	11.94 1.01 6.31	18.41 1.06 0.82	20.88 1.05 -1.84	19.24 1.09 0.00	20.93 1.22 0.12	28.51 1.59 -0.25	36.04 2.01 0.00	39.05 2.38 0.00	34.38 2.15 0.00	31.57 1.89 0.00	32.04 1.74 0.00	20.67 1.11 0.00	17.08 0.84 0.00	16.55 0.72 0.00
CH_MIDHUDSON__DRP 24192	18.72 0.72 -0.06	16.61 0.63 0.00	18.51 0.67 0.00	18.34 0.62 0.00	16.87 0.63 0.00	15.81 0.69 0.00	22.26 1.15 0.00	21.74 1.21 0.00	18.07 0.26 -16.03	16.86 0.94 -0.08	20.79 1.13 -2.42	19.65 1.16 -0.31	20.97 1.14 -1.83	19.35 1.20 0.00	21.77 1.33 -0.61	29.11 1.75 -0.70	36.26 2.24 0.00	39.24 2.58 0.00	34.60 2.38 0.00	31.80 2.12 0.00	32.22 1.92 0.00	20.80 1.23 0.00	17.19 0.95 0.00	16.63 0.80 0.00

CH_MISC_IPPS 23765	18.83 0.83 -0.06	16.70 0.71 0.00	18.59 0.76 0.00	18.43 0.71 0.00	16.95 0.72 0.00	15.89 0.77 0.00	22.40 1.28 0.00	21.88 1.35 0.00	6.97 0.28 -4.92	16.96 1.09 -0.02	19.27 1.29 -0.74	19.61 1.32 -0.10	21.11 1.29 -1.82	19.49 1.33 0.00	21.77 1.48 -0.46	29.32 1.97 -0.69	36.56 2.54 0.00	39.60 2.94 0.00	34.89 2.67 0.00	32.05 2.36 0.00	32.48 2.18 0.00	20.95 1.38 0.00	17.30 1.06 0.00	16.74 0.92 0.00
CH_RES_BVR_FALLS 23983	17.80 -0.14 0.00	15.86 -0.12 0.00	17.68 -0.15 0.00	17.59 -0.13 0.00	16.08 -0.15 0.00	14.97 -0.15 0.00	20.88 -0.23 0.00	20.34 -0.20 0.00	1.77 -0.01 0.00	15.69 -0.14 0.00	17.05 -0.18 0.00	17.98 -0.20 0.00	17.80 -0.20 0.00	17.93 -0.22 0.00	19.57 -0.26 0.00	26.33 -0.33 0.00	33.63 -0.40 0.00	36.04 -0.62 0.00	31.63 -0.59 0.00	29.19 -0.50 0.00	29.87 -0.42 0.00	19.32 -0.25 0.00	16.06 -0.18 0.00	15.58 -0.24 0.00
CH_RES_NIAGARA 23895	17.84 -0.09 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.00 -0.11 0.00	21.11 0.00 0.00	20.06 -0.48 0.00	1.22 -0.56 0.00	15.73 -0.10 0.00	17.13 -0.11 0.00	18.21 0.04 0.00	18.16 0.16 0.00	18.33 0.17 0.00	20.15 0.32 0.00	26.89 0.23 0.00	34.20 0.17 0.00	37.42 0.75 0.00	32.36 0.13 0.00	29.50 -0.19 0.00	29.62 -0.68 0.00	19.19 -0.38 0.00	16.11 -0.13 0.00	16.34 0.52 0.00
CH_RES_SYRACUSE 23985	18.11 0.17 0.00	16.14 0.16 0.00	17.98 0.15 0.00	17.84 0.12 0.00	16.39 0.15 0.00	15.25 0.13 0.00	21.31 0.20 0.00	20.66 0.12 0.00	1.73 -0.06 0.00	15.92 0.08 0.00	17.33 0.09 0.00	18.29 0.12 0.00	18.16 0.16 0.00	18.32 0.17 0.00	20.01 0.19 0.00	26.89 0.23 0.00	34.35 0.33 0.00	37.26 0.60 0.00	32.77 0.55 0.00	30.14 0.45 0.00	30.60 0.31 0.00	19.73 0.17 0.00	16.40 0.16 0.00	16.09 0.27 0.00
CLINTON_WT_PWR 323605	18.21 0.27 0.00	16.20 0.21 0.00	18.05 0.22 0.00	17.94 0.22 0.00	16.45 0.21 0.00	15.32 0.20 0.00	21.54 0.43 0.00	21.02 0.49 0.00	1.85 0.07 0.00	16.16 0.32 0.00	17.50 0.27 0.00	18.37 0.19 0.00	18.18 0.18 0.00	18.39 0.24 0.00	20.12 0.30 0.00	27.10 0.44 0.00	34.71 0.68 0.00	37.13 0.47 0.00	32.64 0.42 0.00	30.02 0.33 0.00	30.29 0.00 0.00	19.36 -0.21 0.00	16.03 -0.21 0.00	15.25 -0.57 0.00
CLINTON__LFGE 323618	18.43 0.49 0.00	16.39 0.40 0.00	18.26 0.43 0.00	18.13 0.41 0.00	16.63 0.39 0.00	15.49 0.37 0.00	21.85 0.74 0.00	21.33 0.80 0.00	1.88 0.10 0.00	16.38 0.55 0.00	17.72 0.48 0.00	18.58 0.40 0.00	18.38 0.38 0.00	18.61 0.45 0.00	20.38 0.55 0.00	27.47 0.81 0.00	35.22 1.20 0.00	37.75 1.09 0.00	33.23 1.00 0.00	30.53 0.84 0.00	30.76 0.46 0.00	19.65 0.08 0.00	16.27 0.02 0.00	15.44 -0.38 0.00
COBBLENY_34_KV_TB1 80064	18.37 0.43 0.00	16.44 0.46 0.00	18.29 0.46 0.00	18.05 0.33 0.00	16.64 0.41 0.00	15.44 0.33 0.00	21.88 0.76 0.00	20.98 0.44 0.00	1.34 -0.45 0.00	16.40 0.57 0.00	17.92 0.68 0.00	19.02 0.84 0.00	18.98 0.98 0.00	19.14 0.98 0.00	21.02 1.19 0.00	28.18 1.52 0.00	36.03 2.01 0.00	39.44 2.78 0.00	34.10 1.88 0.00	31.11 1.42 0.00	31.23 0.94 0.00	20.14 0.57 0.00	16.77 0.53 0.00	16.85 1.03 0.00
COFFEEN__115KV_TB3 355620	18.96 1.02 0.00	16.82 0.84 0.00	18.76 0.93 0.00	18.64 0.93 0.00	17.15 0.91 0.00	16.05 0.93 0.00	22.69 1.57 0.00	22.04 1.50 0.00	1.87 0.09 0.00	16.55 0.71 0.00	17.80 0.57 0.00	18.72 0.54 0.00	18.59 0.59 0.00	18.74 0.59 0.00	20.40 0.57 0.00	27.38 0.72 0.00	35.10 1.07 0.00	38.71 2.05 0.00	34.63 2.40 0.00	32.19 2.50 0.00	32.48 2.18 0.00	20.89 1.32 0.00	17.18 0.94 0.00	16.59 0.77 0.00
COLDSPRG_115KV_BK1 355956	18.89 0.95 0.00	16.87 0.89 0.00	18.77 0.93 0.00	18.55 0.83 0.00	17.12 0.88 0.00	15.92 0.81 0.00	22.73 1.62 0.00	21.90 1.37 0.00	1.42 -0.37 0.00	17.15 1.32 0.00	18.77 1.54 0.00	19.91 1.73 0.00	19.84 1.84 0.00	20.01 1.86 0.00	21.99 2.16 0.00	29.45 2.79 0.00	37.69 3.66 0.00	41.19 4.52 0.00	35.58 3.36 0.00	32.45 2.77 0.00	32.60 2.30 0.00	20.93 1.37 0.00	17.37 1.13 0.00	17.34 1.52 0.00
COLONIE_LFGE__ 323577	18.32 0.49 0.11	16.45 0.47 0.00	18.38 0.54 0.00	18.21 0.49 0.00	16.73 0.49 0.00	15.60 0.48 0.00	21.90 0.79 0.00	21.36 0.82 0.00	17.12 0.15 -15.19	16.46 0.56 -0.07	20.12 0.58 -2.29	19.04 0.56 -0.30	16.86 0.53 1.67	18.70 0.54 0.00	20.79 0.63 -0.34	26.49 0.89 1.06	35.09 1.06 0.00	38.09 1.43 0.00	33.77 1.55 0.00	31.05 1.36 0.00	31.50 1.21 0.00	20.33 0.76 0.00	16.83 0.59 0.00	16.26 0.44 0.00
COOPERNY_115KV_TB1 80082	18.47 0.50 -0.03	16.40 0.42 0.00	18.28 0.45 0.00	18.13 0.42 0.00	16.67 0.43 0.00	15.58 0.47 0.00	21.92 0.81 0.00	21.39 0.86 0.00	-18.65 0.18 20.61	16.42 0.68 0.10	14.93 0.81 3.11	18.62 0.85 0.41	18.77 0.84 0.07	19.03 0.88 0.00	20.23 0.97 0.57	28.09 1.26 -0.17	35.63 1.60 0.00	38.56 1.90 0.00	33.92 1.70 0.00	31.17 1.49 0.00	31.67 1.38 0.00	20.44 0.87 0.00	16.90 0.66 0.00	16.41 0.59 0.00
COPENHAGEN_WT_PWR 323753	18.76 0.82 0.00	16.65 0.66 0.00	18.58 0.74 0.00	18.46 0.75 0.00	16.98 0.74 0.00	15.88 0.76 0.00	22.40 1.29 0.00	21.75 1.22 0.00	1.84 0.06 0.00	16.41 0.57 0.00	17.70 0.46 0.00	18.63 0.45 0.00	18.49 0.49 0.00	18.63 0.48 0.00	20.28 0.45 0.00	27.22 0.56 0.00	34.83 0.81 0.00	38.34 1.68 0.00	34.17 1.95 0.00	31.67 1.98 0.00	31.89 1.59 0.00	20.54 0.97 0.00	16.90 0.65 0.00	16.31 0.49 0.00
CORNELL____ 23752	18.37 0.44 0.00	16.37 0.39 0.00	18.23 0.40 0.00	18.09 0.37 0.00	16.64 0.40 0.00	15.50 0.38 0.00	21.79 0.68 0.00	21.18 0.65 0.00	1.74 -0.04 0.00	16.27 0.44 0.00	17.70 0.46 0.00	18.67 0.49 0.00	18.53 0.53 0.00	18.66 0.50 0.00	20.40 0.57 0.00	27.48 0.81 0.00	35.20 1.17 0.00	38.34 1.68 0.00	33.80 1.57 0.00	31.09 1.40 0.00	31.50 1.21 0.00	20.27 0.70 0.00	16.78 0.54 0.00	16.41 0.59 0.00
CORONAAV_69_KV_TB1 355595	29.46 1.27 -10.25	17.05 1.07 0.00	18.94 1.11 0.00	18.79 1.07 0.00	17.51 1.11 -0.16	16.36 1.15 -0.09	63.44 1.81 -40.52	40.89 1.83 -18.52	59.20 0.48 -56.94	24.53 1.43 -7.25	24.89 1.72 -5.93	170.19 1.79 -150.23	33.45 1.76 -13.69	34.58 1.84 -14.58	31.38 2.05 -9.50	34.35 2.65 -5.04	39.45 3.27 -2.16	62.57 3.81 -22.10	44.16 3.38 -8.56	35.31 3.04 -2.58	63.32 2.83 -30.19	62.50 1.82 -41.11	26.94 1.41 -9.28	17.08 1.25 -0.01
CORTLAND_115KV_TB3 80093	18.22 0.28 0.00	16.23 0.24 0.00	18.08 0.25 0.00	17.94 0.22 0.00	16.49 0.25 0.00	15.36 0.24 0.00	21.57 0.45 0.00	20.96 0.42 0.00	1.75 -0.03 0.00	16.13 0.29 0.00	17.56 0.33 0.00	18.54 0.36 0.00	18.38 0.38 0.00	18.52 0.37 0.00	20.26 0.44 0.00	27.25 0.59 0.00	34.88 0.86 0.00	37.86 1.20 0.00	33.33 1.10 0.00	30.64 0.95 0.00	31.08 0.78 0.00	20.01 0.44 0.00	16.59 0.35 0.00	16.23 0.41 0.00

COXSACKIE___GT 23611	18.89 0.99 0.04	16.87 0.89 0.00	18.87 1.03 0.00	18.71 0.99 0.00	17.18 0.95 0.00	15.95 0.83 0.00	22.46 1.35 0.00	21.90 1.36 0.00	13.92 0.14 -12.00	16.59 0.69 -0.06	19.67 0.62 -1.81	19.00 0.59 -0.24	18.24 0.51 0.27	18.64 0.48 0.00	20.75 0.57 -0.35	27.25 0.90 0.31	35.27 1.24 0.00	38.74 2.08 0.00	34.69 2.47 0.00	32.01 2.32 0.00	32.42 2.12 0.00	20.84 1.27 0.00	17.18 0.94 0.00	16.61 0.79 0.00
CPV_VALLEY___CC1 323721	18.56 0.58 -0.05	16.46 0.48 0.00	18.34 0.51 0.00	18.18 0.47 0.00	16.73 0.49 0.00	15.65 0.54 0.00	22.05 0.94 0.00	21.54 1.00 0.00	-31.83 0.21 33.82	16.47 0.79 0.16	13.08 0.95 5.11	18.50 0.99 0.67	18.93 0.98 0.06	19.17 1.02 0.00	20.10 1.13 0.85	28.36 1.48 -0.22	35.88 1.86 0.00	38.86 2.20 0.00	34.20 1.98 0.00	31.42 1.73 0.00	31.89 1.59 0.00	20.58 1.01 0.00	17.01 0.77 0.00	16.49 0.67 0.00
CPV_VALLEY___CC2 323722	18.56 0.58 -0.05	16.46 0.48 0.00	18.34 0.51 0.00	18.18 0.47 0.00	16.73 0.49 0.00	15.65 0.54 0.00	22.05 0.94 0.00	21.54 1.00 0.00	-31.83 0.21 33.82	16.47 0.79 0.16	13.08 0.95 5.11	18.50 0.99 0.67	18.93 0.98 0.06	19.17 1.02 0.00	20.10 1.13 0.85	28.36 1.48 -0.22	35.88 1.86 0.00	38.86 2.20 0.00	34.20 1.98 0.00	31.42 1.73 0.00	31.89 1.59 0.00	20.58 1.01 0.00	17.01 0.77 0.00	16.49 0.67 0.00
CRESCENT___HYD 24018	18.32 0.49 0.11	16.45 0.47 0.00	18.38 0.54 0.00	18.21 0.49 0.00	16.73 0.49 0.00	15.60 0.48 0.00	21.90 0.79 0.00	21.36 0.82 0.00	17.12 0.15 -15.19	16.46 0.56 -0.07	20.12 0.58 -2.29	19.04 0.56 -0.30	16.86 0.53 1.67	18.70 0.54 0.00	20.79 0.63 -0.34	26.49 0.89 1.06	35.09 1.06 0.00	38.09 1.43 0.00	33.77 1.55 0.00	31.05 1.36 0.00	31.50 1.21 0.00	20.33 0.76 0.00	16.83 0.59 0.00	16.26 0.44 0.00
CRICKET___VALLEY_CC1 323756	17.24 0.45 1.14	16.40 0.42 0.00	18.29 0.45 0.00	18.10 0.38 0.00	16.65 0.42 0.00	15.61 0.49 0.00	21.92 0.81 0.00	21.44 0.90 0.00	29.24 0.25 -27.21	16.68 0.71 -0.13	22.23 0.88 -4.11	19.61 0.89 -0.54	-2.20 0.85 21.05	19.05 0.89 0.00	20.43 0.98 0.38	16.41 1.26 11.52	35.59 1.56 0.00	38.55 1.88 0.00	34.05 1.83 0.00	31.33 1.65 0.00	31.71 1.41 0.00	20.48 0.91 0.00	16.95 0.71 0.00	16.39 0.57 0.00
CRICKET___VALLEY_CC2 323757	17.24 0.45 1.14	16.40 0.42 0.00	18.29 0.45 0.00	18.10 0.38 0.00	16.65 0.42 0.00	15.61 0.49 0.00	21.92 0.81 0.00	21.44 0.90 0.00	29.24 0.25 -27.21	16.68 0.71 -0.13	22.23 0.88 -4.11	19.61 0.89 -0.54	-2.20 0.85 21.05	19.05 0.89 0.00	20.43 0.98 0.38	16.41 1.26 11.52	35.59 1.56 0.00	38.55 1.88 0.00	34.05 1.83 0.00	31.33 1.65 0.00	31.71 1.41 0.00	20.48 0.91 0.00	16.95 0.71 0.00	16.39 0.57 0.00
CRICKET___VALLEY_CC3 323758	17.24 0.45 1.14	16.40 0.42 0.00	18.29 0.45 0.00	18.10 0.38 0.00	16.65 0.42 0.00	15.61 0.49 0.00	21.92 0.81 0.00	21.44 0.90 0.00	29.24 0.25 -27.21	16.68 0.71 -0.13	22.23 0.88 -4.11	19.61 0.89 -0.54	-2.20 0.85 21.05	19.05 0.89 0.00	20.43 0.98 0.38	16.41 1.26 11.52	35.59 1.56 0.00	38.55 1.88 0.00	34.05 1.83 0.00	31.33 1.65 0.00	31.71 1.41 0.00	20.48 0.91 0.00	16.95 0.71 0.00	16.39 0.57 0.00
CRUCIBLE_METL_DRP 24180	18.11 0.17 0.00	16.14 0.16 0.00	17.98 0.15 0.00	17.84 0.12 0.00	16.39 0.15 0.00	15.25 0.13 0.00	21.31 0.20 0.00	20.66 0.12 0.00	1.72 -0.06 0.00	15.92 0.08 0.00	17.33 0.09 0.00	18.29 0.12 0.00	18.16 0.16 0.00	18.32 0.17 0.00	20.00 0.18 0.00	26.89 0.23 0.00	34.35 0.33 0.00	37.26 0.60 0.00	32.77 0.55 0.00	30.14 0.45 0.00	30.60 0.31 0.00	19.74 0.17 0.00	16.40 0.16 0.00	16.09 0.27 0.00
DAHOWA___HYDRO 323763	18.49 0.65 0.10	16.61 0.62 0.00	18.54 0.70 0.00	18.35 0.64 0.00	16.87 0.63 0.00	15.79 0.67 0.00	22.26 1.14 0.00	21.71 1.17 0.00	16.70 0.19 -14.74	16.67 0.77 -0.07	20.24 0.78 -2.22	19.21 0.74 -0.29	17.32 0.66 1.34	18.84 0.68 0.00	20.97 0.81 -0.34	26.95 1.17 0.87	35.53 1.50 0.00	38.65 1.99 0.00	34.36 2.13 0.00	31.57 1.88 0.00	31.95 1.65 0.00	20.60 1.03 0.00	17.04 0.80 0.00	16.44 0.62 0.00
DANC___LFGE 323619	18.50 0.56 0.00	16.44 0.45 0.00	18.33 0.50 0.00	18.21 0.50 0.00	16.74 0.50 0.00	15.64 0.52 0.00	21.97 0.86 0.00	21.32 0.78 0.00	1.79 0.01 0.00	16.19 0.36 0.00	17.53 0.29 0.00	18.48 0.30 0.00	18.33 0.33 0.00	18.48 0.32 0.00	20.11 0.28 0.00	26.97 0.31 0.00	34.47 0.44 0.00	37.77 1.11 0.00	33.54 1.32 0.00	31.02 1.33 0.00	31.36 1.06 0.00	20.22 0.66 0.00	16.70 0.46 0.00	16.22 0.40 0.00
DANSKAMMER___1 23586	18.83 0.83 -0.06	16.70 0.71 0.00	18.59 0.76 0.00	18.43 0.71 0.00	16.95 0.72 0.00	15.89 0.77 0.00	22.40 1.28 0.00	21.88 1.35 0.00	6.97 0.28 -4.92	16.96 1.09 -0.02	19.27 1.29 -0.74	19.61 1.32 -0.10	21.11 1.29 -1.82	19.49 1.33 0.00	21.77 1.48 -0.46	29.32 1.97 -0.69	36.56 2.54 0.00	39.60 2.94 0.00	34.89 2.67 0.00	32.05 2.36 0.00	32.48 2.18 0.00	20.95 1.38 0.00	17.30 1.06 0.00	16.74 0.92 0.00
DANSKAMMER___2 23589	18.83 0.83 -0.06	16.70 0.71 0.00	18.59 0.76 0.00	18.43 0.71 0.00	16.95 0.72 0.00	15.89 0.77 0.00	22.40 1.28 0.00	21.88 1.35 0.00	6.97 0.28 -4.92	16.96 1.09 -0.02	19.27 1.29 -0.74	19.61 1.32 -0.10	21.11 1.29 -1.82	19.49 1.33 0.00	21.77 1.48 -0.46	29.32 1.97 -0.69	36.56 2.54 0.00	39.60 2.94 0.00	34.89 2.67 0.00	32.05 2.36 0.00	32.48 2.18 0.00	20.95 1.38 0.00	17.30 1.06 0.00	16.74 0.92 0.00
DANSKAMMER___3 23590	18.83 0.83 -0.06	16.70 0.71 0.00	18.59 0.76 0.00	18.43 0.71 0.00	16.95 0.72 0.00	15.89 0.77 0.00	22.40 1.28 0.00	21.88 1.35 0.00	6.97 0.28 -4.92	16.96 1.09 -0.02	19.27 1.29 -0.74	19.61 1.32 -0.10	21.11 1.29 -1.82	19.49 1.33 0.00	21.77 1.48 -0.46	29.32 1.97 -0.69	36.56 2.54 0.00	39.60 2.94 0.00	34.89 2.67 0.00	32.05 2.36 0.00	32.48 2.18 0.00	20.95 1.38 0.00	17.30 1.06 0.00	16.74 0.92 0.00
DANSKAMMER___4 23591	18.83 0.83 -0.06	16.70 0.71 0.00	18.59 0.76 0.00	18.43 0.71 0.00	16.95 0.72 0.00	15.89 0.77 0.00	22.40 1.28 0.00	21.88 1.35 0.00	6.97 0.28 -4.92	16.96 1.09 -0.02	19.27 1.29 -0.74	19.61 1.32 -0.10	21.11 1.29 -1.82	19.49 1.33 0.00	21.77 1.48 -0.46	29.32 1.97 -0.69	36.56 2.54 0.00	39.60 2.94 0.00	34.89 2.67 0.00	32.05 2.36 0.00	32.48 2.18 0.00	20.95 1.38 0.00	17.30 1.06 0.00	16.74 0.92 0.00
DANSKAMMER___DIESEL 23592	18.83 0.83 -0.06	16.70 0.71 0.00	18.59 0.76 0.00	18.43 0.71 0.00	16.95 0.72 0.00	15.89 0.77 0.00	22.40 1.28 0.00	21.88 1.35 0.00	6.98 0.28 -4.92	16.96 1.10 -0.02	19.27 1.29 -0.74	19.60 1.32 -0.10	21.10 1.28 -1.82	19.49 1.33 0.00	21.77 1.48 -0.46	29.31 1.96 -0.69	36.56 2.53 0.00	39.60 2.94 0.00	34.89 2.67 0.00	32.05 2.36 0.00	32.48 2.18 0.00	20.95 1.38 0.00	17.30 1.06 0.00	16.74 0.92 0.00

DARBY___SOLAR 323810	18.47 0.63 0.10	16.58 0.59 0.00	18.51 0.68 0.00	18.33 0.61 0.00	16.84 0.61 0.00	15.75 0.64 0.00	22.19 1.08 0.00	21.63 1.10 0.00	16.76 0.18 -14.80	16.64 0.73 -0.07	20.23 0.75 -2.24	19.19 0.72 -0.29	17.25 0.65 1.40	18.83 0.67 0.00	20.96 0.79 -0.34	26.88 1.13 0.91	35.46 1.44 0.00	38.56 1.89 0.00	34.24 2.01 0.00	31.46 1.77 0.00	31.85 1.55 0.00	20.54 0.97 0.00	16.99 0.75 0.00	16.41 0.59 0.00
DASHVILLE___HYD 23610	18.55 0.59 -0.02	16.46 0.47 0.00	18.34 0.50 0.00	18.17 0.46 0.00	16.72 0.48 0.00	15.68 0.56 0.00	22.13 1.01 0.00	21.60 1.06 0.00	7.98 0.23 -5.97	16.70 0.84 -0.03	19.16 1.02 -0.90	19.34 1.05 -0.11	19.90 1.04 -0.87	19.22 1.06 0.00	21.34 1.21 -0.31	28.54 1.61 -0.27	36.24 2.22 0.00	38.95 2.29 0.00	34.33 2.11 0.00	31.56 1.88 0.00	32.01 1.71 0.00	20.66 1.09 0.00	17.08 0.84 0.00	16.52 0.70 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.09 1.90 -10.25	17.62 1.63 0.00	19.53 1.70 0.00	19.38 1.67 0.00	18.12 1.72 -0.16	16.92 1.70 -0.10	95.85 2.70 -72.03	75.38 2.66 -52.19	87.00 0.54 -84.68	25.12 2.03 -7.25	25.40 2.24 -5.93	169.74 2.29 -149.28	29.48 2.24 -9.25	35.06 2.32 -14.58	31.97 2.65 -9.50	35.28 3.58 -5.04	40.57 4.39 -2.16	63.87 5.11 -22.10	45.37 4.59 -8.56	36.52 4.25 -2.58	64.52 4.04 -30.19	25.06 2.47 -3.03	18.89 1.97 -0.68	17.60 1.78 0.00
DELAWARE___LFGE 323621	18.39 0.45 0.00	16.38 0.40 0.00	18.30 0.46 0.00	18.16 0.45 0.00	16.68 0.45 0.00	15.56 0.44 0.00	21.83 0.72 0.00	21.27 0.74 0.00	-1.23 0.10 3.12	16.41 0.58 0.02	17.44 0.67 0.47	18.83 0.72 0.06	18.59 0.70 0.12	18.86 0.71 0.00	20.53 0.80 0.09	27.69 1.06 0.03	35.39 1.37 0.00	38.29 1.63 0.00	33.69 1.47 0.00	30.98 1.30 0.00	31.49 1.19 0.00	20.31 0.74 0.00	16.81 0.57 0.00	16.34 0.52 0.00
DERFIELD_115KV_TB7 355931	17.95 0.01 0.00	15.99 0.01 0.00	17.85 0.02 0.00	17.72 0.01 0.00	16.25 0.02 0.00	15.14 0.03 0.00	21.20 0.09 0.00	20.63 0.09 0.00	1.79 0.01 0.00	15.90 0.06 0.00	17.31 0.07 0.00	18.25 0.07 0.00	18.05 0.05 0.00	18.21 0.05 0.00	19.90 0.08 0.00	26.76 0.10 0.00	34.14 0.12 0.00	36.91 0.24 0.00	32.48 0.26 0.00	29.92 0.23 0.00	30.46 0.16 0.00	19.66 0.10 0.00	16.29 0.05 0.00	15.87 0.05 0.00
DOGLEVILLE___HYD 23807	17.86 -0.08 0.00	15.91 -0.08 0.00	17.79 -0.04 0.00	17.60 -0.11 0.00	16.19 -0.04 0.00	15.11 -0.01 0.00	21.34 0.23 0.00	20.99 0.46 0.00	1.91 0.13 0.00	16.09 0.25 0.00	17.39 0.15 0.00	18.16 -0.02 0.00	17.89 -0.11 0.00	18.05 -0.10 0.00	19.75 -0.07 0.00	26.57 -0.10 0.00	33.99 -0.04 0.00	37.35 0.68 0.00	33.30 1.08 0.00	30.62 0.93 0.00	31.05 0.75 0.00	20.00 0.43 0.00	16.50 0.26 0.00	15.93 0.11 0.00
DUNKIRK___115KV_TB_200 55889	18.42 0.48 0.00	16.46 0.48 0.00	18.29 0.45 0.00	18.06 0.35 0.00	16.67 0.43 0.00	15.47 0.36 0.00	22.00 0.88 0.00	21.13 0.60 0.00	1.37 -0.41 0.00	16.47 0.63 0.00	18.04 0.80 0.00	19.13 0.95 0.00	19.07 1.07 0.00	19.24 1.08 0.00	21.12 1.29 0.00	28.30 1.64 0.00	36.28 2.25 0.00	39.66 3.00 0.00	34.24 2.01 0.00	31.24 1.56 0.00	31.38 1.08 0.00	20.20 0.63 0.00	16.81 0.57 0.00	16.85 1.03 0.00
DUNKIRK___1 23563	18.42 0.48 0.00	16.46 0.48 0.00	18.29 0.45 0.00	18.06 0.35 0.00	16.67 0.43 0.00	15.47 0.36 0.00	22.00 0.88 0.00	21.13 0.60 0.00	1.37 -0.41 0.00	16.47 0.63 0.00	18.04 0.80 0.00	19.13 0.95 0.00	19.07 1.07 0.00	19.24 1.08 0.00	21.12 1.29 0.00	28.30 1.64 0.00	36.28 2.25 0.00	39.66 3.00 0.00	34.24 2.01 0.00	31.24 1.56 0.00	31.38 1.08 0.00	20.20 0.63 0.00	16.81 0.57 0.00	16.85 1.03 0.00
DUNKIRK___2 23564	18.42 0.48 0.00	16.46 0.48 0.00	18.29 0.45 0.00	18.06 0.35 0.00	16.67 0.43 0.00	15.47 0.36 0.00	22.00 0.88 0.00	21.13 0.60 0.00	1.37 -0.41 0.00	16.47 0.63 0.00	18.04 0.80 0.00	19.13 0.95 0.00	19.07 1.07 0.00	19.24 1.08 0.00	21.12 1.29 0.00	28.30 1.64 0.00	36.28 2.25 0.00	39.66 3.00 0.00	34.24 2.01 0.00	31.24 1.56 0.00	31.38 1.08 0.00	20.20 0.63 0.00	16.81 0.57 0.00	16.85 1.03 0.00
DUNKIRK___3 23565	18.32 0.39 0.00	16.38 0.40 0.00	18.20 0.36 0.00	17.98 0.26 0.00	16.59 0.35 0.00	15.40 0.28 0.00	21.89 0.78 0.00	21.05 0.51 0.00	1.38 -0.40 0.00	16.39 0.55 0.00	17.95 0.72 0.00	19.03 0.86 0.00	18.97 0.97 0.00	19.14 0.98 0.00	21.01 1.18 0.00	28.15 1.49 0.00	36.09 2.06 0.00	39.43 2.77 0.00	34.04 1.82 0.00	31.06 1.37 0.00	31.21 0.91 0.00	20.09 0.52 0.00	16.72 0.48 0.00	16.75 0.93 0.00
DUNKIRK___4 23566	18.40 0.46 0.00	16.45 0.47 0.00	18.28 0.45 0.00	18.06 0.34 0.00	16.66 0.42 0.00	15.46 0.34 0.00	21.96 0.84 0.00	21.09 0.55 0.00	1.36 -0.42 0.00	16.44 0.61 0.00	18.00 0.76 0.00	19.09 0.91 0.00	19.04 1.04 0.00	19.20 1.05 0.00	21.09 1.26 0.00	28.25 1.58 0.00	36.19 2.16 0.00	39.58 2.92 0.00	34.18 1.96 0.00	31.18 1.50 0.00	31.31 1.02 0.00	20.17 0.60 0.00	16.80 0.56 0.00	16.85 1.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.86 0.84 -0.08	16.69 0.71 0.00	18.58 0.75 0.00	18.40 0.68 0.00	16.95 0.71 0.00	15.89 0.78 0.00	22.42 1.31 0.00	21.91 1.38 0.00	41.46 0.30 -39.38	17.16 1.13 -0.19	24.53 1.35 -5.95	20.37 1.41 -0.78	22.39 1.40 -2.99	19.62 1.46 -0.01	22.66 1.61 -1.23	29.96 2.07 -1.23	36.59 2.56 0.00	39.62 2.96 0.00	34.86 2.63 0.00	32.02 2.33 0.00	32.44 2.14 0.00	20.97 1.41 0.00	17.32 1.08 0.00	16.74 0.92 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.71 0.71 -0.05	16.58 0.60 0.00	18.47 0.63 0.00	18.30 0.59 0.00	16.84 0.60 0.00	15.78 0.66 0.00	22.24 1.13 0.00	21.73 1.20 0.00	-11.17 0.24 13.19	16.72 0.95 0.06	16.36 1.12 1.99	19.08 1.16 0.26	20.56 1.14 -1.42	19.34 1.19 0.00	21.22 1.33 -0.07	28.88 1.75 -0.47	36.28 2.25 0.00	39.28 2.63 0.00	34.60 2.38 0.00	31.79 2.10 0.00	32.24 1.94 0.00	20.79 1.23 0.00	17.17 0.94 0.00	16.63 0.81 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.91 0.89 -0.08	16.75 0.77 0.00	18.66 0.83 0.00	18.47 0.75 0.00	17.01 0.78 0.00	15.96 0.84 0.00	22.50 1.39 0.00	21.97 1.44 0.00	41.49 0.36 -39.35	17.22 1.21 -0.17	24.62 1.45 -5.94	20.49 1.53 -0.78	22.89 1.52 -3.37	22.05 1.58 -2.32	22.80 1.75 -1.22	30.11 2.23 -1.22	36.79 2.77 0.00	39.82 3.16 0.00	35.11 2.88 0.00	32.29 2.60 0.00	33.37 2.42 -0.66	21.07 1.51 0.00	17.39 1.15 0.00	16.80 0.99 0.00
E179THST_13_KV_LOAD 356214	18.98 0.96 -0.08	16.82 0.83 0.00	18.73 0.90 0.00	18.54 0.82 0.00	17.07 0.84 0.00	16.02 0.91 0.00	22.60 1.48 0.00	22.07 1.53 0.00	41.50 0.37 -39.35	17.30 1.29 -0.17	24.72 1.54 -5.94	20.58 1.63 -0.78	22.99 1.62 -3.37	22.16 1.68 -2.32	22.91 1.86 -1.22	30.28 2.39 -1.22	37.00 2.97 0.00	40.04 3.38 0.00	35.30 3.08 0.00	32.47 2.78 0.00	33.54 2.59 -0.66	21.17 1.61 0.00	17.48 1.24 0.00	16.89 1.07 0.00

EAST HAMPTON___GT 23717	30.28 2.09 -10.25	17.79 1.81 0.00	19.72 1.89 0.00	19.58 1.86 0.00	18.31 1.90 -0.17	17.10 1.87 -0.11	96.11 2.97 -72.03	75.64 2.92 -52.18	87.01 0.55 -84.68	25.33 2.24 -7.25	25.63 2.46 -5.93	169.98 2.52 -149.28	29.73 2.49 -9.25	35.30 2.56 -14.58	32.24 2.92 -9.50	35.65 3.95 -5.04	41.09 4.91 -2.16	64.41 5.65 -22.10	45.88 5.10 -8.56	36.98 4.71 -2.58	64.96 4.47 -30.19	25.32 2.73 -3.03	19.09 2.17 -0.68	17.78 1.96 0.00
EAST RIVER___6 23660	18.93 0.91 -0.08	16.76 0.78 0.00	18.65 0.82 0.00	18.47 0.75 0.00	17.02 0.79 0.00	15.99 0.87 0.00	22.55 1.44 0.00	22.04 1.51 0.00	41.47 0.34 -39.36	17.33 1.31 -0.19	24.73 1.55 -5.94	20.61 1.66 -0.77	23.01 1.64 -3.36	22.13 1.69 -2.29	22.92 1.87 -1.23	30.29 2.41 -1.23	37.02 3.00 0.00	40.07 3.41 0.00	35.18 2.96 0.00	32.29 2.60 0.00	32.68 2.38 0.00	21.17 1.60 0.00	17.50 1.26 0.00	16.88 1.06 0.00
EAST RIVER___7 23524	18.93 0.91 -0.08	16.76 0.78 0.00	18.65 0.82 0.00	18.47 0.75 0.00	17.02 0.79 0.00	15.99 0.87 0.00	22.55 1.44 0.00	22.04 1.51 0.00	41.47 0.34 -39.36	17.33 1.31 -0.19	24.73 1.55 -5.94	20.61 1.66 -0.77	23.01 1.64 -3.36	22.13 1.69 -2.29	22.92 1.87 -1.23	30.29 2.41 -1.23	37.02 3.00 0.00	40.07 3.41 0.00	35.18 2.96 0.00	32.29 2.60 0.00	32.68 2.38 0.00	21.17 1.60 0.00	17.50 1.26 0.00	16.88 1.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.81 0.79 -0.08	16.65 0.66 0.00	18.54 0.70 0.00	18.36 0.64 0.00	16.91 0.67 0.00	15.86 0.74 0.00	22.37 1.26 0.00	21.86 1.32 0.00	42.50 0.29 -40.42	17.11 1.08 -0.19	24.63 1.29 -6.10	20.33 1.35 -0.80	22.34 1.33 -3.01	19.55 1.39 -0.01	22.62 1.54 -1.25	29.87 1.98 -1.23	36.49 2.46 0.00	39.51 2.86 0.00	34.78 2.55 0.00	31.94 2.25 0.00	32.37 2.08 0.00	20.91 1.35 0.00	17.27 1.04 0.00	16.70 0.88 0.00
EAST_HAMPTON___DIESEL 23722	30.28 2.09 -10.25	17.79 1.81 0.00	19.72 1.89 0.00	19.58 1.86 0.00	18.31 1.90 -0.17	17.10 1.87 -0.11	96.11 2.97 -72.03	75.64 2.92 -52.18	87.01 0.55 -84.68	25.34 2.24 -7.25	25.63 2.46 -5.93	169.98 2.52 -149.28	29.73 2.49 -9.25	35.30 2.56 -14.58	32.24 2.92 -9.50	35.66 3.96 -5.04	41.09 4.91 -2.16	64.41 5.65 -22.10	45.88 5.10 -8.56	36.98 4.71 -2.58	64.97 4.48 -30.19	25.32 2.73 -3.03	19.09 2.17 -0.68	17.78 1.96 0.00
EAST_PULASKI___ESR 323781	18.37 0.43 0.00	16.34 0.35 0.00	18.22 0.39 0.00	18.08 0.36 0.00	16.61 0.38 0.00	15.50 0.38 0.00	21.72 0.60 0.00	21.06 0.52 0.00	1.77 -0.02 0.00	16.10 0.27 0.00	17.49 0.25 0.00	18.46 0.28 0.00	18.30 0.30 0.00	18.43 0.28 0.00	20.03 0.21 0.00	26.83 0.17 0.00	34.28 0.25 0.00	37.42 0.76 0.00	33.11 0.89 0.00	30.55 0.87 0.00	31.01 0.72 0.00	20.05 0.49 0.00	16.63 0.39 0.00	16.25 0.43 0.00
EAST_RIVER___1 323558	18.93 0.91 -0.08	16.75 0.77 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.85 0.00	22.53 1.42 0.00	22.02 1.48 0.00	41.47 0.33 -39.36	17.28 1.26 -0.19	24.69 1.51 -5.94	20.56 1.61 -0.77	22.97 1.60 -3.36	22.10 1.66 -2.29	22.89 1.83 -1.23	30.23 2.35 -1.23	36.93 2.91 0.00	39.97 3.30 0.00	35.11 2.88 0.00	32.23 2.54 0.00	32.65 2.35 0.00	21.13 1.57 0.00	17.45 1.21 0.00	16.85 1.03 0.00
EAST_RIVER___2 323559	18.93 0.91 -0.08	16.76 0.78 0.00	18.65 0.82 0.00	18.47 0.75 0.00	17.02 0.79 0.00	15.99 0.87 0.00	22.55 1.44 0.00	22.04 1.51 0.00	41.47 0.34 -39.36	17.33 1.31 -0.19	24.73 1.55 -5.94	20.61 1.66 -0.77	23.01 1.64 -3.36	22.13 1.69 -2.29	22.92 1.87 -1.23	30.29 2.41 -1.23	37.02 3.00 0.00	40.07 3.41 0.00	35.18 2.96 0.00	32.29 2.60 0.00	32.68 2.38 0.00	21.17 1.60 0.00	17.50 1.26 0.00	16.88 1.06 0.00
EAST___DELAWARE_HYD 23607	18.57 0.59 -0.03	16.46 0.48 0.00	18.34 0.51 0.00	18.17 0.46 0.00	16.72 0.48 0.00	15.68 0.56 0.00	22.12 1.00 0.00	21.62 1.08 0.00	-5.83 0.24 7.85	16.60 0.80 0.04	17.03 0.98 1.18	19.07 1.05 0.16	19.58 1.00 -0.58	19.18 1.03 0.00	20.89 1.16 0.09	28.46 1.51 -0.28	36.21 2.19 0.00	39.21 2.55 0.00	34.57 2.34 0.00	31.77 2.08 0.00	32.21 1.92 0.00	20.76 1.19 0.00	17.14 0.90 0.00	16.59 0.77 0.00
EIGHT_POINT___WT_PWR 323820	18.33 0.39 0.00	16.46 0.48 0.00	18.28 0.45 0.00	18.11 0.39 0.00	16.73 0.50 0.00	15.58 0.46 0.00	22.20 1.09 0.00	21.43 0.89 0.00	1.51 -0.27 0.00	16.54 0.70 0.00	18.03 0.79 0.00	19.07 0.89 0.00	18.96 0.96 0.00	19.15 0.99 0.00	20.96 1.14 0.00	28.12 1.46 0.00	36.06 2.04 0.00	39.38 2.72 0.00	34.29 2.07 0.00	31.44 1.75 0.00	31.66 1.36 0.00	20.35 0.78 0.00	16.92 0.68 0.00	16.80 0.98 0.00
ELBRIDGE_115KV_TB2 80188	17.93 -0.01 0.00	16.00 0.02 0.00	17.82 -0.02 0.00	17.67 -0.04 0.00	16.26 0.02 0.00	15.11 -0.01 0.00	21.11 -0.01 0.00	20.46 -0.08 0.00	1.70 -0.08 0.00	15.76 -0.07 0.00	17.16 -0.08 0.00	18.11 -0.06 0.00	17.98 -0.03 0.00	18.13 -0.02 0.00	19.82 0.00 0.00	26.66 0.00 0.00	34.04 0.02 0.00	36.91 0.25 0.00	32.45 0.23 0.00	29.87 0.18 0.00	30.30 0.00 0.00	19.56 -0.01 0.00	16.25 0.01 0.00	15.93 0.11 0.00
ELEC_TRO_TEK 24086	29.34 1.15 -10.25	16.95 0.97 0.00	18.84 1.00 0.00	18.69 0.97 0.00	17.41 1.01 -0.16	16.27 1.06 -0.09	65.39 1.70 -42.58	42.99 1.73 -20.72	60.98 0.45 -58.75	24.45 1.37 -7.25	24.78 1.62 -5.93	169.56 1.69 -149.69	30.84 1.65 -11.19	34.47 1.74 -14.58	31.24 1.92 -9.50	34.17 2.47 -5.04	39.19 3.01 -2.16	62.28 3.52 -22.10	43.91 3.13 -8.56	35.06 2.79 -2.58	63.08 2.59 -30.19	40.63 1.68 -19.38	21.92 1.30 -4.37	16.96 1.14 0.00
ELLENBURG_WT_PWR 323604	18.21 0.27 0.00	16.20 0.21 0.00	18.05 0.22 0.00	17.94 0.22 0.00	16.45 0.21 0.00	15.32 0.20 0.00	21.54 0.43 0.00	21.02 0.49 0.00	1.85 0.07 0.00	16.16 0.32 0.00	17.50 0.27 0.00	18.37 0.19 0.00	18.18 0.18 0.00	18.39 0.24 0.00	20.12 0.30 0.00	27.10 0.44 0.00	34.71 0.68 0.00	37.13 0.47 0.00	32.64 0.42 0.00	30.02 0.33 0.00	30.29 0.00 0.00	19.36 -0.21 0.00	16.03 -0.21 0.00	15.25 -0.57 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.21 0.28 0.00	16.32 0.33 0.00	18.16 0.33 0.00	17.92 0.21 0.00	16.51 0.28 0.00	15.32 0.20 0.00	21.66 0.55 0.00	20.74 0.20 0.00	1.31 -0.47 0.00	16.22 0.38 0.00	17.71 0.47 0.00	18.81 0.63 0.00	18.77 0.77 0.00	18.92 0.77 0.00	20.77 0.94 0.00	27.83 1.17 0.00	35.57 1.54 0.00	38.96 2.30 0.00	33.67 1.44 0.00	30.71 1.02 0.00	30.83 0.54 0.00	19.89 0.33 0.00	16.60 0.36 0.00	16.72 0.90 0.00
EMPIRE_CC_1 323656	18.00 0.21 0.15	16.22 0.24 0.00	18.18 0.34 0.00	18.01 0.29 0.00	16.54 0.30 0.00	15.38 0.26 0.00	21.55 0.44 0.00	21.01 0.47 0.00	19.34 0.09 -17.46	16.21 0.29 -0.08	20.20 0.32 -2.64	18.81 0.30 -0.34	16.10 0.33 2.23	18.50 0.35 0.00	20.57 0.38 -0.37	25.77 0.48 1.37	34.50 0.48 0.00	37.41 0.75 0.00	33.15 0.93 0.00	30.48 0.79 0.00	30.95 0.65 0.00	20.00 0.43 0.00	16.60 0.37 0.00	16.05 0.23 0.00

EMPIRE_CC_2 323658	18.00 0.21 0.15	16.22 0.24 0.00	18.18 0.34 0.00	18.01 0.29 0.00	16.54 0.30 0.00	15.38 0.26 0.00	21.55 0.44 0.00	21.01 0.47 0.00	19.34 0.09 -17.46	16.21 0.29 -0.08	20.20 0.32 -2.64	18.81 0.30 -0.34	16.10 0.33 2.23	18.50 0.35 0.00	20.57 0.38 -0.37	25.77 0.48 1.37	34.50 0.48 0.00	37.41 0.75 0.00	33.15 0.93 0.00	30.48 0.79 0.00	30.95 0.65 0.00	20.00 0.43 0.00	16.60 0.37 0.00	16.05 0.23 0.00
ENORWICH_115KV_TB1 80156	18.97 1.04 0.00	16.91 0.93 0.00	18.85 1.01 0.00	18.71 1.00 0.00	17.24 1.00 0.00	16.13 1.02 0.00	22.92 1.80 0.00	22.30 1.77 0.00	1.84 0.06 0.00	17.11 1.27 0.00	18.53 1.29 0.00	19.60 1.42 0.00	19.40 1.40 0.00	19.41 1.25 0.00	21.20 1.37 0.00	28.74 2.08 0.00	36.84 2.82 0.00	40.41 3.75 0.00	35.73 3.50 0.00	32.90 3.22 0.00	33.25 2.96 0.00	21.29 1.73 0.00	17.56 1.32 0.00	17.12 1.30 0.00
ERIE_ST__34_KV_TB1-2 80199	18.59 0.65 0.00	16.64 0.65 0.00	18.51 0.67 0.00	18.27 0.56 0.00	16.84 0.61 0.00	15.63 0.51 0.00	22.15 1.04 0.00	21.26 0.72 0.00	1.35 -0.43 0.00	16.63 0.80 0.00	18.18 0.94 0.00	19.31 1.13 0.00	19.27 1.27 0.00	19.44 1.28 0.00	21.36 1.53 0.00	28.65 1.99 0.00	36.64 2.62 0.00	40.11 3.45 0.00	34.66 2.43 0.00	31.60 1.92 0.00	31.72 1.43 0.00	20.43 0.86 0.00	17.01 0.78 0.00	17.07 1.25 0.00
ERIE_WT_PWR 323693	18.35 0.41 0.00	16.43 0.45 0.00	18.29 0.46 0.00	18.05 0.33 0.00	16.63 0.40 0.00	15.44 0.32 0.00	21.86 0.75 0.00	20.94 0.41 0.00	1.33 -0.45 0.00	16.39 0.55 0.00	17.88 0.64 0.00	18.99 0.81 0.00	18.93 0.93 0.00	19.12 0.96 0.00	21.02 1.19 0.00	28.10 1.44 0.00	35.95 1.92 0.00	39.37 2.71 0.00	34.01 1.78 0.00	31.04 1.36 0.00	31.16 0.87 0.00	20.09 0.52 0.00	16.75 0.51 0.00	16.85 1.03 0.00
ESPRGFLD_115KV_TB1 80157	18.61 0.67 0.00	16.57 0.59 0.00	18.50 0.67 0.00	18.37 0.65 0.00	16.88 0.64 0.00	15.77 0.65 0.00	22.19 1.08 0.00	21.63 1.10 0.00	-1.25 0.13 3.16	16.67 0.85 0.02	17.72 0.96 0.48	19.13 1.02 0.06	18.89 1.00 0.12	19.14 0.99 0.00	20.86 1.12 0.09	28.12 1.49 0.03	35.97 1.95 0.00	39.02 2.36 0.00	34.37 2.15 0.00	31.59 1.91 0.00	32.08 1.79 0.00	20.65 1.08 0.00	17.06 0.82 0.00	16.57 0.75 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.34 0.40 0.00	16.35 0.37 0.00	18.20 0.37 0.00	18.06 0.34 0.00	16.61 0.37 0.00	15.47 0.35 0.00	21.75 0.64 0.00	21.13 0.60 0.00	1.75 -0.03 0.00	16.24 0.40 0.00	17.66 0.42 0.00	18.63 0.45 0.00	18.49 0.48 0.00	18.62 0.46 0.00	20.35 0.52 0.00	27.42 0.76 0.00	35.11 1.09 0.00	38.22 1.55 0.00	33.69 1.47 0.00	30.99 1.30 0.00	31.41 1.11 0.00	20.21 0.64 0.00	16.74 0.50 0.00	16.37 0.55 0.00
ETNA_____115KV_TB2 80207	18.34 0.40 0.00	16.35 0.37 0.00	18.20 0.37 0.00	18.06 0.34 0.00	16.61 0.37 0.00	15.47 0.35 0.00	21.75 0.64 0.00	21.13 0.60 0.00	1.75 -0.03 0.00	16.24 0.40 0.00	17.66 0.42 0.00	18.63 0.45 0.00	18.49 0.48 0.00	18.62 0.46 0.00	20.35 0.52 0.00	27.42 0.76 0.00	35.11 1.09 0.00	38.22 1.55 0.00	33.69 1.47 0.00	30.99 1.30 0.00	31.41 1.11 0.00	20.21 0.64 0.00	16.74 0.50 0.00	16.37 0.55 0.00
EUCLID__115KV_TB2 356179	17.84 -0.10 0.00	15.90 -0.08 0.00	17.73 -0.10 0.00	17.59 -0.13 0.00	16.16 -0.08 0.00	15.03 -0.09 0.00	20.96 -0.15 0.00	20.30 -0.23 0.00	1.70 -0.09 0.00	15.66 -0.18 0.00	17.05 -0.19 0.00	18.00 -0.18 0.00	17.85 -0.14 0.00	18.02 -0.14 0.00	19.69 -0.14 0.00	26.47 -0.19 0.00	33.80 -0.23 0.00	36.62 -0.04 0.00	32.19 -0.03 0.00	29.60 -0.09 0.00	30.07 -0.22 0.00	19.39 -0.18 0.00	16.12 -0.12 0.00	15.85 0.03 0.00
E_CANADA_CAP_HY 24051	19.42 1.55 0.07	17.33 1.35 0.00	19.29 1.46 0.00	19.19 1.47 0.00	17.61 1.37 0.00	16.47 1.35 0.00	23.21 2.10 0.00	22.46 1.92 0.00	15.97 -0.05 -14.23	17.33 1.43 -0.07	20.88 1.49 -2.15	20.00 1.55 -0.28	18.75 1.66 0.91	19.86 1.71 0.00	21.96 1.78 -0.35	28.30 2.27 0.64	37.07 3.05 0.00	39.80 3.14 0.00	34.89 2.67 0.00	32.08 2.39 0.00	32.54 2.24 0.00	21.04 1.47 0.00	17.40 1.16 0.00	17.04 1.22 0.00
E_CANADA_MHWK_HY 24050	17.86 -0.08 0.00	15.91 -0.08 0.00	17.79 -0.04 0.00	17.60 -0.11 0.00	16.19 -0.04 0.00	15.11 -0.01 0.00	21.34 0.23 0.00	20.99 0.46 0.00	1.91 0.13 0.00	16.09 0.25 0.00	17.39 0.15 0.00	18.16 -0.02 0.00	17.89 -0.11 0.00	18.05 -0.10 0.00	19.75 -0.07 0.00	26.57 -0.10 0.00	33.99 -0.04 0.00	37.35 0.68 0.00	33.30 1.08 0.00	30.62 0.93 0.00	31.05 0.75 0.00	20.00 0.43 0.00	16.50 0.26 0.00	15.93 0.11 0.00
E_FISHKILL__LBMP 23776	18.70 0.67 -0.09	16.56 0.57 0.00	18.45 0.62 0.00	18.28 0.56 0.00	16.82 0.58 0.00	15.76 0.65 0.00	22.20 1.08 0.00	21.68 1.15 0.00	31.54 0.27 -29.49	16.91 0.93 -0.14	22.80 1.11 -4.45	19.91 1.15 -0.58	21.99 1.13 -2.86	19.34 1.18 0.00	22.10 1.31 -0.97	29.57 1.69 -1.22	36.11 2.08 0.00	39.10 2.43 0.00	34.46 2.23 0.00	31.66 1.98 0.00	32.09 1.80 0.00	20.73 1.17 0.00	17.14 0.90 0.00	16.57 0.76 0.00
FALCON__SEABRD_CC1 323796	18.38 0.44 0.00	16.35 0.37 0.00	18.23 0.40 0.00	18.10 0.38 0.00	16.61 0.37 0.00	15.46 0.35 0.00	21.81 0.69 0.00	21.26 0.73 0.00	1.88 0.10 0.00	16.33 0.50 0.00	17.67 0.44 0.00	18.53 0.35 0.00	18.33 0.33 0.00	18.58 0.43 0.00	20.35 0.52 0.00	27.42 0.76 0.00	35.12 1.10 0.00	37.61 0.94 0.00	33.08 0.86 0.00	30.38 0.69 0.00	30.59 0.29 0.00	19.56 0.00 0.00	16.21 -0.03 0.00	15.37 -0.45 0.00
FALCON__SEABRD_CC2 323797	18.38 0.44 0.00	16.35 0.37 0.00	18.23 0.40 0.00	18.10 0.38 0.00	16.61 0.37 0.00	15.46 0.35 0.00	21.81 0.69 0.00	21.26 0.73 0.00	1.88 0.10 0.00	16.33 0.50 0.00	17.67 0.44 0.00	18.53 0.35 0.00	18.33 0.33 0.00	18.58 0.43 0.00	20.35 0.52 0.00	27.42 0.76 0.00	35.12 1.10 0.00	37.61 0.94 0.00	33.08 0.86 0.00	30.38 0.69 0.00	30.59 0.29 0.00	19.56 0.00 0.00	16.21 -0.03 0.00	15.37 -0.45 0.00
FAR ROCKAWAY__4 23548	29.61 1.42 -10.25	17.18 1.20 0.00	19.08 1.25 0.00	18.92 1.20 0.00	17.63 1.23 -0.16	16.48 1.27 -0.09	63.61 1.98 -40.52	41.06 2.00 -18.52	59.22 0.50 -56.94	24.66 1.57 -7.25	25.04 1.87 -5.93	170.41 1.95 -150.29	33.86 1.88 -13.98	34.75 2.01 -14.58	31.57 2.25 -9.50	34.63 2.93 -5.04	39.82 3.64 -2.16	62.98 4.22 -22.10	44.51 3.73 -8.56	35.63 3.36 -2.58	63.61 3.12 -30.19	65.16 2.00 -43.59	27.64 1.56 -9.85	17.21 1.38 -0.01
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.93 0.91 -0.08	16.76 0.78 0.00	18.65 0.82 0.00	18.46 0.75 0.00	17.01 0.77 0.00	15.96 0.85 0.00	22.53 1.42 0.00	22.02 1.48 0.00	41.47 0.33 -39.36	17.28 1.26 -0.19	24.69 1.51 -5.94	20.56 1.60 -0.77	22.96 1.59 -3.37	22.11 1.66 -2.30	22.89 1.83 -1.23	30.23 2.35 -1.23	36.91 2.89 0.00	39.96 3.29 0.00	35.11 2.88 0.00	32.23 2.54 0.00	32.65 2.35 0.00	21.13 1.57 0.00	17.45 1.21 0.00	16.85 1.03 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.95 0.93 -0.08	16.77 0.78 0.00	18.66 0.83 0.00	18.48 0.76 0.00	17.02 0.78 0.00	15.97 0.85 0.00	22.55 1.43 0.00	22.04 1.50 0.00	41.46 0.32 -39.36	17.29 1.27 -0.19	24.70 1.52 -5.94	20.56 1.61 -0.77	22.97 1.60 -3.37	22.12 1.67 -2.30	22.90 1.85 -1.23	30.25 2.36 -1.23	36.94 2.91 0.00	39.98 3.32 0.00	35.13 2.91 0.00	32.25 2.56 0.00	32.67 2.38 0.00	21.15 1.58 0.00	17.46 1.22 0.00	16.87 1.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.93 0.91 -0.08	16.75 0.77 0.00	18.65 0.82 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.85 0.00	22.53 1.42 0.00	22.02 1.49 0.00	41.47 0.33 -39.36	17.28 1.26 -0.19	24.69 1.51 -5.94	20.56 1.61 -0.77	22.96 1.59 -3.37	22.11 1.66 -2.30	22.89 1.83 -1.23	30.23 2.35 -1.23	36.91 2.88 0.00	39.96 3.29 0.00	35.11 2.88 0.00	32.22 2.53 0.00	32.64 2.34 0.00	21.13 1.56 0.00	17.45 1.21 0.00	16.85 1.03 0.00
FARRAGUT___LBMP 323566	18.92 0.90 -0.08	16.74 0.76 0.00	18.63 0.80 0.00	18.45 0.73 0.00	16.99 0.76 0.00	15.95 0.83 0.00	22.51 1.40 0.00	22.00 1.46 0.00	41.46 0.32 -39.36	17.26 1.24 -0.19	24.66 1.48 -5.94	20.53 1.57 -0.77	22.93 1.57 -3.37	22.08 1.63 -2.30	22.86 1.80 -1.23	30.19 2.30 -1.23	36.86 2.84 0.00	39.89 3.23 0.00	35.06 2.83 0.00	32.19 2.50 0.00	32.61 2.31 0.00	21.11 1.55 0.00	17.43 1.19 0.00	16.84 1.02 0.00
FENNER___WINDPWR 24204	18.29 0.35 0.00	16.28 0.30 0.00	18.16 0.33 0.00	18.03 0.31 0.00	16.56 0.32 0.00	15.44 0.32 0.00	21.69 0.57 0.00	21.08 0.55 0.00	1.79 0.01 0.00	16.21 0.38 0.00	17.65 0.41 0.00	18.61 0.43 0.00	18.41 0.41 0.00	18.55 0.39 0.00	20.29 0.46 0.00	27.29 0.63 0.00	34.93 0.90 0.00	37.94 1.28 0.00	33.47 1.24 0.00	30.79 1.11 0.00	31.25 0.95 0.00	20.12 0.55 0.00	16.66 0.42 0.00	16.26 0.44 0.00
FIBERTEK___ENERGY 23856	18.11 0.17 0.00	16.14 0.16 0.00	17.98 0.15 0.00	17.84 0.12 0.00	16.39 0.15 0.00	15.25 0.13 0.00	21.31 0.20 0.00	20.66 0.12 0.00	1.72 -0.06 0.00	15.92 0.08 0.00	17.33 0.09 0.00	18.29 0.12 0.00	18.16 0.16 0.00	18.32 0.17 0.00	20.00 0.18 0.00	26.89 0.23 0.00	34.35 0.33 0.00	37.26 0.60 0.00	32.77 0.55 0.00	30.14 0.45 0.00	30.60 0.31 0.00	19.74 0.17 0.00	16.40 0.16 0.00	16.09 0.27 0.00
FITZPATRICK____ 23598	17.57 -0.37 0.00	15.67 -0.32 0.00	17.46 -0.37 0.00	17.33 -0.38 0.00	15.91 -0.33 0.00	14.79 -0.33 0.00	20.60 -0.51 0.00	19.96 -0.58 0.00	1.67 -0.11 0.00	15.40 -0.44 0.00	16.75 -0.49 0.00	17.68 -0.49 0.00	17.53 -0.47 0.00	17.69 -0.47 0.00	19.33 -0.50 0.00	25.99 -0.67 0.00	33.15 -0.88 0.00	35.86 -0.80 0.00	31.52 -0.70 0.00	29.00 -0.69 0.00	29.50 -0.80 0.00	19.04 -0.53 0.00	15.83 -0.41 0.00	15.56 -0.26 0.00
FLOWRFLD_69_KV_BK1 356044	29.74 1.55 -10.25	17.30 1.32 0.00	19.18 1.35 0.00	19.03 1.32 0.00	17.79 1.39 -0.16	16.61 1.39 -0.10	92.43 2.24 -69.08	71.82 2.25 -49.03	84.36 0.50 -82.08	24.79 1.70 -7.25	25.07 1.91 -5.93	169.43 1.97 -149.28	29.16 1.90 -9.26	34.70 1.96 -14.58	31.55 2.23 -9.50	34.67 2.96 -5.04	39.64 3.47 -2.16	62.82 4.06 -22.10	44.42 3.64 -8.56	35.65 3.38 -2.58	63.72 3.23 -30.19	24.65 1.99 -3.10	18.53 1.59 -0.70	17.23 1.41 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.86 0.86 -0.06	16.72 0.73 0.00	18.63 0.80 0.00	18.46 0.74 0.00	16.98 0.75 0.00	15.92 0.80 0.00	22.44 1.32 0.00	21.92 1.39 0.00	10.06 0.28 -8.00	16.99 1.12 -0.04	19.76 1.32 -1.21	19.70 1.36 -0.16	21.24 1.32 -1.92	19.53 1.37 0.00	21.88 1.54 -0.52	29.42 2.03 -0.74	36.64 2.61 0.00	39.69 3.03 0.00	34.97 2.75 0.00	32.12 2.43 0.00	32.54 2.25 0.00	20.99 1.42 0.00	17.33 1.09 0.00	16.76 0.94 0.00
FORT ORANGE____ 23900	18.23 0.36 0.08	16.32 0.34 0.00	18.24 0.41 0.00	18.09 0.37 0.00	16.61 0.37 0.00	15.40 0.28 0.00	21.60 0.49 0.00	21.07 0.53 0.00	16.57 0.09 -14.70	16.23 0.33 -0.07	19.80 0.35 -2.22	18.79 0.32 -0.29	17.37 0.31 0.95	18.47 0.32 0.00	20.56 0.37 -0.37	26.52 0.52 0.67	34.66 0.64 0.00	37.62 0.96 0.00	33.32 1.10 0.00	30.66 0.97 0.00	31.13 0.83 0.00	20.08 0.52 0.00	16.62 0.38 0.00	16.10 0.27 0.00
FORT_DRUM_COGEN 23780	18.85 0.91 0.00	16.72 0.74 0.00	18.65 0.82 0.00	18.54 0.82 0.00	17.05 0.81 0.00	15.95 0.83 0.00	22.52 1.41 0.00	21.87 1.34 0.00	1.85 0.07 0.00	16.47 0.63 0.00	17.75 0.51 0.00	18.66 0.49 0.00	18.53 0.53 0.00	18.68 0.52 0.00	20.33 0.50 0.00	27.30 0.64 0.00	34.97 0.94 0.00	38.51 1.85 0.00	34.38 2.16 0.00	31.90 2.21 0.00	32.16 1.87 0.00	20.70 1.13 0.00	17.04 0.80 0.00	16.45 0.63 0.00
FPL_FAR_ROCK_GT1 24212	29.61 1.42 -10.25	17.18 1.20 0.00	19.08 1.25 0.00	18.92 1.20 0.00	17.64 1.23 -0.17	16.48 1.27 -0.10	63.61 1.98 -40.52	41.06 2.00 -18.53	59.24 0.52 -56.94	24.66 1.57 -7.25	25.04 1.87 -5.93	170.41 1.95 -150.29	33.87 1.89 -13.98	34.75 2.01 -14.58	31.56 2.24 -9.50	34.63 2.92 -5.04	39.82 3.64 -2.16	62.98 4.22 -22.10	44.50 3.72 -8.56	35.62 3.36 -2.58	63.61 3.11 -30.19	65.15 2.00 -43.59	27.64 1.56 -9.85	17.21 1.38 -0.01
FPL_FAR_ROCK_GT2 23815	29.61 1.42 -10.25	17.18 1.20 0.00	19.08 1.25 0.00	18.92 1.20 0.00	17.64 1.23 -0.17	16.48 1.27 -0.10	63.61 1.98 -40.52	41.06 2.00 -18.53	59.24 0.52 -56.94	24.66 1.57 -7.25	25.04 1.87 -5.93	170.41 1.95 -150.29	33.87 1.89 -13.98	34.75 2.01 -14.58	31.56 2.24 -9.50	34.63 2.92 -5.04	39.82 3.64 -2.16	62.98 4.22 -22.10	44.50 3.72 -8.56	35.62 3.36 -2.58	63.61 3.11 -30.19	65.15 2.00 -43.59	27.64 1.56 -9.85	17.21 1.38 -0.01
FRANKLIN_FALL_HYD 24054	18.31 0.37 0.00	16.27 0.29 0.00	18.13 0.30 0.00	18.02 0.30 0.00	16.50 0.27 0.00	15.38 0.26 0.00	21.61 0.50 0.00	21.13 0.60 0.00	1.84 0.06 0.00	16.24 0.40 0.00	17.57 0.33 0.00	18.47 0.29 0.00	18.27 0.27 0.00	18.44 0.29 0.00	20.15 0.33 0.00	27.15 0.49 0.00	34.75 0.72 0.00	37.14 0.48 0.00	32.69 0.47 0.00	30.12 0.43 0.00	30.52 0.22 0.00	19.58 0.02 0.00	16.22 -0.02 0.00	15.49 -0.33 0.00
FREEPORT_EQUS_GT1 23764	29.51 1.32 -10.25	17.09 1.11 0.00	18.97 1.14 0.00	18.82 1.10 0.00	17.55 1.15 -0.17	16.39 1.18 -0.10	71.04 1.80 -48.12	48.99 1.81 -26.65	65.89 0.47 -63.64	24.58 1.49 -7.25	24.91 1.74 -5.93	169.61 1.78 -149.66	30.73 1.73 -11.01	34.61 1.87 -14.58	31.38 2.06 -9.50	34.32 2.62 -5.04	39.38 3.20 -2.16	62.53 3.77 -22.10	44.13 3.35 -8.56	35.27 3.00 -2.58	63.29 2.80 -30.19	38.70 1.85 -17.29	21.59 1.44 -3.90	17.09 1.27 0.00
FREEPORT___CT2 23818	29.51 1.32 -10.25	17.09 1.11 0.00	18.97 1.14 0.00	18.82 1.10 0.00	17.55 1.15 -0.17	16.39 1.18 -0.10	71.04 1.80 -48.12	48.99 1.81 -26.65	65.89 0.47 -63.64	24.58 1.49 -7.25	24.91 1.74 -5.93	169.61 1.78 -149.66	30.73 1.73 -11.01	34.61 1.87 -14.58	31.38 2.06 -9.50	34.32 2.62 -5.04	39.38 3.20 -2.16	62.53 3.77 -22.10	44.13 3.35 -8.56	35.27 3.00 -2.58	63.29 2.80 -30.19	38.70 1.85 -17.29	21.59 1.44 -3.90	17.09 1.27 0.00



FRESHKLS_33_KV_LOAD 356253	18.89 0.87 -0.08	16.72 0.73 0.00	18.62 0.79 0.00	18.43 0.72 0.00	16.98 0.74 0.00	15.94 0.83 0.00	22.53 1.42 0.00	22.00 1.47 0.00	41.49 0.35 -39.35	17.32 1.29 -0.19	24.21 1.45 -5.52	19.18 1.49 0.48	21.81 1.48 -2.33	22.04 1.55 -2.34	22.79 1.73 -1.24	28.40 2.27 0.53	28.32 2.86 8.56	31.98 3.18 7.86	32.25 2.79 2.77	31.43 2.47 0.72	32.55 2.27 0.01	21.26 1.69 0.00	17.57 1.33 0.00	16.98 1.16 0.00
FULTON COGEN____ 23766	18.31 0.37 0.00	16.30 0.31 0.00	18.17 0.34 0.00	18.03 0.31 0.00	16.55 0.32 0.00	15.43 0.31 0.00	21.58 0.47 0.00	20.92 0.39 0.00	1.74 -0.04 0.00	16.09 0.25 0.00	17.51 0.27 0.00	18.47 0.30 0.00	18.34 0.34 0.00	18.50 0.34 0.00	20.13 0.31 0.00	27.00 0.34 0.00	34.50 0.47 0.00	37.52 0.86 0.00	33.06 0.84 0.00	30.42 0.73 0.00	30.89 0.59 0.00	19.96 0.40 0.00	16.59 0.35 0.00	16.27 0.45 0.00
FULTON____LFGE 323630	19.73 1.87 0.07	17.62 1.63 0.00	19.62 1.79 0.00	19.48 1.76 0.00	17.91 1.67 0.00	16.80 1.68 0.00	23.85 2.74 0.00	23.20 2.67 0.00	15.91 -0.10 -14.23	17.05 1.15 -0.07	20.00 0.61 -2.15	19.02 0.56 -0.28	17.45 0.36 0.91	18.49 0.33 0.00	20.36 0.19 -0.35	26.44 0.42 0.64	35.42 1.40 0.00	39.62 2.96 0.00	35.37 3.15 0.00	32.45 2.76 0.00	32.75 2.46 0.00	21.08 1.52 0.00	17.43 1.19 0.00	16.95 1.13 0.00
G.F.CEMENT____DRP 24184	18.48 0.64 0.09	16.60 0.62 0.00	18.52 0.69 0.00	18.33 0.62 0.00	16.85 0.62 0.00	15.82 0.70 0.00	22.34 1.23 0.00	21.79 1.25 0.00	16.61 0.20 -14.62	16.70 0.79 -0.07	20.24 0.80 -2.21	19.20 0.74 -0.29	17.38 0.63 1.24	18.82 0.66 0.00	20.97 0.80 -0.34	27.01 1.17 0.82	35.56 1.53 0.00	38.71 2.05 0.00	34.48 2.26 0.00	31.65 1.96 0.00	31.98 1.68 0.00	20.61 1.05 0.00	17.05 0.81 0.00	16.42 0.60 0.00
GARDENVILLE____LBMP 24039	18.28 0.34 0.00	16.37 0.39 0.00	18.21 0.38 0.00	17.98 0.26 0.00	16.57 0.33 0.00	15.37 0.26 0.00	21.75 0.64 0.00	20.85 0.31 0.00	1.32 -0.46 0.00	16.29 0.46 0.00	17.80 0.56 0.00	18.90 0.72 0.00	18.85 0.85 0.00	19.01 0.86 0.00	20.87 1.05 0.00	27.96 1.30 0.00	35.77 1.74 0.00	39.17 2.50 0.00	33.84 1.62 0.00	30.88 1.19 0.00	31.00 0.71 0.00	20.00 0.43 0.00	16.67 0.43 0.00	16.78 0.96 0.00
GARDNVLA_35_KV_LD 355827	18.37 0.43 0.00	16.45 0.46 0.00	18.29 0.46 0.00	18.05 0.34 0.00	16.64 0.41 0.00	15.44 0.32 0.00	21.86 0.74 0.00	20.95 0.42 0.00	1.32 -0.46 0.00	16.38 0.54 0.00	17.89 0.65 0.00	19.01 0.83 0.00	18.96 0.96 0.00	19.12 0.96 0.00	21.00 1.17 0.00	28.14 1.48 0.00	36.01 1.98 0.00	39.43 2.77 0.00	34.06 1.84 0.00	31.08 1.39 0.00	31.20 0.90 0.00	20.12 0.55 0.00	16.77 0.53 0.00	16.86 1.04 0.00
GELCKHM__115KV_LOAD 80723	17.94 0.00 0.00	15.99 0.01 0.00	17.82 -0.01 0.00	17.68 -0.03 0.00	16.24 0.00 0.00	15.11 -0.01 0.00	21.09 -0.02 0.00	20.44 -0.10 0.00	1.70 -0.08 0.00	15.76 -0.07 0.00	17.16 -0.08 0.00	18.11 -0.07 0.00	17.98 -0.03 0.00	18.14 -0.02 0.00	19.81 -0.01 0.00	26.63 -0.03 0.00	34.01 -0.02 0.00	36.87 0.20 0.00	32.41 0.19 0.00	29.81 0.12 0.00	30.27 -0.03 0.00	19.52 -0.04 0.00	16.22 -0.02 0.00	15.94 0.12 0.00
GENERAL____MILLS 23808	18.34 0.40 0.00	16.42 0.44 0.00	18.27 0.44 0.00	18.03 0.32 0.00	16.63 0.39 0.00	15.42 0.30 0.00	21.83 0.72 0.00	20.92 0.39 0.00	1.33 -0.45 0.00	16.35 0.52 0.00	17.86 0.62 0.00	18.97 0.79 0.00	18.93 0.93 0.00	19.08 0.93 0.00	20.95 1.13 0.00	28.08 1.42 0.00	35.91 1.89 0.00	39.33 2.67 0.00	33.99 1.77 0.00	31.01 1.32 0.00	31.13 0.84 0.00	20.08 0.51 0.00	16.74 0.50 0.00	16.84 1.02 0.00
GE_PLASTICS____DRP 24183	18.22 0.34 0.06	16.30 0.31 0.00	18.22 0.38 0.00	18.08 0.36 0.00	16.59 0.35 0.00	15.41 0.30 0.00	21.60 0.49 0.00	21.05 0.52 0.00	16.49 0.10 -14.61	16.26 0.35 -0.07	19.84 0.39 -2.21	18.85 0.39 -0.29	17.70 0.38 0.68	18.55 0.39 0.00	20.65 0.45 -0.37	26.74 0.60 0.52	34.73 0.71 0.00	37.63 0.97 0.00	33.26 1.04 0.00	30.60 0.91 0.00	31.08 0.78 0.00	20.06 0.50 0.00	16.61 0.38 0.00	16.11 0.29 0.00
GILBOA____1 23756	18.34 0.40 0.00	16.35 0.36 0.00	18.32 0.49 0.00	18.21 0.49 0.00	16.69 0.46 0.00	15.54 0.42 0.00	21.74 0.63 0.00	21.18 0.64 0.00	11.22 0.12 -9.32	16.37 0.48 -0.04	19.22 0.57 -1.41	18.94 0.58 -0.18	18.91 0.57 -0.35	18.74 0.59 0.00	20.77 0.66 -0.28	27.62 0.87 -0.09	35.08 1.06 0.00	37.86 1.20 0.00	33.35 1.13 0.00	30.68 1.00 0.00	31.25 0.96 0.00	20.20 0.63 0.00	16.73 0.49 0.00	16.24 0.42 0.00
GILBOA____2 23757	18.34 0.40 0.00	16.35 0.36 0.00	18.32 0.49 0.00	18.21 0.49 0.00	16.69 0.46 0.00	15.54 0.42 0.00	21.74 0.63 0.00	21.18 0.64 0.00	11.22 0.12 -9.32	16.37 0.48 -0.04	19.22 0.57 -1.41	18.94 0.58 -0.18	18.91 0.57 -0.35	18.74 0.59 0.00	20.77 0.66 -0.28	27.62 0.87 -0.09	35.08 1.06 0.00	37.86 1.20 0.00	33.35 1.13 0.00	30.68 1.00 0.00	31.25 0.96 0.00	20.20 0.63 0.00	16.73 0.49 0.00	16.24 0.42 0.00
GILBOA____3 23758	18.34 0.40 0.00	16.35 0.36 0.00	18.32 0.49 0.00	18.21 0.49 0.00	16.69 0.46 0.00	15.54 0.42 0.00	21.74 0.63 0.00	21.18 0.64 0.00	11.22 0.12 -9.32	16.37 0.48 -0.04	19.22 0.57 -1.41	18.94 0.58 -0.18	18.91 0.57 -0.35	18.74 0.59 0.00	20.77 0.66 -0.28	27.62 0.87 -0.09	35.08 1.06 0.00	37.86 1.20 0.00	33.35 1.13 0.00	30.68 1.00 0.00	31.25 0.96 0.00	20.20 0.63 0.00	16.73 0.49 0.00	16.24 0.42 0.00
GILBOA____4 23759	18.34 0.40 0.00	16.35 0.36 0.00	18.32 0.49 0.00	18.21 0.49 0.00	16.69 0.46 0.00	15.54 0.42 0.00	21.74 0.63 0.00	21.18 0.64 0.00	11.22 0.12 -9.32	16.37 0.48 -0.04	19.22 0.57 -1.41	18.94 0.58 -0.18	18.91 0.57 -0.35	18.74 0.59 0.00	20.77 0.66 -0.28	27.62 0.87 -0.09	35.08 1.06 0.00	37.86 1.20 0.00	33.35 1.13 0.00	30.68 1.00 0.00	31.25 0.96 0.00	20.20 0.63 0.00	16.73 0.49 0.00	16.24 0.42 0.00
GILBOA____ 23599	18.34 0.40 0.00	16.35 0.36 0.00	18.32 0.49 0.00	18.21 0.50 0.00	16.69 0.46 0.00	15.54 0.43 0.00	21.74 0.63 0.00	21.18 0.64 0.00	11.22 0.12 -9.32	16.37 0.49 -0.04	19.22 0.57 -1.41	18.95 0.59 -0.18	18.91 0.57 -0.35	18.74 0.59 0.00	20.77 0.67 -0.28	27.62 0.87 -0.09	35.08 1.06 0.00	37.86 1.20 0.00	33.35 1.13 0.00	30.68 1.00 0.00	31.25 0.96 0.00	20.20 0.63 0.00	16.73 0.49 0.00	16.24 0.42 0.00
GINNA____ 23603	17.14 -0.80 0.00	15.30 -0.68 0.00	17.06 -0.78 0.00	16.88 -0.84 0.00	15.52 -0.72 0.00	14.46 -0.66 0.00	20.28 -0.83 0.00	19.60 -0.93 0.00	1.52 -0.26 0.00	15.19 -0.65 0.00	16.54 -0.70 0.00	17.50 -0.67 0.00	17.41 -0.59 0.00	17.61 -0.54 0.00	19.20 -0.63 0.00	25.91 -0.75 0.00	33.13 -0.89 0.00	36.10 -0.56 0.00	31.62 -0.60 0.00	28.95 -0.73 0.00	29.27 -1.03 0.00	18.82 -0.74 0.00	15.62 -0.62 0.00	15.44 -0.38 0.00

GLEN PARK____ 23778	18.93 0.99 0.00	16.79 0.81 0.00	18.73 0.90 0.00	18.62 0.90 0.00	17.12 0.89 0.00	16.03 0.91 0.00	22.65 1.54 0.00	21.99 1.46 0.00	1.87 0.09 0.00	16.53 0.69 0.00	17.79 0.55 0.00	18.70 0.53 0.00	18.57 0.57 0.00	18.73 0.57 0.00	20.38 0.56 0.00	27.35 0.69 0.00	35.06 1.04 0.00	38.66 1.99 0.00	34.56 2.34 0.00	32.12 2.43 0.00	32.39 2.10 0.00	20.84 1.27 0.00	17.14 0.90 0.00	16.56 0.74 0.00
GLENDALDE_27_KV_LOAD 356172	19.06 1.04 -0.08	16.87 0.89 0.00	18.78 0.95 0.00	18.59 0.88 0.00	17.13 0.89 0.00	16.08 0.97 0.00	22.71 1.60 0.00	22.18 1.64 0.00	41.50 0.37 -39.35	17.42 1.40 -0.19	26.12 1.65 -7.23	32.28 1.75 -12.35	30.47 1.74 -10.73	31.02 1.80 -11.06	30.83 2.00 -9.00	31.58 2.57 -2.35	37.19 3.17 0.00	40.21 3.55 0.00	35.37 3.15 0.00	32.49 2.80 0.00	33.57 2.62 -0.66	21.29 1.73 0.00	17.57 1.34 0.00	16.97 1.15 0.00
GLENWOOD_IC_1_G5 23712	29.28 1.09 -10.25	16.91 0.93 0.00	18.80 0.96 0.00	18.63 0.92 0.00	17.35 0.95 -0.16	16.21 1.00 -0.09	67.33 1.63 -44.59	45.09 1.68 -22.87	62.70 0.40 -60.52	24.45 1.35 -7.25	24.78 1.61 -5.93	169.38 1.69 -149.51	29.97 1.67 -10.30	34.49 1.75 -14.58	31.26 1.94 -9.50	34.22 2.52 -5.04	39.27 3.10 -2.16	62.33 3.58 -22.10	43.94 3.16 -8.56	35.08 2.82 -2.58	63.11 2.62 -30.19	32.91 1.69 -11.66	20.16 1.29 -2.63	16.94 1.12 0.00
GLENWOOD_IC_2_G1 23688	29.17 0.98 -10.25	16.82 0.83 0.00	18.70 0.87 0.00	18.54 0.82 0.00	17.26 0.85 -0.17	16.13 0.91 -0.10	63.12 1.49 -40.52	40.61 1.55 -18.53	59.08 0.36 -56.94	24.34 1.25 -7.25	24.66 1.50 -5.93	169.09 1.57 -149.35	29.13 1.55 -9.58	34.35 1.61 -14.58	31.11 1.79 -9.50	34.01 2.31 -5.04	39.02 2.84 -2.16	62.06 3.29 -22.10	43.70 2.92 -8.56	34.86 2.60 -2.58	62.90 2.41 -30.19	26.81 1.56 -5.68	18.71 1.19 -1.28	16.85 1.03 0.00
GLENWOOD_IC_3_G1 23689	29.17 0.98 -10.25	16.82 0.83 0.00	18.70 0.87 0.00	18.54 0.82 0.00	17.26 0.85 -0.17	16.13 0.91 -0.10	63.12 1.49 -40.52	40.61 1.55 -18.53	59.08 0.36 -56.94	24.34 1.25 -7.25	24.66 1.50 -5.93	169.09 1.57 -149.35	29.13 1.55 -9.58	34.35 1.61 -14.58	31.11 1.79 -9.50	34.01 2.31 -5.04	39.02 2.84 -2.16	62.06 3.29 -22.10	43.70 2.92 -8.56	34.86 2.60 -2.58	62.90 2.41 -30.19	26.81 1.56 -5.68	18.71 1.19 -1.28	16.85 1.03 0.00
GLENWOOD____4 23550	29.28 1.09 -10.25	16.91 0.93 0.00	18.80 0.96 0.00	18.63 0.92 0.00	17.35 0.95 -0.16	16.21 1.00 -0.09	67.33 1.63 -44.59	45.09 1.68 -22.87	62.70 0.40 -60.52	24.45 1.35 -7.25	24.78 1.61 -5.93	169.38 1.69 -149.51	29.97 1.67 -10.30	34.49 1.75 -14.58	31.26 1.94 -9.50	34.22 2.52 -5.04	39.27 3.10 -2.16	62.33 3.58 -22.10	43.94 3.16 -8.56	35.08 2.82 -2.58	63.11 2.62 -30.19	32.91 1.69 -11.66	20.16 1.29 -2.63	16.94 1.12 0.00
GLENWOOD____5 23614	29.28 1.09 -10.25	16.91 0.93 0.00	18.80 0.96 0.00	18.63 0.92 0.00	17.35 0.95 -0.16	16.21 1.00 -0.09	67.33 1.63 -44.59	45.09 1.68 -22.87	62.70 0.40 -60.52	24.45 1.35 -7.25	24.78 1.61 -5.93	169.38 1.69 -149.51	29.97 1.67 -10.30	34.49 1.75 -14.58	31.26 1.94 -9.50	34.22 2.52 -5.04	39.27 3.10 -2.16	62.33 3.58 -22.10	43.94 3.16 -8.56	35.08 2.82 -2.58	63.11 2.62 -30.19	32.91 1.69 -11.66	20.16 1.29 -2.63	16.94 1.12 0.00
GLOBAL GREEN_PORT_GT1 23814	30.25 2.06 -10.25	17.76 1.78 0.00	19.68 1.85 0.00	19.54 1.82 0.00	18.27 1.87 -0.17	17.06 1.84 -0.11	96.05 2.92 -72.02	75.58 2.87 -52.18	87.01 0.55 -84.67	25.29 2.20 -7.25	25.58 2.41 -5.93	169.93 2.47 -149.28	29.68 2.43 -9.25	35.25 2.51 -14.58	32.18 2.86 -9.50	35.58 3.87 -5.04	40.97 4.79 -2.16	64.32 5.55 -22.10	45.79 5.00 -8.56	36.89 4.62 -2.58	64.88 4.39 -30.19	25.28 2.68 -3.03	19.05 2.13 -0.68	17.75 1.93 0.00
GLOBE____DSASP 323697	17.81 -0.12 0.00	15.98 0.00 0.00	17.80 -0.03 0.00	17.55 -0.16 0.00	16.17 -0.07 0.00	14.98 -0.14 0.00	21.07 -0.05 0.00	20.02 -0.52 0.00	1.22 -0.56 0.00	15.69 -0.15 0.00	17.09 -0.15 0.00	18.17 -0.01 0.00	18.13 0.13 0.00	18.26 0.11 0.00	20.04 0.22 0.00	26.83 0.17 0.00	34.10 0.07 0.00	37.30 0.64 0.00	32.26 0.03 0.00	29.41 -0.28 0.00	29.53 -0.76 0.00	19.13 -0.44 0.00	16.08 -0.16 0.00	16.30 0.49 0.00
GOETHSLN____LBMP 323567	18.85 0.83 -0.08	16.68 0.69 0.00	18.55 0.72 0.00	18.36 0.64 0.00	16.91 0.68 0.00	15.88 0.76 0.00	22.42 1.30 0.00	21.90 1.36 0.00	41.48 0.34 -39.36	17.18 1.16 -0.19	24.17 1.41 -5.52	19.21 1.51 0.48	21.82 1.50 -2.32	22.03 1.57 -2.30	22.80 1.74 -1.23	29.65 2.20 -0.79	34.58 2.67 2.11	37.78 3.06 1.94	34.25 2.71 0.68	31.89 2.38 0.18	32.51 2.22 0.00	21.06 1.49 0.00	17.39 1.15 0.00	16.81 0.99 0.00
GOLAH____69_KV_TB 1_2 80279	18.20 0.27 0.00	16.29 0.30 0.00	18.13 0.30 0.00	17.94 0.22 0.00	16.48 0.24 0.00	15.35 0.23 0.00	21.63 0.52 0.00	20.78 0.24 0.00	1.53 -0.26 0.00	16.10 0.26 0.00	17.52 0.28 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.75 0.59 0.00	20.57 0.74 0.00	27.63 0.97 0.00	35.34 1.31 0.00	38.62 1.96 0.00	33.80 1.58 0.00	30.87 1.18 0.00	31.23 0.93 0.00	20.05 0.48 0.00	16.65 0.41 0.00	16.56 0.74 0.00
GOODYEAR_LAKE_HYD 323669	18.53 0.59 0.00	16.50 0.52 0.00	18.43 0.59 0.00	18.29 0.57 0.00	16.80 0.57 0.00	15.69 0.57 0.00	22.05 0.94 0.00	21.50 0.96 0.00	-1.25 0.13 3.16	16.57 0.75 0.02	17.62 0.85 0.48	19.03 0.91 0.06	18.77 0.89 0.12	19.03 0.88 0.00	20.74 1.00 0.09	27.96 1.33 0.03	35.77 1.74 0.00	38.75 2.09 0.00	34.11 1.89 0.00	31.36 1.67 0.00	31.85 1.56 0.00	20.52 0.96 0.00	16.96 0.72 0.00	16.48 0.66 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.18 0.25 0.00	16.20 0.22 0.00	18.04 0.20 0.00	17.90 0.18 0.00	16.46 0.22 0.00	15.33 0.21 0.00	21.59 0.48 0.00	20.98 0.44 0.00	1.74 -0.04 0.00	16.22 0.38 0.00	17.71 0.47 0.00	18.68 0.50 0.00	18.52 0.52 0.00	18.68 0.52 0.00	20.45 0.63 0.00	27.48 0.81 0.00	35.16 1.13 0.00	38.11 1.45 0.00	33.41 1.19 0.00	30.69 1.00 0.00	31.11 0.81 0.00	20.03 0.47 0.00	16.61 0.37 0.00	16.26 0.44 0.00
GOUDEY____7 23579	18.20 0.26 0.00	16.21 0.23 0.00	18.05 0.22 0.00	17.91 0.19 0.00	16.47 0.24 0.00	15.34 0.22 0.00	21.61 0.49 0.00	21.00 0.46 0.00	1.74 -0.04 0.00	16.24 0.40 0.00	17.73 0.49 0.00	18.70 0.52 0.00	18.54 0.54 0.00	18.70 0.55 0.00	20.48 0.65 0.00	27.51 0.85 0.00	35.20 1.18 0.00	38.17 1.50 0.00	33.45 1.23 0.00	30.72 1.03 0.00	31.14 0.84 0.00	20.05 0.49 0.00	16.62 0.38 0.00	16.27 0.46 0.00
GOUDEY____8 23580	18.18 0.25 0.00	16.20 0.22 0.00	18.04 0.20 0.00	17.90 0.18 0.00	16.46 0.22 0.00	15.33 0.21 0.00	21.59 0.48 0.00	20.98 0.44 0.00	1.74 -0.04 0.00	16.22 0.38 0.00	17.71 0.47 0.00	18.68 0.50 0.00	18.52 0.52 0.00	18.68 0.52 0.00	20.45 0.63 0.00	27.48 0.81 0.00	35.16 1.13 0.00	38.11 1.45 0.00	33.41 1.19 0.00	30.69 1.00 0.00	31.11 0.81 0.00	20.03 0.47 0.00	16.61 0.37 0.00	16.26 0.44 0.00

GOWANUS_GT1_1 24077	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT1_2 24078	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT1_3 24079	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT1_4 24080	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT1_5 24084	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT1_6 24111	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT1_7 24112	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT1_8 24113	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT2_1 24114	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT2_2 24115	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT2_3 24116	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT2_4 24117	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT2_5 24118	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT2_6 24119	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT2_7 24120	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00

GOWANUS_GT2_8 24121	19.00 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.51 -0.01	22.10 1.57 0.00	41.48 0.35 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_1 24122	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_2 24123	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_3 24124	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_4 24125	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_5 24126	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_6 24127	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_7 24128	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT3_8 24129	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT4_1 24130	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT4_2 24131	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT4_3 24132	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT4_4 24133	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT4_5 24134	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT4_6 24135	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00

GOWANUS_GT4_7 24136	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GOWANUS_GT4_8 24137	19.01 0.98 -0.08	16.81 0.83 0.00	18.71 0.87 0.00	18.51 0.80 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.63 1.52 0.00	22.10 1.57 0.00	41.49 0.35 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GREENBSH_115KV_TB3 55895	18.13 0.28 0.08	16.25 0.26 0.00	18.16 0.33 0.00	18.01 0.29 0.00	16.53 0.30 0.00	15.32 0.21 0.00	21.48 0.37 0.00	20.95 0.41 0.00	16.84 0.07 -14.99	16.17 0.26 -0.07	19.79 0.29 -2.26	18.74 0.27 -0.30	17.24 0.27 1.03	18.44 0.28 0.00	20.52 0.33 -0.36	26.40 0.45 0.71	34.54 0.52 0.00	37.45 0.78 0.00	33.13 0.91 0.00	30.46 0.78 0.00	30.93 0.64 0.00	19.96 0.40 0.00	16.53 0.29 0.00	16.02 0.20 0.00
GREENDGE_115KV_TB5 80291	18.24 0.30 0.00	16.28 0.30 0.00	18.11 0.27 0.00	17.94 0.22 0.00	16.53 0.29 0.00	15.41 0.29 0.00	21.79 0.67 0.00	21.11 0.57 0.00	1.63 -0.16 0.00	16.23 0.40 0.00	17.69 0.45 0.00	18.69 0.51 0.00	18.57 0.57 0.00	18.74 0.59 0.00	20.51 0.68 0.00	27.48 0.82 0.00	35.10 1.07 0.00	38.33 1.67 0.00	33.57 1.35 0.00	30.80 1.11 0.00	31.14 0.84 0.00	20.12 0.55 0.00	16.66 0.42 0.00	16.41 0.59 0.00
GREENIDGE___3 23582	18.24 0.30 0.00	16.28 0.30 0.00	18.11 0.27 0.00	17.94 0.22 0.00	16.53 0.29 0.00	15.41 0.29 0.00	21.79 0.67 0.00	21.11 0.57 0.00	1.63 -0.16 0.00	16.23 0.40 0.00	17.69 0.45 0.00	18.69 0.51 0.00	18.57 0.57 0.00	18.74 0.59 0.00	20.51 0.68 0.00	27.48 0.82 0.00	35.10 1.07 0.00	38.33 1.67 0.00	33.57 1.35 0.00	30.80 1.11 0.00	31.14 0.84 0.00	20.12 0.55 0.00	16.66 0.42 0.00	16.41 0.59 0.00
GREENIDGE___4 23583	18.24 0.30 0.00	16.28 0.30 0.00	18.11 0.27 0.00	17.94 0.22 0.00	16.53 0.29 0.00	15.41 0.29 0.00	21.79 0.68 0.00	21.11 0.57 0.00	1.64 -0.14 0.00	16.24 0.40 0.00	17.69 0.46 0.00	18.69 0.51 0.00	18.57 0.57 0.00	18.75 0.60 0.00	20.53 0.70 0.00	27.48 0.82 0.00	35.10 1.07 0.00	38.33 1.67 0.00	33.57 1.35 0.00	30.80 1.11 0.00	31.14 0.84 0.00	20.12 0.55 0.00	16.66 0.42 0.00	16.41 0.59 0.00
GREENLWN_69_KV_BK 3 55738	29.43 1.24 -10.25	17.03 1.05 0.00	18.90 1.07 0.00	18.78 1.06 0.00	17.54 1.14 -0.16	16.42 1.20 -0.10	80.53 1.96 -57.45	59.15 2.00 -36.62	74.10 0.47 -71.85	24.59 1.50 -7.25	24.90 1.73 -5.93	169.28 1.81 -149.29	29.05 1.75 -9.31	34.54 1.80 -14.58	31.33 2.01 -9.50	34.29 2.59 -5.04	39.22 3.05 -2.16	62.32 3.57 -22.10	43.96 3.18 -8.56	35.17 2.91 -2.58	63.18 2.69 -30.19	24.51 1.67 -3.26	18.31 1.33 -0.73	16.99 1.17 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00
GRISSOM___SOLAR 323813	19.73 1.87 0.07	17.62 1.63 0.00	19.62 1.79 0.00	19.48 1.76 0.00	17.91 1.67 0.00	16.80 1.68 0.00	23.85 2.74 0.00	23.20 2.67 0.00	15.91 -0.10 -14.23	17.05 1.15 -0.07	20.00 0.61 -2.15	19.02 0.56 -0.28	17.45 0.36 0.91	18.49 0.33 0.00	20.36 0.19 -0.35	26.44 0.42 0.64	35.42 1.40 0.00	39.62 2.96 0.00	35.37 3.15 0.00	32.45 2.76 0.00	32.75 2.46 0.00	21.08 1.52 0.00	17.43 1.19 0.00	16.95 1.13 0.00
GROVEVILLE___HYD 323602	18.86 0.86 -0.06	16.72 0.73 0.00	18.63 0.80 0.00	18.46 0.74 0.00	16.98 0.75 0.00	15.92 0.80 0.00	22.44 1.32 0.00	21.92 1.39 0.00	10.06 0.28 -8.00	16.99 1.12 -0.04	19.76 1.32 -1.21	19.70 1.36 -0.16	21.24 1.32 -1.92	19.53 1.37 0.00	21.88 1.54 -0.52	29.42 2.03 -0.74	36.64 2.61 0.00	39.69 3.03 0.00	34.97 2.75 0.00	32.12 2.43 0.00	32.54 2.25 0.00	20.99 1.42 0.00	17.33 1.09 0.00	16.76 0.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.11 0.17 0.00	16.14 0.16 0.00	17.98 0.15 0.00	17.84 0.12 0.00	16.39 0.15 0.00	15.25 0.13 0.00	21.31 0.20 0.00	20.66 0.12 0.00	1.72 -0.06 0.00	15.92 0.08 0.00	17.33 0.09 0.00	18.29 0.12 0.00	18.16 0.16 0.00	18.32 0.17 0.00	20.00 0.18 0.00	26.89 0.23 0.00	34.35 0.33 0.00	37.26 0.60 0.00	32.77 0.55 0.00	30.14 0.45 0.00	30.60 0.31 0.00	19.74 0.17 0.00	16.40 0.16 0.00	16.09 0.27 0.00
HAMLTNNY_34_KV_TB 80303	18.05 0.11 0.00	16.10 0.12 0.00	17.93 0.10 0.00	17.78 0.07 0.00	16.35 0.12 0.00	15.21 0.09 0.00	21.24 0.13 0.00	20.61 0.07 0.00	1.70 -0.08 0.00	15.87 0.04 0.00	17.28 0.04 0.00	18.24 0.06 0.00	18.10 0.11 0.00	18.28 0.13 0.00	19.97 0.15 0.00	26.88 0.21 0.00	34.34 0.31 0.00	37.27 0.60 0.00	32.76 0.53 0.00	30.14 0.45 0.00	30.55 0.26 0.00	19.71 0.15 0.00	16.37 0.13 0.00	16.05 0.23 0.00
HAMPSHIRE___PAPER_HYD 323593	18.25 0.31 0.00	16.22 0.24 0.00	18.09 0.25 0.00	17.99 0.28 0.00	16.48 0.24 0.00	15.38 0.26 0.00	21.60 0.49 0.00	21.05 0.52 0.00	1.83 0.04 0.00	16.10 0.26 0.00	17.43 0.19 0.00	18.37 0.19 0.00	18.16 0.16 0.00	18.29 0.13 0.00	19.95 0.12 0.00	26.84 0.18 0.00	34.30 0.27 0.00	36.95 0.29 0.00	32.70 0.48 0.00	30.20 0.51 0.00	30.68 0.38 0.00	19.88 0.31 0.00	16.48 0.24 0.00	15.90 0.08 0.00
HARDSCRABBLE_WT_PWR 323673	17.93 -0.01 0.00	15.96 -0.02 0.00	17.85 0.02 0.00	17.67 -0.05 0.00	16.25 0.01 0.00	15.16 0.04 0.00	21.38 0.26 0.00	20.97 0.43 0.00	1.89 0.11 0.00	16.09 0.26 0.00	17.42 0.18 0.00	18.24 0.06 0.00	17.99 -0.01 0.00	18.15 -0.01 0.00	19.85 0.02 0.00	26.70 0.04 0.00	34.12 0.10 0.00	37.35 0.69 0.00	33.15 0.93 0.00	30.47 0.78 0.00	30.94 0.64 0.00	19.96 0.39 0.00	16.47 0.23 0.00	15.93 0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.77 0.77 -0.06	16.62 0.63 0.00	18.50 0.67 0.00	18.34 0.62 0.00	16.88 0.65 0.00	15.82 0.70 0.00	22.33 1.21 0.00	21.81 1.28 0.00	-42.77 0.26 44.80	16.64 1.02 0.21	11.67 1.20 6.77	18.56 1.26 0.88	20.17 1.25 -0.92	19.46 1.31 0.00	20.66 1.46 0.62	28.84 1.92 -0.26	36.48 2.45 0.00	39.54 2.88 0.00	34.80 2.58 0.00	31.94 2.25 0.00	32.40 2.10 0.00	20.89 1.32 0.00	17.24 1.00 0.00	16.68 0.86 0.00

HARSNRAD_115KV_TB1 81005	18.01 0.07 0.00	16.15 0.16 0.00	17.97 0.14 0.00	17.73 0.02 0.00	16.34 0.11 0.00	15.15 0.03 0.00	21.37 0.26 0.00	20.43 -0.10 0.00	1.27 -0.51 0.00	16.00 0.17 0.00	17.43 0.19 0.00	18.51 0.34 0.00	18.49 0.48 0.00	18.64 0.48 0.00	20.54 0.72 0.00	27.40 0.74 0.00	35.01 0.98 0.00	38.40 1.74 0.00	33.22 1.00 0.00	30.31 0.61 0.00	30.41 0.11 0.00	19.66 0.09 0.00	16.41 0.17 0.00	16.58 0.76 0.00
HARZA MOOSE__RIVER 24016	18.41 0.47 0.00	16.37 0.38 0.00	18.26 0.43 0.00	18.15 0.44 0.00	16.66 0.43 0.00	15.56 0.45 0.00	21.91 0.80 0.00	21.32 0.79 0.00	1.84 0.05 0.00	16.33 0.49 0.00	17.72 0.48 0.00	18.67 0.49 0.00	18.45 0.45 0.00	18.56 0.40 0.00	20.28 0.45 0.00	27.28 0.62 0.00	34.93 0.90 0.00	38.01 1.35 0.00	33.64 1.42 0.00	31.01 1.32 0.00	31.38 1.08 0.00	20.22 0.65 0.00	16.72 0.47 0.00	16.17 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.92 -0.02 0.00	15.96 -0.02 0.00	17.80 -0.03 0.00	17.66 -0.06 0.00	16.22 -0.02 0.00	15.09 -0.03 0.00	21.05 -0.06 0.00	20.39 -0.15 0.00	1.69 -0.09 0.00	15.73 -0.11 0.00	17.12 -0.12 0.00	18.08 -0.09 0.00	17.94 -0.06 0.00	18.11 -0.05 0.00	19.80 -0.03 0.00	26.62 -0.05 0.00	33.98 -0.05 0.00	36.83 0.17 0.00	32.36 0.14 0.00	29.75 0.06 0.00	30.21 -0.08 0.00	19.48 -0.09 0.00	16.19 -0.05 0.00	15.93 0.11 0.00
HELLGATE_13_KV_LD 55870	18.99 0.97 -0.08	16.81 0.83 0.00	18.72 0.88 0.00	18.52 0.81 0.00	17.06 0.83 0.00	16.03 0.91 0.00	22.60 1.49 0.00	22.08 1.54 0.00	41.50 0.37 -39.35	17.33 1.31 -0.19	26.01 1.55 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.40 2.39 -2.35	36.96 2.93 0.00	39.96 3.30 0.00	35.18 2.95 0.00	32.32 2.63 0.00	33.40 2.45 -0.66	21.18 1.61 0.00	17.48 1.24 0.00	16.89 1.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.99 0.97 -0.08	16.81 0.83 0.00	18.72 0.88 0.00	18.52 0.81 0.00	17.06 0.83 0.00	16.03 0.91 0.00	22.60 1.49 0.00	22.08 1.54 0.00	41.50 0.37 -39.35	17.33 1.31 -0.19	26.01 1.55 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.40 2.39 -2.35	36.96 2.93 0.00	39.96 3.30 0.00	35.18 2.95 0.00	32.32 2.63 0.00	33.40 2.45 -0.66	21.18 1.61 0.00	17.48 1.24 0.00	16.89 1.06 0.00
HEMPSTEAD____ 23647	29.33 1.14 -10.25	16.94 0.96 0.00	18.82 0.98 0.00	18.67 0.95 0.00	17.40 1.00 -0.17	16.26 1.04 -0.10	69.31 1.66 -46.54	47.20 1.70 -24.96	64.46 0.43 -62.25	24.45 1.36 -7.25	24.78 1.61 -5.93	169.41 1.68 -149.56	30.19 1.65 -10.54	34.47 1.73 -14.58	31.25 1.92 -9.50	34.18 2.48 -5.04	39.19 3.01 -2.16	62.28 3.52 -22.10	43.90 3.12 -8.56	35.05 2.79 -2.58	63.08 2.59 -30.19	34.78 1.67 -13.54	20.59 1.30 -3.05	16.94 1.12 0.00
HEWLETT__69_KV_BK3 55828	29.53 1.34 -10.25	17.11 1.13 0.00	19.01 1.17 0.00	18.85 1.14 0.00	17.57 1.17 -0.16	16.42 1.21 -0.09	63.52 1.88 -40.52	40.96 1.90 -18.52	59.22 0.50 -56.94	24.58 1.49 -7.25	24.95 1.78 -5.93	170.32 1.86 -150.29	33.79 1.81 -13.98	34.65 1.91 -14.58	31.46 2.14 -9.50	34.48 2.77 -5.04	39.61 3.43 -2.16	62.75 3.99 -22.10	44.31 3.53 -8.56	35.45 3.18 -2.58	63.44 2.95 -30.19	65.06 1.90 -43.59	27.56 1.48 -9.85	17.14 1.31 -0.01
HICKLING__1 23621	18.31 0.37 0.00	16.32 0.34 0.00	18.14 0.31 0.00	17.98 0.26 0.00	16.58 0.34 0.00	15.44 0.33 0.00	21.91 0.80 0.00	21.25 0.72 0.00	1.61 -0.17 0.00	16.37 0.53 0.00	17.93 0.69 0.00	18.94 0.76 0.00	18.81 0.81 0.00	18.97 0.82 0.00	20.78 0.95 0.00	27.90 1.24 0.00	35.80 1.77 0.00	38.93 2.27 0.00	33.88 1.66 0.00	31.02 1.33 0.00	31.31 1.02 0.00	20.11 0.54 0.00	16.68 0.44 0.00	16.43 0.62 0.00
HICKLING__2 23622	18.31 0.37 0.00	16.32 0.34 0.00	18.14 0.31 0.00	17.98 0.26 0.00	16.58 0.34 0.00	15.44 0.33 0.00	21.91 0.80 0.00	21.25 0.72 0.00	1.61 -0.17 0.00	16.37 0.53 0.00	17.93 0.69 0.00	18.94 0.76 0.00	18.81 0.81 0.00	18.97 0.82 0.00	20.78 0.95 0.00	27.90 1.24 0.00	35.80 1.77 0.00	38.93 2.27 0.00	33.88 1.66 0.00	31.02 1.33 0.00	31.31 1.02 0.00	20.11 0.54 0.00	16.68 0.44 0.00	16.43 0.62 0.00
HIGH FALLS__HY 23754	18.78 0.81 -0.03	16.65 0.66 0.00	18.54 0.71 0.00	18.37 0.66 0.00	16.91 0.67 0.00	15.87 0.75 0.00	22.39 1.28 0.00	21.88 1.34 0.00	2.05 0.27 0.00	16.86 1.02 0.00	18.42 1.18 0.00	19.42 1.25 0.00	20.06 1.24 -0.82	19.43 1.27 0.00	21.45 1.45 -0.17	28.87 1.92 -0.28	36.67 2.64 0.00	39.60 2.94 0.00	34.89 2.66 0.00	32.06 2.37 0.00	32.52 2.22 0.00	20.97 1.40 0.00	17.31 1.07 0.00	16.75 0.93 0.00
HILLBURN__GT 23639	18.73 0.73 -0.06	16.58 0.60 0.00	18.46 0.62 0.00	18.29 0.57 0.00	16.85 0.61 0.00	15.79 0.67 0.00	22.30 1.19 0.00	21.80 1.26 0.00	-46.72 0.27 48.77	16.63 1.02 0.23	11.08 1.21 7.36	18.48 1.27 0.96	20.24 1.26 -0.97	19.46 1.30 0.00	20.59 1.44 0.67	28.80 1.88 -0.26	36.37 2.35 0.00	39.42 2.76 0.00	34.69 2.47 0.00	31.84 2.16 0.00	32.29 2.00 0.00	20.84 1.27 0.00	17.20 0.96 0.00	16.64 0.82 0.00
HILLSIDE_115KV_TB1 80332	18.05 0.11 0.00	16.08 0.10 0.00	17.86 0.02 0.00	17.71 -0.01 0.00	16.33 0.09 0.00	15.20 0.08 0.00	21.54 0.43 0.00	20.92 0.38 0.00	1.61 -0.17 0.00	16.10 0.27 0.00	17.65 0.41 0.00	18.63 0.45 0.00	18.48 0.49 0.00	18.64 0.49 0.00	20.43 0.60 0.00	27.40 0.74 0.00	35.17 1.15 0.00	38.16 1.50 0.00	33.19 0.97 0.00	30.40 0.71 0.00	30.72 0.42 0.00	19.75 0.18 0.00	16.38 0.14 0.00	16.11 0.29 0.00
HISHELDN_WT_PWR 323625	18.21 0.27 0.00	16.30 0.31 0.00	18.13 0.29 0.00	17.91 0.19 0.00	16.51 0.27 0.00	15.33 0.22 0.00	21.72 0.61 0.00	20.85 0.31 0.00	1.35 -0.43 0.00	16.26 0.42 0.00	17.73 0.50 0.00	18.82 0.64 0.00	18.74 0.74 0.00	18.92 0.76 0.00	20.79 0.96 0.00	27.79 1.13 0.00	35.56 1.53 0.00	38.90 2.24 0.00	33.66 1.44 0.00	30.76 1.08 0.00	30.92 0.62 0.00	19.93 0.36 0.00	16.61 0.37 0.00	16.66 0.84 0.00
HOLTSVILLE_IC_1 23690	29.72 1.53 -10.25	17.29 1.31 0.00	19.17 1.34 0.00	19.03 1.31 0.00	17.78 1.38 -0.17	16.59 1.37 -0.11	95.74 2.18 -72.45	75.33 2.16 -52.64	87.32 0.49 -85.05	24.73 1.64 -7.25	25.00 1.83 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.24	34.62 1.88 -14.58	31.46 2.14 -9.50	34.55 2.84 -5.04	39.54 3.36 -2.16	62.73 3.96 -22.10	44.34 3.56 -8.56	35.59 3.33 -2.58	63.64 3.16 -30.19	24.50 1.94 -2.99	18.46 1.55 -0.67	17.21 1.39 0.00
HOLTSVILLE_IC_10 23699	29.80 1.61 -10.25	17.35 1.37 0.00	19.24 1.40 0.00	19.08 1.37 0.00	17.84 1.44 -0.17	16.65 1.43 -0.11	94.15 2.29 -70.75	73.62 2.27 -50.82	85.84 0.50 -83.55	24.81 1.73 -7.25	25.09 1.92 -5.93	169.44 1.98 -149.29	29.19 1.91 -9.27	34.71 1.97 -14.58	31.57 2.24 -9.50	34.71 3.01 -5.04	39.74 3.56 -2.16	62.96 4.20 -22.10	44.55 3.77 -8.56	35.78 3.52 -2.58	63.84 3.34 -30.19	24.79 2.06 -3.17	18.59 1.64 -0.71	17.29 1.47 0.00

HOLTSVILLE_IC_2 23691	29.72 1.53 -10.25	17.29 1.31 0.00	19.17 1.34 0.00	19.03 1.31 0.00	17.78 1.38 -0.17	16.59 1.37 -0.11	95.74 2.18 -72.45	75.33 2.16 -52.64	87.32 0.49 -85.05	24.73 1.64 -7.25	25.00 1.83 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.24	34.62 1.88 -14.58	31.46 2.14 -9.50	34.55 2.84 -5.04	39.54 3.36 -2.16	62.73 3.96 -22.10	44.34 3.56 -8.56	35.59 3.33 -2.58	63.64 3.16 -30.19	24.50 1.94 -2.99	18.46 1.55 -0.67	17.21 1.39 0.00
HOLTSVILLE_IC_3 23692	29.72 1.53 -10.25	17.29 1.31 0.00	19.17 1.34 0.00	19.03 1.31 0.00	17.78 1.38 -0.17	16.59 1.37 -0.11	95.74 2.18 -72.45	75.33 2.16 -52.64	87.32 0.49 -85.05	24.73 1.64 -7.25	25.00 1.83 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.24	34.62 1.88 -14.58	31.46 2.14 -9.50	34.55 2.84 -5.04	39.54 3.36 -2.16	62.73 3.96 -22.10	44.34 3.56 -8.56	35.59 3.33 -2.58	63.64 3.16 -30.19	24.50 1.94 -2.99	18.46 1.55 -0.67	17.21 1.39 0.00
HOLTSVILLE_IC_4 23693	29.72 1.53 -10.25	17.29 1.31 0.00	19.17 1.34 0.00	19.03 1.31 0.00	17.78 1.38 -0.17	16.59 1.37 -0.11	95.74 2.18 -72.45	75.33 2.16 -52.64	87.32 0.49 -85.05	24.73 1.64 -7.25	25.00 1.83 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.24	34.62 1.88 -14.58	31.46 2.14 -9.50	34.55 2.84 -5.04	39.54 3.36 -2.16	62.73 3.96 -22.10	44.34 3.56 -8.56	35.59 3.33 -2.58	63.64 3.16 -30.19	24.50 1.94 -2.99	18.46 1.55 -0.67	17.21 1.39 0.00
HOLTSVILLE_IC_5 23694	29.72 1.53 -10.25	17.29 1.31 0.00	19.17 1.34 0.00	19.03 1.31 0.00	17.78 1.38 -0.17	16.59 1.37 -0.11	95.74 2.18 -72.45	75.33 2.16 -52.64	87.32 0.49 -85.05	24.73 1.64 -7.25	25.00 1.83 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.24	34.62 1.88 -14.58	31.46 2.14 -9.50	34.55 2.84 -5.04	39.54 3.36 -2.16	62.73 3.96 -22.10	44.34 3.56 -8.56	35.59 3.33 -2.58	63.64 3.16 -30.19	24.50 1.94 -2.99	18.46 1.55 -0.67	17.21 1.39 0.00
HOLTSVILLE_IC_6 23695	29.80 1.61 -10.25	17.35 1.37 0.00	19.24 1.40 0.00	19.08 1.37 0.00	17.84 1.44 -0.17	16.65 1.43 -0.11	94.15 2.29 -70.75	73.62 2.27 -50.82	85.84 0.50 -83.55	24.81 1.73 -7.25	25.09 1.92 -5.93	169.44 1.98 -149.29	29.19 1.91 -9.27	34.71 1.97 -14.58	31.57 2.24 -9.50	34.71 3.01 -5.04	39.74 3.56 -2.16	62.96 4.20 -22.10	44.55 3.77 -8.56	35.78 3.52 -2.58	63.84 3.34 -30.19	24.79 2.06 -3.17	18.59 1.64 -0.71	17.29 1.47 0.00
HOLTSVILLE_IC_7 23696	29.80 1.61 -10.25	17.35 1.37 0.00	19.24 1.40 0.00	19.08 1.37 0.00	17.84 1.44 -0.17	16.65 1.43 -0.11	94.15 2.29 -70.75	73.62 2.27 -50.82	85.84 0.50 -83.55	24.81 1.73 -7.25	25.09 1.92 -5.93	169.44 1.98 -149.29	29.19 1.91 -9.27	34.71 1.97 -14.58	31.57 2.24 -9.50	34.71 3.01 -5.04	39.74 3.56 -2.16	62.96 4.20 -22.10	44.55 3.77 -8.56	35.78 3.52 -2.58	63.84 3.34 -30.19	24.79 2.06 -3.17	18.59 1.64 -0.71	17.29 1.47 0.00
HOLTSVILLE_IC_8 23697	29.80 1.61 -10.25	17.35 1.37 0.00	19.24 1.40 0.00	19.08 1.37 0.00	17.84 1.44 -0.17	16.65 1.43 -0.11	94.15 2.29 -70.75	73.62 2.27 -50.82	85.84 0.50 -83.55	24.81 1.73 -7.25	25.09 1.92 -5.93	169.44 1.98 -149.29	29.19 1.91 -9.27	34.71 1.97 -14.58	31.57 2.24 -9.50	34.71 3.01 -5.04	39.74 3.56 -2.16	62.96 4.20 -22.10	44.55 3.77 -8.56	35.78 3.52 -2.58	63.84 3.34 -30.19	24.79 2.06 -3.17	18.59 1.64 -0.71	17.29 1.47 0.00
HOLTSVILLE_IC_9 23698	29.80 1.61 -10.25	17.35 1.37 0.00	19.24 1.40 0.00	19.08 1.37 0.00	17.84 1.44 -0.17	16.65 1.43 -0.11	94.15 2.29 -70.75	73.62 2.27 -50.82	85.84 0.50 -83.55	24.81 1.73 -7.25	25.09 1.92 -5.93	169.44 1.98 -149.29	29.19 1.91 -9.27	34.71 1.97 -14.58	31.57 2.24 -9.50	34.71 3.01 -5.04	39.74 3.56 -2.16	62.96 4.20 -22.10	44.55 3.77 -8.56	35.78 3.52 -2.58	63.84 3.34 -30.19	24.79 2.06 -3.17	18.59 1.64 -0.71	17.29 1.47 0.00
HOMER_HL_115KV_TB2 355744	18.68 0.74 0.00	16.70 0.71 0.00	18.58 0.75 0.00	18.37 0.66 0.00	16.96 0.72 0.00	15.76 0.64 0.00	22.44 1.33 0.00	21.61 1.08 0.00	1.42 -0.37 0.00	16.95 1.12 0.00	18.53 1.30 0.00	19.65 1.47 0.00	19.56 1.56 0.00	19.72 1.57 0.00	21.68 1.85 0.00	29.05 2.39 0.00	37.06 3.04 0.00	40.51 3.85 0.00	35.03 2.81 0.00	31.94 2.25 0.00	32.13 1.83 0.00	20.62 1.06 0.00	17.14 0.90 0.00	17.10 1.29 0.00
HOWARD_WT_PWR 323690	18.35 0.41 0.00	16.48 0.50 0.00	18.31 0.48 0.00	18.12 0.41 0.00	16.75 0.51 0.00	15.60 0.48 0.00	22.24 1.12 0.00	21.46 0.92 0.00	1.51 -0.27 0.00	16.56 0.73 0.00	18.05 0.82 0.00	19.10 0.92 0.00	18.99 1.00 0.00	19.18 1.03 0.00	21.00 1.18 0.00	28.17 1.51 0.00	36.12 2.09 0.00	39.45 2.79 0.00	34.36 2.14 0.00	31.50 1.81 0.00	31.72 1.43 0.00	20.38 0.81 0.00	16.94 0.70 0.00	16.82 1.00 0.00
HQ_GEN_CEDARS 23644	17.93 -0.01 0.00	15.97 -0.02 0.00	17.80 -0.04 0.00	17.71 -0.01 0.00	16.16 -0.07 0.00	15.05 -0.07 0.00	21.00 -0.12 0.00	20.47 -0.06 0.00	1.77 -0.01 0.00	15.78 -0.06 0.00	17.13 -0.11 0.00	18.06 -0.11 0.00	17.86 -0.13 0.00	17.98 -0.17 0.00	19.60 -0.22 0.00	26.39 -0.27 0.00	33.72 -0.30 0.00	35.92 -0.74 0.00	31.54 -0.68 0.00	29.11 -0.57 0.00	29.87 -0.42 0.00	19.37 -0.19 0.00	16.12 -0.12 0.00	15.60 -0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	17.93 -0.01 0.00	15.97 -0.02 0.00	17.80 -0.04 0.00	17.71 -0.01 0.00	16.16 -0.07 0.00	15.05 -0.07 0.00	21.00 -0.12 0.00	20.47 -0.06 0.00	1.77 -0.01 0.00	15.78 -0.06 0.00	17.13 -0.11 0.00	18.07 -0.11 0.00	17.86 -0.13 0.00	17.58 -0.17 0.40	19.60 -0.23 0.00	26.39 -0.27 0.00	33.77 -0.31 -0.05	39.11 -0.74 -3.19	31.54 -0.68 0.00	29.11 -0.57 0.00	31.89 -0.43 -2.02	19.37 -0.19 0.00	16.12 -0.12 0.00	15.60 -0.22 0.00
HQ_GEN_IMPORT 323601	17.81 -0.13 0.00	15.87 -0.12 0.00	17.70 -0.14 0.00	17.61 -0.10 0.00	16.09 -0.15 0.00	14.98 -0.14 0.00	20.86 -0.25 0.00	20.31 -0.22 0.00	1.76 -0.02 0.00	15.67 -0.17 0.00	17.03 -0.20 0.00	17.96 -0.22 0.00	17.78 -0.22 0.00	17.91 -0.24 0.00	19.53 -0.29 0.00	26.13 -0.38 0.15	33.73 -0.45 -0.16	35.89 -0.78 0.00	31.46 -0.76 0.00	26.37 -0.63 2.69	29.84 -0.45 0.00	19.32 -0.25 0.00	16.05 -0.19 0.00	15.58 -0.24 0.00
HQ_GEN_WHEEL 23651	17.81 -0.13 0.00	15.87 -0.12 0.00	17.70 -0.14 0.00	17.61 -0.10 0.00	16.09 -0.15 0.00	14.98 -0.14 0.00	20.86 -0.25 0.00	20.31 -0.22 0.00	1.76 -0.02 0.00	15.67 -0.17 0.00	17.03 -0.20 0.00	17.96 -0.22 0.00	17.78 -0.22 0.00	17.91 -0.24 0.00	19.53 -0.29 0.00	26.13 -0.38 0.15	33.73 -0.45 -0.16	35.89 -0.78 0.00	31.46 -0.76 0.00	26.37 -0.63 2.69	29.84 -0.45 0.00	19.32 -0.25 0.00	16.05 -0.19 0.00	15.58 -0.24 0.00
HUDSON_AVE_GT_3 23810	18.95 0.92 -0.08	16.76 0.78 0.00	18.66 0.82 0.00	18.47 0.76 0.00	17.01 0.78 0.00	15.97 0.85 0.00	22.55 1.43 0.00	22.03 1.50 0.00	41.47 0.33 -39.36	17.29 1.27 -0.19	24.69 1.52 -5.94	20.56 1.61 -0.77	22.97 1.60 -3.37	22.12 1.67 -2.30	22.90 1.85 -1.23	30.25 2.36 -1.23	36.94 2.91 0.00	39.98 3.32 0.00	35.13 2.91 0.00	32.25 2.56 0.00	32.67 2.38 0.00	21.15 1.58 0.00	17.46 1.22 0.00	16.86 1.04 0.00

HUDSON AVE_GT_4 23540	18.95 0.92 -0.08	16.76 0.78 0.00	18.66 0.82 0.00	18.47 0.76 0.00	17.01 0.78 0.00	15.97 0.85 0.00	22.55 1.43 0.00	22.03 1.50 0.00	41.47 0.33 -39.36	17.29 1.27 -0.19	24.69 1.52 -5.94	20.56 1.61 -0.77	22.97 1.60 -3.37	22.12 1.67 -2.30	22.90 1.85 -1.23	30.25 2.36 -1.23	36.94 2.91 0.00	39.98 3.32 0.00	35.13 2.91 0.00	32.25 2.56 0.00	32.67 2.38 0.00	21.15 1.58 0.00	17.46 1.22 0.00	16.86 1.04 0.00
HUDSON AVE_GT_5 23657	18.95 0.92 -0.08	16.76 0.78 0.00	18.66 0.82 0.00	18.47 0.76 0.00	17.01 0.78 0.00	15.97 0.85 0.00	22.55 1.43 0.00	22.03 1.50 0.00	41.47 0.33 -39.36	17.29 1.27 -0.19	24.69 1.52 -5.94	20.56 1.61 -0.77	22.97 1.60 -3.37	22.12 1.67 -2.30	22.90 1.85 -1.23	30.25 2.36 -1.23	36.94 2.91 0.00	39.98 3.32 0.00	35.13 2.91 0.00	32.25 2.56 0.00	32.67 2.38 0.00	21.15 1.58 0.00	17.46 1.22 0.00	16.86 1.04 0.00
HUDSON_AVE_10 24168	18.91 0.89 -0.08	16.73 0.74 0.00	18.63 0.79 0.00	18.44 0.72 0.00	16.98 0.75 0.00	15.94 0.83 0.00	22.50 1.38 0.00	21.98 1.44 0.00	41.47 0.33 -39.36	17.25 1.23 -0.19	24.64 1.46 -5.94	20.51 1.56 -0.77	22.92 1.55 -3.37	22.07 1.61 -2.30	22.84 1.79 -1.23	30.17 2.28 -1.23	36.84 2.81 0.00	39.87 3.21 0.00	35.04 2.82 0.00	32.17 2.49 0.00	32.58 2.29 0.00	21.09 1.53 0.00	17.42 1.18 0.00	16.82 1.00 0.00
HUDSON___115KV_TB 4 355613	18.46 0.58 0.06	16.51 0.53 0.00	18.46 0.62 0.00	18.30 0.59 0.00	16.81 0.57 0.00	15.60 0.48 0.00	21.91 0.80 0.00	21.37 0.84 0.00	15.42 0.11 -13.53	16.40 0.50 -0.06	19.77 0.49 -2.04	18.91 0.46 -0.27	17.82 0.43 0.60	18.57 0.42 0.00	20.68 0.49 -0.36	26.90 0.73 0.49	34.98 0.95 0.00	38.08 1.42 0.00	33.83 1.61 0.00	31.17 1.48 0.00	31.62 1.32 0.00	20.36 0.80 0.00	16.83 0.59 0.00	16.29 0.46 0.00
HUNTER MOUNT___DRP 323613	18.56 0.66 0.04	16.59 0.60 0.00	18.55 0.72 0.00	18.40 0.68 0.00	16.89 0.66 0.00	15.66 0.54 0.00	22.02 0.91 0.00	21.48 0.94 0.00	13.88 0.10 -12.00	16.41 0.52 -0.06	19.54 0.49 -1.81	18.86 0.45 -0.24	18.13 0.40 0.27	18.53 0.37 0.00	20.63 0.45 -0.35	27.05 0.70 0.31	34.95 0.92 0.00	38.14 1.48 0.00	33.99 1.76 0.00	31.32 1.63 0.00	31.76 1.46 0.00	20.44 0.87 0.00	16.88 0.64 0.00	16.33 0.51 0.00
HUNTINGTON_RES_REC 323705	29.58 1.39 -10.25	17.15 1.17 0.00	19.02 1.19 0.00	18.89 1.18 0.00	17.66 1.26 -0.17	16.51 1.29 -0.11	85.73 2.09 -62.52	64.68 2.12 -42.03	78.58 0.49 -76.31	24.68 1.59 -7.25	24.96 1.79 -5.93	169.32 1.85 -149.29	29.06 1.80 -9.27	34.59 1.85 -14.58	31.41 2.09 -9.50	34.44 2.74 -5.04	39.40 3.23 -2.16	62.56 3.80 -22.10	44.19 3.41 -8.56	35.41 3.15 -2.58	63.46 2.97 -30.19	24.44 1.82 -3.06	18.38 1.45 -0.69	17.10 1.28 0.00
HUNTLEY___63 23557	18.21 0.27 0.00	16.33 0.35 0.00	18.18 0.34 0.00	17.93 0.21 0.00	16.53 0.29 0.00	15.32 0.21 0.00	21.62 0.51 0.00	20.66 0.12 0.00	1.29 -0.49 0.00	16.19 0.36 0.00	17.65 0.41 0.00	18.76 0.58 0.00	18.72 0.72 0.00	18.88 0.73 0.00	20.76 0.94 0.00	27.77 1.11 0.00	35.43 1.41 0.00	38.82 2.16 0.00	33.57 1.34 0.00	30.60 0.92 0.00	30.71 0.42 0.00	19.85 0.28 0.00	16.60 0.36 0.00	16.75 0.93 0.00
HUNTLEY___64 23558	18.21 0.27 0.00	16.33 0.35 0.00	18.18 0.34 0.00	17.93 0.21 0.00	16.53 0.29 0.00	15.32 0.21 0.00	21.62 0.51 0.00	20.66 0.12 0.00	1.29 -0.49 0.00	16.19 0.36 0.00	17.65 0.41 0.00	18.76 0.58 0.00	18.72 0.72 0.00	18.88 0.73 0.00	20.76 0.94 0.00	27.77 1.11 0.00	35.43 1.41 0.00	38.82 2.16 0.00	33.57 1.34 0.00	30.60 0.92 0.00	30.71 0.42 0.00	19.85 0.28 0.00	16.60 0.36 0.00	16.75 0.93 0.00
HUNTLEY___65 23559	18.21 0.27 0.00	16.33 0.35 0.00	18.18 0.34 0.00	17.93 0.21 0.00	16.53 0.29 0.00	15.32 0.21 0.00	21.62 0.51 0.00	20.66 0.12 0.00	1.29 -0.49 0.00	16.19 0.36 0.00	17.65 0.41 0.00	18.76 0.58 0.00	18.72 0.72 0.00	18.88 0.73 0.00	20.76 0.94 0.00	27.77 1.11 0.00	35.43 1.41 0.00	38.82 2.16 0.00	33.57 1.34 0.00	30.60 0.92 0.00	30.71 0.42 0.00	19.85 0.28 0.00	16.60 0.36 0.00	16.75 0.93 0.00
HUNTLEY___66 23560	18.21 0.27 0.00	16.33 0.35 0.00	18.18 0.34 0.00	17.93 0.21 0.00	16.53 0.29 0.00	15.32 0.21 0.00	21.62 0.51 0.00	20.66 0.12 0.00	1.29 -0.49 0.00	16.19 0.36 0.00	17.65 0.41 0.00	18.76 0.58 0.00	18.72 0.72 0.00	18.88 0.73 0.00	20.76 0.94 0.00	27.77 1.11 0.00	35.43 1.41 0.00	38.82 2.16 0.00	33.57 1.34 0.00	30.60 0.92 0.00	30.71 0.42 0.00	19.85 0.28 0.00	16.60 0.36 0.00	16.75 0.93 0.00
HUNTLEY___67 23561	18.08 0.14 0.00	16.21 0.22 0.00	18.04 0.20 0.00	17.80 0.08 0.00	16.40 0.16 0.00	15.20 0.08 0.00	21.47 0.36 0.00	20.54 0.00 0.00	1.30 -0.49 0.00	16.07 0.23 0.00	17.53 0.29 0.00	18.62 0.44 0.00	18.58 0.58 0.00	18.72 0.57 0.00	20.55 0.73 0.00	27.53 0.87 0.00	35.18 1.16 0.00	38.55 1.88 0.00	33.32 1.10 0.00	30.40 0.71 0.00	30.52 0.22 0.00	19.71 0.14 0.00	16.46 0.22 0.00	16.61 0.79 0.00
HUNTLEY___68 23562	18.08 0.14 0.00	16.21 0.22 0.00	18.04 0.20 0.00	17.80 0.08 0.00	16.40 0.16 0.00	15.20 0.08 0.00	21.47 0.36 0.00	20.54 0.00 0.00	1.30 -0.49 0.00	16.07 0.23 0.00	17.53 0.29 0.00	18.62 0.44 0.00	18.58 0.58 0.00	18.72 0.57 0.00	20.55 0.73 0.00	27.53 0.87 0.00	35.18 1.16 0.00	38.55 1.88 0.00	33.32 1.10 0.00	30.40 0.71 0.00	30.52 0.22 0.00	19.71 0.14 0.00	16.46 0.22 0.00	16.61 0.79 0.00
HYLAND___LFGE 323620	18.76 0.82 0.00	16.75 0.77 0.00	18.63 0.80 0.00	18.41 0.70 0.00	16.97 0.73 0.00	15.83 0.71 0.00	22.48 1.37 0.00	21.83 1.30 0.00	1.59 -0.19 0.00	16.60 0.76 0.00	17.83 0.59 0.00	18.83 0.66 0.00	18.63 0.63 0.00	18.57 0.42 0.00	20.08 0.26 0.00	27.02 0.36 0.00	34.69 0.66 0.00	37.90 1.24 0.00	33.91 1.69 0.00	31.48 1.79 0.00	31.76 1.46 0.00	20.34 0.77 0.00	17.17 0.93 0.00	17.18 1.36 0.00
INDECK___CORINTH 23802	18.29 0.44 0.09	16.43 0.44 0.00	18.33 0.50 0.00	18.14 0.43 0.00	16.68 0.44 0.00	15.64 0.52 0.00	22.07 0.95 0.00	21.52 0.98 0.00	16.53 0.19 -14.56	16.51 0.60 -0.07	20.03 0.60 -2.20	19.01 0.55 -0.29	17.20 0.39 1.19	18.57 0.42 0.00	20.70 0.53 -0.34	26.66 0.80 0.79	35.02 1.00 0.00	38.13 1.47 0.00	34.01 1.79 0.00	31.23 1.54 0.00	31.62 1.33 0.00	20.37 0.80 0.00	16.84 0.60 0.00	16.22 0.41 0.00
INDECK___ILION 23567	17.95 0.01 0.00	15.99 0.00 0.00	17.86 0.02 0.00	17.71 0.00 0.00	16.26 0.03 0.00	15.16 0.04 0.00	21.30 0.19 0.00	20.82 0.28 0.00	1.85 0.06 0.00	16.00 0.17 0.00	17.37 0.13 0.00	18.25 0.07 0.00	18.02 0.02 0.00	18.18 0.02 0.00	19.88 0.05 0.00	26.73 0.07 0.00	34.16 0.13 0.00	37.17 0.50 0.00	32.88 0.66 0.00	30.26 0.57 0.00	30.76 0.47 0.00	19.84 0.27 0.00	16.41 0.17 0.00	15.92 0.10 0.00



INDECK___OLEAN 23982	18.68 0.74 0.00	16.69 0.71 0.00	18.58 0.75 0.00	18.37 0.65 0.00	16.96 0.72 0.00	15.76 0.64 0.00	22.45 1.34 0.00	21.61 1.07 0.00	1.41 -0.37 0.00	16.97 1.13 0.00	18.53 1.30 0.00	19.65 1.48 0.00	19.55 1.55 0.00	19.74 1.59 0.00	21.73 1.90 0.00	29.04 2.38 0.00	37.05 3.03 0.00	40.52 3.85 0.00	35.04 2.82 0.00	31.94 2.25 0.00	32.14 1.84 0.00	20.62 1.06 0.00	17.14 0.90 0.00	17.10 1.29 0.00
INDECK___OSWEGO 23783	18.37 0.43 0.00	16.35 0.37 0.00	18.23 0.40 0.00	18.09 0.37 0.00	16.62 0.38 0.00	15.49 0.37 0.00	21.69 0.58 0.00	21.03 0.49 0.00	1.75 -0.03 0.00	16.14 0.30 0.00	17.55 0.31 0.00	18.53 0.35 0.00	18.39 0.39 0.00	18.51 0.36 0.00	20.05 0.22 0.00	26.81 0.15 0.00	34.24 0.21 0.00	37.27 0.61 0.00	32.90 0.67 0.00	30.30 0.61 0.00	30.78 0.49 0.00	20.01 0.45 0.00	16.66 0.41 0.00	16.31 0.49 0.00
INDECK___YERKES 23781	18.23 0.29 0.00	16.35 0.37 0.00	18.20 0.36 0.00	17.94 0.23 0.00	16.55 0.31 0.00	15.34 0.22 0.00	21.66 0.54 0.00	20.68 0.14 0.00	1.27 -0.51 0.00	16.23 0.40 0.00	17.67 0.43 0.00	18.79 0.61 0.00	18.73 0.73 0.00	18.93 0.77 0.00	20.85 1.02 0.00	27.80 1.14 0.00	35.48 1.45 0.00	38.87 2.21 0.00	33.61 1.39 0.00	30.64 0.95 0.00	30.75 0.45 0.00	19.87 0.30 0.00	16.62 0.38 0.00	16.77 0.95 0.00
INDIAN POINT_GT_1 24139	18.76 0.74 -0.08	16.61 0.62 0.00	18.49 0.65 0.00	18.31 0.60 0.00	16.87 0.63 0.00	15.82 0.70 0.00	22.31 1.19 0.00	21.80 1.26 0.00	44.23 0.27 -42.18	17.07 1.03 -0.20	24.84 1.23 -6.37	20.29 1.28 -0.83	22.28 1.27 -3.02	19.48 1.32 -0.01	22.59 1.47 -1.30	29.77 1.89 -1.21	36.38 2.36 0.00	39.40 2.74 0.00	34.69 2.47 0.00	31.85 2.17 0.00	32.29 1.99 0.00	20.85 1.29 0.00	17.22 0.99 0.00	16.66 0.84 0.00
INDIAN POINT_GT_2 23659	18.76 0.74 -0.08	16.61 0.62 0.00	18.49 0.65 0.00	18.31 0.60 0.00	16.87 0.63 0.00	15.82 0.70 0.00	22.31 1.19 0.00	21.80 1.26 0.00	44.23 0.27 -42.18	17.07 1.03 -0.20	24.84 1.23 -6.37	20.29 1.28 -0.83	22.28 1.27 -3.02	19.48 1.32 -0.01	22.59 1.47 -1.30	29.77 1.89 -1.21	36.38 2.36 0.00	39.40 2.74 0.00	34.69 2.47 0.00	31.85 2.17 0.00	32.29 1.99 0.00	20.85 1.29 0.00	17.22 0.99 0.00	16.66 0.84 0.00
INDIAN POINT_GT_3 24019	18.76 0.74 -0.08	16.61 0.62 0.00	18.49 0.65 0.00	18.31 0.60 0.00	16.87 0.63 0.00	15.82 0.70 0.00	22.31 1.19 0.00	21.80 1.26 0.00	44.23 0.27 -42.18	17.07 1.03 -0.20	24.84 1.23 -6.37	20.29 1.28 -0.83	22.28 1.27 -3.02	19.48 1.32 -0.01	22.59 1.47 -1.30	29.77 1.89 -1.21	36.38 2.36 0.00	39.40 2.74 0.00	34.69 2.47 0.00	31.85 2.17 0.00	32.29 1.99 0.00	20.85 1.29 0.00	17.22 0.99 0.00	16.66 0.84 0.00
INDIAN POINT___2 23530	18.73 0.72 -0.07	16.58 0.60 0.00	18.46 0.63 0.00	18.29 0.57 0.00	16.84 0.61 0.00	15.79 0.67 0.00	22.28 1.17 0.00	21.77 1.24 0.00	51.56 0.28 -49.50	17.08 1.01 -0.23	25.91 1.20 -7.47	20.41 1.25 -0.98	22.38 1.24 -3.13	19.45 1.29 -0.01	22.73 1.43 -1.48	29.74 1.84 -1.24	36.32 2.29 0.00	39.34 2.68 0.00	34.63 2.41 0.00	31.80 2.11 0.00	32.25 1.95 0.00	20.82 1.26 0.00	17.20 0.96 0.00	16.64 0.82 0.00
INDIAN POINT___3 23531	18.74 0.72 -0.08	16.58 0.60 0.00	18.47 0.63 0.00	18.30 0.58 0.00	16.85 0.61 0.00	15.79 0.68 0.00	22.28 1.17 0.00	21.76 1.23 0.00	44.73 0.27 -42.67	17.04 1.00 -0.20	24.87 1.19 -6.44	20.26 1.25 -0.84	22.25 1.23 -3.03	19.44 1.28 -0.01	22.55 1.41 -1.31	29.70 1.82 -1.22	36.29 2.26 0.00	39.31 2.65 0.00	34.60 2.38 0.00	31.78 2.09 0.00	32.22 1.92 0.00	20.81 1.24 0.00	17.19 0.95 0.00	16.63 0.81 0.00
INGHAM_C_115KV_TB7 356103	17.86 -0.08 0.00	15.91 -0.08 0.00	17.79 -0.04 0.00	17.60 -0.11 0.00	16.19 -0.04 0.00	15.11 -0.01 0.00	21.34 0.23 0.00	20.99 0.46 0.00	1.91 0.13 0.00	16.09 0.25 0.00	17.39 0.15 0.00	18.16 -0.02 0.00	17.89 -0.11 0.00	18.05 -0.10 0.00	19.76 -0.07 0.00	26.56 -0.10 0.00	33.99 -0.04 0.00	37.35 0.69 0.00	33.30 1.08 0.00	30.61 0.93 0.00	31.05 0.75 0.00	20.00 0.43 0.00	16.50 0.26 0.00	15.93 0.11 0.00
IP CORINTH___1 23988	18.39 0.54 0.09	16.52 0.53 0.00	18.43 0.59 0.00	18.24 0.53 0.00	16.77 0.53 0.00	15.73 0.61 0.00	22.19 1.08 0.00	21.64 1.11 0.00	16.53 0.20 -14.56	16.60 0.70 -0.07	20.14 0.70 -2.20	19.12 0.65 -0.29	17.30 0.49 1.19	18.68 0.53 0.00	20.82 0.66 -0.34	26.83 0.96 0.79	35.23 1.20 0.00	38.35 1.69 0.00	34.21 1.98 0.00	31.41 1.72 0.00	31.80 1.50 0.00	20.48 0.92 0.00	16.94 0.70 0.00	16.32 0.50 0.00
IP___TICONDEROGA 23804	18.41 0.56 0.09	16.63 0.64 0.00	18.55 0.71 0.00	18.31 0.59 0.00	16.85 0.61 0.00	15.98 0.86 0.00	22.74 1.62 0.00	22.17 1.63 0.00	16.68 0.30 -14.60	16.74 0.84 -0.07	20.21 0.77 -2.21	19.07 0.61 -0.29	17.30 0.52 1.22	18.74 0.59 0.00	21.05 0.88 -0.34	27.18 1.33 0.81	36.11 2.09 0.00	39.34 2.68 0.00	35.07 2.85 0.00	32.02 2.34 0.00	31.85 1.56 0.00	20.59 1.03 0.00	17.16 0.92 0.00	16.42 0.60 0.00
ISLIP_RES_REC 323679	29.87 1.68 -10.25	17.41 1.43 0.00	19.30 1.46 0.00	19.14 1.42 0.00	17.90 1.49 -0.17	16.70 1.48 -0.11	93.80 2.38 -70.30	73.24 2.36 -50.34	85.45 0.51 -83.16	24.89 1.80 -7.25	25.17 2.00 -5.93	169.54 2.07 -149.29	29.30 2.00 -9.29	34.81 2.07 -14.58	31.68 2.36 -9.50	34.87 3.17 -5.04	39.94 3.77 -2.16	63.22 4.46 -22.10	44.77 3.99 -8.56	35.97 3.70 -2.58	64.01 3.52 -30.19	25.03 2.16 -3.31	18.70 1.72 -0.74	17.36 1.54 0.00
JAMAICA___27_KV_LOAD 355505	18.86 0.84 -0.08	16.68 0.70 0.00	18.60 0.76 0.00	18.40 0.69 0.00	16.94 0.71 0.00	15.91 0.79 0.00	22.44 1.32 0.00	21.90 1.36 0.00	41.46 0.33 -39.35	17.19 1.17 -0.18	24.54 1.36 -5.94	20.41 1.46 -0.77	22.83 1.47 -3.37	21.96 1.51 -2.30	22.75 1.69 -1.23	30.03 2.14 -1.23	36.71 2.69 0.00	39.73 3.07 0.00	34.91 2.69 0.00	32.08 2.40 0.00	32.47 2.18 0.00	21.04 1.47 0.00	17.39 1.14 0.00	16.76 0.94 0.00
JANIS___SOLAR 323808	18.67 0.73 0.00	16.64 0.65 0.00	18.53 0.69 0.00	18.39 0.67 0.00	16.93 0.69 0.00	15.80 0.69 0.00	22.35 1.23 0.00	21.73 1.19 0.00	1.76 -0.02 0.00	16.61 0.77 0.00	17.94 0.71 0.00	18.94 0.76 0.00	18.78 0.78 0.00	18.85 0.70 0.00	20.60 0.77 0.00	27.81 1.15 0.00	35.72 1.69 0.00	39.13 2.48 0.00	34.71 2.48 0.00	31.98 2.29 0.00	32.36 2.06 0.00	20.76 1.20 0.00	17.15 0.92 0.00	16.76 0.94 0.00
JARVIS____ 23743	17.95 0.01 0.00	15.99 0.01 0.00	17.85 0.02 0.00	17.72 0.01 0.00	16.25 0.02 0.00	15.14 0.03 0.00	21.20 0.09 0.00	20.63 0.09 0.00	1.79 0.01 0.00	15.90 0.06 0.00	17.31 0.07 0.00	18.25 0.07 0.00	18.06 0.05 0.00	18.21 0.05 0.00	19.91 0.08 0.00	26.76 0.10 0.00	34.14 0.12 0.00	36.91 0.24 0.00	32.48 0.26 0.00	29.92 0.23 0.00	30.46 0.16 0.00	19.66 0.10 0.00	16.29 0.05 0.00	15.87 0.05 0.00

JENNISON___1 23625	18.62 0.69 0.00	16.58 0.60 0.00	18.48 0.65 0.00	18.35 0.63 0.00	16.89 0.65 0.00	15.79 0.67 0.00	22.38 1.26 0.00	21.74 1.21 0.00	1.81 0.02 0.00	16.80 0.96 0.00	18.27 1.03 0.00	19.30 1.12 0.00	19.10 1.10 0.00	19.19 1.04 0.00	20.98 1.15 0.00	28.31 1.65 0.00	36.28 2.25 0.00	39.54 2.88 0.00	34.85 2.63 0.00	32.05 2.36 0.00	32.43 2.13 0.00	20.82 1.25 0.00	17.20 0.96 0.00	16.77 0.96 0.00
JENNISON___2 23626	18.62 0.69 0.00	16.58 0.60 0.00	18.48 0.65 0.00	18.35 0.63 0.00	16.89 0.65 0.00	15.79 0.67 0.00	22.38 1.26 0.00	21.74 1.21 0.00	1.81 0.02 0.00	16.80 0.96 0.00	18.27 1.03 0.00	19.30 1.12 0.00	19.10 1.10 0.00	19.19 1.04 0.00	20.98 1.15 0.00	28.31 1.65 0.00	36.28 2.25 0.00	39.54 2.88 0.00	34.85 2.63 0.00	32.05 2.36 0.00	32.43 2.13 0.00	20.82 1.25 0.00	17.20 0.96 0.00	16.77 0.96 0.00
JERICHO_RISE_WT_PWR 323719	18.17 0.23 0.00	16.16 0.17 0.00	18.01 0.17 0.00	17.89 0.18 0.00	16.41 0.17 0.00	15.28 0.16 0.00	21.46 0.35 0.00	20.95 0.42 0.00	1.83 0.05 0.00	16.12 0.28 0.00	17.45 0.21 0.00	18.33 0.16 0.00	18.14 0.13 0.00	18.33 0.18 0.00	20.04 0.22 0.00	27.01 0.35 0.00	34.58 0.55 0.00	36.96 0.30 0.00	32.48 0.25 0.00	29.90 0.21 0.00	30.22 -0.08 0.00	19.31 -0.25 0.00	15.98 -0.26 0.00	15.23 -0.59 0.00
KATONAH___115KV_46KV_TB4 355592	18.86 0.83 -0.08	16.70 0.71 0.00	18.59 0.76 0.00	18.42 0.70 0.00	16.95 0.72 0.00	15.90 0.78 0.00	22.42 1.31 0.00	21.90 1.37 0.00	33.00 0.29 -30.94	17.10 1.12 -0.15	23.23 1.32 -4.67	20.17 1.38 -0.61	22.14 1.36 -2.78	19.58 1.42 0.00	22.43 1.58 -1.02	29.88 2.06 -1.16	36.58 2.56 0.00	39.64 2.98 0.00	34.90 2.68 0.00	32.06 2.37 0.00	32.49 2.19 0.00	20.97 1.40 0.00	17.31 1.07 0.00	16.73 0.91 0.00
KCE_NY_1 323755	18.57 0.73 0.09	16.64 0.65 0.00	18.60 0.77 0.00	18.41 0.69 0.00	16.91 0.68 0.00	15.81 0.70 0.00	22.28 1.16 0.00	21.71 1.17 0.00	16.61 0.18 -14.65	16.71 0.80 -0.07	20.29 0.84 -2.21	19.30 0.84 -0.29	17.51 0.77 1.27	18.94 0.78 0.00	21.09 0.92 -0.34	27.11 1.29 0.83	35.65 1.63 0.00	38.80 2.14 0.00	34.36 2.14 0.00	31.61 1.92 0.00	31.99 1.69 0.00	20.62 1.06 0.00	17.06 0.82 0.00	16.49 0.67 0.00
KCE_NY_6_ESR 323823	18.35 0.41 0.00	16.43 0.45 0.00	18.29 0.46 0.00	18.05 0.33 0.00	16.63 0.40 0.00	15.44 0.32 0.00	21.86 0.75 0.00	20.94 0.41 0.00	1.33 -0.45 0.00	16.39 0.55 0.00	17.88 0.64 0.00	18.99 0.81 0.00	18.93 0.93 0.00	19.12 0.96 0.00	21.02 1.19 0.00	28.10 1.44 0.00	35.95 1.92 0.00	39.37 2.71 0.00	34.01 1.78 0.00	31.04 1.36 0.00	31.16 0.87 0.00	20.09 0.52 0.00	16.75 0.51 0.00	16.85 1.03 0.00
KEDC_PORT_JEFF_GT2 24210	29.77 1.58 -10.25	17.33 1.34 0.00	19.21 1.37 0.00	19.06 1.34 0.00	17.81 1.41 -0.17	16.63 1.40 -0.11	93.92 2.25 -70.56	73.39 2.24 -50.62	85.67 0.50 -83.39	24.79 1.70 -7.25	25.06 1.89 -5.93	169.41 1.95 -149.28	29.15 1.89 -9.26	34.67 1.93 -14.58	31.52 2.19 -9.50	34.63 2.93 -5.04	39.54 3.36 -2.16	62.69 3.92 -22.10	44.30 3.52 -8.56	35.57 3.31 -2.58	63.69 3.20 -30.19	24.62 1.97 -3.09	18.52 1.59 -0.69	17.24 1.42 0.00
KEDC_PORT_JEFF_GT3 24211	29.77 1.58 -10.25	17.33 1.34 0.00	19.21 1.37 0.00	19.06 1.34 0.00	17.81 1.41 -0.17	16.63 1.40 -0.11	93.92 2.25 -70.56	73.39 2.24 -50.62	85.67 0.50 -83.39	24.79 1.70 -7.25	25.06 1.89 -5.93	169.41 1.95 -149.28	29.15 1.89 -9.26	34.67 1.93 -14.58	31.52 2.19 -9.50	34.63 2.93 -5.04	39.54 3.36 -2.16	62.69 3.92 -22.10	44.30 3.52 -8.56	35.57 3.31 -2.58	63.69 3.20 -30.19	24.62 1.97 -3.09	18.52 1.59 -0.69	17.24 1.42 0.00
KEDC_GLWD_GT4 24219	29.28 1.09 -10.25	16.91 0.93 0.00	18.79 0.96 0.00	18.63 0.92 0.00	17.35 0.95 -0.17	16.22 1.00 -0.10	67.33 1.63 -44.59	45.09 1.68 -22.87	62.70 0.40 -60.53	24.44 1.35 -7.25	24.78 1.61 -5.93	169.38 1.69 -149.51	29.98 1.68 -10.30	34.49 1.75 -14.58	31.26 1.94 -9.50	34.22 2.52 -5.04	39.27 3.09 -2.16	62.34 3.58 -22.10	43.94 3.16 -8.56	35.08 2.82 -2.58	63.11 2.62 -30.19	32.91 1.69 -11.66	20.16 1.29 -2.63	16.94 1.12 0.00
KEDC_GLWD_GT5 24220	29.28 1.09 -10.25	16.91 0.93 0.00	18.79 0.96 0.00	18.63 0.92 0.00	17.35 0.95 -0.17	16.22 1.00 -0.10	67.33 1.63 -44.59	45.09 1.68 -22.87	62.70 0.40 -60.53	24.44 1.35 -7.25	24.78 1.61 -5.93	169.38 1.69 -149.51	29.98 1.68 -10.30	34.49 1.75 -14.58	31.26 1.94 -9.50	34.22 2.52 -5.04	39.27 3.09 -2.16	62.34 3.58 -22.10	43.94 3.16 -8.56	35.08 2.82 -2.58	63.11 2.62 -30.19	32.91 1.69 -11.66	20.16 1.29 -2.63	16.94 1.12 0.00
KENSICO____ 23655	18.81 0.79 -0.08	16.65 0.66 0.00	18.54 0.70 0.00	18.36 0.64 0.00	16.91 0.67 0.00	15.86 0.74 0.00	22.37 1.26 0.00	21.86 1.32 0.00	42.50 0.29 -40.42	17.11 1.08 -0.19	24.63 1.29 -6.10	20.33 1.35 -0.80	22.34 1.33 -3.01	19.55 1.39 -0.01	22.62 1.54 -1.25	29.87 1.98 -1.23	36.49 2.46 0.00	39.51 2.86 0.00	34.78 2.55 0.00	31.94 2.25 0.00	32.37 2.08 0.00	20.91 1.35 0.00	17.27 1.04 0.00	16.70 0.88 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.81 0.84 -0.03	16.67 0.69 0.00	18.57 0.74 0.00	18.40 0.69 0.00	16.93 0.70 0.00	15.88 0.77 0.00	22.42 1.30 0.00	21.91 1.37 0.00	-2.21 0.28 4.27	16.84 1.03 0.02	17.77 1.18 0.65	19.33 1.24 0.08	20.00 1.23 -0.77	19.42 1.27 0.00	21.30 1.43 -0.04	28.87 1.90 -0.31	36.61 2.58 0.00	39.60 2.94 0.00	34.92 2.70 0.00	32.09 2.41 0.00	32.54 2.25 0.00	20.98 1.41 0.00	17.31 1.07 0.00	16.75 0.93 0.00
KIAC_JFK_GT1 23816	18.76 0.73 -0.08	16.59 0.61 0.00	18.50 0.67 0.00	18.31 0.59 0.00	16.85 0.62 0.00	15.83 0.71 0.00	22.28 1.16 0.00	21.68 1.14 0.00	41.45 0.32 -39.35	17.02 1.00 -0.18	24.36 1.18 -5.94	20.22 1.26 -0.77	22.64 1.28 -3.37	21.77 1.32 -2.30	22.54 1.48 -1.23	29.75 1.87 -1.23	36.33 2.31 0.00	39.31 2.65 0.00	34.55 2.33 0.00	31.76 2.07 0.00	32.14 1.85 0.00	20.83 1.26 0.00	17.27 1.03 0.00	16.65 0.83 0.00
KIAC_JFK_GT2 23817	18.76 0.73 -0.08	16.59 0.61 0.00	18.50 0.67 0.00	18.31 0.59 0.00	16.85 0.62 0.00	15.83 0.71 0.00	22.28 1.16 0.00	21.68 1.14 0.00	41.45 0.32 -39.35	17.02 1.00 -0.18	24.36 1.18 -5.94	20.22 1.26 -0.77	22.64 1.28 -3.37	21.77 1.32 -2.30	22.54 1.48 -1.23	29.75 1.87 -1.23	36.33 2.31 0.00	39.31 2.65 0.00	34.55 2.33 0.00	31.76 2.07 0.00	32.14 1.85 0.00	20.83 1.26 0.00	17.27 1.03 0.00	16.65 0.83 0.00
KIAC_JFK____ 323774	18.76 0.74 -0.08	16.59 0.61 0.00	18.50 0.67 0.00	18.31 0.59 0.00	16.85 0.62 0.00	15.83 0.71 0.00	22.27 1.16 0.00	21.68 1.14 0.00	41.45 0.32 -39.35	17.02 1.00 -0.18	24.36 1.18 -5.94	20.22 1.26 -0.77	22.65 1.29 -3.37	21.77 1.32 -2.30	22.53 1.47 -1.23	29.75 1.86 -1.23	36.33 2.31 0.00	39.32 2.65 0.00	34.55 2.33 0.00	31.76 2.07 0.00	32.14 1.85 0.00	20.83 1.26 0.00	17.27 1.03 0.00	16.65 0.83 0.00

KINTIGH____ 23543	17.84 -0.10 0.00	15.98 -0.01 0.00	17.80 -0.03 0.00	17.57 -0.14 0.00	16.18 -0.06 0.00	15.01 -0.11 0.00	21.14 0.02 0.00	20.24 -0.29 0.00	1.37 -0.41 0.00	15.82 -0.02 0.00	17.24 0.01 0.00	18.30 0.13 0.00	18.25 0.25 0.00	18.39 0.24 0.00	20.16 0.33 0.00	27.05 0.39 0.00	34.54 0.52 0.00	37.76 1.10 0.00	32.77 0.55 0.00	29.92 0.23 0.00	30.12 -0.18 0.00	19.43 -0.14 0.00	16.20 -0.04 0.00	16.25 0.43 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.43 0.49 0.00	16.39 0.40 0.00	18.26 0.43 0.00	18.13 0.42 0.00	16.63 0.39 0.00	15.49 0.37 0.00	21.85 0.74 0.00	21.33 0.80 0.00	1.88 0.09 0.00	16.38 0.54 0.00	17.72 0.48 0.00	18.58 0.40 0.00	18.38 0.38 0.00	18.61 0.45 0.00	20.38 0.55 0.00	27.47 0.81 0.00	35.22 1.20 0.00	37.75 1.09 0.00	33.23 1.00 0.00	30.53 0.85 0.00	30.76 0.46 0.00	19.65 0.08 0.00	16.26 0.02 0.00	15.44 -0.38 0.00
LACHUTE__HYDRO 323717	18.41 0.56 0.09	16.63 0.64 0.00	18.55 0.71 0.00	18.31 0.59 0.00	16.85 0.61 0.00	15.98 0.86 0.00	22.73 1.62 0.00	22.17 1.63 0.00	16.68 0.30 -14.60	16.74 0.84 -0.07	20.21 0.77 -2.21	19.07 0.61 -0.29	17.30 0.52 1.22	18.74 0.58 0.00	21.04 0.87 -0.34	27.18 1.33 0.81	36.11 2.09 0.00	39.34 2.68 0.00	35.07 2.84 0.00	32.02 2.34 0.00	31.85 1.56 0.00	20.59 1.02 0.00	17.16 0.92 0.00	16.42 0.60 0.00
LAWRNCALV_115KV_TB1 80681	18.02 0.08 0.00	16.04 0.06 0.00	17.88 0.04 0.00	17.78 0.07 0.00	16.24 0.00 0.00	15.13 0.02 0.00	21.16 0.05 0.00	20.66 0.12 0.00	1.79 0.00 0.00	15.88 0.04 0.00	17.22 -0.02 0.00	18.15 -0.03 0.00	17.94 -0.06 0.00	18.07 -0.09 0.00	19.69 -0.14 0.00	26.51 -0.15 0.00	33.82 -0.20 0.00	35.94 -0.72 0.00	31.64 -0.59 0.00	29.22 -0.47 0.00	29.92 -0.38 0.00	19.46 -0.11 0.00	16.20 -0.04 0.00	15.63 -0.19 0.00
LEDERLE____ 23769	18.80 0.79 -0.07	16.63 0.65 0.00	18.51 0.68 0.00	18.34 0.63 0.00	16.90 0.66 0.00	15.84 0.73 0.00	22.37 1.25 0.00	21.86 1.32 0.00	-49.93 0.28 51.99	16.66 1.07 0.24	10.65 1.27 7.85	18.48 1.33 1.02	20.22 1.31 -0.91	19.51 1.36 0.00	20.57 1.51 0.77	28.89 1.97 -0.26	36.49 2.46 0.00	39.55 2.89 0.00	34.81 2.59 0.00	31.94 2.26 0.00	32.39 2.10 0.00	20.90 1.33 0.00	17.25 1.01 0.00	16.70 0.88 0.00
LIGHTHSE_115KV_TB6 355974	18.33 0.39 0.00	16.30 0.32 0.00	18.18 0.34 0.00	18.05 0.33 0.00	16.58 0.35 0.00	15.47 0.35 0.00	21.67 0.56 0.00	21.02 0.48 0.00	1.76 -0.02 0.00	16.06 0.22 0.00	17.43 0.19 0.00	18.40 0.22 0.00	18.25 0.25 0.00	18.39 0.23 0.00	20.01 0.18 0.00	26.82 0.16 0.00	34.25 0.22 0.00	37.42 0.75 0.00	33.12 0.89 0.00	30.57 0.88 0.00	31.01 0.72 0.00	20.02 0.45 0.00	16.58 0.34 0.00	16.19 0.37 0.00
LINDEN COGEN____ 23786	18.84 0.82 -0.08	16.67 0.69 0.00	18.55 0.71 0.00	18.36 0.64 0.00	16.91 0.67 0.00	15.87 0.75 0.00	22.40 1.29 0.00	21.89 1.36 0.00	41.47 0.33 -39.36	17.17 1.15 -0.19	24.16 1.40 -5.52	19.20 1.50 0.48	21.82 1.50 -2.32	22.02 1.57 -2.30	22.78 1.73 -1.23	29.64 2.18 -0.79	34.56 2.65 2.11	37.76 3.04 1.94	34.24 2.70 0.68	31.87 2.36 0.18	32.49 2.20 0.00	21.05 1.49 0.00	17.39 1.15 0.00	16.80 0.98 0.00
LINDHRST_69_KV_BK1 356055	29.77 1.58 -10.25	17.31 1.33 0.00	19.21 1.38 0.00	19.06 1.34 0.00	17.78 1.38 -0.16	16.60 1.38 -0.10	83.54 2.17 -60.26	62.33 2.18 -39.61	76.60 0.50 -74.32	24.81 1.72 -7.25	25.11 1.94 -5.93	169.60 2.01 -149.41	29.82 1.95 -9.87	34.79 2.06 -14.58	31.63 2.31 -9.50	34.73 3.03 -5.04	39.84 3.66 -2.16	63.10 4.34 -22.10	44.63 3.85 -8.56	35.71 3.44 -2.58	63.74 3.25 -30.19	28.27 2.04 -6.67	19.35 1.60 -1.50	17.23 1.41 0.00
LIPA_MISC_IPP 23656	29.76 1.57 -10.25	17.33 1.34 0.00	19.20 1.37 0.00	19.05 1.33 0.00	17.81 1.41 -0.16	16.62 1.40 -0.10	95.50 2.24 -72.15	75.06 2.21 -52.31	87.08 0.51 -84.78	24.76 1.67 -7.25	25.01 1.85 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.25	34.63 1.89 -14.58	31.49 2.16 -9.50	34.59 2.89 -5.04	39.64 3.46 -2.16	62.85 4.09 -22.10	44.47 3.69 -8.56	35.71 3.44 -2.58	63.75 3.26 -30.19	24.60 2.02 -3.02	18.53 1.61 -0.68	17.27 1.45 0.00
LISF__SOLAR 323691	29.79 1.60 -10.25	17.36 1.37 0.00	19.23 1.40 0.00	19.08 1.36 0.00	17.85 1.44 -0.17	16.66 1.43 -0.11	95.24 2.29 -71.84	74.77 2.26 -51.98	86.80 0.51 -84.51	24.78 1.69 -7.25	25.03 1.87 -5.93	169.37 1.91 -149.28	29.10 1.84 -9.25	34.65 1.91 -14.58	31.50 2.18 -9.50	34.63 2.93 -5.04	39.71 3.52 -2.16	62.95 4.19 -22.10	44.57 3.79 -8.56	35.80 3.53 -2.58	63.84 3.35 -30.19	24.68 2.06 -3.05	18.57 1.65 -0.69	17.30 1.49 0.00
LITTLE FALLS__HYD 24013	17.86 -0.08 0.00	15.91 -0.08 0.00	17.79 -0.04 0.00	17.60 -0.11 0.00	16.19 -0.04 0.00	15.11 -0.01 0.00	21.34 0.23 0.00	20.99 0.46 0.00	1.91 0.13 0.00	16.09 0.25 0.00	17.39 0.15 0.00	18.16 -0.02 0.00	17.89 -0.11 0.00	18.05 -0.10 0.00	19.76 -0.07 0.00	26.56 -0.10 0.00	33.99 -0.04 0.00	37.35 0.69 0.00	33.30 1.08 0.00	30.61 0.93 0.00	31.05 0.75 0.00	20.00 0.43 0.00	16.50 0.26 0.00	15.93 0.11 0.00
LITTLRIV_115KV_TB1 356100	18.20 0.26 0.00	16.20 0.21 0.00	18.05 0.21 0.00	17.96 0.24 0.00	16.40 0.16 0.00	15.30 0.18 0.00	21.43 0.31 0.00	20.94 0.40 0.00	1.82 0.04 0.00	16.05 0.21 0.00	17.39 0.15 0.00	18.32 0.14 0.00	18.10 0.11 0.00	18.23 0.08 0.00	19.87 0.04 0.00	26.74 0.08 0.00	34.13 0.11 0.00	36.35 -0.31 0.00	32.08 -0.15 0.00	29.65 -0.04 0.00	30.35 0.05 0.00	19.72 0.16 0.00	16.39 0.15 0.00	15.81 -0.01 0.00
LI_NEWBRIDGE__DRP 323616	29.33 1.13 -10.25	16.93 0.95 0.00	18.81 0.98 0.00	18.66 0.95 0.00	17.40 1.00 -0.16	16.25 1.04 -0.09	61.07 1.70 -38.26	38.36 1.72 -16.11	57.19 0.46 -54.95	24.43 1.34 -7.25	24.73 1.57 -5.93	169.04 1.64 -149.22	28.55 1.59 -8.96	34.43 1.69 -14.58	31.18 1.86 -9.50	34.10 2.40 -5.04	39.07 2.88 -2.16	62.14 3.39 -22.10	43.79 3.01 -8.56	34.98 2.71 -2.58	63.01 2.52 -30.19	21.68 1.63 -0.49	17.61 1.26 -0.10	16.92 1.10 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.00 0.07 0.00	16.14 0.15 0.00	17.97 0.14 0.00	17.72 0.00 0.00	16.33 0.10 0.00	15.14 0.03 0.00	21.36 0.24 0.00	20.43 -0.10 0.00	1.27 -0.51 0.00	16.00 0.17 0.00	17.42 0.18 0.00	18.51 0.33 0.00	18.48 0.48 0.00	18.63 0.48 0.00	20.56 0.73 0.00	27.40 0.74 0.00	35.00 0.98 0.00	38.41 1.74 0.00	33.24 1.01 0.00	30.32 0.63 0.00	30.43 0.13 0.00	19.67 0.10 0.00	16.42 0.18 0.00	16.58 0.76 0.00
LOCKPORT__CC1 323769	18.01 0.07 0.00	16.15 0.16 0.00	17.97 0.14 0.00	17.73 0.02 0.00	16.34 0.10 0.00	15.15 0.03 0.00	21.38 0.26 0.00	20.43 -0.10 0.00	1.26 -0.52 0.00	16.02 0.18 0.00	17.43 0.19 0.00	18.52 0.34 0.00	18.47 0.47 0.00	18.66 0.50 0.00	20.60 0.77 0.00	27.40 0.74 0.00	35.00 0.98 0.00	38.40 1.74 0.00	33.22 1.00 0.00	30.31 0.62 0.00	30.41 0.11 0.00	19.66 0.09 0.00	16.41 0.17 0.00	16.58 0.76 0.00

LOCKPORT___CC2 323770	18.01 0.07 0.00	16.15 0.16 0.00	17.97 0.14 0.00	17.73 0.02 0.00	16.34 0.10 0.00	15.15 0.03 0.00	21.38 0.26 0.00	20.43 -0.10 0.00	1.26 -0.52 0.00	16.02 0.18 0.00	17.43 0.19 0.00	18.52 0.34 0.00	18.47 0.47 0.00	18.66 0.50 0.00	20.60 0.77 0.00	27.40 0.74 0.00	35.00 0.98 0.00	38.40 1.74 0.00	33.22 1.00 0.00	30.31 0.62 0.00	30.41 0.11 0.00	19.66 0.09 0.00	16.41 0.17 0.00	16.58 0.76 0.00
LOCKPORT___CC3 323771	18.01 0.07 0.00	16.15 0.16 0.00	17.97 0.14 0.00	17.73 0.02 0.00	16.34 0.10 0.00	15.15 0.03 0.00	21.38 0.26 0.00	20.43 -0.10 0.00	1.26 -0.52 0.00	16.02 0.18 0.00	17.43 0.19 0.00	18.52 0.34 0.00	18.47 0.47 0.00	18.66 0.50 0.00	20.60 0.77 0.00	27.40 0.74 0.00	35.00 0.98 0.00	38.40 1.74 0.00	33.22 1.00 0.00	30.31 0.62 0.00	30.41 0.11 0.00	19.66 0.09 0.00	16.41 0.17 0.00	16.58 0.76 0.00
LONG_LAKE_PHOENIX 24014	18.31 0.37 0.00	16.30 0.31 0.00	18.17 0.34 0.00	18.03 0.31 0.00	16.55 0.32 0.00	15.43 0.31 0.00	21.58 0.47 0.00	20.92 0.39 0.00	1.74 -0.04 0.00	16.09 0.25 0.00	17.51 0.27 0.00	18.47 0.30 0.00	18.34 0.34 0.00	18.50 0.34 0.00	20.13 0.31 0.00	27.00 0.34 0.00	34.50 0.47 0.00	37.52 0.86 0.00	33.06 0.84 0.00	30.42 0.73 0.00	30.89 0.59 0.00	19.96 0.40 0.00	16.59 0.35 0.00	16.27 0.45 0.00
LOVETT___3 23632	18.71 0.71 -0.07	16.57 0.58 0.00	18.44 0.60 0.00	18.27 0.55 0.00	16.82 0.59 0.00	15.77 0.65 0.00	22.26 1.14 0.00	21.73 1.20 0.00	-51.09 0.27 53.14	16.56 0.97 0.25	10.37 1.16 8.02	18.35 1.22 1.05	20.07 1.19 -0.88	19.38 1.23 0.00	20.39 1.37 0.80	28.68 1.76 -0.26	36.21 2.19 0.00	39.24 2.58 0.00	34.54 2.31 0.00	31.71 2.02 0.00	32.16 1.86 0.00	20.76 1.19 0.00	17.15 0.91 0.00	16.60 0.78 0.00
LOVETT___4 23642	18.71 0.71 -0.07	16.57 0.58 0.00	18.44 0.60 0.00	18.27 0.55 0.00	16.82 0.59 0.00	15.77 0.65 0.00	22.26 1.14 0.00	21.73 1.20 0.00	-51.09 0.27 53.14	16.56 0.97 0.25	10.37 1.16 8.02	18.35 1.22 1.05	20.07 1.19 -0.88	19.38 1.23 0.00	20.39 1.37 0.80	28.68 1.76 -0.26	36.21 2.19 0.00	39.24 2.58 0.00	34.54 2.31 0.00	31.71 2.02 0.00	32.16 1.86 0.00	20.76 1.19 0.00	17.15 0.91 0.00	16.60 0.78 0.00
LOVETT___5 23593	18.71 0.71 -0.07	16.57 0.58 0.00	18.44 0.60 0.00	18.27 0.55 0.00	16.82 0.59 0.00	15.77 0.65 0.00	22.26 1.14 0.00	21.73 1.20 0.00	-51.09 0.27 53.14	16.56 0.97 0.25	10.37 1.16 8.02	18.35 1.22 1.05	20.07 1.19 -0.88	19.38 1.23 0.00	20.39 1.37 0.80	28.68 1.76 -0.26	36.21 2.19 0.00	39.24 2.58 0.00	34.54 2.31 0.00	31.71 2.02 0.00	32.16 1.86 0.00	20.76 1.19 0.00	17.15 0.91 0.00	16.60 0.78 0.00
LOWER RAQUET___HYD 24057	18.04 0.11 0.00	16.06 0.08 0.00	17.90 0.07 0.00	17.81 0.09 0.00	16.27 0.03 0.00	15.16 0.04 0.00	21.22 0.10 0.00	20.72 0.18 0.00	1.80 0.02 0.00	15.91 0.08 0.00	17.25 0.01 0.00	18.18 0.00 0.00	17.97 -0.03 0.00	18.09 -0.06 0.00	19.72 -0.11 0.00	26.55 -0.11 0.00	33.85 -0.17 0.00	35.96 -0.70 0.00	31.67 -0.56 0.00	29.26 -0.43 0.00	29.93 -0.37 0.00	19.49 -0.08 0.00	16.22 -0.02 0.00	15.64 -0.18 0.00
LOWER___HUDSON 24059	18.32 0.49 0.11	16.45 0.47 0.00	18.38 0.54 0.00	18.21 0.49 0.00	16.73 0.49 0.00	15.60 0.48 0.00	21.90 0.79 0.00	21.36 0.82 0.00	17.12 0.15 -15.19	16.46 0.56 -0.07	20.12 0.58 -2.29	19.04 0.56 -0.30	16.86 0.53 1.67	18.70 0.54 0.00	20.79 0.63 -0.34	26.49 0.89 1.06	35.09 1.06 0.00	38.09 1.43 0.00	33.77 1.55 0.00	31.05 1.36 0.00	31.50 1.21 0.00	20.33 0.76 0.00	16.83 0.59 0.00	16.26 0.44 0.00
LOWVILLE_115KV_TB2 356335	18.46 0.52 0.00	16.39 0.41 0.00	18.28 0.45 0.00	18.19 0.48 0.00	16.70 0.47 0.00	15.61 0.49 0.00	21.99 0.87 0.00	21.40 0.87 0.00	1.84 0.06 0.00	16.32 0.49 0.00	17.67 0.44 0.00	18.61 0.43 0.00	18.40 0.40 0.00	18.51 0.35 0.00	20.21 0.38 0.00	27.20 0.54 0.00	34.82 0.80 0.00	37.95 1.29 0.00	33.68 1.46 0.00	31.06 1.38 0.00	31.36 1.06 0.00	20.21 0.65 0.00	16.69 0.46 0.00	16.11 0.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.57 0.72 0.09	16.64 0.66 0.00	18.59 0.75 0.00	18.41 0.70 0.00	16.92 0.68 0.00	15.82 0.70 0.00	22.26 1.15 0.00	21.69 1.16 0.00	16.61 0.18 -14.65	16.70 0.79 -0.07	20.28 0.83 -2.21	19.29 0.83 -0.29	17.50 0.77 1.27	18.94 0.79 0.00	21.08 0.91 -0.34	27.10 1.27 0.83	35.65 1.62 0.00	38.74 2.08 0.00	34.34 2.12 0.00	31.57 1.88 0.00	31.99 1.69 0.00	20.62 1.06 0.00	17.05 0.81 0.00	16.48 0.66 0.00
LUTHERNY_35_KV_BK2 355980	18.57 0.73 0.09	16.64 0.65 0.00	18.60 0.77 0.00	18.41 0.69 0.00	16.91 0.68 0.00	15.81 0.70 0.00	22.28 1.16 0.00	21.71 1.17 0.00	16.61 0.18 -14.65	16.71 0.80 -0.07	20.29 0.84 -2.21	19.30 0.84 -0.29	17.50 0.77 1.27	18.94 0.78 0.00	21.10 0.93 -0.34	27.11 1.29 0.83	35.65 1.63 0.00	38.80 2.14 0.00	34.36 2.14 0.00	31.61 1.92 0.00	31.99 1.69 0.00	20.62 1.06 0.00	17.06 0.82 0.00	16.49 0.67 0.00
LWR___OSWEGATCHIE_HYD 23850	18.25 0.31 0.00	16.22 0.24 0.00	18.09 0.25 0.00	17.99 0.28 0.00	16.48 0.24 0.00	15.38 0.26 0.00	21.60 0.49 0.00	21.06 0.52 0.00	1.82 0.04 0.00	16.09 0.26 0.00	17.43 0.19 0.00	18.37 0.19 0.00	18.16 0.16 0.00	18.29 0.13 0.00	19.94 0.12 0.00	26.84 0.18 0.00	34.30 0.27 0.00	36.95 0.29 0.00	32.70 0.48 0.00	30.20 0.51 0.00	30.68 0.38 0.00	19.88 0.31 0.00	16.48 0.24 0.00	15.90 0.08 0.00
LYONS_FALL_HYD 23570	18.41 0.47 0.00	16.37 0.38 0.00	18.26 0.42 0.00	18.15 0.44 0.00	16.66 0.43 0.00	15.56 0.45 0.00	21.91 0.80 0.00	21.32 0.79 0.00	1.84 0.05 0.00	16.33 0.50 0.00	17.72 0.48 0.00	18.67 0.49 0.00	18.45 0.45 0.00	18.56 0.40 0.00	20.28 0.45 0.00	27.28 0.62 0.00	34.93 0.90 0.00	38.01 1.35 0.00	33.64 1.42 0.00	31.01 1.32 0.00	31.38 1.08 0.00	20.22 0.65 0.00	16.71 0.47 0.00	16.17 0.35 0.00
MADISON___COUNTY_LFGE 323628	18.38 0.44 0.00	16.36 0.38 0.00	18.25 0.42 0.00	18.12 0.40 0.00	16.64 0.41 0.00	15.53 0.42 0.00	21.83 0.72 0.00	21.22 0.69 0.00	1.81 0.03 0.00	16.31 0.47 0.00	17.76 0.52 0.00	18.71 0.53 0.00	18.50 0.50 0.00	18.63 0.48 0.00	20.36 0.54 0.00	27.42 0.75 0.00	35.09 1.07 0.00	38.17 1.51 0.00	33.72 1.49 0.00	31.03 1.34 0.00	31.47 1.18 0.00	20.26 0.69 0.00	16.76 0.52 0.00	16.34 0.52 0.00
MALONE___115KV_TB1 356076	18.31 0.37 0.00	16.27 0.29 0.00	18.13 0.30 0.00	18.02 0.30 0.00	16.50 0.27 0.00	15.38 0.26 0.00	21.61 0.50 0.00	21.13 0.60 0.00	1.84 0.06 0.00	16.24 0.40 0.00	17.57 0.33 0.00	18.47 0.29 0.00	18.27 0.27 0.00	18.44 0.29 0.00	20.15 0.33 0.00	27.15 0.49 0.00	34.75 0.72 0.00	37.14 0.48 0.00	32.69 0.47 0.00	30.12 0.43 0.00	30.52 0.22 0.00	19.58 0.02 0.00	16.22 -0.02 0.00	15.49 -0.33 0.00

MAPLEWOD_115KV_TB3 80458	18.29 0.44 0.09	16.40 0.42 0.00	18.33 0.50 0.00	18.17 0.45 0.00	16.69 0.45 0.00	15.50 0.39 0.00	21.76 0.65 0.00	21.22 0.68 0.00	16.99 0.12 -15.09	16.38 0.47 -0.07	20.02 0.50 -2.28	18.98 0.50 -0.30	17.29 0.49 1.20	18.67 0.51 0.00	20.78 0.59 -0.36	26.67 0.81 0.80	35.01 0.99 0.00	38.00 1.34 0.00	33.63 1.41 0.00	30.91 1.22 0.00	31.37 1.07 0.00	20.24 0.68 0.00	16.76 0.51 0.00	16.22 0.40 0.00
MAPLE_RIDGE_WT_1 323574	17.89 -0.04 0.00	15.98 0.00 0.00	17.85 0.02 0.00	17.72 0.01 0.00	16.26 0.03 0.00	15.15 0.03 0.00	21.18 0.07 0.00	20.60 0.06 0.00	1.79 0.01 0.00	15.88 0.05 0.00	17.29 0.05 0.00	18.23 0.06 0.00	18.05 0.05 0.00	18.21 0.05 0.00	19.89 0.06 0.00	26.74 0.08 0.00	34.13 0.10 0.00	36.88 0.21 0.00	32.45 0.23 0.00	29.86 0.18 0.00	30.28 -0.02 0.00	19.51 -0.05 0.00	16.14 -0.11 0.00	15.58 -0.24 0.00
MAPLE_RIDGE_WT_2 323611	17.89 -0.04 0.00	15.98 0.00 0.00	17.85 0.02 0.00	17.72 0.01 0.00	16.26 0.03 0.00	15.15 0.03 0.00	21.18 0.07 0.00	20.60 0.06 0.00	1.79 0.01 0.00	15.88 0.05 0.00	17.29 0.05 0.00	18.23 0.06 0.00	18.05 0.05 0.00	18.21 0.05 0.00	19.89 0.06 0.00	26.74 0.08 0.00	34.13 0.10 0.00	36.88 0.21 0.00	32.45 0.23 0.00	29.86 0.18 0.00	30.28 -0.02 0.00	19.51 -0.05 0.00	16.14 -0.11 0.00	15.58 -0.24 0.00
MARBLE_RIVER_WT_PWR 323696	18.21 0.27 0.00	16.19 0.21 0.00	18.05 0.21 0.00	17.93 0.22 0.00	16.45 0.21 0.00	15.32 0.20 0.00	21.54 0.43 0.00	21.02 0.49 0.00	1.85 0.06 0.00	16.16 0.32 0.00	17.50 0.27 0.00	18.37 0.19 0.00	18.17 0.18 0.00	18.39 0.24 0.00	20.12 0.29 0.00	27.10 0.44 0.00	34.70 0.68 0.00	37.12 0.46 0.00	32.64 0.42 0.00	30.02 0.33 0.00	30.29 0.00 0.00	19.35 -0.21 0.00	16.01 -0.23 0.00	15.24 -0.58 0.00
MARSHVLE_115KV_TB1 80742	19.40 1.54 0.07	17.32 1.34 0.00	19.28 1.45 0.00	19.18 1.46 0.00	17.59 1.36 0.00	16.46 1.35 0.00	23.21 2.10 0.00	22.49 1.95 0.00	15.98 -0.03 -14.23	17.34 1.44 -0.07	20.88 1.49 -2.15	20.00 1.54 -0.28	18.74 1.65 0.91	19.84 1.69 0.00	21.94 1.77 -0.35	28.29 2.27 0.64	37.06 3.04 0.00	39.84 3.17 0.00	34.96 2.73 0.00	32.14 2.46 0.00	32.59 2.30 0.00	21.06 1.49 0.00	17.42 1.18 0.00	17.04 1.22 0.00
MARSH_HILL_WT_PWR 323713	18.33 0.39 0.00	16.46 0.48 0.00	18.28 0.45 0.00	18.11 0.39 0.00	16.73 0.50 0.00	15.58 0.46 0.00	22.20 1.09 0.00	21.43 0.89 0.00	1.51 -0.27 0.00	16.54 0.70 0.00	18.03 0.79 0.00	19.07 0.89 0.00	18.96 0.96 0.00	19.15 0.99 0.00	20.96 1.14 0.00	28.12 1.46 0.00	36.06 2.04 0.00	39.38 2.72 0.00	34.29 2.07 0.00	31.44 1.75 0.00	31.66 1.36 0.00	20.35 0.78 0.00	16.92 0.68 0.00	16.80 0.98 0.00
MCINTYRE_115KV_TB2 80467	18.23 0.29 0.00	16.23 0.25 0.00	18.08 0.25 0.00	18.00 0.28 0.00	16.43 0.19 0.00	15.32 0.20 0.00	21.45 0.34 0.00	20.96 0.43 0.00	1.82 0.04 0.00	16.04 0.20 0.00	17.36 0.13 0.00	18.29 0.11 0.00	18.08 0.08 0.00	18.20 0.05 0.00	19.83 0.00 0.00	26.69 0.03 0.00	34.09 0.07 0.00	36.35 -0.31 0.00	32.15 -0.08 0.00	29.74 0.06 0.00	30.49 0.20 0.00	19.78 0.22 0.00	16.43 0.19 0.00	15.85 0.03 0.00
MECO____69_KV_BK1 80468	19.73 1.87 0.07	17.62 1.63 0.00	19.62 1.79 0.00	19.48 1.76 0.00	17.91 1.67 0.00	16.80 1.68 0.00	23.85 2.74 0.00	23.20 2.67 0.00	15.91 -0.10 -14.23	17.05 1.15 -0.07	20.00 0.61 -2.15	19.02 0.56 -0.28	17.45 0.36 0.91	18.49 0.33 0.00	20.37 0.20 -0.35	26.44 0.42 0.64	35.42 1.39 0.00	39.62 2.96 0.00	35.37 3.15 0.00	32.45 2.76 0.00	32.75 2.46 0.00	21.08 1.52 0.00	17.43 1.19 0.00	16.95 1.13 0.00
MENANDS_115KV_TB5 355628	18.20 0.35 0.09	16.33 0.34 0.00	18.24 0.41 0.00	18.09 0.37 0.00	16.61 0.37 0.00	15.41 0.30 0.00	21.62 0.51 0.00	21.08 0.55 0.00	16.99 0.10 -15.11	16.28 0.37 -0.07	19.93 0.41 -2.28	18.87 0.40 -0.30	17.21 0.40 1.19	18.57 0.42 0.00	20.67 0.48 -0.36	26.51 0.65 0.80	34.79 0.76 0.00	37.72 1.06 0.00	33.38 1.16 0.00	30.69 1.00 0.00	31.15 0.85 0.00	20.10 0.54 0.00	16.65 0.41 0.00	16.12 0.30 0.00
MG INDUSTRY___DRP 24185	18.33 0.45 0.05	16.41 0.43 0.00	18.36 0.52 0.00	18.21 0.50 0.00	16.72 0.48 0.00	15.52 0.40 0.00	21.74 0.63 0.00	21.17 0.64 0.00	15.86 0.10 -13.98	16.32 0.41 -0.07	19.80 0.45 -2.11	18.88 0.43 -0.28	17.89 0.42 0.53	18.57 0.42 0.00	20.67 0.47 -0.37	26.86 0.64 0.44	34.80 0.77 0.00	37.72 1.06 0.00	33.37 1.15 0.00	30.70 1.01 0.00	31.19 0.89 0.00	20.14 0.57 0.00	16.68 0.44 0.00	16.18 0.36 0.00
MID___OSWEGATCHIE_HYD 23849	18.25 0.31 0.00	16.22 0.24 0.00	18.09 0.25 0.00	17.99 0.28 0.00	16.48 0.24 0.00	15.38 0.26 0.00	21.60 0.49 0.00	21.06 0.52 0.00	1.82 0.04 0.00	16.09 0.26 0.00	17.43 0.19 0.00	18.37 0.19 0.00	18.16 0.16 0.00	18.29 0.13 0.00	19.94 0.12 0.00	26.84 0.18 0.00	34.30 0.27 0.00	36.95 0.29 0.00	32.70 0.48 0.00	30.20 0.51 0.00	30.68 0.38 0.00	19.88 0.31 0.00	16.48 0.24 0.00	15.90 0.08 0.00
MID___RAQUETTE_HYD 23851	18.04 0.11 0.00	16.06 0.08 0.00	17.90 0.06 0.00	17.81 0.09 0.00	16.27 0.03 0.00	15.16 0.04 0.00	21.22 0.10 0.00	20.72 0.18 0.00	1.80 0.02 0.00	15.91 0.08 0.00	17.25 0.01 0.00	18.18 0.00 0.00	17.97 -0.03 0.00	18.09 -0.06 0.00	19.72 -0.11 0.00	26.55 -0.11 0.00	33.85 -0.17 0.00	35.96 -0.70 0.00	31.67 -0.56 0.00	29.26 -0.43 0.00	29.93 -0.37 0.00	19.49 -0.08 0.00	16.22 -0.02 0.00	15.64 -0.18 0.00
MILLIKEN___1 23584	18.35 0.41 0.00	16.37 0.38 0.00	18.21 0.37 0.00	18.06 0.34 0.00	16.63 0.39 0.00	15.48 0.36 0.00	21.74 0.63 0.00	21.12 0.59 0.00	1.75 -0.03 0.00	16.23 0.39 0.00	17.64 0.40 0.00	18.61 0.43 0.00	18.47 0.47 0.00	18.60 0.45 0.00	20.34 0.52 0.00	27.40 0.74 0.00	35.09 1.06 0.00	38.20 1.54 0.00	33.67 1.44 0.00	30.99 1.31 0.00	31.39 1.10 0.00	20.22 0.65 0.00	16.75 0.50 0.00	16.37 0.55 0.00
MILLIKEN___2 23585	18.35 0.41 0.00	16.37 0.38 0.00	18.21 0.37 0.00	18.06 0.34 0.00	16.63 0.39 0.00	15.48 0.36 0.00	21.74 0.63 0.00	21.12 0.59 0.00	1.75 -0.03 0.00	16.23 0.39 0.00	17.64 0.40 0.00	18.61 0.43 0.00	18.47 0.47 0.00	18.60 0.45 0.00	20.34 0.52 0.00	27.40 0.74 0.00	35.09 1.06 0.00	38.20 1.54 0.00	33.67 1.44 0.00	30.99 1.31 0.00	31.39 1.10 0.00	20.22 0.65 0.00	16.75 0.50 0.00	16.37 0.55 0.00
MILLIKEN___DIESEL 23629	18.35 0.41 0.00	16.37 0.38 0.00	18.21 0.37 0.00	18.06 0.34 0.00	16.63 0.39 0.00	15.48 0.36 0.00	21.74 0.63 0.00	21.12 0.59 0.00	1.75 -0.03 0.00	16.23 0.39 0.00	17.64 0.40 0.00	18.61 0.43 0.00	18.47 0.47 0.00	18.60 0.45 0.00	20.34 0.52 0.00	27.40 0.74 0.00	35.09 1.06 0.00	38.20 1.54 0.00	33.67 1.44 0.00	30.99 1.31 0.00	31.39 1.10 0.00	20.22 0.65 0.00	16.75 0.50 0.00	16.37 0.55 0.00

MILLSEAT___LFGE 323607	18.23 0.29 0.00	16.33 0.34 0.00	18.18 0.34 0.00	17.94 0.22 0.00	16.53 0.29 0.00	15.35 0.24 0.00	21.68 0.56 0.00	20.81 0.27 0.00	1.35 -0.43 0.00	16.26 0.42 0.00	17.64 0.41 0.00	18.72 0.54 0.00	18.67 0.67 0.00	18.90 0.75 0.00	20.98 1.16 0.00	27.80 1.14 0.00	35.53 1.50 0.00	39.05 2.39 0.00	33.94 1.72 0.00	31.01 1.32 0.00	31.15 0.85 0.00	20.09 0.52 0.00	16.73 0.49 0.00	16.81 0.99 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.77 0.76 -0.08	16.62 0.63 0.00	18.50 0.67 0.00	18.33 0.62 0.00	16.88 0.64 0.00	15.83 0.71 0.00	22.32 1.21 0.00	21.81 1.27 0.00	43.21 0.28 -41.15	17.07 1.04 -0.19	24.69 1.24 -6.21	20.29 1.30 -0.81	22.28 1.28 -3.01	19.49 1.33 -0.01	22.57 1.48 -1.27	29.78 1.90 -1.22	36.38 2.36 0.00	39.41 2.75 0.00	34.70 2.47 0.00	31.87 2.18 0.00	32.29 2.00 0.00	20.86 1.29 0.00	17.23 0.99 0.00	16.66 0.84 0.00
MILLWOOD_13_KV_LOAD 356217	18.81 0.80 -0.08	16.66 0.68 0.00	18.55 0.72 0.00	18.37 0.66 0.00	16.91 0.68 0.00	15.86 0.75 0.00	22.37 1.26 0.00	21.86 1.33 0.00	43.21 0.28 -41.15	17.12 1.09 -0.19	24.74 1.29 -6.21	20.34 1.35 -0.81	22.33 1.32 -3.01	19.55 1.38 -0.01	22.64 1.54 -1.27	29.88 2.00 -1.22	36.51 2.49 0.00	39.55 2.89 0.00	34.81 2.59 0.00	31.97 2.28 0.00	32.39 2.10 0.00	20.92 1.36 0.00	17.27 1.04 0.00	16.70 0.89 0.00
MODEL_CITY_ENERGY 24167	17.82 -0.12 0.00	15.98 -0.01 0.00	17.79 -0.04 0.00	17.55 -0.17 0.00	16.17 -0.06 0.00	14.98 -0.13 0.00	21.13 0.01 0.00	20.18 -0.35 0.00	1.24 -0.54 0.00	15.83 0.00 0.00	17.22 -0.02 0.00	18.30 0.12 0.00	18.25 0.25 0.00	18.43 0.27 0.00	20.32 0.49 0.00	27.05 0.39 0.00	34.55 0.53 0.00	37.89 1.23 0.00	32.78 0.56 0.00	29.90 0.21 0.00	30.01 -0.28 0.00	19.43 -0.14 0.00	16.23 -0.01 0.00	16.41 0.60 0.00
MODERN_LFGE___ 323580	17.82 -0.12 0.00	15.98 -0.01 0.00	17.79 -0.04 0.00	17.55 -0.17 0.00	16.17 -0.06 0.00	14.98 -0.13 0.00	21.13 0.01 0.00	20.18 -0.35 0.00	1.24 -0.54 0.00	15.83 0.00 0.00	17.22 -0.02 0.00	18.30 0.12 0.00	18.25 0.25 0.00	18.43 0.27 0.00	20.32 0.49 0.00	27.05 0.39 0.00	34.55 0.53 0.00	37.89 1.23 0.00	32.78 0.56 0.00	29.90 0.21 0.00	30.01 -0.28 0.00	19.43 -0.14 0.00	16.23 -0.01 0.00	16.41 0.60 0.00
MOHAWK_PAPER___DRP 24187	18.29 0.44 0.09	16.40 0.42 0.00	18.33 0.50 0.00	18.17 0.45 0.00	16.69 0.45 0.00	15.50 0.39 0.00	21.76 0.65 0.00	21.22 0.68 0.00	16.99 0.12 -15.09	16.38 0.47 -0.07	20.02 0.50 -2.28	18.98 0.50 -0.30	17.29 0.49 1.20	18.67 0.51 0.00	20.78 0.59 -0.36	26.67 0.81 0.80	35.01 0.99 0.00	38.00 1.34 0.00	33.63 1.41 0.00	30.91 1.22 0.00	31.37 1.07 0.00	20.24 0.68 0.00	16.76 0.51 0.00	16.22 0.40 0.00
MOHICAN___35_KV_115KV_LD 80490	18.48 0.64 0.09	16.60 0.62 0.00	18.52 0.69 0.00	18.33 0.62 0.00	16.85 0.62 0.00	15.82 0.70 0.00	22.34 1.23 0.00	21.79 1.25 0.00	16.61 0.20 -14.62	16.70 0.79 -0.07	20.24 0.80 -2.21	19.20 0.74 -0.29	17.38 0.63 1.24	18.82 0.66 0.00	20.97 0.80 -0.34	27.01 1.17 0.82	35.56 1.53 0.00	38.71 2.05 0.00	34.48 2.26 0.00	31.65 1.96 0.00	31.98 1.68 0.00	20.61 1.05 0.00	17.05 0.81 0.00	16.42 0.60 0.00
MONGAUP___HYD 23641	18.74 0.75 -0.05	16.61 0.62 0.00	18.51 0.68 0.00	18.34 0.62 0.00	16.87 0.63 0.00	15.77 0.66 0.00	22.15 1.04 0.00	21.56 1.02 0.00	-37.96 0.22 39.96	16.37 0.72 0.19	11.97 0.77 6.03	18.14 0.75 0.79	17.77 0.73 0.95	18.95 0.80 0.01	19.33 0.93 1.43	28.18 1.27 -0.24	35.67 1.64 0.00	38.77 2.11 0.00	34.26 2.04 0.00	31.53 1.85 0.00	32.01 1.72 0.00	20.64 1.08 0.00	17.13 0.89 0.00	16.66 0.84 0.00
MONTAUK___DIESEL 23721	30.28 2.09 -10.25	17.79 1.81 0.00	19.73 1.89 0.00	19.58 1.86 0.00	18.31 1.90 -0.16	17.10 1.88 -0.10	96.11 2.97 -72.03	75.64 2.92 -52.18	87.02 0.57 -84.68	25.33 2.24 -7.25	25.63 2.46 -5.93	169.97 2.52 -149.28	29.72 2.48 -9.25	35.30 2.56 -14.58	32.24 2.92 -9.50	35.66 3.95 -5.04	41.09 4.91 -2.16	64.40 5.65 -22.10	45.88 5.10 -8.56	36.98 4.71 -2.58	64.96 4.48 -30.19	25.32 2.73 -3.03	19.09 2.17 -0.68	17.78 1.96 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.71 0.77 0.00	16.71 0.73 0.00	18.57 0.74 0.00	18.35 0.63 0.00	16.94 0.70 0.00	15.75 0.63 0.00	22.44 1.33 0.00	21.60 1.07 0.00	1.39 -0.39 0.00	16.86 1.02 0.00	18.48 1.25 0.00	19.60 1.43 0.00	19.55 1.55 0.00	19.72 1.57 0.00	21.65 1.83 0.00	29.02 2.36 0.00	37.17 3.15 0.00	40.62 3.96 0.00	35.07 2.84 0.00	31.98 2.29 0.00	32.10 1.81 0.00	20.64 1.07 0.00	17.15 0.91 0.00	17.16 1.34 0.00
MORTIMER_115KV_TB3 55949	18.02 0.08 0.00	16.11 0.12 0.00	17.94 0.11 0.00	17.74 0.02 0.00	16.31 0.08 0.00	15.18 0.07 0.00	21.35 0.24 0.00	20.60 0.06 0.00	1.56 -0.23 0.00	15.98 0.14 0.00	17.40 0.17 0.00	18.43 0.26 0.00	18.36 0.35 0.00	18.54 0.38 0.00	20.25 0.42 0.00	27.28 0.62 0.00	34.89 0.87 0.00	38.07 1.41 0.00	33.27 1.04 0.00	30.45 0.76 0.00	30.74 0.45 0.00	19.78 0.21 0.00	16.44 0.20 0.00	16.30 0.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.91 0.89 -0.08	16.74 0.76 0.00	18.64 0.80 0.00	18.45 0.74 0.00	16.99 0.76 0.00	15.94 0.83 0.00	22.51 1.39 0.00	21.99 1.46 0.00	41.46 0.32 -39.35	17.24 1.21 -0.19	24.63 1.45 -5.94	20.49 1.53 -0.77	22.90 1.52 -3.38	22.10 1.58 -2.36	22.80 1.75 -1.23	30.13 2.24 -1.23	36.79 2.76 0.00	39.82 3.16 0.00	35.02 2.79 0.00	32.16 2.47 0.00	32.58 2.28 0.00	21.07 1.51 0.00	17.40 1.17 0.00	16.81 0.99 0.00
MUNSVILLE_WIND_PWR 323609	19.04 1.10 0.00	16.98 0.99 0.00	18.92 1.09 0.00	18.80 1.08 0.00	17.32 1.08 0.00	16.22 1.10 0.00	23.05 1.94 0.00	22.43 1.90 0.00	1.85 0.07 0.00	17.22 1.38 0.00	18.64 1.41 0.00	19.73 1.55 0.00	19.52 1.52 0.00	19.54 1.38 0.00	21.34 1.51 0.00	28.93 2.27 0.00	37.09 3.07 0.00	40.69 4.03 0.00	35.96 3.74 0.00	33.11 3.42 0.00	33.46 3.17 0.00	21.42 1.85 0.00	17.65 1.41 0.00	17.21 1.39 0.00
N SALMON___HYD 24042	18.31 0.37 0.00	16.27 0.29 0.00	18.13 0.30 0.00	18.02 0.30 0.00	16.50 0.27 0.00	15.38 0.26 0.00	21.61 0.50 0.00	21.13 0.60 0.00	1.84 0.06 0.00	16.24 0.40 0.00	17.57 0.33 0.00	18.47 0.29 0.00	18.27 0.27 0.00	18.44 0.29 0.00	20.15 0.33 0.00	27.15 0.49 0.00	34.74 0.72 0.00	37.14 0.48 0.00	32.69 0.47 0.00	30.12 0.43 0.00	30.52 0.22 0.00	19.58 0.02 0.00	16.22 -0.02 0.00	15.49 -0.33 0.00
N.AKRON___115KV_KNAPP 355671	18.19 0.26 0.00	16.30 0.31 0.00	18.15 0.32 0.00	17.90 0.18 0.00	16.50 0.26 0.00	15.31 0.19 0.00	21.61 0.50 0.00	20.74 0.20 0.00	1.33 -0.45 0.00	16.20 0.37 0.00	17.62 0.38 0.00	18.71 0.53 0.00	18.67 0.67 0.00	18.89 0.74 0.00	21.24 1.42 0.00	27.83 1.17 0.00	35.47 1.45 0.00	38.98 2.31 0.00	33.80 1.57 0.00	30.84 1.16 0.00	30.97 0.67 0.00	19.99 0.42 0.00	16.66 0.42 0.00	16.77 0.95 0.00

N.BELMOR_69_KV_BK1 55787	29.47 1.28 -10.25	17.05 1.07 0.00	18.94 1.10 0.00	18.78 1.06 0.00	17.50 1.11 -0.16	16.36 1.14 -0.10	70.37 1.77 -47.48	48.30 1.80 -25.96	65.32 0.47 -63.07	24.55 1.46 -7.25	24.88 1.71 -5.93	169.53 1.75 -149.60	30.45 1.70 -10.75	34.57 1.83 -14.58	31.35 2.02 -9.50	34.30 2.60 -5.04	39.35 3.18 -2.16	62.49 3.74 -22.10	44.10 3.32 -8.56	35.23 2.97 -2.58	63.27 2.78 -30.19	36.54 1.81 -15.16	21.07 1.41 -3.42	17.05 1.23 0.00
N.E_GEN_SANDY PD 24062	17.76 0.44 0.61	16.41 0.42 0.00	18.31 0.48 0.00	18.13 0.42 0.00	16.67 0.43 0.00	15.58 0.47 0.00	21.87 0.76 0.00	21.36 0.83 0.00	26.88 0.21 -24.90	16.55 0.61 -0.10	21.24 0.70 -3.31	19.29 0.68 -0.43	7.63 0.66 11.03	18.83 0.68 0.00	20.56 0.75 0.02	21.41 1.02 6.27	35.39 1.21 -0.16	37.82 1.54 0.38	34.39 1.62 -0.54	28.42 1.43 2.69	31.52 1.23 0.00	20.37 0.80 0.00	17.20 0.62 -0.34	16.29 0.47 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.74 0.73 -0.07	16.59 0.60 0.00	18.46 0.63 0.00	18.29 0.57 0.00	16.85 0.61 0.00	15.79 0.68 0.00	22.30 1.18 0.00	21.77 1.24 0.00	-50.51 0.27 52.56	16.59 1.00 0.25	10.49 1.19 7.94	18.39 1.25 1.04	20.13 1.23 -0.90	19.43 1.28 0.00	20.45 1.41 0.78	28.75 1.84 -0.26	36.32 2.30 0.00	39.35 2.69 0.00	34.63 2.41 0.00	31.78 2.10 0.00	32.24 1.94 0.00	20.80 1.24 0.00	17.18 0.94 0.00	16.64 0.82 0.00
N.QUEENS_27_KV_LOAD 356247	18.86 0.84 -0.08	16.71 0.72 0.00	18.62 0.78 0.00	18.42 0.70 0.00	16.98 0.74 0.00	15.94 0.82 0.00	22.52 1.41 0.00	22.01 1.48 0.00	41.50 0.36 -39.35	17.25 1.23 -0.17	24.63 1.45 -5.94	20.49 1.53 -0.78	22.89 1.51 -3.37	22.09 1.62 -2.32	22.82 1.77 -1.22	30.11 2.22 -1.22	36.77 2.75 0.00	39.81 3.14 0.00	35.06 2.84 0.01	32.24 2.56 0.01	32.65 2.36 0.01	21.04 1.47 0.00	17.36 1.12 0.00	16.77 0.94 0.00
N.TROY___115KV_TB1 355778	18.32 0.49 0.11	16.45 0.47 0.00	18.38 0.54 0.00	18.21 0.49 0.00	16.73 0.49 0.00	15.60 0.48 0.00	21.90 0.79 0.00	21.36 0.83 0.00	17.12 0.15 -15.19	16.46 0.56 -0.07	20.12 0.58 -2.29	19.04 0.56 -0.30	16.86 0.53 1.67	18.70 0.55 0.00	20.80 0.63 -0.34	26.50 0.89 1.06	35.09 1.07 0.00	38.09 1.43 0.00	33.77 1.55 0.00	31.05 1.36 0.00	31.50 1.20 0.00	20.33 0.76 0.00	16.83 0.59 0.00	16.26 0.44 0.00
NARROWS_GT1_1 24228	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT1_2 24229	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT1_3 24230	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT1_4 24231	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT1_5 24232	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT1_6 24233	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT1_7 24234	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT1_8 24235	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT2_1 24236	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT2_2 24237	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00

NARROWS_GT2_3 24238	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT2_4 24239	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT2_5 24240	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT2_6 24241	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT2_7 24242	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NARROWS_GT2_8 24243	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.05 0.00	40.07 3.40 0.00	35.26 3.04 0.00	32.39 2.70 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.56 0.66 0.04	16.59 0.60 0.00	18.55 0.72 0.00	18.40 0.68 0.00	16.89 0.66 0.00	15.66 0.54 0.00	22.02 0.91 0.00	21.48 0.94 0.00	13.88 0.10 -12.00	16.41 0.52 -0.06	19.54 0.49 -1.81	18.86 0.45 -0.24	18.13 0.40 0.27	18.53 0.37 0.00	20.63 0.45 -0.35	27.05 0.70 0.31	34.95 0.92 0.00	38.14 1.48 0.00	33.99 1.76 0.00	31.32 1.63 0.00	31.76 1.46 0.00	20.44 0.87 0.00	16.88 0.64 0.00	16.33 0.51 0.00
NCHELSEA_115KV_TR2 355582	18.84 0.84 -0.06	16.70 0.71 0.00	18.60 0.77 0.00	18.43 0.72 0.00	16.97 0.73 0.00	15.90 0.78 0.00	22.41 1.29 0.00	21.89 1.36 0.00	8.09 0.29 -6.02	16.97 1.10 -0.03	19.44 1.29 -0.91	19.64 1.34 -0.13	21.14 1.29 -1.85	19.50 1.34 0.00	21.81 1.50 -0.48	29.34 1.97 -0.70	36.58 2.56 0.00	39.62 2.96 0.00	34.91 2.69 0.00	32.07 2.38 0.00	32.49 2.19 0.00	20.96 1.39 0.00	17.31 1.07 0.00	16.74 0.92 0.00
NEG CAPITAL___MECHNVIL 23645	18.57 0.73 0.10	16.65 0.67 0.00	18.59 0.76 0.00	18.42 0.70 0.00	16.93 0.69 0.00	15.82 0.70 0.00	22.26 1.14 0.00	21.70 1.16 0.00	16.78 0.17 -14.82	16.71 0.81 -0.07	20.32 0.85 -2.24	19.31 0.84 -0.29	17.38 0.79 1.42	18.97 0.81 0.00	21.09 0.93 -0.34	27.06 1.31 0.92	35.70 1.68 0.00	38.82 2.15 0.00	34.41 2.19 0.00	31.62 1.93 0.00	32.03 1.74 0.00	20.65 1.08 0.00	17.07 0.83 0.00	16.49 0.67 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.67 -0.27 0.00	15.79 -0.20 0.00	17.59 -0.25 0.00	17.40 -0.32 0.00	16.01 -0.23 0.00	14.91 -0.21 0.00	20.94 -0.17 0.00	20.23 -0.31 0.00	1.57 -0.21 0.00	15.66 -0.18 0.00	17.05 -0.19 0.00	18.04 -0.14 0.00	17.94 -0.06 0.00	18.14 -0.02 0.00	19.83 0.00 0.00	26.70 0.04 0.00	34.14 0.12 0.00	37.23 0.56 0.00	32.61 0.38 0.00	29.87 0.18 0.00	30.17 -0.13 0.00	19.42 -0.15 0.00	16.11 -0.13 0.00	15.92 0.10 0.00
NEG CENTRAL___DRP 24199	18.12 0.18 0.00	16.17 0.19 0.00	17.99 0.16 0.00	17.83 0.12 0.00	16.42 0.18 0.00	15.30 0.18 0.00	21.51 0.39 0.00	20.86 0.32 0.00	1.68 -0.10 0.00	16.05 0.21 0.00	17.47 0.23 0.00	18.46 0.28 0.00	18.33 0.33 0.00	18.51 0.35 0.00	20.25 0.42 0.00	27.21 0.55 0.00	34.78 0.75 0.00	37.88 1.21 0.00	33.26 1.04 0.00	30.55 0.86 0.00	30.90 0.61 0.00	19.92 0.35 0.00	16.51 0.27 0.00	16.21 0.40 0.00
NEG CENTRAL___INDECK 23768	18.61 0.68 0.00	16.63 0.64 0.00	18.50 0.67 0.00	18.28 0.57 0.00	16.84 0.60 0.00	15.70 0.59 0.00	22.27 1.15 0.00	21.56 1.03 0.00	1.56 -0.22 0.00	16.51 0.68 0.00	17.88 0.64 0.00	18.90 0.72 0.00	18.69 0.69 0.00	18.64 0.48 0.00	20.16 0.33 0.00	27.12 0.46 0.00	34.80 0.78 0.00	38.04 1.38 0.00	33.62 1.40 0.00	31.00 1.31 0.00	31.25 0.95 0.00	20.03 0.47 0.00	16.94 0.71 0.00	16.98 1.16 0.00
NEG CENTRAL___SENECA 23627	18.21 0.27 0.00	16.25 0.26 0.00	18.07 0.24 0.00	17.91 0.19 0.00	16.50 0.26 0.00	15.38 0.27 0.00	21.71 0.59 0.00	21.05 0.52 0.00	1.65 -0.13 0.00	16.20 0.36 0.00	17.64 0.40 0.00	18.64 0.46 0.00	18.52 0.52 0.00	18.70 0.55 0.00	20.46 0.63 0.00	27.46 0.80 0.00	35.12 1.10 0.00	38.34 1.68 0.00	33.60 1.38 0.00	30.84 1.15 0.00	31.17 0.88 0.00	20.08 0.52 0.00	16.63 0.39 0.00	16.35 0.53 0.00
NEG CENTRAL___STATE_STREET 24147	18.18 0.24 0.00	16.28 0.29 0.00	18.07 0.23 0.00	17.91 0.20 0.00	16.54 0.30 0.00	15.34 0.22 0.00	21.48 0.37 0.00	20.82 0.28 0.00	1.71 -0.07 0.00	16.02 0.18 0.00	17.43 0.19 0.00	18.40 0.22 0.00	18.26 0.27 0.00	18.43 0.28 0.00	20.15 0.32 0.00	27.11 0.45 0.00	34.65 0.62 0.00	37.65 0.99 0.00	33.12 0.89 0.00	30.54 0.86 0.00	30.89 0.59 0.00	19.96 0.40 0.00	16.57 0.33 0.00	16.19 0.37 0.00
NEG MILLWOOD___DRP 24198	18.90 0.89 -0.07	16.74 0.76 0.00	18.65 0.81 0.00	18.47 0.75 0.00	17.00 0.76 0.00	15.94 0.82 0.00	22.49 1.37 0.00	21.98 1.44 0.00	22.71 0.29 -20.64	17.10 1.16 -0.10	21.71 1.36 -3.12	19.99 1.41 -0.41	21.72 1.39 -2.34	19.60 1.44 0.00	22.22 1.62 -0.78	29.73 2.13 -0.94	36.71 2.69 0.00	39.79 3.13 0.00	35.05 2.83 0.00	32.20 2.51 0.00	32.61 2.32 0.00	21.04 1.47 0.00	17.37 1.12 0.00	16.79 0.97 0.00



NEG NORTH_FLCN_SEA 23793	18.38 0.44 0.00	16.35 0.37 0.00	18.23 0.40 0.00	18.10 0.38 0.00	16.61 0.37 0.00	15.46 0.35 0.00	21.81 0.69 0.00	21.26 0.73 0.00	1.88 0.10 0.00	16.33 0.50 0.00	17.67 0.44 0.00	18.53 0.35 0.00	18.33 0.33 0.00	18.58 0.43 0.00	20.35 0.52 0.00	27.42 0.76 0.00	35.12 1.10 0.00	37.61 0.94 0.00	33.08 0.86 0.00	30.38 0.70 0.00	30.59 0.29 0.00	19.56 0.00 0.00	16.21 -0.03 0.00	15.37 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	18.24 0.30 0.00	16.21 0.23 0.00	18.06 0.23 0.00	17.95 0.24 0.00	16.45 0.22 0.00	15.33 0.21 0.00	21.53 0.42 0.00	21.03 0.50 0.00	1.83 0.05 0.00	16.16 0.32 0.00	17.49 0.26 0.00	18.37 0.19 0.00	18.18 0.18 0.00	18.37 0.22 0.00	20.09 0.26 0.00	27.07 0.41 0.00	34.67 0.64 0.00	37.09 0.43 0.00	32.63 0.40 0.00	30.03 0.34 0.00	30.35 0.05 0.00	19.40 -0.17 0.00	16.05 -0.19 0.00	15.29 -0.53 0.00
NEG NORTH___ALICE_FALLS 23915	18.43 0.49 0.00	16.39 0.40 0.00	18.26 0.43 0.00	18.13 0.42 0.00	16.63 0.39 0.00	15.49 0.37 0.00	21.85 0.74 0.00	21.33 0.80 0.00	1.88 0.09 0.00	16.38 0.54 0.00	17.72 0.48 0.00	18.58 0.40 0.00	18.38 0.38 0.00	18.61 0.45 0.00	20.38 0.55 0.00	27.47 0.81 0.00	35.22 1.20 0.00	37.75 1.09 0.00	33.23 1.00 0.00	30.53 0.85 0.00	30.76 0.46 0.00	19.65 0.08 0.00	16.26 0.02 0.00	15.44 -0.38 0.00
NEG NORTH___LWR_SARANAC 23913	18.43 0.49 0.00	16.39 0.40 0.00	18.26 0.43 0.00	18.13 0.42 0.00	16.63 0.39 0.00	15.49 0.37 0.00	21.85 0.74 0.00	21.33 0.80 0.00	1.88 0.09 0.00	16.38 0.54 0.00	17.72 0.48 0.00	18.58 0.40 0.00	18.38 0.38 0.00	18.61 0.45 0.00	20.38 0.55 0.00	27.47 0.81 0.00	35.22 1.20 0.00	37.75 1.09 0.00	33.23 1.00 0.00	30.53 0.85 0.00	30.76 0.46 0.00	19.65 0.08 0.00	16.26 0.02 0.00	15.44 -0.38 0.00
NEG NORTH___PLATTSBURG 23628	18.43 0.49 0.00	16.39 0.40 0.00	18.26 0.43 0.00	18.13 0.41 0.00	16.63 0.39 0.00	15.49 0.37 0.00	21.85 0.74 0.00	21.33 0.80 0.00	1.88 0.10 0.00	16.38 0.55 0.00	17.72 0.48 0.00	18.58 0.40 0.00	18.38 0.38 0.00	18.61 0.45 0.00	20.38 0.55 0.00	27.47 0.81 0.00	35.22 1.20 0.00	37.75 1.09 0.00	33.23 1.00 0.00	30.53 0.84 0.00	30.76 0.46 0.00	19.65 0.08 0.00	16.27 0.02 0.00	15.44 -0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	18.01 0.07 0.00	16.15 0.16 0.00	17.97 0.14 0.00	17.73 0.02 0.00	16.34 0.11 0.00	15.15 0.03 0.00	21.37 0.26 0.00	20.43 -0.10 0.00	1.27 -0.51 0.00	16.00 0.17 0.00	17.43 0.19 0.00	18.51 0.34 0.00	18.49 0.48 0.00	18.64 0.48 0.00	20.54 0.72 0.00	27.40 0.74 0.00	35.01 0.98 0.00	38.40 1.74 0.00	33.22 1.00 0.00	30.31 0.61 0.00	30.41 0.11 0.00	19.66 0.09 0.00	16.41 0.17 0.00	16.58 0.76 0.00
NEG WEST___LANCASTR 23811	18.65 0.71 0.00	16.69 0.71 0.00	18.57 0.74 0.00	18.34 0.63 0.00	16.91 0.67 0.00	15.68 0.57 0.00	22.22 1.11 0.00	21.33 0.80 0.00	1.38 -0.40 0.00	16.67 0.83 0.00	18.21 0.98 0.00	19.33 1.15 0.00	19.27 1.27 0.00	19.43 1.27 0.00	21.33 1.51 0.00	28.60 1.94 0.00	36.60 2.57 0.00	40.04 3.38 0.00	34.62 2.39 0.00	31.59 1.90 0.00	31.74 1.45 0.00	20.44 0.88 0.00	17.03 0.79 0.00	17.07 1.25 0.00
NEG_PENN_ALLEGHNY 23528	18.22 0.28 0.00	16.23 0.25 0.00	18.08 0.24 0.00	17.94 0.22 0.00	16.49 0.26 0.00	15.37 0.25 0.00	21.64 0.52 0.00	21.02 0.49 0.00	1.75 -0.03 0.00	16.22 0.38 0.00	17.67 0.44 0.00	18.64 0.47 0.00	18.47 0.46 0.00	18.64 0.48 0.00	20.43 0.60 0.00	27.44 0.77 0.00	35.10 1.07 0.00	38.05 1.39 0.00	33.40 1.17 0.00	30.67 0.98 0.00	31.10 0.80 0.00	20.02 0.45 0.00	16.60 0.36 0.00	16.25 0.43 0.00
NEG___GEN_MONROE 24207	18.20 0.27 0.00	16.29 0.30 0.00	18.13 0.30 0.00	17.94 0.22 0.00	16.48 0.24 0.00	15.35 0.23 0.00	21.63 0.52 0.00	20.78 0.24 0.00	1.53 -0.26 0.00	16.10 0.26 0.00	17.52 0.28 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.75 0.59 0.00	20.57 0.74 0.00	27.63 0.97 0.00	35.34 1.31 0.00	38.62 1.96 0.00	33.80 1.58 0.00	30.87 1.18 0.00	31.23 0.93 0.00	20.05 0.48 0.00	16.65 0.41 0.00	16.56 0.74 0.00
NEPA___ENERGY 23901	18.19 0.25 0.00	16.23 0.24 0.00	17.99 0.15 0.00	17.79 0.07 0.00	16.44 0.20 0.00	15.26 0.14 0.00	21.75 0.64 0.00	20.99 0.45 0.00	1.40 -0.38 0.00	16.27 0.43 0.00	17.87 0.63 0.00	18.92 0.74 0.00	18.85 0.85 0.00	19.01 0.86 0.00	20.87 1.05 0.00	27.96 1.30 0.00	35.92 1.90 0.00	39.17 2.51 0.00	33.78 1.55 0.00	30.81 1.12 0.00	30.98 0.69 0.00	19.92 0.35 0.00	16.56 0.32 0.00	16.53 0.71 0.00
NEVERSINK___HYD 23608	18.67 0.70 -0.03	16.56 0.57 0.00	18.45 0.61 0.00	18.28 0.56 0.00	16.81 0.58 0.00	15.76 0.64 0.00	22.24 1.12 0.00	21.74 1.20 0.00	-6.23 0.25 8.26	16.69 0.89 0.04	17.08 1.09 1.25	19.18 1.17 0.16	19.67 1.11 -0.56	19.29 1.14 0.00	21.00 1.28 0.11	28.62 1.68 -0.28	36.44 2.42 0.00	39.47 2.80 0.00	34.78 2.56 0.00	31.97 2.28 0.00	32.41 2.11 0.00	20.89 1.32 0.00	17.25 1.00 0.00	16.69 0.87 0.00
NEWKRMKL_115KV_TB1 55635	18.19 0.33 0.08	16.29 0.31 0.00	18.21 0.37 0.00	18.06 0.34 0.00	16.57 0.34 0.00	15.35 0.24 0.00	21.55 0.43 0.00	21.00 0.47 0.00	16.79 0.08 -14.94	16.22 0.31 -0.07	19.84 0.35 -2.25	18.81 0.34 -0.29	17.30 0.34 1.04	18.52 0.36 0.00	20.60 0.41 -0.36	26.52 0.57 0.71	34.70 0.68 0.00	37.63 0.97 0.00	33.27 1.05 0.00	30.58 0.90 0.00	31.04 0.74 0.00	20.03 0.47 0.00	16.58 0.34 0.00	16.06 0.24 0.00
NEWTON___FALLS_HYD 23847	18.25 0.31 0.00	16.22 0.24 0.00	18.09 0.25 0.00	17.99 0.28 0.00	16.48 0.24 0.00	15.38 0.26 0.00	21.60 0.49 0.00	21.06 0.52 0.00	1.82 0.04 0.00	16.09 0.26 0.00	17.43 0.19 0.00	18.37 0.19 0.00	18.16 0.16 0.00	18.29 0.13 0.00	19.94 0.12 0.00	26.84 0.18 0.00	34.30 0.27 0.00	36.95 0.29 0.00	32.70 0.48 0.00	30.20 0.51 0.00	30.68 0.38 0.00	19.88 0.31 0.00	16.48 0.24 0.00	15.90 0.08 0.00
NGRID_A1_DSASP 323792	17.84 -0.09 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.00 -0.11 0.00	21.11 0.00 0.00	20.06 -0.48 0.00	1.22 -0.56 0.00	15.73 -0.10 0.00	17.13 -0.11 0.00	18.21 0.04 0.00	18.16 0.16 0.00	18.33 0.17 0.00	20.15 0.32 0.00	26.89 0.23 0.00	34.20 0.17 0.00	37.42 0.75 0.00	32.36 0.13 0.00	29.50 -0.19 0.00	29.62 -0.68 0.00	19.19 -0.38 0.00	16.11 -0.13 0.00	16.34 0.52 0.00
NGRID_A2_DSASP 323793	17.84 -0.09 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.00 -0.11 0.00	21.11 0.00 0.00	20.06 -0.48 0.00	1.22 -0.56 0.00	15.73 -0.10 0.00	17.13 -0.11 0.00	18.21 0.04 0.00	18.16 0.16 0.00	18.33 0.17 0.00	20.15 0.32 0.00	26.89 0.23 0.00	34.20 0.17 0.00	37.42 0.75 0.00	32.36 0.13 0.00	29.50 -0.19 0.00	29.62 -0.68 0.00	19.19 -0.38 0.00	16.11 -0.13 0.00	16.34 0.52 0.00

NGRID_A4_DSASP 323807	17.84 -0.09 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.00 -0.11 0.00	21.10 -0.01 0.00	20.06 -0.48 0.00	1.23 -0.55 0.00	15.72 -0.12 0.00	17.13 -0.11 0.00	18.21 0.03 0.00	18.17 0.17 0.00	18.30 0.15 0.00	20.09 0.26 0.00	26.89 0.23 0.00	34.19 0.16 0.00	37.42 0.75 0.00	32.35 0.13 0.00	29.50 -0.19 0.00	29.62 -0.68 0.00	19.19 -0.38 0.00	16.12 -0.13 0.00	16.34 0.52 0.00
NIAGARA_115E_LBMP 323715	17.72 -0.22 0.00	15.90 -0.09 0.00	17.70 -0.13 0.00	17.46 -0.26 0.00	16.09 -0.15 0.00	14.90 -0.21 0.00	21.00 -0.11 0.00	20.05 -0.49 0.00	1.22 -0.56 0.00	15.74 -0.10 0.00	17.11 -0.13 0.00	18.19 0.01 0.00	18.14 0.14 0.00	18.31 0.15 0.00	20.16 0.34 0.00	26.86 0.20 0.00	34.32 0.29 0.00	37.61 0.95 0.00	32.55 0.32 0.00	29.67 -0.01 0.00	29.79 -0.51 0.00	19.29 -0.28 0.00	16.12 -0.12 0.00	16.33 0.51 0.00
NIAGARA_115W_LBMP 323714	17.81 -0.12 0.00	15.98 0.00 0.00	17.80 -0.03 0.00	17.55 -0.16 0.00	16.17 -0.07 0.00	14.98 -0.14 0.00	21.08 -0.04 0.00	20.02 -0.52 0.00	1.21 -0.57 0.00	15.70 -0.14 0.00	17.09 -0.15 0.00	18.17 0.00 0.00	18.12 0.12 0.00	18.28 0.13 0.00	20.10 0.28 0.00	26.83 0.16 0.00	34.10 0.07 0.00	37.30 0.64 0.00	32.26 0.03 0.00	29.41 -0.28 0.00	29.54 -0.76 0.00	19.13 -0.44 0.00	16.08 -0.16 0.00	16.30 0.49 0.00
NIAGARA_230_LBMP 323716	17.84 -0.09 0.00	16.00 0.02 0.00	17.83 -0.01 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.01 -0.11 0.00	21.16 0.04 0.00	20.19 -0.35 0.00	1.24 -0.54 0.00	15.82 -0.02 0.00	17.22 -0.01 0.00	18.31 0.13 0.00	18.25 0.25 0.00	18.42 0.26 0.00	20.24 0.41 0.00	27.03 0.38 0.00	34.51 0.49 0.00	37.82 1.16 0.00	32.71 0.49 0.00	29.84 0.16 0.00	29.97 -0.33 0.00	19.37 -0.20 0.00	16.20 -0.04 0.00	16.39 0.57 0.00
NIAGARA__115KV_198_GIBSON 55903	17.81 -0.12 0.00	15.98 0.00 0.00	17.80 -0.03 0.00	17.55 -0.16 0.00	16.17 -0.07 0.00	14.98 -0.14 0.00	21.07 -0.05 0.00	20.02 -0.52 0.00	1.22 -0.56 0.00	15.69 -0.15 0.00	17.09 -0.15 0.00	18.17 -0.01 0.00	18.13 0.13 0.00	18.26 0.11 0.00	20.04 0.22 0.00	26.83 0.17 0.00	34.10 0.07 0.00	37.30 0.64 0.00	32.26 0.03 0.00	29.41 -0.28 0.00	29.53 -0.76 0.00	19.13 -0.44 0.00	16.08 -0.16 0.00	16.30 0.49 0.00
NIAGARA____ 23760	17.84 -0.09 0.00	16.00 0.02 0.00	17.83 -0.01 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.01 -0.11 0.00	21.16 0.04 0.00	20.19 -0.35 0.00	1.24 -0.54 0.00	15.82 -0.02 0.00	17.22 -0.01 0.00	18.31 0.13 0.00	18.25 0.25 0.00	18.42 0.26 0.00	20.24 0.41 0.00	27.03 0.38 0.00	34.51 0.49 0.00	37.82 1.16 0.00	32.71 0.49 0.00	29.84 0.16 0.00	29.97 -0.33 0.00	19.37 -0.20 0.00	16.20 -0.04 0.00	16.39 0.57 0.00
NINE_MILE_1 23575	17.57 -0.37 0.00	15.67 -0.32 0.00	17.47 -0.37 0.00	17.33 -0.38 0.00	15.91 -0.33 0.00	14.79 -0.32 0.00	20.60 -0.51 0.00	19.96 -0.58 0.00	1.67 -0.11 0.00	15.40 -0.44 0.00	16.75 -0.49 0.00	17.69 -0.49 0.00	17.53 -0.47 0.00	17.69 -0.47 0.00	19.33 -0.49 0.00	25.99 -0.67 0.00	33.16 -0.87 0.00	35.86 -0.80 0.00	31.53 -0.70 0.00	29.00 -0.69 0.00	29.51 -0.79 0.00	19.04 -0.53 0.00	15.84 -0.41 0.00	15.56 -0.26 0.00
NINE_MILE_2 23744	17.57 -0.37 0.00	15.67 -0.32 0.00	17.47 -0.36 0.00	17.34 -0.38 0.00	15.91 -0.33 0.00	14.79 -0.32 0.00	20.60 -0.51 0.00	19.96 -0.58 0.00	1.67 -0.11 0.00	15.40 -0.44 0.00	16.75 -0.49 0.00	17.69 -0.49 0.00	17.53 -0.47 0.00	17.69 -0.47 0.00	19.33 -0.49 0.00	25.99 -0.67 0.00	33.15 -0.87 0.00	35.86 -0.80 0.00	31.53 -0.70 0.00	29.00 -0.69 0.00	29.51 -0.79 0.00	19.04 -0.53 0.00	15.84 -0.40 0.00	15.56 -0.26 0.00
NM_CAPITAL____DRP 24208	18.18 0.33 0.09	16.30 0.31 0.00	18.22 0.38 0.00	18.06 0.34 0.00	16.58 0.34 0.00	15.38 0.26 0.00	21.57 0.46 0.00	21.03 0.50 0.00	17.00 0.09 -15.13	16.25 0.34 -0.07	19.89 0.36 -2.28	18.84 0.36 -0.30	17.18 0.35 1.18	18.53 0.38 0.00	20.62 0.43 -0.36	26.46 0.59 0.79	34.70 0.68 0.00	37.64 0.98 0.00	33.29 1.07 0.00	30.61 0.92 0.00	31.07 0.77 0.00	20.06 0.49 0.00	16.61 0.37 0.00	16.08 0.26 0.00
NM_CENTRAL____DRP 24181	17.95 0.01 0.00	15.99 0.01 0.00	17.83 0.00 0.00	17.69 -0.03 0.00	16.24 0.01 0.00	15.12 0.00 0.00	21.09 -0.03 0.00	20.42 -0.12 0.00	1.71 -0.07 0.00	15.75 -0.09 0.00	17.16 -0.08 0.00	18.11 -0.06 0.00	17.98 -0.03 0.00	18.14 -0.02 0.00	19.83 0.00 0.00	26.66 -0.01 0.00	34.04 0.02 0.00	36.90 0.24 0.00	32.44 0.21 0.00	29.82 0.13 0.00	30.28 -0.02 0.00	19.52 -0.05 0.00	16.22 -0.01 0.00	15.96 0.14 0.00
NM_FRONTIER____DRP 24179	17.81 -0.12 0.00	15.98 0.00 0.00	17.80 -0.03 0.00	17.55 -0.16 0.00	16.17 -0.07 0.00	14.98 -0.14 0.00	21.07 -0.05 0.00	20.02 -0.52 0.00	1.22 -0.56 0.00	15.69 -0.15 0.00	17.09 -0.15 0.00	18.17 -0.01 0.00	18.13 0.13 0.00	18.26 0.11 0.00	20.04 0.22 0.00	26.83 0.17 0.00	34.10 0.07 0.00	37.30 0.64 0.00	32.26 0.03 0.00	29.41 -0.28 0.00	29.53 -0.76 0.00	19.13 -0.44 0.00	16.08 -0.16 0.00	16.30 0.49 0.00
NM_ST_REGIS____HYD 24053	18.13 0.19 0.00	16.13 0.15 0.00	17.97 0.14 0.00	17.87 0.16 0.00	16.34 0.10 0.00	15.23 0.11 0.00	21.34 0.23 0.00	20.84 0.30 0.00	1.81 0.03 0.00	16.01 0.17 0.00	17.35 0.11 0.00	18.27 0.09 0.00	18.07 0.07 0.00	18.20 0.05 0.00	19.85 0.02 0.00	26.73 0.07 0.00	34.12 0.10 0.00	36.31 -0.36 0.00	31.98 -0.25 0.00	29.51 -0.17 0.00	30.11 -0.18 0.00	19.53 -0.04 0.00	16.23 -0.01 0.00	15.61 -0.21 0.00
NORTHPORT____1 23551	29.64 1.45 -10.25	17.21 1.23 0.00	19.10 1.27 0.00	18.99 1.27 0.00	17.74 1.33 -0.17	16.43 1.21 -0.11	96.87 1.90 -73.86	76.59 1.92 -54.14	88.49 0.46 -86.25	24.62 1.53 -7.25	24.86 1.69 -5.93	169.21 1.76 -149.28	28.90 1.69 -9.21	34.48 1.74 -14.58	31.29 1.97 -9.50	34.25 2.55 -5.04	39.11 2.93 -2.16	62.28 3.51 -22.10	43.92 3.14 -8.56	35.20 2.93 -2.58	63.26 2.77 -30.19	24.12 1.73 -2.82	18.27 1.40 -0.63	17.07 1.25 0.00
NORTHPORT____2 23552	29.64 1.45 -10.25	17.21 1.23 0.00	19.10 1.27 0.00	18.99 1.27 0.00	17.74 1.33 -0.17	16.43 1.21 -0.11	96.87 1.90 -73.86	76.59 1.92 -54.14	88.49 0.46 -86.25	24.62 1.53 -7.25	24.86 1.69 -5.93	169.21 1.76 -149.28	28.90 1.69 -9.21	34.48 1.74 -14.58	31.29 1.97 -9.50	34.25 2.55 -5.04	39.11 2.93 -2.16	62.28 3.51 -22.10	43.92 3.14 -8.56	35.20 2.93 -2.58	63.26 2.77 -30.19	24.12 1.73 -2.82	18.27 1.40 -0.63	17.07 1.25 0.00
NORTHPORT____3 23553	29.39 1.20 -10.25	17.00 1.02 0.00	18.87 1.03 0.00	18.75 1.04 0.00	17.52 1.12 -0.17	16.41 1.20 -0.10	69.83 1.95 -46.76	47.72 2.00 -25.19	64.70 0.48 -62.44	24.57 1.48 -7.25	24.88 1.71 -5.93	169.22 1.78 -149.26	28.89 1.73 -9.17	34.50 1.76 -14.58	31.27 1.95 -9.50	34.22 2.51 -5.04	39.09 2.91 -2.16	62.17 3.40 -22.10	43.82 3.03 -8.56	35.06 2.79 -2.58	63.08 2.59 -30.19	23.32 1.60 -2.15	18.01 1.29 -0.48	16.95 1.13 0.00

NORTHPORT___4 23650	29.39 1.20 -10.25	17.00 1.02 0.00	18.87 1.03 0.00	18.75 1.04 0.00	17.52 1.12 -0.17	16.41 1.20 -0.10	69.83 1.95 -46.76	47.72 2.00 -25.19	64.70 0.48 -62.44	24.57 1.48 -7.25	24.88 1.71 -5.93	169.22 1.78 -149.26	28.89 1.73 -9.17	34.50 1.76 -14.58	31.27 1.95 -9.50	34.22 2.51 -5.04	39.09 2.91 -2.16	62.17 3.40 -22.10	43.82 3.03 -8.56	35.06 2.79 -2.58	63.08 2.59 -30.19	23.32 1.60 -2.15	18.01 1.29 -0.48	16.95 1.13 0.00
NORTHPORT___IC 23718	29.64 1.45 -10.25	17.21 1.23 0.00	19.10 1.27 0.00	18.99 1.27 0.00	17.74 1.33 -0.17	16.43 1.21 -0.11	96.87 1.90 -73.86	76.59 1.92 -54.14	88.49 0.46 -86.25	24.62 1.53 -7.25	24.86 1.69 -5.93	169.21 1.76 -149.28	28.90 1.69 -9.21	34.48 1.74 -14.58	31.29 1.97 -9.50	34.25 2.55 -5.04	39.11 2.93 -2.16	62.28 3.51 -22.10	43.92 3.14 -8.56	35.20 2.93 -2.58	63.26 2.77 -30.19	24.12 1.73 -2.82	18.27 1.40 -0.63	17.07 1.25 0.00
NORTH___COUNTRY_ESR 323785	18.17 0.23 0.00	16.16 0.17 0.00	18.01 0.17 0.00	17.89 0.18 0.00	16.41 0.17 0.00	15.28 0.16 0.00	21.46 0.35 0.00	20.95 0.42 0.00	1.83 0.05 0.00	16.12 0.28 0.00	17.45 0.21 0.00	18.33 0.16 0.00	18.14 0.13 0.00	18.33 0.18 0.00	20.04 0.22 0.00	27.01 0.35 0.00	34.58 0.55 0.00	36.96 0.30 0.00	32.48 0.25 0.00	29.90 0.21 0.00	30.22 -0.08 0.00	19.31 -0.25 0.00	15.98 -0.26 0.00	15.23 -0.59 0.00
NPX_GEN_1385_PROXY 323591	29.34 1.15 -10.25	16.97 0.99 0.00	18.84 1.01 0.00	18.89 1.17 0.00	17.73 1.33 -0.17	16.30 1.08 -0.11	96.70 1.73 -73.86	76.53 1.86 -54.14	88.47 0.44 -86.25	24.26 1.17 -7.25	-37.93 1.16 56.33	167.56 1.20 -148.19	28.33 1.12 -9.21	33.51 1.18 -14.18	30.76 1.44 -9.50	33.42 1.72 -5.04	38.09 1.86 -2.21	52.69 2.35 -13.68	-132.95 2.14 167.31	33.57 2.03 -1.86	58.54 1.85 -26.39	19.74 1.15 0.97	17.91 1.04 -0.63	16.70 0.88 0.00
NPX_GEN_CSC 323557	29.80 1.61 -10.25	17.36 1.38 0.00	19.24 1.41 0.00	19.09 1.37 0.00	17.85 1.44 -0.17	16.66 1.44 -0.11	95.48 2.29 -72.08	75.03 2.26 -52.24	87.01 0.50 -84.73	24.80 1.71 -7.25	25.06 1.89 -5.93	169.39 1.93 -149.28	29.13 1.88 -9.25	34.28 1.94 -14.18	31.54 2.22 -9.50	34.68 2.98 -5.04	39.79 3.56 -2.21	66.16 4.21 -25.29	44.58 3.80 -8.56	35.81 3.54 -2.58	65.87 3.36 -32.22	24.68 2.10 -3.02	18.60 1.68 -0.68	17.34 1.52 0.00
NSINS_S_GLNS_FALLS 23858	18.48 0.64 0.09	16.60 0.62 0.00	18.52 0.69 0.00	18.33 0.62 0.00	16.85 0.61 0.00	15.81 0.69 0.00	22.33 1.21 0.00	21.77 1.23 0.00	16.59 0.21 -14.60	16.69 0.79 -0.07	20.23 0.79 -2.21	19.21 0.75 -0.29	17.39 0.61 1.22	18.81 0.65 0.00	20.96 0.79 -0.34	26.99 1.14 0.81	35.51 1.49 0.00	38.66 1.99 0.00	34.46 2.23 0.00	31.62 1.93 0.00	31.98 1.68 0.00	20.61 1.04 0.00	17.04 0.80 0.00	16.42 0.60 0.00
NUCOR_STEEL___DRP 24197	18.16 0.22 0.00	16.27 0.28 0.00	18.05 0.21 0.00	17.89 0.18 0.00	16.53 0.29 0.00	15.31 0.20 0.00	21.44 0.32 0.00	20.77 0.23 0.00	1.72 -0.06 0.00	15.99 0.15 0.00	17.39 0.16 0.00	18.36 0.18 0.00	18.22 0.23 0.00	18.39 0.23 0.00	20.10 0.27 0.00	27.05 0.39 0.00	34.57 0.54 0.00	37.55 0.89 0.00	33.03 0.81 0.00	30.47 0.79 0.00	30.82 0.52 0.00	19.94 0.37 0.00	16.55 0.31 0.00	16.16 0.34 0.00
NUMBER_THREE_WT_PWR 323818	18.45 0.51 0.00	16.38 0.40 0.00	18.27 0.44 0.00	18.18 0.47 0.00	16.69 0.45 0.00	15.60 0.48 0.00	21.98 0.86 0.00	21.39 0.85 0.00	1.85 0.06 0.00	16.31 0.47 0.00	17.66 0.42 0.00	18.60 0.42 0.00	18.39 0.39 0.00	18.50 0.35 0.00	20.20 0.37 0.00	27.18 0.52 0.00	34.80 0.77 0.00	37.92 1.26 0.00	33.65 1.43 0.00	31.03 1.34 0.00	31.32 1.03 0.00	20.19 0.63 0.00	16.69 0.44 0.00	16.09 0.27 0.00
NYISO_LBMP_REFERENCE 24008	17.94 0.00 0.00	15.98 0.00 0.00	17.83 0.00 0.00	17.72 0.00 0.00	16.24 0.00 0.00	15.12 0.00 0.00	21.11 0.00 0.00	20.53 0.00 0.00	1.78 0.00 0.00	15.84 0.00 0.00	17.24 0.00 0.00	18.18 0.00 0.00	18.00 0.00 0.00	18.15 0.00 0.00	19.83 0.00 0.00	26.66 0.00 0.00	34.03 0.00 0.00	36.66 0.00 0.00	32.22 0.00 0.00	29.69 0.00 0.00	30.30 0.00 0.00	19.57 0.00 0.00	16.24 0.00 0.00	15.82 0.00 0.00
NYPA_BRENTWD___GT 24164	29.80 1.61 -10.25	17.33 1.35 0.00	19.22 1.39 0.00	19.08 1.37 0.00	17.82 1.42 -0.17	16.61 1.39 -0.11	92.36 2.21 -69.03	71.68 2.16 -48.98	84.31 0.49 -82.04	24.78 1.69 -7.25	25.05 1.88 -5.93	169.43 1.95 -149.30	29.17 1.83 -9.33	34.64 1.91 -14.58	31.46 2.14 -9.50	34.53 2.83 -5.04	39.29 3.11 -2.16	62.53 3.77 -22.10	44.18 3.40 -8.56	35.49 3.22 -2.58	63.71 3.21 -30.19	25.09 2.00 -3.53	18.63 1.60 -0.79	17.24 1.42 0.00
NYPA_GOWANUS___GT5 24156	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.04 0.00	40.06 3.39 0.00	35.25 3.03 0.00	32.38 2.69 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NYPA_GOWANUS___GT6 24157	19.00 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.65 1.53 -0.01	22.12 1.59 0.00	41.49 0.36 -39.35	17.40 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.52 2.50 -2.35	37.07 3.04 0.00	40.06 3.39 0.00	35.25 3.03 0.00	32.38 2.69 0.00	33.49 2.53 -0.66	21.28 1.71 -0.01	17.57 1.32 0.00	16.95 1.13 0.00
NYPA_HARLEM__RVR_GT1 24160	18.85 0.83 -0.08	16.70 0.72 0.00	18.61 0.78 0.00	18.42 0.70 0.00	16.97 0.73 0.00	15.93 0.81 0.00	22.49 1.37 -0.01	21.96 1.43 0.00	41.49 0.36 -39.35	17.22 1.20 -0.18	24.61 1.42 -5.95	20.46 1.50 -0.78	22.87 1.50 -3.37	22.05 1.57 -2.32	22.78 1.73 -1.22	30.07 2.19 -1.22	36.73 2.70 0.00	39.74 3.08 0.00	35.02 2.79 0.00	32.21 2.52 0.00	33.24 2.34 -0.60	21.02 1.45 0.00	17.35 1.11 0.00	16.76 0.93 0.00
NYPA_HARLEM__RVR_GT2 24161	18.85 0.83 -0.08	16.70 0.72 0.00	18.61 0.78 0.00	18.42 0.70 0.00	16.97 0.73 0.00	15.93 0.81 0.00	22.49 1.37 -0.01	21.96 1.43 0.00	41.49 0.36 -39.35	17.22 1.20 -0.18	24.61 1.42 -5.95	20.46 1.50 -0.78	22.87 1.50 -3.37	22.05 1.57 -2.32	22.78 1.73 -1.22	30.07 2.19 -1.22	36.73 2.70 0.00	39.74 3.08 0.00	35.02 2.79 0.00	32.21 2.52 0.00	33.24 2.34 -0.60	21.02 1.45 0.00	17.35 1.11 0.00	16.76 0.93 0.00
NYPA_KENT___GT 24152	19.01 0.99 -0.08	16.83 0.84 0.00	18.73 0.89 0.00	18.54 0.82 0.00	17.07 0.84 0.00	16.04 0.92 0.00	22.65 1.53 -0.01	22.12 1.58 0.00	41.49 0.35 -39.35	17.38 1.35 -0.19	26.06 1.59 -7.23	32.21 1.68 -12.35	30.41 1.68 -10.73	30.94 1.73 -11.06	30.74 1.92 -9.00	31.50 2.49 -2.35	37.04 3.02 0.00	40.05 3.38 0.00	35.24 3.02 0.00	32.37 2.68 0.00	33.47 2.51 -0.66	21.25 1.68 -0.01	17.54 1.30 0.00	16.93 1.11 0.00

NYPA_POUCH1____GT 24155	19.02 1.00 -0.08	16.83 0.85 0.00	18.74 0.91 0.00	18.55 0.83 0.00	17.09 0.85 0.00	16.05 0.93 0.00	22.67 1.55 -0.01	22.15 1.61 0.00	41.50 0.36 -39.35	17.42 1.39 -0.19	26.05 1.62 -7.20	32.11 1.70 -12.24	30.34 1.70 -10.64	30.97 1.76 -11.06	30.78 1.95 -9.00	31.52 2.55 -2.31	36.88 3.04 0.19	39.89 3.40 0.17	35.19 3.03 0.06	32.36 2.69 0.01	33.49 2.53 -0.66	21.31 1.74 -0.01	17.58 1.34 0.00	16.97 1.15 0.00
NYPA_VERNON____GT2 24162	19.01 0.99 -0.08	16.83 0.85 0.00	18.74 0.90 0.00	18.55 0.83 0.00	17.09 0.85 0.00	16.05 0.93 0.00	22.64 1.53 -0.01	22.11 1.57 0.00	41.50 0.36 -39.35	17.37 1.34 -0.19	26.05 1.58 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.94 1.73 -11.06	30.73 1.91 -9.00	31.47 2.46 -2.35	37.03 3.00 0.00	40.02 3.36 0.00	35.22 3.00 0.00	32.35 2.66 0.00	33.44 2.48 -0.66	21.23 1.65 -0.01	17.52 1.28 0.00	16.91 1.09 0.00
NYPA_VERNON____GT3 24163	19.01 0.99 -0.08	16.83 0.85 0.00	18.74 0.90 0.00	18.55 0.83 0.00	17.09 0.85 0.00	16.05 0.93 0.00	22.64 1.53 -0.01	22.11 1.57 0.00	41.50 0.36 -39.35	17.37 1.34 -0.19	26.05 1.58 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.94 1.73 -11.06	30.73 1.91 -9.00	31.47 2.46 -2.35	37.03 3.00 0.00	40.02 3.36 0.00	35.22 3.00 0.00	32.35 2.66 0.00	33.44 2.48 -0.66	21.23 1.65 -0.01	17.52 1.28 0.00	16.91 1.09 0.00
NYPA____ASTORIA_CC1 323568	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.48 -0.01	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.31 -0.19	26.02 1.55 -7.23	32.17 1.65 -12.35	30.37 1.64 -10.73	30.90 1.69 -11.06	30.69 1.86 -9.00	31.42 2.41 -2.35	36.96 2.93 0.00	39.95 3.28 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.40 2.44 -0.66	21.19 1.62 -0.01	17.49 1.25 0.00	16.89 1.07 0.00
NYPA____ASTORIA_CC2 323569	18.98 0.97 -0.08	16.81 0.82 0.00	18.71 0.88 0.00	18.52 0.81 0.00	17.06 0.82 0.00	16.02 0.90 0.00	22.60 1.48 -0.01	22.07 1.54 0.00	41.50 0.36 -39.35	17.33 1.31 -0.19	26.02 1.55 -7.23	32.17 1.65 -12.35	30.37 1.64 -10.73	30.90 1.69 -11.06	30.69 1.86 -9.00	31.42 2.41 -2.35	36.96 2.93 0.00	39.95 3.28 0.00	35.16 2.93 0.00	32.30 2.61 0.00	33.40 2.44 -0.66	21.19 1.62 -0.01	17.49 1.25 0.00	16.89 1.07 0.00
NYPA____HOLTSVILL 23794	29.72 1.53 -10.25	17.29 1.31 0.00	19.17 1.34 0.00	19.03 1.31 0.00	17.78 1.38 -0.17	16.59 1.37 -0.11	95.74 2.18 -72.45	75.33 2.16 -52.64	87.32 0.49 -85.05	24.73 1.64 -7.25	25.00 1.83 -5.93	169.34 1.89 -149.28	29.07 1.82 -9.24	34.62 1.88 -14.58	31.46 2.14 -9.50	34.55 2.84 -5.04	39.54 3.36 -2.16	62.73 3.96 -22.10	44.34 3.56 -8.56	35.59 3.33 -2.58	63.64 3.16 -30.19	24.50 1.94 -2.99	18.46 1.55 -0.67	17.21 1.39 0.00
NYPA____HELLGATE_GT1 24158	18.85 0.83 -0.08	16.70 0.72 0.00	18.61 0.78 0.00	18.42 0.70 0.00	16.97 0.73 0.00	15.93 0.81 0.00	22.49 1.37 -0.01	21.96 1.43 0.00	41.49 0.36 -39.35	17.22 1.20 -0.18	24.61 1.42 -5.95	20.46 1.50 -0.78	22.87 1.50 -3.37	22.05 1.57 -2.32	22.78 1.73 -1.22	30.06 2.18 -1.22	36.69 2.66 0.00	39.70 3.04 0.00	34.98 2.77 0.02	32.16 2.50 0.02	32.00 2.31 0.62	21.02 1.45 0.00	17.35 1.11 0.00	16.76 0.93 0.00
NYPA____HELLGATE_GT2 24159	18.85 0.83 -0.08	16.70 0.72 0.00	18.61 0.78 0.00	18.42 0.70 0.00																				

ONEIDA_HERK_LFGE 323681	18.37 0.43 0.00	16.35 0.36 0.00	18.23 0.40 0.00	18.12 0.41 0.00	16.64 0.40 0.00	15.53 0.42 0.00	21.86 0.75 0.00	21.27 0.73 0.00	1.83 0.05 0.00	16.32 0.49 0.00	17.73 0.50 0.00	18.69 0.51 0.00	18.46 0.46 0.00	18.57 0.42 0.00	20.30 0.47 0.00	27.30 0.64 0.00	34.95 0.92 0.00	38.00 1.34 0.00	33.60 1.38 0.00	30.95 1.26 0.00	31.36 1.07 0.00	20.20 0.64 0.00	16.71 0.46 0.00	16.20 0.38 0.00
ONEIDA___115KV_TB4 55905	18.38 0.44 0.00	16.36 0.38 0.00	18.25 0.42 0.00	18.12 0.40 0.00	16.64 0.41 0.00	15.53 0.42 0.00	21.83 0.72 0.00	21.22 0.69 0.00	1.81 0.03 0.00	16.31 0.47 0.00	17.76 0.52 0.00	18.71 0.53 0.00	18.50 0.50 0.00	18.63 0.48 0.00	20.36 0.54 0.00	27.42 0.75 0.00	35.09 1.07 0.00	38.17 1.51 0.00	33.72 1.49 0.00	31.03 1.34 0.00	31.47 1.18 0.00	20.26 0.69 0.00	16.76 0.52 0.00	16.34 0.52 0.00
ONONDAGA_REF_OCCRA 23987	18.05 0.12 0.00	16.08 0.10 0.00	17.93 0.09 0.00	17.79 0.07 0.00	16.34 0.10 0.00	15.20 0.09 0.00	21.25 0.13 0.00	20.59 0.06 0.00	1.72 -0.06 0.00	15.87 0.03 0.00	17.28 0.04 0.00	18.24 0.07 0.00	18.10 0.10 0.00	18.26 0.11 0.00	19.97 0.14 0.00	26.85 0.18 0.00	34.30 0.27 0.00	37.20 0.54 0.00	32.71 0.48 0.00	30.08 0.39 0.00	30.54 0.24 0.00	19.67 0.11 0.00	16.34 0.11 0.00	16.05 0.23 0.00
ONONDAGA___COGEN 23986	18.11 0.17 0.00	16.14 0.16 0.00	17.98 0.15 0.00	17.84 0.12 0.00	16.39 0.15 0.00	15.25 0.13 0.00	21.31 0.20 0.00	20.66 0.12 0.00	1.72 -0.06 0.00	15.92 0.08 0.00	17.33 0.09 0.00	18.29 0.12 0.00	18.16 0.16 0.00	18.32 0.17 0.00	20.00 0.18 0.00	26.89 0.23 0.00	34.35 0.33 0.00	37.26 0.60 0.00	32.77 0.55 0.00	30.14 0.45 0.00	30.60 0.31 0.00	19.74 0.17 0.00	16.40 0.16 0.00	16.09 0.27 0.00
ONTARIO___LFGE 23819	18.21 0.27 0.00	16.25 0.26 0.00	18.07 0.24 0.00	17.91 0.19 0.00	16.50 0.26 0.00	15.38 0.27 0.00	21.71 0.60 0.00	21.05 0.52 0.00	1.65 -0.13 0.00	16.20 0.36 0.00	17.64 0.40 0.00	18.64 0.46 0.00	18.52 0.52 0.00	18.70 0.55 0.00	20.48 0.65 0.00	27.46 0.80 0.00	35.12 1.10 0.00	38.34 1.68 0.00	33.60 1.38 0.00	30.84 1.15 0.00	31.17 0.87 0.00	20.08 0.51 0.00	16.62 0.39 0.00	16.35 0.53 0.00
ORANGEVILLE_WT_PWR 323706	18.22 0.28 0.00	16.30 0.31 0.00	18.12 0.29 0.00	17.91 0.20 0.00	16.51 0.28 0.00	15.35 0.24 0.00	21.75 0.64 0.00	20.90 0.37 0.00	1.37 -0.41 0.00	16.28 0.44 0.00	17.75 0.52 0.00	18.83 0.65 0.00	18.74 0.75 0.00	18.92 0.77 0.00	20.79 0.96 0.00	27.79 1.13 0.00	35.57 1.54 0.00	38.90 2.24 0.00	33.68 1.46 0.00	30.79 1.11 0.00	30.96 0.66 0.00	19.95 0.38 0.00	16.62 0.38 0.00	16.64 0.82 0.00
ORANGEVILLE___ESR 323794	18.22 0.28 0.00	16.30 0.31 0.00	18.12 0.29 0.00	17.91 0.20 0.00	16.51 0.28 0.00	15.35 0.24 0.00	21.75 0.64 0.00	20.90 0.37 0.00	1.37 -0.41 0.00	16.28 0.44 0.00	17.75 0.52 0.00	18.83 0.65 0.00	18.74 0.75 0.00	18.92 0.77 0.00	20.79 0.96 0.00	27.79 1.13 0.00	35.57 1.54 0.00	38.90 2.24 0.00	33.68 1.46 0.00	30.79 1.11 0.00	30.96 0.66 0.00	19.95 0.38 0.00	16.62 0.38 0.00	16.64 0.82 0.00
OSWEGATCHIE___HYD 24044	18.25 0.31 0.00	16.22 0.24 0.00	18.09 0.25 0.00	17.99 0.28 0.00	16.48 0.24 0.00	15.38 0.26 0.00	21.60 0.49 0.00	21.05 0.52 0.00	1.83 0.04 0.00	16.10 0.26 0.00	17.43 0.19 0.00	18.37 0.19 0.00	18.16 0.16 0.00	18.29 0.13 0.00	19.95 0.12 0.00	26.84 0.18 0.00	34.30 0.27 0.00	36.95 0.29 0.00	32.70 0.48 0.00	30.20 0.51 0.00	30.68 0.38 0.00	19.88 0.31 0.00	16.48 0.24 0.00	15.90 0.08 0.00
OSWEGO___5 23606	17.69 -0.25 0.00	15.77 -0.22 0.00	17.58 -0.25 0.00	17.45 -0.27 0.00	16.01 -0.22 0.00	14.89 -0.23 0.00	20.76 -0.35 0.00	20.13 -0.41 0.00	1.68 -0.10 0.00	15.53 -0.31 0.00	16.90 -0.34 0.00	17.83 -0.34 0.00	17.68 -0.32 0.00	17.84 -0.32 0.00	19.50 -0.33 0.00	26.21 -0.45 0.00	33.45 -0.57 0.00	36.20 -0.46 0.00	31.81 -0.41 0.00	29.27 -0.42 0.00	29.76 -0.54 0.00	19.21 -0.36 0.00	15.96 -0.28 0.00	15.67 -0.15 0.00
OSWEGO___6 23613	17.69 -0.25 0.00	15.77 -0.22 0.00	17.58 -0.25 0.00	17.45 -0.27 0.00	16.01 -0.22 0.00	14.89 -0.23 0.00	20.76 -0.35 0.00	20.13 -0.41 0.00	1.68 -0.10 0.00	15.53 -0.31 0.00	16.90 -0.34 0.00	17.83 -0.34 0.00	17.68 -0.32 0.00	17.84 -0.32 0.00	19.50 -0.33 0.00	26.21 -0.45 0.00	33.45 -0.57 0.00	36.20 -0.46 0.00	31.81 -0.41 0.00	29.27 -0.42 0.00	29.76 -0.54 0.00	19.21 -0.36 0.00	15.96 -0.28 0.00	15.67 -0.15 0.00
OUTOKUMPU-AB___DRP 24206	18.21 0.27 0.00	16.33 0.35 0.00	18.18 0.34 0.00	17.93 0.21 0.00	16.53 0.29 0.00	15.32 0.21 0.00	21.62 0.51 0.00	20.66 0.12 0.00	1.29 -0.49 0.00	16.19 0.36 0.00	17.65 0.41 0.00	18.76 0.58 0.00	18.72 0.72 0.00	18.88 0.73 0.00	20.76 0.94 0.00	27.77 1.11 0.00	35.43 1.41 0.00	38.82 2.16 0.00	33.57 1.34 0.00	30.60 0.92 0.00	30.71 0.42 0.00	19.85 0.28 0.00	16.60 0.36 0.00	16.75 0.93 0.00
OXBOW___ 24026	18.06 0.12 0.00	16.20 0.21 0.00	18.03 0.20 0.00	17.78 0.06 0.00	16.39 0.15 0.00	15.19 0.07 0.00	21.41 0.30 0.00	20.40 -0.14 0.00	1.25 -0.54 0.00	16.01 0.17 0.00	17.43 0.19 0.00	18.53 0.35 0.00	18.48 0.48 0.00	18.66 0.50 0.00	20.54 0.71 0.00	27.41 0.74 0.00	34.91 0.89 0.00	38.23 1.56 0.00	33.06 0.83 0.00	30.13 0.44 0.00	30.24 -0.05 0.00	19.57 0.00 0.00	16.39 0.15 0.00	16.58 0.76 0.00
OXY_CHEM_DSASP 323612	17.84 -0.09 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.00 -0.11 0.00	21.10 -0.01 0.00	20.06 -0.48 0.00	1.23 -0.55 0.00	15.72 -0.12 0.00	17.13 -0.11 0.00	18.21 0.03 0.00	18.17 0.17 0.00	18.30 0.15 0.00	20.09 0.26 0.00	26.89 0.23 0.00	34.19 0.16 0.00	37.42 0.75 0.00	32.35 0.13 0.00	29.50 -0.19 0.00	29.62 -0.68 0.00	19.19 -0.38 0.00	16.12 -0.13 0.00	16.34 0.52 0.00
OZONE_PARK_ESR 323760	19.09 1.06 -0.08	16.89 0.90 0.00	18.79 0.95 0.00	18.60 0.88 0.00	17.13 0.89 0.00	16.08 0.96 0.00	22.72 1.60 0.00	22.21 1.68 0.00	41.47 0.33 -39.36	17.42 1.41 -0.19	24.85 1.67 -5.94	20.72 1.77 -0.77	23.13 1.77 -3.37	22.28 1.83 -2.30	23.09 2.03 -1.23	30.50 2.62 -1.23	37.27 3.24 0.00	40.35 3.69 0.00	35.45 3.22 0.00	32.54 2.86 0.00	32.97 2.67 0.00	21.33 1.76 0.00	17.61 1.36 0.00	17.00 1.18 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.84 -0.09 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.00 -0.11 0.00	21.10 -0.01 0.00	20.06 -0.48 0.00	1.23 -0.55 0.00	15.72 -0.12 0.00	17.13 -0.11 0.00	18.21 0.03 0.00	18.17 0.17 0.00	18.30 0.15 0.00	20.09 0.26 0.00	26.89 0.23 0.00	34.19 0.16 0.00	37.42 0.75 0.00	32.35 0.13 0.00	29.50 -0.19 0.00	29.62 -0.68 0.00	19.19 -0.38 0.00	16.12 -0.13 0.00	16.34 0.52 0.00

PACKARD__115KV_DUPONT_184 80571	17.84 -0.09 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.58 -0.14 0.00	16.19 -0.05 0.00	15.00 -0.11 0.00	21.10 -0.01 0.00	20.06 -0.48 0.00	1.23 -0.55 0.00	15.72 -0.12 0.00	17.13 -0.11 0.00	18.21 0.03 0.00	18.17 0.17 0.00	18.30 0.15 0.00	20.09 0.26 0.00	26.89 0.23 0.00	34.19 0.16 0.00	37.42 0.75 0.00	32.35 0.13 0.00	29.50 -0.19 0.00	29.62 -0.68 0.00	19.19 -0.38 0.00	16.12 -0.13 0.00	16.34 0.52 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.89 0.87 -0.08	16.74 0.75 0.00	18.65 0.82 0.00	18.46 0.74 0.00	17.01 0.77 0.00	15.95 0.84 0.00	22.49 1.38 0.00	21.96 1.42 0.00	41.48 0.35 -39.35	17.22 1.21 -0.17	24.62 1.45 -5.94	20.49 1.53 -0.78	22.89 1.51 -3.37	22.05 1.57 -2.32	22.79 1.74 -1.22	30.11 2.23 -1.22	36.79 2.77 0.00	39.82 3.16 0.00	35.11 2.89 0.00	32.30 2.61 0.00	33.38 2.42 -0.66	21.07 1.51 0.00	17.39 1.15 0.00	16.81 0.99 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.89 0.87 -0.08	16.74 0.75 0.00	18.65 0.82 0.00	18.46 0.74 0.00	17.01 0.77 0.00	15.95 0.84 0.00	22.49 1.38 0.00	21.96 1.43 0.00	41.49 0.35 -39.35	17.29 1.28 -0.17	24.63 1.46 -5.94	20.49 1.53 -0.78	22.89 1.52 -3.37	22.05 1.58 -2.32	22.79 1.74 -1.22	30.12 2.23 -1.22	36.80 2.78 0.00	39.83 3.16 0.00	35.11 2.89 0.00	32.30 2.61 0.00	33.38 2.42 -0.66	21.07 1.51 0.00	17.39 1.16 0.00	16.81 0.99 0.00
PATROON__115KV_TB1 80586	18.23 0.37 0.08	16.33 0.35 0.00	18.25 0.42 0.00	18.10 0.38 0.00	16.61 0.38 0.00	15.40 0.28 0.00	21.61 0.50 0.00	21.07 0.53 0.00	16.79 0.08 -14.94	16.28 0.37 -0.07	19.90 0.41 -2.25	18.88 0.41 -0.29	17.32 0.40 1.08	18.58 0.42 0.00	20.68 0.49 -0.36	26.60 0.67 0.74	34.83 0.81 0.00	37.77 1.11 0.00	33.40 1.18 0.00	30.70 1.01 0.00	31.15 0.85 0.00	20.10 0.53 0.00	16.63 0.39 0.00	16.11 0.29 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.57 0.64 0.00	16.62 0.64 0.00	18.49 0.66 0.00	18.26 0.55 0.00	16.84 0.60 0.00	15.62 0.50 0.00	22.13 1.02 0.00	21.23 0.70 0.00	1.35 -0.43 0.00	16.60 0.77 0.00	18.14 0.91 0.00	19.26 1.09 0.00	19.22 1.22 0.00	19.38 1.23 0.00	21.29 1.47 0.00	28.55 1.89 0.00	36.53 2.50 0.00	39.99 3.33 0.00	34.55 2.33 0.00	31.52 1.83 0.00	31.66 1.36 0.00	20.39 0.82 0.00	16.98 0.74 0.00	17.04 1.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.90 0.89 -0.07	16.74 0.76 0.00	18.65 0.81 0.00	18.47 0.75 0.00	17.00 0.76 0.00	15.94 0.82 0.00	22.49 1.37 0.00	21.98 1.44 0.00	22.71 0.29 -20.64	17.10 1.16 -0.10	21.71 1.36 -3.12	19.99 1.41 -0.41	21.72 1.39 -2.34	19.60 1.44 0.00	22.22 1.62 -0.78	29.73 2.13 -0.94	36.71 2.69 0.00	39.79 3.13 0.00	35.05 2.83 0.00	32.20 2.51 0.00	32.61 2.32 0.00	21.04 1.47 0.00	17.37 1.12 0.00	16.79 0.97 0.00
PEEKSKILL____ 23653	18.76 0.74 -0.08	16.61 0.62 0.00	18.49 0.65 0.00	18.31 0.60 0.00	16.87 0.63 0.00	15.82 0.70 0.00	22.31 1.19 0.00	21.80 1.26 0.00	44.24 0.27 -42.18	17.07 1.03 -0.20	24.84 1.23 -6.37	20.29 1.28 -0.83	22.29 1.27 -3.02	19.48 1.32 -0.01	22.59 1.46 -1.30	29.77 1.90 -1.21	36.38 2.35 0.00	39.40 2.74 0.00	34.69 2.47 0.00	31.86 2.17 0.00	32.28 1.99 0.00	20.85 1.29 0.00	17.23 0.99 0.00	16.66 0.84 0.00
PGE MADISON__WINDPWR 24146	19.04 1.10 0.00	16.98 0.99 0.00	18.92 1.09 0.00	18.80 1.08 0.00	17.32 1.08 0.00	16.22 1.10 0.00	23.05 1.94 0.00	22.43 1.90 0.00	1.85 0.07 0.00	17.22 1.38 0.00	18.64 1.41 0.00	19.73 1.55 0.00	19.52 1.52 0.00	19.54 1.38 0.00	21.34 1.51 0.00	28.93 2.27 0.00	37.09 3.07 0.00	40.69 4.03 0.00	35.96 3.74 0.00	33.11 3.42 0.00	33.46 3.17 0.00	21.42 1.85 0.00	17.65 1.41 0.00	17.21 1.39 0.00
PIERCEFIELD__HYD 23852	18.04 0.11 0.00	16.06 0.08 0.00	17.90 0.06 0.00	17.81 0.09 0.00	16.27 0.03 0.00	15.16 0.04 0.00	21.22 0.10 0.00	20.72 0.18 0.00	1.80 0.02 0.00	15.91 0.08 0.00	17.25 0.01 0.00	18.18 0.00 0.00	17.97 -0.03 0.00	18.09 -0.06 0.00	19.72 -0.11 0.00	26.55 -0.11 0.00	33.85 -0.17 0.00	35.96 -0.70 0.00	31.67 -0.56 0.00	29.26 -0.43 0.00	29.93 -0.37 0.00	19.49 -0.08 0.00	16.22 -0.02 0.00	15.64 -0.18 0.00
PINELAWN_CC_1 323563	29.61 1.42 -10.25	17.18 1.19 0.00	19.07 1.23 0.00	18.92 1.20 0.00	17.66 1.26 -0.17	16.49 1.26 -0.11	85.90 2.02 -62.77	64.88 2.05 -42.30	78.80 0.49 -76.53	24.66 1.57 -7.25	24.95 1.78 -5.93	169.38 1.85 -149.35	29.38 1.80 -9.58	34.61 1.87 -14.58	31.43 2.10 -9.50	34.45 2.75 -5.04	39.49 3.31 -2.16	62.70 3.93 -22.10	44.29 3.51 -8.56	35.46 3.20 -2.58	63.52 3.03 -30.19	27.15 1.90 -5.68	19.02 1.50 -1.28	17.14 1.32 0.00
PJM_GEN_HTP_PROXY 323702	18.89 0.87 -0.08	16.71 0.73 0.00	18.61 0.78 0.00	18.42 0.71 0.00	16.97 0.73 0.00	15.93 0.81 0.00	22.49 1.37 0.00	21.97 1.44 0.00	41.46 0.32 -39.36	17.24 1.22 -0.19	24.64 1.46 -5.94	20.51 1.55 -0.77	22.91 1.55 -3.36	22.02 1.61 -2.26	22.83 1.78 -1.23	30.01 2.28 -1.07	37.01 2.83 -0.16	39.89 3.23 0.00	35.03 2.81 0.00	29.46 2.46 2.69	32.58 2.28 0.00	21.08 1.52 0.00	17.41 1.17 0.00	16.82 1.00 0.00
PJM_GEN_KEystone 24065	18.36 0.38 -0.04	16.32 0.33 0.00	18.16 0.33 0.00	17.97 0.25 0.00	16.57 0.33 0.00	15.47 0.35 0.00	21.88 0.77 0.00	21.24 0.71 0.00	-39.79 -0.02 41.55	16.29 0.65 0.20	11.74 0.80 6.30	18.15 0.89 0.91	19.09 0.92 -0.16	19.26 0.95 -0.16	20.20 1.11 0.73	27.90 1.38 0.14	35.81 1.78 -0.01	38.80 2.28 0.13	33.95 1.78 0.05	28.41 1.43 2.71	31.46 1.16 0.00	20.28 0.71 0.00	16.80 0.56 0.00	16.49 0.67 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.31 1.12 -10.25	16.92 0.94 0.00	18.79 0.96 0.00	18.65 0.93 0.00	17.39 0.99 -0.17	16.25 1.03 -0.10	61.05 1.69 -38.26	38.35 1.71 -16.11	57.18 0.44 -54.95	24.42 1.33 -7.25	24.72 1.56 -5.93	164.06 1.63 -144.25	28.55 1.59 -8.96	34.41 1.67 -14.58	31.16 1.84 -9.50	33.92 2.37 -4.89	39.19 2.85 -2.32	62.13 3.36 -22.10	43.77 2.99 -8.56	32.26 2.69 0.11	62.99 2.50 -30.19	21.67 1.62 -0.49	17.60 1.25 -0.10	16.91 1.09 0.00
PJM_GEN_VFT_PROXY 323633	18.84 0.82 -0.08	16.67 0.69 0.00	18.55 0.71 0.00	18.36 0.64 0.00	16.91 0.67 0.00	15.87 0.75 0.00	22.40 1.29 0.00	21.89 1.36 0.00	41.47 0.33 -39.36	17.17 1.15 -0.19	24.16 1.40 -5.52	19.20 1.50 0.48	21.82 1.50 -2.32	22.02 1.57 -2.30	22.78 1.73 -1.23	29.48 2.18 -0.64	34.72 2.65 1.95	37.76 3.04 1.94	34.24 2.70 0.68	29.18 2.36 2.87	32.49 2.20 0.00	21.05 1.49 0.00	17.39 1.15 0.00	16.80 0.98 0.00
PLATSBRG_115KV_PMLD1 355749	18.37 0.43 0.00	16.34 0.36 0.00	18.22 0.39 0.00	18.09 0.37 0.00	16.60 0.36 0.00	15.45 0.33 0.00	21.78 0.67 0.00	21.24 0.71 0.00	1.88 0.10 0.00	16.32 0.48 0.00	17.66 0.42 0.00	18.51 0.33 0.00	18.31 0.31 0.00	18.56 0.41 0.00	20.33 0.50 0.00	27.39 0.73 0.00	35.09 1.06 0.00	37.57 0.90 0.00	33.04 0.81 0.00	30.35 0.66 0.00	30.56 0.26 0.00	19.54 -0.02 0.00	16.19 -0.05 0.00	15.37 -0.45 0.00

PLEASANTVLY___LBMP 24000	18.67 0.63 -0.10	16.54 0.55 0.00	18.43 0.60 0.00	18.26 0.54 0.00	16.80 0.56 0.00	15.74 0.62 0.00	22.15 1.03 0.00	21.64 1.10 0.00	29.93 0.26 -27.89	16.85 0.88 -0.13	22.51 1.06 -4.21	19.82 1.10 -0.55	21.94 1.07 -2.87	19.28 1.12 0.00	21.99 1.24 -0.93	29.51 1.60 -1.25	36.01 1.98 0.00	38.98 2.32 0.00	34.38 2.15 0.00	31.60 1.91 0.00	32.01 1.72 0.00	20.68 1.12 0.00	17.10 0.86 0.00	16.54 0.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.83 0.81 -0.09	16.67 0.69 0.00	18.56 0.73 0.00	18.39 0.67 0.00	16.93 0.69 0.00	15.87 0.76 0.00	22.38 1.26 0.00	21.87 1.34 0.00	37.92 0.28 -35.86	17.10 1.09 -0.17	23.95 1.30 -5.41	20.25 1.36 -0.71	22.30 1.35 -2.95	19.57 1.40 0.00	22.51 1.55 -1.13	29.89 2.01 -1.22	36.51 2.49 0.00	39.54 2.88 0.00	34.81 2.59 0.00	31.97 2.28 0.00	32.40 2.11 0.00	20.93 1.37 0.00	17.29 1.05 0.00	16.71 0.89 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.83 0.81 -0.09	16.67 0.69 0.00	18.56 0.73 0.00	18.39 0.67 0.00	16.93 0.69 0.00	15.87 0.76 0.00	22.38 1.26 0.00	21.87 1.34 0.00	37.92 0.28 -35.86	17.10 1.09 -0.17	23.95 1.30 -5.41	20.25 1.36 -0.71	22.30 1.35 -2.95	19.57 1.40 0.00	22.51 1.55 -1.13	29.89 2.01 -1.22	36.51 2.49 0.00	39.54 2.88 0.00	34.81 2.59 0.00	31.97 2.28 0.00	32.40 2.11 0.00	20.93 1.37 0.00	17.29 1.05 0.00	16.71 0.89 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.67 0.75 0.02	16.63 0.65 0.00	18.54 0.70 0.00	18.37 0.65 0.00	16.89 0.66 0.00	15.83 0.72 0.00	22.30 1.18 0.00	21.78 1.25 0.00	18.61 0.26 -16.57	16.88 0.96 -0.08	20.88 1.14 -2.50	19.68 1.18 -0.32	19.60 1.15 -0.45	19.37 1.21 0.00	21.72 1.34 -0.55	28.40 1.77 0.03	36.34 2.31 0.00	39.35 2.69 0.00	34.70 2.47 0.00	31.90 2.21 0.00	32.30 2.00 0.00	20.84 1.28 0.00	17.22 0.98 0.00	16.66 0.84 0.00
POLETTI____ 23519	18.88 0.86 -0.08	16.71 0.73 0.00	18.60 0.77 0.00	18.42 0.70 0.00	16.97 0.73 0.00	15.92 0.81 0.00	22.47 1.36 0.00	21.95 1.42 0.00	41.46 0.32 -39.36	17.23 1.21 -0.19	24.64 1.46 -5.94	20.51 1.55 -0.77	22.91 1.54 -3.37	22.05 1.60 -2.30	22.83 1.77 -1.23	30.15 2.26 -1.23	36.80 2.78 0.00	39.83 3.17 0.00	35.01 2.79 0.00	32.14 2.45 0.00	32.55 2.26 0.00	21.08 1.52 0.00	17.40 1.17 0.00	16.81 0.99 0.00
POMONA___ESR 323819	18.74 0.73 -0.07	16.59 0.60 0.00	18.46 0.63 0.00	18.29 0.57 0.00	16.85 0.61 0.00	15.79 0.68 0.00	22.29 1.18 0.00	21.77 1.24 0.00	-50.51 0.27 52.56	16.59 1.00 0.25	10.49 1.19 7.94	18.39 1.25 1.04	20.14 1.24 -0.90	19.43 1.28 0.00	20.45 1.41 0.78	28.75 1.83 -0.26	36.32 2.29 0.00	39.35 2.69 0.00	34.63 2.41 0.00	31.79 2.10 0.00	32.24 1.94 0.00	20.80 1.24 0.00	17.19 0.94 0.00	16.64 0.82 0.00
PORT_JEFF_3 23555	29.76 1.57 -10.25	17.32 1.34 0.00	19.20 1.37 0.00	19.05 1.33 0.00	17.81 1.40 -0.17	16.62 1.40 -0.11	95.36 2.22 -72.02	74.93 2.21 -52.18	86.96 0.50 -84.68	24.77 1.68 -7.25	25.04 1.87 -5.93	169.38 1.93 -149.28	29.11 1.86 -9.25	34.65 1.91 -14.58	31.48 2.16 -9.50	34.58 2.88 -5.04	39.54 3.36 -2.16	62.66 3.90 -22.10	44.28 3.50 -8.56	35.57 3.30 -2.58	63.64 3.15 -30.19	24.50 1.92 -3.02	18.47 1.56 -0.68	17.22 1.40 0.00
PORT_JEFF_4 23616	29.76 1.57 -10.25	17.32 1.34 0.00	19.20 1.37 0.00	19.05 1.33 0.00	17.81 1.40 -0.17	16.62 1.40 -0.11	95.36 2.22 -72.02	74.93 2.21 -52.18	86.96 0.50 -84.68	24.77 1.68 -7.25	25.04 1.87 -5.93	169.38 1.93 -149.28	29.11 1.86 -9.25	34.65 1.91 -14.58	31.48 2.16 -9.50	34.58 2.88 -5.04	39.54 3.36 -2.16	62.66 3.90 -22.10	44.28 3.50 -8.56	35.57 3.30 -2.58	63.64 3.15 -30.19	24.50 1.92 -3.02	18.47 1.56 -0.68	17.22 1.40 0.00
PORT_JEFF_IC 23713	29.77 1.58 -10.25	17.33 1.34 0.00	19.21 1.37 0.00	19.06 1.34 0.00	17.81 1.41 -0.17	16.63 1.40 -0.11	93.92 2.25 -70.56	73.39 2.24 -50.62	85.67 0.50 -83.39	24.79 1.70 -7.25	25.06 1.89 -5.93	169.41 1.95 -149.28	29.15 1.89 -9.26	34.67 1.93 -14.58	31.52 2.19 -9.50	34.63 2.93 -5.04	39.54 3.36 -2.16	62.69 3.92 -22.10	44.30 3.52 -8.56	35.57 3.31 -2.58	63.69 3.20 -30.19	24.62 1.97 -3.09	18.52 1.59 -0.69	17.24 1.42 0.00
PPL PILGRIM_ST_GT1 24216	29.80 1.61 -10.25	17.33 1.35 0.00	19.22 1.39 0.00	19.08 1.37 0.00	17.82 1.42 -0.17	16.61 1.39 -0.11	92.36 2.21 -69.03	71.68 2.16 -48.98	84.31 0.49 -82.04	24.78 1.69 -7.25	25.05 1.88 -5.93	169.43 1.95 -149.30	29.17 1.83 -9.33	34.64 1.91 -14.58	31.46 2.14 -9.50	34.53 2.83 -5.04	39.29 3.11 -2.16	62.53 3.77 -22.10	44.18 3.40 -8.56	35.49 3.22 -2.58	63.71 3.21 -30.19	25.09 2.00 -3.53	18.63 1.60 -0.79	17.24 1.42 0.00
PPL PILGRIM_ST_GT2 24217	29.80 1.61 -10.25	17.33 1.35 0.00	19.22 1.39 0.00	19.08 1.37 0.00	17.82 1.42 -0.17	16.61 1.39 -0.11	92.36 2.21 -69.03	71.68 2.16 -48.98	84.31 0.49 -82.04	24.78 1.69 -7.25	25.05 1.88 -5.93	169.43 1.95 -149.30	29.17 1.83 -9.33	34.64 1.91 -14.58	31.46 2.14 -9.50	34.53 2.83 -5.04	39.29 3.11 -2.16	62.53 3.77 -22.10	44.18 3.40 -8.56	35.49 3.22 -2.58	63.71 3.21 -30.19	25.09 2.00 -3.53	18.63 1.60 -0.79	17.24 1.42 0.00
PPL_SHRM_GT3 24213	29.83 1.63 -10.25	17.39 1.40 0.00	19.27 1.43 0.00	19.11 1.40 0.00	17.88 1.47 -0.17	16.68 1.46 -0.11	95.01 2.33 -71.57	74.53 2.30 -51.70	86.56 0.50 -84.28	24.82 1.73 -7.25	25.08 1.91 -5.93	169.35 1.89 -149.28	29.15 1.89 -9.25	34.69 1.95 -14.58	31.55 2.23 -9.50	34.70 3.00 -5.04	39.81 3.63 -2.16	63.06 4.30 -22.10	44.66 3.88 -8.56	35.89 3.62 -2.58	63.92 3.43 -30.19	24.74 2.11 -3.06	18.61 1.69 -0.69	17.34 1.52 0.00
PPL_SHRM_GT4 24214	29.83 1.63 -10.25	17.39 1.40 0.00	19.27 1.43 0.00	19.11 1.40 0.00	17.88 1.47 -0.17	16.68 1.46 -0.11	95.01 2.33 -71.57	74.53 2.30 -51.70	86.56 0.50 -84.28	24.82 1.73 -7.25	25.08 1.91 -5.93	169.35 1.89 -149.28	29.15 1.89 -9.25	34.69 1.95 -14.58	31.55 2.23 -9.50	34.70 3.00 -5.04	39.81 3.63 -2.16	63.06 4.30 -22.10	44.66 3.88 -8.56	35.89 3.62 -2.58	63.92 3.43 -30.19	24.74 2.11 -3.06	18.61 1.69 -0.69	17.34 1.52 0.00
PROJECT___ORANGE 1 24174	17.95 0.02 0.00	16.00 0.01 0.00	17.83 0.00 0.00	17.69 -0.02 0.00	16.25 0.01 0.00	15.12 0.00 0.00	21.10 -0.02 0.00	20.43 -0.10 0.00	1.70 -0.09 0.00	15.76 -0.08 0.00	17.16 -0.08 0.00	18.13 -0.05 0.00	17.99 -0.01 0.00	18.15 0.00 0.00	19.85 0.02 0.00	26.68 0.02 0.00	34.07 0.05 0.00	36.93 0.27 0.00	32.45 0.23 0.00	29.83 0.14 0.00	30.29 0.00 0.00	19.52 -0.04 0.00	16.23 -0.01 0.00	15.96 0.14 0.00
PROJECT___ORANGE 2 24166	17.95 0.02 0.00	16.00 0.01 0.00	17.83 0.00 0.00	17.69 -0.02 0.00	16.25 0.01 0.00	15.12 0.00 0.00	21.10 -0.02 0.00	20.43 -0.10 0.00	1.70 -0.09 0.00	15.76 -0.08 0.00	17.16 -0.08 0.00	18.13 -0.05 0.00	17.99 -0.01 0.00	18.15 0.00 0.00	19.85 0.02 0.00	26.68 0.02 0.00	34.07 0.05 0.00	36.93 0.27 0.00	32.45 0.23 0.00	29.83 0.14 0.00	30.29 0.00 0.00	19.52 -0.04 0.00	16.23 -0.01 0.00	15.96 0.14 0.00

PUCKETT___SOLAR 323809	18.36 0.42 0.00	16.35 0.36 0.00	18.22 0.38 0.00	18.08 0.36 0.00	16.63 0.39 0.00	15.51 0.39 0.00	21.90 0.78 0.00	21.27 0.74 0.00	1.75 -0.03 0.00	16.39 0.55 0.00	17.82 0.58 0.00	18.81 0.64 0.00	18.63 0.64 0.00	18.73 0.58 0.00	20.53 0.70 0.00	27.66 0.99 0.00	35.44 1.42 0.00	38.53 1.86 0.00	33.92 1.70 0.00	31.18 1.49 0.00	31.59 1.30 0.00	20.32 0.75 0.00	16.82 0.58 0.00	16.44 0.62 0.00
PYRITES___HYD 24023	18.25 0.31 0.00	16.25 0.27 0.00	18.10 0.27 0.00	18.01 0.30 0.00	16.45 0.21 0.00	15.34 0.23 0.00	21.51 0.39 0.00	21.03 0.49 0.00	1.84 0.06 0.00	16.10 0.26 0.00	17.43 0.19 0.00	18.37 0.19 0.00	18.15 0.15 0.00	18.28 0.13 0.00	19.91 0.08 0.00	26.80 0.14 0.00	34.21 0.18 0.00	36.46 -0.20 0.00	32.20 -0.02 0.00	29.78 0.09 0.00	30.50 0.20 0.00	19.80 0.24 0.00	16.45 0.21 0.00	15.86 0.04 0.00
QUAKERRD_115KV_BK1 80622	17.54 -0.39 0.00	15.67 -0.31 0.00	17.46 -0.37 0.00	17.28 -0.44 0.00	15.89 -0.34 0.00	14.79 -0.32 0.00	20.75 -0.37 0.00	20.05 -0.49 0.00	1.55 -0.23 0.00	15.53 -0.31 0.00	16.91 -0.33 0.00	17.89 -0.29 0.00	17.80 -0.20 0.00	17.97 -0.18 0.00	19.62 -0.21 0.00	26.45 -0.21 0.00	33.81 -0.21 0.00	36.82 0.16 0.00	32.24 0.02 0.00	29.54 -0.15 0.00	29.87 -0.43 0.00	19.23 -0.34 0.00	15.97 -0.27 0.00	15.79 -0.03 0.00
QUENSBRY_115KV_TB8 356137	18.46 0.61 0.09	16.59 0.60 0.00	18.50 0.67 0.00	18.31 0.60 0.00	16.83 0.60 0.00	15.81 0.69 0.00	22.34 1.23 0.00	21.79 1.26 0.00	16.58 0.22 -14.58	16.69 0.79 -0.07	20.23 0.79 -2.20	19.19 0.73 -0.29	17.38 0.59 1.21	18.78 0.63 0.00	20.95 0.78 -0.34	27.00 1.14 0.80	35.51 1.49 0.00	38.68 2.01 0.00	34.49 2.26 0.00	31.64 1.95 0.00	31.96 1.66 0.00	20.59 1.02 0.00	17.03 0.79 0.00	16.40 0.58 0.00
RAMAPO___LBMP 323565	18.67 0.67 -0.07	16.53 0.54 0.00	18.40 0.57 0.00	18.23 0.52 0.00	16.79 0.55 0.00	15.74 0.62 0.00	22.22 1.10 0.00	21.70 1.17 0.00	-49.65 0.26 51.69	16.53 0.94 0.24	10.55 1.12 7.80	18.33 1.18 1.02	20.04 1.16 -0.88	19.36 1.21 0.00	20.39 1.34 0.78	28.64 1.73 -0.25	36.18 2.16 0.00	39.20 2.54 0.00	34.51 2.29 0.00	31.68 1.99 0.00	32.13 1.84 0.00	20.74 1.18 0.00	17.13 0.89 0.00	16.58 0.76 0.00
RANKINE____ 23646	18.34 0.40 0.00	16.42 0.44 0.00	18.27 0.44 0.00	18.03 0.32 0.00	16.63 0.39 0.00	15.42 0.30 0.00	21.83 0.72 0.00	20.92 0.39 0.00	1.33 -0.45 0.00	16.35 0.52 0.00	17.86 0.62 0.00	18.97 0.79 0.00	18.93 0.93 0.00	19.08 0.93 0.00	20.95 1.13 0.00	28.08 1.42 0.00	35.91 1.89 0.00	39.33 2.67 0.00	33.99 1.77 0.00	31.01 1.32 0.00	31.13 0.84 0.00	20.08 0.51 0.00	16.74 0.50 0.00	16.84 1.02 0.00
RAVENSWOOD_GT2_1 24244	18.93 0.91 -0.08	16.75 0.76 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.76 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.00 1.47 0.00	41.46 0.32 -39.35	17.26 1.23 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.92 1.55 -3.37	22.10 1.62 -2.33	22.84 1.79 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.05 2.83 0.00	32.19 2.50 0.00	32.61 2.31 0.00	21.10 1.53 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT2_2 24245	18.93 0.91 -0.08	16.75 0.76 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.76 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.00 1.47 0.00	41.46 0.32 -39.35	17.26 1.23 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.92 1.55 -3.37	22.10 1.62 -2.33	22.84 1.79 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.05 2.83 0.00	32.19 2.50 0.00	32.61 2.31 0.00	21.10 1.53 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT2_3 24246	18.93 0.91 -0.08	16.75 0.77 0.00	18.65 0.81 0.00	18.46 0.74 0.00	17.01 0.77 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.01 1.48 0.00	41.46 0.33 -39.35	17.26 1.23 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.55 -3.37	22.10 1.61 -2.34	22.84 1.78 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.06 2.83 0.00	32.19 2.50 0.00	32.61 2.32 0.00	21.10 1.53 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT2_4 24247	18.93 0.91 -0.08	16.75 0.77 0.00	18.65 0.81 0.00	18.46 0.74 0.00	17.01 0.77 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.01 1.48 0.00	41.46 0.33 -39.35	17.26 1.23 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.55 -3.37	22.10 1.61 -2.34	22.84 1.78 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.06 2.83 0.00	32.19 2.50 0.00	32.61 2.32 0.00	21.10 1.53 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT3_1 24248	18.93 0.91 -0.08	16.75 0.76 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.00 1.47 0.00	41.46 0.32 -39.35	17.26 1.23 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.56 -3.37	22.10 1.62 -2.33	22.84 1.79 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.05 2.83 0.00	32.19 2.50 0.00	32.61 2.31 0.00	21.10 1.54 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT3_2 24249	18.93 0.91 -0.08	16.75 0.76 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.00 1.47 0.00	41.46 0.32 -39.35	17.26 1.23 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.56 -3.37	22.10 1.62 -2.33	22.84 1.79 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.05 2.83 0.00	32.19 2.50 0.00	32.61 2.31 0.00	21.10 1.54 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT3_3 24250	18.95 0.93 -0.08	16.77 0.79 0.00	18.67 0.84 0.00	18.48 0.77 0.00	17.02 0.79 0.00	15.98 0.86 0.00	22.55 1.44 0.00	22.04 1.50 0.00	41.46 0.32 -39.35	17.29 1.26 -0.19	24.69 1.51 -5.94	20.56 1.60 -0.77	22.96 1.59 -3.37	22.14 1.65 -2.33	22.88 1.83 -1.23	30.23 2.34 -1.23	36.91 2.88 0.00	39.93 3.27 0.00	35.11 2.89 0.00	32.25 2.56 0.00	32.67 2.37 0.00	21.13 1.57 0.00	17.45 1.21 0.00	16.86 1.04 0.00
RAVENSWOOD_GT3_4 24251	18.95 0.93 -0.08	16.77 0.79 0.00	18.67 0.84 0.00	18.48 0.77 0.00	17.02 0.79 0.00	15.98 0.86 0.00	22.55 1.44 0.00	22.04 1.50 0.00	41.46 0.32 -39.35	17.29 1.26 -0.19	24.69 1.51 -5.94	20.56 1.60 -0.77	22.96 1.59 -3.37	22.14 1.65 -2.33	22.88 1.83 -1.23	30.23 2.34 -1.23	36.91 2.88 0.00	39.93 3.27 0.00	35.11 2.89 0.00	32.25 2.56 0.00	32.67 2.37 0.00	21.13 1.57 0.00	17.45 1.21 0.00	16.86 1.04 0.00
RAVENSWOOD_GT_1 23729	19.01 0.99 -0.08	16.83 0.85 0.00	18.74 0.90 0.00	18.55 0.83 0.00	17.09 0.85 0.00	16.05 0.93 0.00	22.64 1.53 -0.01	22.11 1.57 0.00	41.50 0.36 -39.35	17.37 1.34 -0.19	26.05 1.58 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.94 1.73 -11.06	30.73 1.91 -9.00	31.47 2.46 -2.35	37.03 3.00 0.00	40.02 3.36 0.00	35.22 3.00 0.00	32.35 2.66 0.00	33.44 2.48 -0.66	21.23 1.65 -0.01	17.52 1.28 0.00	16.91 1.09 0.00



RAVENSWOOD_GT_10 24258	18.93 0.91 -0.08	16.75 0.77 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.00 1.47 0.00	41.46 0.33 -39.35	17.26 1.24 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.56 -3.37	22.10 1.62 -2.33	22.84 1.79 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.06 2.83 0.00	32.19 2.50 0.00	32.61 2.32 0.00	21.10 1.54 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT_11 24259	18.93 0.90 -0.08	16.75 0.77 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.52 1.41 0.00	22.01 1.47 0.00	41.46 0.32 -39.35	17.26 1.24 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.56 -3.37	22.10 1.61 -2.33	22.84 1.78 -1.23	30.18 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.05 2.83 0.00	32.19 2.50 0.00	32.61 2.32 0.00	21.10 1.54 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT_4 24252	18.92 0.90 -0.08	16.74 0.76 0.00	18.64 0.80 0.00	18.45 0.74 0.00	16.99 0.76 0.00	15.95 0.83 0.00	22.51 1.39 0.00	22.00 1.46 0.00	41.45 0.32 -39.35	17.25 1.23 -0.19	24.64 1.46 -5.94	20.51 1.55 -0.77	22.91 1.54 -3.37	22.09 1.60 -2.33	22.83 1.77 -1.23	30.16 2.27 -1.23	36.83 2.80 0.00	39.85 3.19 0.00	35.04 2.82 0.00	32.17 2.49 0.00	32.59 2.29 0.00	21.09 1.52 0.00	17.41 1.18 0.00	16.82 1.00 0.00
RAVENSWOOD_GT_5 24254	18.92 0.90 -0.08	16.74 0.76 0.00	18.64 0.80 0.00	18.45 0.74 0.00	16.99 0.76 0.00	15.95 0.83 0.00	22.51 1.39 0.00	22.00 1.46 0.00	41.45 0.32 -39.35	17.25 1.23 -0.19	24.64 1.46 -5.94	20.51 1.55 -0.77	22.91 1.54 -3.37	22.09 1.60 -2.33	22.83 1.77 -1.23	30.16 2.27 -1.23	36.83 2.80 0.00	39.85 3.19 0.00	35.04 2.82 0.00	32.17 2.49 0.00	32.59 2.29 0.00	21.09 1.52 0.00	17.41 1.18 0.00	16.82 1.00 0.00
RAVENSWOOD_GT_6 24253	18.92 0.90 -0.08	16.74 0.76 0.00	18.64 0.80 0.00	18.45 0.74 0.00	16.99 0.76 0.00	15.95 0.83 0.00	22.51 1.39 0.00	22.00 1.46 0.00	41.45 0.32 -39.35	17.25 1.23 -0.19	24.64 1.46 -5.94	20.51 1.55 -0.77	22.91 1.54 -3.37	22.09 1.60 -2.33	22.83 1.77 -1.23	30.16 2.27 -1.23	36.83 2.80 0.00	39.85 3.19 0.00	35.04 2.82 0.00	32.17 2.49 0.00	32.59 2.29 0.00	21.09 1.52 0.00	17.41 1.18 0.00	16.82 1.00 0.00
RAVENSWOOD_GT_7 24255	18.92 0.90 -0.08	16.74 0.76 0.00	18.64 0.80 0.00	18.45 0.74 0.00	16.99 0.76 0.00	15.95 0.83 0.00	22.51 1.39 0.00	22.00 1.46 0.00	41.45 0.32 -39.35	17.25 1.23 -0.19	24.64 1.46 -5.94	20.51 1.55 -0.77	22.91 1.54 -3.37	22.09 1.60 -2.33	22.83 1.77 -1.23	30.16 2.27 -1.23	36.83 2.80 0.00	39.85 3.19 0.00	35.04 2.82 0.00	32.17 2.49 0.00	32.59 2.29 0.00	21.09 1.52 0.00	17.41 1.18 0.00	16.82 1.00 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.93 0.91 -0.08	16.75 0.77 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.00 1.47 0.00	41.46 0.33 -39.35	17.26 1.24 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.56 -3.37	22.10 1.62 -2.33	22.84 1.79 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.06 2.83 0.00	32.19 2.50 0.00	32.61 2.32 0.00	21.10 1.54 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD_GT_9 24257	18.93 0.91 -0.08	16.75 0.77 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.53 1.41 0.00	22.00 1.47 0.00	41.46 0.33 -39.35	17.26 1.24 -0.19	24.66 1.48 -5.94	20.52 1.57 -0.77	22.93 1.56 -3.37	22.10 1.62 -2.33	22.84 1.79 -1.23	30.17 2.29 -1.23	36.84 2.81 0.00	39.86 3.20 0.00	35.06 2.83 0.00	32.19 2.50 0.00	32.61 2.32 0.00	21.10 1.54 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD___1 23533	18.97 0.95 -0.08	16.80 0.81 0.00	18.70 0.86 0.00	18.51 0.79 0.00	17.06 0.82 0.00	16.01 0.89 0.00	22.62 1.50 -0.01	22.09 1.56 0.00	41.50 0.36 -39.35	17.34 1.32 -0.19	26.03 1.56 -7.23	32.19 1.66 -12.35	30.39 1.65 -10.73	30.92 1.71 -11.06	30.71 1.88 -9.00	31.44 2.43 -2.35	37.00 2.97 0.00	40.00 3.34 0.00	35.20 2.97 0.00	32.33 2.64 0.00	33.42 2.46 -0.66	21.21 1.63 -0.01	17.50 1.26 0.00	16.90 1.08 0.00
RAVENSWOOD___2 23534	18.93 0.91 -0.08	16.78 0.79 0.00	18.67 0.84 0.00	18.48 0.77 0.00	17.03 0.79 0.00	15.99 0.87 0.00	22.57 1.45 -0.01	22.03 1.50 0.00	41.52 0.38 -39.35	17.22 1.19 -0.19	25.97 1.50 -7.23	32.14 1.61 -12.35	30.34 1.61 -10.73	30.87 1.66 -11.06	30.66 1.83 -9.00	31.38 2.36 -2.35	36.91 2.88 0.00	39.88 3.22 0.00	35.11 2.89 0.00	32.25 2.56 0.00	33.34 2.39 -0.66	21.16 1.58 -0.01	17.46 1.22 0.00	16.86 1.04 0.00
RAVENSWOOD___3 23535	18.92 0.90 -0.08	16.75 0.76 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.52 1.41 0.00	22.00 1.47 0.00	41.45 0.32 -39.35	17.25 1.23 -0.19	24.65 1.47 -5.94	20.52 1.56 -0.77	22.92 1.56 -3.37	22.09 1.60 -2.33	22.83 1.77 -1.23	30.16 2.28 -1.23	36.83 2.81 0.00	39.86 3.20 0.00	35.05 2.82 0.00	32.18 2.50 0.00	32.60 2.31 0.00	21.09 1.53 0.00	17.42 1.18 0.00	16.83 1.01 0.00
RAVENSWOOD___4 23820	18.97 0.95 -0.08	16.80 0.81 0.00	18.70 0.86 0.00	18.51 0.79 0.00	17.06 0.82 0.00	16.01 0.89 0.00	22.60 1.48 -0.01	22.08 1.54 0.00	41.49 0.36 -39.35	17.32 1.29 -0.19	26.02 1.54 -7.23	32.17 1.64 -12.35	30.37 1.63 -10.73	30.90 1.69 -11.06	30.69 1.86 -9.00	31.42 2.41 -2.35	36.97 2.94 0.00	39.97 3.30 0.00	35.17 2.95 0.00	32.31 2.62 0.00	33.40 2.44 -0.66	21.19 1.61 -0.01	17.48 1.24 0.00	16.89 1.06 0.00
RCPL_TRUST___DRP 24196	18.92 0.90 -0.08	16.73 0.75 0.00	18.63 0.80 0.00	18.45 0.74 0.00	16.99 0.76 0.00	15.95 0.84 0.00	22.53 1.41 0.00	22.01 1.48 0.00	41.47 0.33 -39.36	17.28 1.26 -0.19	24.69 1.51 -5.94	20.56 1.60 -0.77	22.95 1.59 -3.36	22.07 1.65 -2.26	22.88 1.83 -1.23	30.23 2.35 -1.23	36.93 2.91 0.00	39.97 3.31 0.00	35.10 2.88 0.00	32.21 2.52 0.00	32.63 2.33 0.00	21.12 1.55 0.00	17.44 1.20 0.00	16.84 1.02 0.00
RED___ROCHESTER 323720	18.11 0.17 0.00	16.18 0.20 0.00	18.02 0.18 0.00	17.82 0.10 0.00	16.39 0.15 0.00	15.26 0.14 0.00	21.47 0.36 0.00	20.72 0.18 0.00	1.55 -0.23 0.00	16.07 0.23 0.00	17.51 0.27 0.00	18.55 0.37 0.00	18.47 0.47 0.00	18.68 0.53 0.00	20.41 0.58 0.00	27.49 0.82 0.00	35.16 1.14 0.00	38.39 1.73 0.00	33.55 1.33 0.00	30.70 1.02 0.00	30.99 0.69 0.00	19.92 0.36 0.00	16.55 0.31 0.00	16.40 0.58 0.00
REGAN___SOLAR 323812	19.73 1.87 0.07	17.62 1.63 0.00	19.62 1.79 0.00	19.48 1.76 0.00	17.91 1.67 0.00	16.80 1.68 0.00	23.85 2.74 0.00	23.20 2.67 0.00	15.91 -0.10 -14.23	17.05 1.15 -0.07	20.00 0.61 -2.15	19.02 0.56 -0.28	17.45 0.36 0.91	18.49 0.33 0.00	20.36 0.19 -0.35	26.44 0.42 0.64	35.42 1.40 0.00	39.62 2.96 0.00	35.37 3.15 0.00	32.45 2.76 0.00	32.75 2.46 0.00	21.08 1.52 0.00	17.43 1.19 0.00	16.95 1.13 0.00

RENSSELAER___COGEN 23796	18.13 0.28 0.08	16.25 0.26 0.00	18.16 0.33 0.00	18.01 0.29 0.00	16.53 0.30 0.00	15.32 0.21 0.00	21.48 0.37 0.00	20.95 0.41 0.00	16.84 0.07 -14.99	16.17 0.26 -0.07	19.79 0.29 -2.26	18.74 0.27 -0.30	17.24 0.27 1.03	18.44 0.28 0.00	20.51 0.32 -0.36	26.39 0.45 0.71	34.54 0.51 0.00	37.45 0.79 0.00	33.13 0.90 0.00	30.46 0.78 0.00	30.93 0.64 0.00	19.97 0.40 0.00	16.53 0.29 0.00	16.02 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.41 0.56 0.09	16.63 0.64 0.00	18.55 0.71 0.00	18.31 0.59 0.00	16.85 0.61 0.00	15.98 0.86 0.00	22.74 1.62 0.00	22.17 1.63 0.00	16.68 0.30 -14.60	16.74 0.84 -0.07	20.21 0.77 -2.21	19.07 0.61 -0.29	17.30 0.52 1.22	18.74 0.59 0.00	21.05 0.88 -0.34	27.18 1.33 0.81	36.11 2.09 0.00	39.34 2.68 0.00	35.07 2.85 0.00	32.02 2.34 0.00	31.85 1.56 0.00	20.59 1.03 0.00	17.16 0.92 0.00	16.42 0.60 0.00
REVERE_CPPR_DRP 24186	18.52 0.58 0.00	16.48 0.50 0.00	18.38 0.55 0.00	18.26 0.54 0.00	16.77 0.53 0.00	15.67 0.55 0.00	22.06 0.95 0.00	21.45 0.92 0.00	1.84 0.06 0.00	16.48 0.64 0.00	17.93 0.69 0.00	18.91 0.73 0.00	18.66 0.66 0.00	18.75 0.59 0.00	20.50 0.68 0.00	27.60 0.94 0.00	35.37 1.35 0.00	38.55 1.88 0.00	34.09 1.87 0.00	31.39 1.70 0.00	31.80 1.50 0.00	20.46 0.89 0.00	16.92 0.67 0.00	16.45 0.63 0.00
REYNOLDS_115KV_TB3 80639	18.18 0.33 0.10	16.31 0.32 0.00	18.24 0.40 0.00	18.08 0.36 0.00	16.60 0.36 0.00	15.42 0.30 0.00	21.62 0.51 0.00	21.08 0.55 0.00	17.20 0.11 -15.31	16.28 0.37 -0.07	19.94 0.39 -2.31	18.86 0.38 -0.30	17.09 0.38 1.30	18.56 0.40 0.00	20.66 0.47 -0.36	26.43 0.62 0.86	34.73 0.71 0.00	37.67 1.01 0.00	33.35 1.12 0.00	30.66 0.97 0.00	31.12 0.82 0.00	20.09 0.53 0.00	16.64 0.40 0.00	16.11 0.29 0.00
RIVERBAY____ 323610	18.89 0.87 -0.08	16.74 0.75 0.00	18.65 0.82 0.00	18.46 0.74 0.00	17.01 0.77 0.00	15.95 0.84 0.00	22.49 1.38 0.00	21.96 1.43 0.00	41.49 0.35 -39.35	17.29 1.28 -0.17	24.63 1.46 -5.94	20.49 1.53 -0.78	22.89 1.52 -3.37	22.05 1.58 -2.32	22.79 1.74 -1.22	30.12 2.23 -1.22	36.80 2.78 0.00	39.83 3.16 0.00	35.11 2.89 0.00	32.30 2.61 0.00	33.38 2.42 -0.66	21.07 1.51 0.00	17.39 1.16 0.00	16.81 0.99 0.00
RIVERSDE_115KV_TB3 55908	18.18 0.33 0.09	16.30 0.31 0.00	18.22 0.38 0.00	18.06 0.34 0.00	16.58 0.34 0.00	15.38 0.26 0.00	21.57 0.46 0.00	21.03 0.50 0.00	17.00 0.09 -15.13	16.25 0.34 -0.07	19.89 0.36 -2.28	18.84 0.36 -0.30	17.18 0.35 1.18	18.53 0.38 0.00	20.62 0.43 -0.36	26.46 0.59 0.79	34.70 0.68 0.00	37.64 0.98 0.00	33.29 1.07 0.00	30.61 0.92 0.00	31.07 0.77 0.00	20.06 0.49 0.00	16.61 0.37 0.00	16.08 0.26 0.00
ROARING___BROOK_WT_PWR 323790	17.89 -0.04 0.00	15.98 0.00 0.00	17.85 0.02 0.00	17.72 0.01 0.00	16.26 0.03 0.00	15.15 0.03 0.00	21.18 0.07 0.00	20.60 0.06 0.00	1.79 0.01 0.00	15.88 0.05 0.00	17.29 0.05 0.00	18.23 0.06 0.00	18.05 0.05 0.00	18.21 0.05 0.00	19.89 0.06 0.00	26.74 0.08 0.00	34.13 0.10 0.00	36.88 0.21 0.00	32.45 0.23 0.00	29.86 0.18 0.00	30.28 -0.02 0.00	19.51 -0.05 0.00	16.14 -0.11 0.00	15.58 -0.24 0.00
ROCHESRG_115KV_T4 355643	17.95 0.01 0.00	16.04 0.06 0.00	17.87 0.04 0.00	17.67 -0.05 0.00	16.25 0.02 0.00	15.12 0.00 0.00	21.25 0.13 0.00	20.49 -0.04 0.00	1.55 -0.23 0.00	15.90 0.06 0.00	17.32 0.08 0.00	18.34 0.16 0.00	18.26 0.26 0.00	18.44 0.28 0.00	20.14 0.32 0.00	27.12 0.46 0.00	34.69 0.67 0.00	37.82 1.16 0.00	33.06 0.83 0.00	30.27 0.58 0.00	30.57 0.27 0.00	19.67 0.11 0.00	16.36 0.11 0.00	16.22 0.40 0.00
ROCHESTER_9_IC 23652	18.04 0.10 0.00	16.12 0.14 0.00	17.96 0.12 0.00	17.75 0.04 0.00	16.33 0.09 0.00	15.20 0.08 0.00	21.38 0.26 0.00	20.62 0.08 0.00	1.56 -0.22 0.00	16.00 0.16 0.00	17.43 0.19 0.00	18.46 0.28 0.00	18.38 0.38 0.00	18.56 0.41 0.00	20.28 0.45 0.00	27.33 0.67 0.00	34.95 0.93 0.00	38.14 1.48 0.00	33.33 1.11 0.00	30.51 0.82 0.00	30.79 0.50 0.00	19.81 0.25 0.00	16.46 0.22 0.00	16.32 0.50 0.00
ROCKVIEW_13_KV_LD 356306	18.89 0.87 -0.08	16.72 0.74 0.00	18.62 0.79 0.00	18.44 0.72 0.00	16.98 0.74 0.00	15.93 0.81 0.00	22.47 1.35 0.00	21.96 1.43 0.00	41.46 0.30 -39.38	17.19 1.17 -0.19	24.58 1.39 -5.95	20.42 1.46 -0.78	22.44 1.44 -2.99	19.67 1.51 -0.01	22.72 1.67 -1.23	30.04 2.15 -1.23	36.69 2.67 0.00	39.74 3.08 0.00	34.97 2.75 0.00	32.11 2.42 0.00	32.53 2.24 0.00	21.03 1.46 0.00	17.36 1.12 0.00	16.78 0.96 0.00
ROME_____115KV_TB2 80656	18.52 0.58 0.00	16.48 0.50 0.00	18.38 0.55 0.00	18.26 0.54 0.00	16.77 0.53 0.00	15.67 0.55 0.00	22.06 0.95 0.00	21.45 0.92 0.00	1.84 0.06 0.00	16.48 0.64 0.00	17.93 0.69 0.00	18.91 0.73 0.00	18.66 0.66 0.00	18.75 0.59 0.00	20.50 0.68 0.00	27.60 0.94 0.00	35.37 1.35 0.00	38.55 1.88 0.00	34.09 1.87 0.00	31.39 1.70 0.00	31.80 1.50 0.00	20.46 0.89 0.00	16.92 0.67 0.00	16.45 0.63 0.00
ROSETON___1 23587	18.58 0.60 -0.05	16.48 0.50 0.00	18.37 0.54 0.00	18.21 0.50 0.00	16.75 0.52 0.00	15.67 0.56 0.00	22.06 0.94 0.00	21.37 0.83 0.00	18.38 0.18 -16.41	16.62 0.70 -0.08	20.46 0.75 -2.48	19.27 0.77 -0.32	19.85 0.74 -1.11	18.93 0.77 0.00	21.22 0.86 -0.53	28.19 1.13 -0.40	35.38 1.35 0.00	38.35 1.69 0.00	33.82 1.59 0.00	31.09 1.41 0.00	31.58 1.29 0.00	20.39 0.83 0.00	16.88 0.64 0.00	16.36 0.54 0.00
ROSETON___2 23588	18.58 0.60 -0.05	16.48 0.50 0.00	18.37 0.54 0.00	18.21 0.50 0.00	16.75 0.52 0.00	15.67 0.56 0.00	22.06 0.94 0.00	21.37 0.83 0.00	18.38 0.18 -16.41	16.62 0.70 -0.08	20.46 0.75 -2.48	19.27 0.77 -0.32	19.85 0.74 -1.11	18.93 0.77 0.00	21.22 0.86 -0.53	28.19 1.13 -0.40	35.38 1.35 0.00	38.35 1.69 0.00	33.82 1.59 0.00	31.09 1.41 0.00	31.58 1.29 0.00	20.39 0.83 0.00	16.88 0.64 0.00	16.36 0.54 0.00
ROTTTRDAM_115KV_TB3 80664	18.41 0.54 0.07	16.48 0.49 0.00	18.40 0.57 0.00	18.25 0.53 0.00	16.76 0.52 0.00	15.64 0.52 0.00	21.94 0.83 0.00	21.38 0.84 0.00	16.15 0.14 -14.23	16.50 0.60 -0.07	20.04 0.65 -2.15	19.11 0.65 -0.28	17.71 0.62 0.91	18.79 0.64 0.00	20.90 0.72 -0.35	26.99 0.97 0.64	35.25 1.22 0.00	38.22 1.56 0.00	33.79 1.56 0.00	31.07 1.38 0.00	31.56 1.26 0.00	20.36 0.80 0.00	16.86 0.62 0.00	16.34 0.52 0.00
RUSSELL___1 23602	18.11 0.18 0.00	16.18 0.20 0.00	18.02 0.18 0.00	17.81 0.10 0.00	16.39 0.15 0.00	15.26 0.14 0.00	21.46 0.35 0.00	20.72 0.18 0.00	1.56 -0.22 0.00	16.06 0.22 0.00	17.51 0.27 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.67 0.52 0.00	20.38 0.55 0.00	27.48 0.82 0.00	35.17 1.14 0.00	38.39 1.73 0.00	33.55 1.33 0.00	30.71 1.02 0.00	30.99 0.70 0.00	19.92 0.36 0.00	16.55 0.31 0.00	16.40 0.58 0.00

RUSSELL___2 23532	18.11 0.18 0.00	16.18 0.20 0.00	18.02 0.18 0.00	17.81 0.10 0.00	16.39 0.15 0.00	15.26 0.14 0.00	21.46 0.35 0.00	20.72 0.18 0.00	1.56 -0.22 0.00	16.06 0.22 0.00	17.51 0.27 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.67 0.52 0.00	20.38 0.55 0.00	27.48 0.82 0.00	35.17 1.14 0.00	38.39 1.73 0.00	33.55 1.33 0.00	30.71 1.02 0.00	30.99 0.70 0.00	19.92 0.36 0.00	16.55 0.31 0.00	16.40 0.58 0.00
RUSSELL___3 23549	18.11 0.18 0.00	16.18 0.20 0.00	18.02 0.18 0.00	17.81 0.10 0.00	16.39 0.15 0.00	15.26 0.14 0.00	21.46 0.35 0.00	20.72 0.18 0.00	1.56 -0.22 0.00	16.06 0.22 0.00	17.51 0.27 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.67 0.52 0.00	20.38 0.55 0.00	27.48 0.82 0.00	35.17 1.14 0.00	38.39 1.73 0.00	33.55 1.33 0.00	30.71 1.02 0.00	30.99 0.70 0.00	19.92 0.36 0.00	16.55 0.31 0.00	16.40 0.58 0.00
RUSSELL___4 23556	18.11 0.18 0.00	16.18 0.20 0.00	18.02 0.18 0.00	17.81 0.10 0.00	16.39 0.15 0.00	15.26 0.14 0.00	21.46 0.35 0.00	20.72 0.18 0.00	1.56 -0.22 0.00	16.06 0.22 0.00	17.51 0.27 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.67 0.52 0.00	20.38 0.55 0.00	27.48 0.82 0.00	35.17 1.14 0.00	38.39 1.73 0.00	33.55 1.33 0.00	30.71 1.02 0.00	30.99 0.70 0.00	19.92 0.36 0.00	16.55 0.31 0.00	16.40 0.58 0.00
RUSSELL___STATION 23914	18.11 0.18 0.00	16.18 0.20 0.00	18.02 0.18 0.00	17.81 0.10 0.00	16.39 0.15 0.00	15.26 0.14 0.00	21.46 0.35 0.00	20.72 0.18 0.00	1.56 -0.22 0.00	16.06 0.22 0.00	17.51 0.27 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.67 0.52 0.00	20.38 0.55 0.00	27.48 0.82 0.00	35.17 1.14 0.00	38.39 1.73 0.00	33.55 1.33 0.00	30.71 1.02 0.00	30.99 0.70 0.00	19.92 0.36 0.00	16.55 0.31 0.00	16.40 0.58 0.00
S SALMON___HYD 24043	18.33 0.39 0.00	16.30 0.32 0.00	18.18 0.34 0.00	18.05 0.33 0.00	16.58 0.35 0.00	15.47 0.35 0.00	21.67 0.56 0.00	21.02 0.48 0.00	1.77 -0.02 0.00	16.06 0.22 0.00	17.43 0.19 0.00	18.40 0.22 0.00	18.24 0.24 0.00	18.39 0.23 0.00	20.02 0.19 0.00	26.82 0.16 0.00	34.25 0.22 0.00	37.42 0.75 0.00	33.12 0.89 0.00	30.57 0.88 0.00	31.01 0.72 0.00	20.02 0.45 0.00	16.58 0.34 0.00	16.19 0.37 0.00
S.PERRY___115KV_TB1 80734	18.61 0.68 0.00	16.63 0.64 0.00	18.50 0.67 0.00	18.28 0.57 0.00	16.84 0.60 0.00	15.70 0.58 0.00	22.26 1.15 0.00	21.56 1.03 0.00	1.58 -0.21 0.00	16.50 0.67 0.00	17.88 0.64 0.00	18.90 0.72 0.00	18.70 0.70 0.00	18.63 0.47 0.00	20.12 0.30 0.00	27.12 0.46 0.00	34.81 0.78 0.00	38.04 1.38 0.00	33.62 1.40 0.00	31.00 1.31 0.00	31.25 0.95 0.00	20.04 0.47 0.00	16.95 0.71 0.00	16.98 1.16 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.13 0.19 0.00	16.24 0.26 0.00	18.09 0.25 0.00	17.84 0.13 0.00	16.44 0.20 0.00	15.24 0.12 0.00	21.53 0.42 0.00	20.60 0.06 0.00	1.30 -0.48 0.00	16.11 0.28 0.00	17.58 0.34 0.00	18.68 0.50 0.00	18.64 0.64 0.00	18.78 0.63 0.00	20.62 0.79 0.00	27.63 0.97 0.00	35.31 1.29 0.00	38.69 2.03 0.00	33.44 1.22 0.00	30.51 0.82 0.00	30.63 0.33 0.00	19.77 0.21 0.00	16.51 0.27 0.00	16.66 0.84 0.00
SAWYER___23_KV_LOAD 55526	18.13 0.19 0.00	16.24 0.26 0.00	18.09 0.25 0.00	17.84 0.13 0.00	16.44 0.20 0.00	15.24 0.12 0.00	21.53 0.42 0.00	20.60 0.06 0.00	1.30 -0.48 0.00	16.11 0.28 0.00	17.58 0.34 0.00	18.68 0.50 0.00	18.64 0.64 0.00	18.78 0.63 0.00	20.62 0.79 0.00	27.63 0.97 0.00	35.31 1.29 0.00	38.69 2.03 0.00	33.44 1.22 0.00	30.51 0.82 0.00	30.63 0.33 0.00	19.77 0.21 0.00	16.51 0.27 0.00	16.66 0.84 0.00
SELKIRK___I 23801	18.33 0.45 0.05	16.41 0.43 0.00	18.36 0.52 0.00	18.21 0.50 0.00	16.72 0.48 0.00	15.52 0.40 0.00	21.74 0.63 0.00	21.17 0.64 0.00	15.87 0.10 -13.98	16.32 0.41 -0.07	19.80 0.45 -2.11	18.88 0.43 -0.28	17.89 0.42 0.53	18.57 0.41 0.00	20.66 0.46 -0.37	26.86 0.64 0.44	34.80 0.77 0.00	37.72 1.06 0.00	33.37 1.15 0.00	30.70 1.01 0.00	31.19 0.90 0.00	20.14 0.57 0.00	16.68 0.44 0.00	16.17 0.36 0.00
SELKIRK___II 23799	18.22 0.34 0.06	16.30 0.31 0.00	18.22 0.38 0.00	18.08 0.36 0.00	16.59 0.35 0.00	15.41 0.30 0.00	21.60 0.49 0.00	21.05 0.52 0.00	16.49 0.10 -14.61	16.26 0.35 -0.07	19.84 0.39 -2.21	18.85 0.39 -0.29	17.70 0.38 0.68	18.54 0.39 0.00	20.64 0.44 -0.37	26.73 0.60 0.52	34.73 0.70 0.00	37.63 0.96 0.00	33.26 1.03 0.00	30.60 0.91 0.00	31.08 0.78 0.00	20.06 0.50 0.00	16.61 0.38 0.00	16.11 0.29 0.00
SENECA OSWGO___HYD 24041	18.31 0.37 0.00	16.30 0.31 0.00	18.17 0.34 0.00	18.03 0.31 0.00	16.55 0.32 0.00	15.43 0.31 0.00	21.58 0.47 0.00	20.92 0.39 0.00	1.74 -0.04 0.00	16.09 0.25 0.00	17.50 0.27 0.00	18.47 0.30 0.00	18.34 0.34 0.00	18.50 0.35 0.00	20.14 0.31 0.00	27.01 0.34 0.00	34.50 0.47 0.00	37.52 0.86 0.00	33.06 0.84 0.00	30.42 0.73 0.00	30.89 0.59 0.00	19.96 0.40 0.00	16.59 0.35 0.00	16.27 0.45 0.00
SENECA___115KV_TB3 355854	18.37 0.43 0.00	16.45 0.46 0.00	18.29 0.46 0.00	18.06 0.34 0.00	16.64 0.41 0.00	15.44 0.32 0.00	21.86 0.74 0.00	20.95 0.42 0.00	1.33 -0.45 0.00	16.38 0.54 0.00	17.89 0.65 0.00	19.00 0.83 0.00	18.96 0.96 0.00	19.12 0.96 0.00	20.99 1.17 0.00	28.14 1.47 0.00	35.98 1.96 0.00	39.40 2.74 0.00	34.05 1.83 0.00	31.06 1.37 0.00	31.19 0.90 0.00	20.11 0.54 0.00	16.77 0.53 0.00	16.86 1.04 0.00
SENECA___ENERGY 23797	17.98 0.05 0.00	16.05 0.07 0.00	17.85 0.01 0.00	17.69 -0.03 0.00	16.29 0.05 0.00	15.18 0.06 0.00	21.32 0.21 0.00	20.69 0.15 0.00	1.66 -0.12 0.00	15.93 0.10 0.00	17.34 0.10 0.00	18.33 0.16 0.00	18.19 0.19 0.00	18.38 0.23 0.00	20.13 0.30 0.00	27.04 0.38 0.00	34.55 0.53 0.00	37.62 0.96 0.00	33.05 0.82 0.00	30.35 0.66 0.00	30.70 0.41 0.00	19.79 0.22 0.00	16.40 0.16 0.00	16.11 0.29 0.00
SHOEMAKER___GT 23640	18.60 0.60 -0.05	16.49 0.51 0.00	18.38 0.54 0.00	18.22 0.50 0.00	16.76 0.52 0.00	15.67 0.55 0.00	22.07 0.96 0.00	21.55 1.01 0.00	-37.97 0.21 39.96	16.43 0.79 0.19	12.12 0.92 6.03	18.34 0.95 0.79	17.99 0.94 0.95	19.13 0.98 0.01	19.50 1.11 1.43	28.37 1.47 -0.24	35.89 1.87 0.00	38.89 2.23 0.00	34.25 2.03 0.00	31.48 1.79 0.00	31.96 1.66 0.00	20.61 1.05 0.00	17.04 0.80 0.00	16.52 0.70 0.00
SHOEMAKR_138KV_BK 111 55601	18.59 0.60 -0.05	16.48 0.50 0.00	18.37 0.53 0.00	18.21 0.50 0.00	16.75 0.51 0.00	15.67 0.55 0.00	22.07 0.96 0.00	21.55 1.01 0.00	-37.03 0.22 39.03	16.44 0.79 0.18	12.28 0.93 5.89	18.37 0.97 0.77	17.45 0.95 1.51	19.14 1.00 0.01	19.27 1.12 1.68	28.38 1.48 -0.24	35.89 1.87 0.00	38.89 2.23 0.00	34.25 2.03 0.00	31.47 1.78 0.00	31.94 1.65 0.00	20.61 1.04 0.00	17.03 0.79 0.00	16.51 0.69 0.00

SHOREHAM_IC_1 23715	29.83 1.63 -10.25	17.39 1.40 0.00	19.27 1.43 0.00	19.11 1.40 0.00	17.88 1.47 -0.17	16.68 1.46 -0.11	95.01 2.33 -71.57	74.53 2.30 -51.70	86.56 0.50 -84.28	24.82 1.73 -7.25	25.08 1.91 -5.93	169.35 1.89 -149.28	29.15 1.89 -9.25	34.69 1.95 -14.58	31.55 2.23 -9.50	34.70 3.00 -5.04	39.81 3.63 -2.16	63.06 4.30 -22.10	44.66 3.88 -8.56	35.89 3.62 -2.58	63.92 3.43 -30.19	24.74 2.11 -3.06	18.61 1.69 -0.69	17.34 1.52 0.00
SHOREHAM_IC_2 23716	29.83 1.63 -10.25	17.39 1.40 0.00	19.27 1.43 0.00	19.11 1.40 0.00	17.88 1.47 -0.17	16.68 1.46 -0.11	95.01 2.33 -71.57	74.53 2.30 -51.70	86.56 0.50 -84.28	24.82 1.73 -7.25	25.08 1.91 -5.93	169.35 1.89 -149.28	29.15 1.89 -9.25	34.69 1.95 -14.58	31.55 2.23 -9.50	34.70 3.00 -5.04	39.81 3.63 -2.16	63.06 4.30 -22.10	44.66 3.88 -8.56	35.89 3.62 -2.58	63.92 3.43 -30.19	24.74 2.11 -3.06	18.61 1.69 -0.69	17.34 1.52 0.00
SISSONVILLE____ 23735	18.04 0.11 0.00	16.06 0.08 0.00	17.90 0.06 0.00	17.81 0.09 0.00	16.27 0.03 0.00	15.16 0.04 0.00	21.22 0.10 0.00	20.72 0.18 0.00	1.80 0.02 0.00	15.91 0.08 0.00	17.25 0.01 0.00	18.18 0.00 0.00	17.97 -0.03 0.00	18.09 -0.06 0.00	19.72 -0.11 0.00	26.55 -0.11 0.00	33.85 -0.17 0.00	35.96 -0.70 0.00	31.67 -0.56 0.00	29.26 -0.43 0.00	29.93 -0.37 0.00	19.49 -0.08 0.00	16.22 -0.02 0.00	15.64 -0.18 0.00
SITHE_IND_GS1 24169	17.59 -0.35 0.00	15.68 -0.30 0.00	17.48 -0.35 0.00	17.35 -0.36 0.00	15.93 -0.31 0.00	14.80 -0.31 0.00	20.60 -0.51 0.00	19.95 -0.59 0.00	1.66 -0.12 0.00	15.39 -0.44 0.00	16.74 -0.50 0.00	17.67 -0.51 0.00	17.52 -0.48 0.00	17.67 -0.48 0.00	19.32 -0.50 0.00	25.97 -0.69 0.00	33.12 -0.90 0.00	35.85 -0.82 0.00	31.50 -0.72 0.00	28.99 -0.70 0.00	29.49 -0.81 0.00	19.03 -0.54 0.00	15.83 -0.41 0.00	15.57 -0.24 0.00
SITHE_IND_GS2 24170	17.59 -0.35 0.00	15.68 -0.30 0.00	17.48 -0.35 0.00	17.35 -0.36 0.00	15.93 -0.31 0.00	14.80 -0.31 0.00	20.60 -0.51 0.00	19.95 -0.59 0.00	1.66 -0.12 0.00	15.39 -0.44 0.00	16.74 -0.50 0.00	17.67 -0.51 0.00	17.52 -0.48 0.00	17.67 -0.48 0.00	19.32 -0.50 0.00	25.97 -0.69 0.00	33.12 -0.90 0.00	35.85 -0.82 0.00	31.50 -0.72 0.00	28.99 -0.70 0.00	29.49 -0.81 0.00	19.03 -0.54 0.00	15.83 -0.41 0.00	15.57 -0.24 0.00
SITHE_IND_GS3 24171	17.59 -0.35 0.00	15.68 -0.30 0.00	17.48 -0.35 0.00	17.35 -0.36 0.00	15.93 -0.31 0.00	14.80 -0.31 0.00	20.60 -0.51 0.00	19.95 -0.59 0.00	1.66 -0.12 0.00	15.39 -0.44 0.00	16.74 -0.50 0.00	17.67 -0.51 0.00	17.52 -0.48 0.00	17.67 -0.48 0.00	19.32 -0.50 0.00	25.97 -0.69 0.00	33.12 -0.90 0.00	35.85 -0.82 0.00	31.50 -0.72 0.00	28.99 -0.70 0.00	29.49 -0.81 0.00	19.03 -0.54 0.00	15.83 -0.41 0.00	15.57 -0.24 0.00
SITHE_IND_GS4 24172	17.59 -0.35 0.00	15.68 -0.30 0.00	17.48 -0.35 0.00	17.35 -0.36 0.00	15.93 -0.31 0.00	14.80 -0.31 0.00	20.60 -0.51 0.00	19.95 -0.59 0.00	1.66 -0.12 0.00	15.39 -0.44 0.00	16.74 -0.50 0.00	17.67 -0.51 0.00	17.52 -0.48 0.00	17.67 -0.48 0.00	19.32 -0.50 0.00	25.97 -0.69 0.00	33.12 -0.90 0.00	35.85 -0.82 0.00	31.50 -0.72 0.00	28.99 -0.70 0.00	29.49 -0.81 0.00	19.03 -0.54 0.00	15.83 -0.41 0.00	15.57 -0.24 0.00
SITHE____BATAVIA 24024	18.36 0.42 0.00	16.44 0.45 0.00	18.30 0.46 0.00	18.06 0.34 0.00	16.64 0.40 0.00	15.47 0.35 0.00	21.85 0.74 0.00	21.01 0.48 0.00	1.40 -0.38 0.00	16.37 0.54 0.00	17.76 0.52 0.00	18.83 0.66 0.00	18.77 0.77 0.00	19.03 0.88 0.00	21.16 1.33 0.00	28.01 1.35 0.00	35.81 1.78 0.00	39.38 2.72 0.00	34.30 2.08 0.00	31.37 1.68 0.00	31.52 1.23 0.00	20.30 0.73 0.00	16.89 0.65 0.00	16.92 1.10 0.00
SITHE____INDEPEND 23800	17.59 -0.35 0.00	15.68 -0.30 0.00	17.48 -0.35 0.00	17.35 -0.36 0.00	15.93 -0.31 0.00	14.80 -0.31 0.00	20.60 -0.51 0.00	19.95 -0.59 0.00	1.66 -0.12 0.00	15.39 -0.44 0.00	16.74 -0.50 0.00	17.67 -0.51 0.00	17.52 -0.48 0.00	17.67 -0.48 0.00	19.32 -0.51 0.00	25.97 -0.69 0.00	33.12 -0.90 0.00	35.85 -0.82 0.00	31.50 -0.72 0.00	28.99 -0.70 0.00	29.49 -0.81 0.00	19.03 -0.54 0.00	15.83 -0.41 0.00	15.57 -0.24 0.00
SITHE____MASSENA 23902	17.92 -0.02 0.00	15.96 -0.02 0.00	17.79 -0.04 0.00	17.70 -0.02 0.00	16.16 -0.08 0.00	15.04 -0.08 0.00	20.99 -0.13 0.00	20.46 -0.08 0.00	1.77 -0.01 0.00	15.77 -0.06 0.00	17.13 -0.11 0.00	18.06 -0.12 0.00	17.86 -0.14 0.00	17.98 -0.17 0.00	19.60 -0.22 0.00	26.39 -0.27 0.00	33.72 -0.30 0.00	35.95 -0.71 0.00	31.55 -0.67 0.00	29.13 -0.56 0.00	29.88 -0.41 0.00	19.37 -0.19 0.00	16.12 -0.12 0.00	15.60 -0.21 0.00
SITHE____OGDNSBRG 24021	18.19 0.25 0.00	16.20 0.21 0.00	18.05 0.21 0.00	17.96 0.24 0.00	16.39 0.16 0.00	15.29 0.17 0.00	21.40 0.29 0.00	20.90 0.37 0.00	1.81 0.04 0.00	16.00 0.17 0.00	17.33 0.10 0.00	18.26 0.09 0.00	18.05 0.05 0.00	18.17 0.02 0.00	19.80 -0.03 0.00	26.65 -0.01 0.00	34.04 0.01 0.00	36.31 -0.35 0.00	32.08 -0.14 0.00	29.68 -0.01 0.00	30.42 0.12 0.00	19.73 0.17 0.00	16.39 0.15 0.00	15.82 0.00 0.00
SITHE____STERLING 23777	18.38 0.44 0.00	16.36 0.38 0.00	18.25 0.42 0.00	18.12 0.40 0.00	16.64 0.41 0.00	15.53 0.42 0.00	21.83 0.72 0.00	21.22 0.69 0.00	1.81 0.03 0.00	16.31 0.47 0.00	17.76 0.52 0.00	18.71 0.53 0.00	18.50 0.50 0.00	18.63 0.48 0.00	20.37 0.54 0.00	27.42 0.75 0.00	35.10 1.07 0.00	38.17 1.51 0.00	33.72 1.50 0.00	31.03 1.34 0.00	31.47 1.17 0.00	20.25 0.69 0.00	16.76 0.52 0.00	16.34 0.52 0.00
SLEIGHT__34_KV_TB1 80719	18.29 0.35 0.00	16.34 0.36 0.00	18.16 0.33 0.00	18.00 0.28 0.00	16.60 0.36 0.00	15.43 0.31 0.00	21.69 0.58 0.00	21.04 0.51 0.00	1.70 -0.08 0.00	16.22 0.39 0.00	17.66 0.42 0.00	18.66 0.48 0.00	18.57 0.57 0.00	18.77 0.62 0.00	20.52 0.69 0.00	27.65 0.98 0.00	35.35 1.32 0.00	38.47 1.81 0.00	33.78 1.55 0.00	31.05 1.36 0.00	31.36 1.07 0.00	20.19 0.62 0.00	16.74 0.50 0.00	16.40 0.58 0.00
SOUTH CAIRO____GT 23612	18.75 0.85 0.04	16.75 0.77 0.00	18.73 0.90 0.00	18.58 0.86 0.00	17.06 0.82 0.00	15.83 0.71 0.00	22.26 1.15 0.00	21.71 1.17 0.00	13.89 0.11 -12.00	16.51 0.62 -0.06	19.63 0.58 -1.81	18.97 0.55 -0.24	18.21 0.47 0.27	18.60 0.44 0.00	20.70 0.52 -0.35	27.18 0.83 0.31	35.16 1.13 0.00	38.48 1.82 0.00	34.38 2.16 0.00	31.71 2.02 0.00	32.15 1.85 0.00	20.66 1.10 0.00	17.06 0.82 0.00	16.49 0.67 0.00
SOUTH HAMPTN____IC 23720	30.00 1.81 -10.25	17.54 1.55 0.00	19.44 1.61 0.00	19.29 1.58 0.00	18.04 1.64 -0.17	16.84 1.62 -0.11	95.72 2.57 -72.03	75.26 2.53 -52.19	86.99 0.52 -84.68	25.02 1.93 -7.25	25.30 2.13 -5.93	169.64 2.18 -149.28	29.38 2.13 -9.25	34.94 2.20 -14.58	31.83 2.51 -9.50	35.09 3.39 -5.04	40.30 4.12 -2.16	63.59 4.82 -22.10	45.12 4.34 -8.56	36.29 4.02 -2.58	64.31 3.82 -30.19	24.94 2.35 -3.03	18.79 1.87 -0.68	17.51 1.69 0.00

SOUTHDOWN_115KV_TB1 355954	18.90 0.96 0.00	16.89 0.90 0.00	18.77 0.94 0.00	18.55 0.83 0.00	17.12 0.88 0.00	15.93 0.81 0.00	22.75 1.63 0.00	21.91 1.38 0.00	1.41 -0.37 0.00	17.14 1.30 0.00	18.78 1.54 0.00	19.93 1.75 0.00	19.86 1.87 0.00	20.05 1.90 0.00	22.01 2.19 0.00	29.50 2.84 0.00	37.77 3.75 0.00	41.25 4.59 0.00	35.61 3.39 0.00	32.48 2.79 0.00	32.61 2.31 0.00	20.95 1.38 0.00	17.38 1.14 0.00	17.36 1.54 0.00
SOUTHOLD_69_KV_BK 2 55809	30.25 2.06 -10.25	17.76 1.78 0.00	19.68 1.85 0.00	19.54 1.82 0.00	18.27 1.87 -0.16	17.06 1.84 -0.10	96.06 2.92 -72.02	75.58 2.87 -52.17	87.01 0.56 -84.67	25.29 2.20 -7.25	25.58 2.41 -5.93	169.93 2.47 -149.28	29.67 2.42 -9.25	35.25 2.51 -14.58	32.18 2.86 -9.50	35.58 3.87 -5.04	40.97 4.79 -2.16	64.32 5.56 -22.10	45.79 5.01 -8.56	36.89 4.62 -2.58	64.88 4.39 -30.19	25.28 2.68 -3.03	19.05 2.13 -0.68	17.74 1.93 0.00
SOUTHOLD___IC 23719	30.25 2.06 -10.25	17.76 1.78 0.00	19.68 1.85 0.00	19.54 1.82 0.00	18.27 1.87 -0.17	17.06 1.84 -0.11	96.05 2.92 -72.02	75.58 2.87 -52.18	87.01 0.55 -84.67	25.29 2.20 -7.25	25.58 2.41 -5.93	169.93 2.47 -149.28	29.68 2.43 -9.25	35.25 2.51 -14.58	32.18 2.86 -9.50	35.58 3.87 -5.04	40.97 4.79 -2.16	64.32 5.55 -22.10	45.79 5.00 -8.56	36.89 4.62 -2.58	64.88 4.39 -30.19	25.28 2.68 -3.03	19.05 2.13 -0.68	17.75 1.93 0.00
SPIERFLS_115KV_TB 1 80737	18.39 0.54 0.09	16.52 0.53 0.00	18.43 0.59 0.00	18.24 0.53 0.00	16.77 0.53 0.00	15.73 0.61 0.00	22.19 1.08 0.00	21.64 1.11 0.00	16.53 0.20 -14.56	16.60 0.70 -0.07	20.14 0.70 -2.20	19.12 0.65 -0.29	17.30 0.49 1.19	18.68 0.53 0.00	20.82 0.66 -0.34	26.83 0.96 0.79	35.23 1.20 0.00	38.35 1.69 0.00	34.21 1.98 0.00	31.41 1.72 0.00	31.80 1.50 0.00	20.48 0.92 0.00	16.94 0.70 0.00	16.32 0.50 0.00
ST LAWRENCE____ 23600	17.69 -0.25 0.00	15.76 -0.23 0.00	17.57 -0.26 0.00	17.48 -0.23 0.00	15.96 -0.28 0.00	14.85 -0.27 0.00	20.69 -0.42 0.00	20.17 -0.36 0.00	1.74 -0.04 0.00	15.56 -0.27 0.00	16.90 -0.34 0.00	17.82 -0.36 0.00	17.63 -0.37 0.00	17.75 -0.40 0.00	19.35 -0.48 0.00	26.05 -0.61 0.00	33.30 -0.73 0.00	35.51 -1.15 0.00	31.13 -1.09 0.00	28.76 -0.93 0.00	29.53 -0.77 0.00	19.12 -0.44 0.00	15.91 -0.33 0.00	15.41 -0.41 0.00
STATE_CA_115KV_115_LB 55624	18.23 0.38 0.08	16.33 0.35 0.00	18.25 0.42 0.00	18.10 0.38 0.00	16.61 0.38 0.00	15.40 0.28 0.00	21.61 0.50 0.00	21.07 0.54 0.00	16.79 0.08 -14.93	16.28 0.37 -0.07	19.90 0.41 -2.25	18.88 0.41 -0.29	17.32 0.40 1.08	18.58 0.43 0.00	20.68 0.49 -0.36	26.60 0.68 0.74	34.83 0.81 0.00	37.79 1.13 0.00	33.40 1.18 0.00	30.70 1.01 0.00	31.15 0.85 0.00	20.10 0.53 0.00	16.63 0.39 0.00	16.12 0.30 0.00
STATE_ST_34_KV_LOAD 55959	18.18 0.24 0.00	16.28 0.29 0.00	18.07 0.23 0.00	17.91 0.20 0.00	16.54 0.30 0.00	15.34 0.22 0.00	21.48 0.37 0.00	20.82 0.28 0.00	1.71 -0.07 0.00	16.02 0.18 0.00	17.43 0.19 0.00	18.40 0.22 0.00	18.26 0.27 0.00	18.43 0.28 0.00	20.15 0.32 0.00	27.11 0.45 0.00	34.65 0.62 0.00	37.65 0.99 0.00	33.12 0.89 0.00	30.54 0.86 0.00	30.89 0.59 0.00	19.96 0.40 0.00	16.57 0.33 0.00	16.19 0.37 0.00
STATION 5_MISC_HYD 23604	18.04 0.10 0.00	16.12 0.14 0.00	17.96 0.12 0.00	17.75 0.04 0.00	16.33 0.09 0.00	15.20 0.08 0.00	21.38 0.27 0.00	20.62 0.08 0.00	1.55 -0.23 0.00	16.00 0.17 0.00	17.43 0.19 0.00	18.46 0.28 0.00	18.38 0.38 0.00	18.58 0.43 0.00	20.31 0.48 0.00	27.33 0.67 0.00	34.96 0.93 0.00	38.14 1.47 0.00	33.33 1.11 0.00	30.50 0.82 0.00	30.79 0.50 0.00	19.81 0.25 0.00	16.46 0.22 0.00	16.32 0.50 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.13 0.19 0.00	16.19 0.20 0.00	18.02 0.19 0.00	17.84 0.13 0.00	16.42 0.18 0.00	15.30 0.18 0.00	21.51 0.40 0.00	20.83 0.29 0.00	1.62 -0.16 0.00	16.10 0.26 0.00	17.54 0.30 0.00	18.55 0.37 0.00	18.45 0.45 0.00	18.65 0.49 0.00	20.36 0.53 0.00	27.45 0.78 0.00	35.12 1.10 0.00	38.31 1.65 0.00	33.56 1.34 0.00	30.74 1.05 0.00	31.05 0.76 0.00	19.97 0.40 0.00	16.56 0.32 0.00	16.33 0.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.92 -0.02 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.63 -0.09 0.00	16.22 -0.02 0.00	15.10 -0.02 0.00	21.22 0.11 0.00	20.49 -0.05 0.00	1.56 -0.22 0.00	15.89 0.05 0.00	17.32 0.08 0.00	18.34 0.16 0.00	18.26 0.26 0.00	18.45 0.30 0.00	20.14 0.32 0.00	27.15 0.49 0.00	34.73 0.70 0.00	37.87 1.21 0.00	33.11 0.89 0.00	30.30 0.61 0.00	30.60 0.31 0.00	19.68 0.12 0.00	16.35 0.11 0.00	16.19 0.37 0.00
STA_56___34_KV_BUS2 355983	17.92 -0.02 0.00	16.01 0.03 0.00	17.83 0.00 0.00	17.63 -0.09 0.00	16.22 -0.02 0.00	15.10 -0.02 0.00	21.22 0.11 0.00	20.49 -0.05 0.00	1.56 -0.22 0.00	15.89 0.05 0.00	17.32 0.08 0.00	18.34 0.16 0.00	18.26 0.26 0.00	18.45 0.30 0.00	20.14 0.32 0.00	27.15 0.49 0.00	34.73 0.70 0.00	37.87 1.21 0.00	33.11 0.89 0.00	30.30 0.61 0.00	30.60 0.31 0.00	19.68 0.12 0.00	16.35 0.11 0.00	16.19 0.37 0.00
STA_67___115KV_BK2 355882	18.01 0.07 0.00	16.09 0.11 0.00	17.92 0.09 0.00	17.72 0.00 0.00	16.30 0.07 0.00	15.17 0.05 0.00	21.33 0.22 0.00	20.58 0.04 0.00	1.55 -0.23 0.00	15.96 0.12 0.00	17.39 0.15 0.00	18.41 0.24 0.00	18.33 0.33 0.00	18.52 0.36 0.00	20.23 0.40 0.00	27.25 0.59 0.00	34.85 0.83 0.00	38.01 1.35 0.00	33.23 1.01 0.00	30.42 0.73 0.00	30.71 0.41 0.00	19.76 0.19 0.00	16.42 0.18 0.00	16.28 0.46 0.00
STA_7___115KV_9TRANS 80674	18.11 0.18 0.00	16.18 0.20 0.00	18.02 0.18 0.00	17.81 0.10 0.00	16.39 0.15 0.00	15.26 0.14 0.00	21.46 0.35 0.00	20.72 0.18 0.00	1.56 -0.22 0.00	16.06 0.22 0.00	17.51 0.27 0.00	18.55 0.37 0.00	18.48 0.48 0.00	18.67 0.52 0.00	20.38 0.55 0.00	27.48 0.82 0.00	35.17 1.14 0.00	38.39 1.73 0.00	33.55 1.33 0.00	30.71 1.02 0.00	30.99 0.70 0.00	19.92 0.36 0.00	16.55 0.31 0.00	16.40 0.58 0.00
STA_82___115KV_TB1 80780	18.01 0.07 0.00	16.10 0.12 0.00	17.93 0.10 0.00	17.73 0.02 0.00	16.31 0.07 0.00	15.18 0.06 0.00	21.34 0.22 0.00	20.59 0.06 0.00	1.55 -0.23 0.00	15.97 0.13 0.00	17.40 0.16 0.00	18.43 0.25 0.00	18.35 0.34 0.00	18.53 0.37 0.00	20.24 0.41 0.00	27.27 0.61 0.00	34.87 0.85 0.00	38.05 1.39 0.00	33.25 1.03 0.00	30.44 0.75 0.00	30.73 0.43 0.00	19.78 0.21 0.00	16.43 0.19 0.00	16.30 0.48 0.00
STEEL___WIND 323596	18.35 0.41 0.00	16.43 0.45 0.00	18.29 0.46 0.00	18.05 0.33 0.00	16.63 0.40 0.00	15.44 0.32 0.00	21.86 0.75 0.00	20.94 0.41 0.00	1.33 -0.45 0.00	16.39 0.55 0.00	17.88 0.64 0.00	18.99 0.81 0.00	18.93 0.93 0.00	19.12 0.96 0.00	21.02 1.19 0.00	28.10 1.44 0.00	35.95 1.92 0.00	39.37 2.71 0.00	34.01 1.78 0.00	31.04 1.36 0.00	31.16 0.87 0.00	20.09 0.52 0.00	16.75 0.51 0.00	16.85 1.03 0.00

STEPHTWN_115KV_BK_2 55603	18.31 0.46 0.08	16.33 0.34 0.00	18.24 0.41 0.00	18.11 0.39 0.00	16.63 0.40 0.00	15.45 0.34 0.00	21.77 0.66 0.00	21.25 0.72 0.00	16.88 0.11 -14.99	16.26 0.35 -0.07	19.89 0.39 -2.26	18.86 0.39 -0.30	17.34 0.37 1.03	18.53 0.37 0.00	20.61 0.42 -0.36	26.54 0.59 0.71	34.76 0.74 0.00	38.05 1.38 0.00	33.54 1.32 0.00	30.92 1.23 0.00	31.29 1.00 0.00	20.19 0.62 0.00	16.69 0.46 0.00	16.18 0.36 0.00
STEBEN_REC_LFGE 323667	18.44 0.50 0.00	16.55 0.56 0.00	18.39 0.55 0.00	18.20 0.48 0.00	16.81 0.58 0.00	15.66 0.55 0.00	22.33 1.22 0.00	21.56 1.02 0.00	1.51 -0.27 0.00	16.64 0.80 0.00	18.14 0.91 0.00	19.20 1.02 0.00	19.12 1.12 0.00	19.29 1.14 0.00	21.08 1.25 0.00	28.34 1.68 0.00	36.31 2.28 0.00	39.69 3.02 0.00	34.58 2.35 0.00	31.69 2.00 0.00	31.90 1.61 0.00	20.49 0.92 0.00	17.02 0.78 0.00	16.90 1.08 0.00
STONY__BROOK 24151	29.75 1.55 -10.25	17.30 1.32 0.00	19.18 1.35 0.00	19.04 1.32 0.00	17.79 1.39 -0.17	16.61 1.39 -0.11	92.93 2.23 -69.58	72.34 2.24 -49.57	84.79 0.49 -82.52	24.79 1.70 -7.25	25.07 1.90 -5.93	169.42 1.96 -149.28	29.17 1.90 -9.26	34.69 1.95 -14.58	31.53 2.22 -9.50	34.65 2.94 -5.04	39.61 3.43 -2.16	62.78 4.02 -22.10	44.38 3.60 -8.56	35.62 3.36 -2.58	63.71 3.22 -30.19	24.64 1.98 -3.10	18.52 1.59 -0.70	17.23 1.41 0.00
STURGEON_POOL_HYD 23609	18.62 0.66 -0.03	16.52 0.54 0.00	18.40 0.57 0.00	18.24 0.52 0.00	16.78 0.54 0.00	15.74 0.63 0.00	22.19 1.08 0.00	21.65 1.11 0.00	7.79 0.25 -5.76	16.75 0.89 -0.03	19.19 1.08 -0.87	19.41 1.12 -0.11	20.01 1.11 -0.90	19.30 1.15 0.00	21.43 1.29 -0.31	28.66 1.71 -0.29	36.42 2.39 0.00	39.10 2.44 0.00	34.44 2.21 0.00	31.65 1.97 0.00	32.10 1.81 0.00	20.73 1.16 0.00	17.13 0.89 0.00	16.58 0.76 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.65 0.65 -0.06	16.52 0.54 0.00	18.40 0.57 0.00	18.24 0.52 0.00	16.79 0.55 0.00	15.72 0.61 0.00	22.17 1.06 0.00	21.66 1.12 0.00	-41.06 0.24 43.07	16.53 0.89 0.20	11.79 1.06 6.50	18.44 1.11 0.85	20.00 1.10 -0.90	19.29 1.14 0.00	20.50 1.28 0.60	28.58 1.67 -0.25	36.13 2.11 0.00	39.15 2.49 0.00	34.46 2.24 0.00	31.64 1.95 0.00	32.10 1.81 0.00	20.71 1.15 0.00	17.11 0.87 0.00	16.57 0.75 0.00
SWANROAD_115KV_TB1 355699	17.77 -0.17 0.00	15.93 -0.05 0.00	17.74 -0.09 0.00	17.50 -0.21 0.00	16.12 -0.11 0.00	14.94 -0.18 0.00	21.05 -0.06 0.00	20.11 -0.43 0.00	1.24 -0.55 0.00	15.77 -0.07 0.00	17.15 -0.08 0.00	18.23 0.05 0.00	18.20 0.20 0.00	18.33 0.18 0.00	20.18 0.35 0.00	26.95 0.28 0.00	34.42 0.40 0.00	37.75 1.09 0.00	32.65 0.43 0.00	29.78 0.09 0.00	29.89 -0.40 0.00	19.36 -0.20 0.00	16.17 -0.07 0.00	16.37 0.55 0.00
SYNERGY__BIOGAS 323694	18.36 0.42 0.00	16.44 0.45 0.00	18.30 0.46 0.00	18.06 0.34 0.00	16.64 0.40 0.00	15.47 0.35 0.00	21.85 0.74 0.00	21.01 0.48 0.00	1.40 -0.38 0.00	16.37 0.54 0.00	17.76 0.52 0.00	18.83 0.66 0.00	18.77 0.77 0.00	19.03 0.88 0.00	21.16 1.33 0.00	28.01 1.35 0.00	35.81 1.78 0.00	39.38 2.72 0.00	34.30 2.08 0.00	31.37 1.68 0.00	31.52 1.23 0.00	20.30 0.73 0.00	16.89 0.65 0.00	16.92 1.10 0.00
SYRACUSE__ENERGY_ST1 323597	18.11 0.17 0.00	16.14 0.16 0.00	17.98 0.15 0.00	17.84 0.12 0.00	16.39 0.15 0.00	15.25 0.13 0.00	21.31 0.20 0.00	20.66 0.12 0.00	1.72 -0.06 0.00	15.92 0.08 0.00	17.33 0.09 0.00	18.29 0.12 0.00	18.16 0.16 0.00	18.32 0.17 0.00	20.00 0.18 0.00	26.89 0.23 0.00	34.35 0.33 0.00	37.26 0.60 0.00	32.77 0.55 0.00	30.14 0.45 0.00	30.60 0.31 0.00	19.74 0.17 0.00	16.40 0.16 0.00	16.09 0.27 0.00
SYRACUSE__ENERGY_ST2 323598	18.11 0.17 0.00	16.14 0.16 0.00	17.98 0.15 0.00	17.84 0.12 0.00	16.39 0.15 0.00	15.25 0.13 0.00	21.31 0.20 0.00	20.66 0.12 0.00	1.72 -0.06 0.00	15.92 0.08 0.00	17.33 0.09 0.00	18.29 0.12 0.00	18.16 0.16 0.00	18.32 0.17 0.00	20.00 0.18 0.00	26.89 0.23 0.00	34.35 0.33 0.00	37.26 0.60 0.00	32.77 0.55 0.00	30.14 0.45 0.00	30.60 0.31 0.00	19.74 0.17 0.00	16.40 0.16 0.00	16.09 0.27 0.00
SYRACUSE__POWER 24017	18.04 0.10 0.00	16.07 0.09 0.00	17.91 0.08 0.00	17.77 0.05 0.00	16.32 0.08 0.00	15.19 0.07 0.00	21.21 0.10 0.00	20.56 0.03 0.00	1.71 -0.07 0.00	15.85 0.01 0.00	17.26 0.02 0.00	18.22 0.04 0.00	18.08 0.08 0.00	18.24 0.09 0.00	19.94 0.12 0.00	26.82 0.15 0.00	34.25 0.23 0.00	37.14 0.48 0.00	32.67 0.44 0.00	30.03 0.34 0.00	30.49 0.20 0.00	19.65 0.08 0.00	16.33 0.09 0.00	16.04 0.21 0.00
TALLMAN_138KV_BK151 55660	18.72 0.71 -0.07	16.57 0.58 0.00	18.44 0.60 0.00	18.27 0.55 0.00	16.83 0.59 0.00	15.78 0.66 0.00	22.28 1.17 0.00	21.76 1.22 0.00	-48.79 0.28 50.84	16.59 0.99 0.24	10.74 1.18 7.68	18.42 1.24 1.00	20.17 1.23 -0.95	19.42 1.27 0.00	20.51 1.41 0.73	28.74 1.83 -0.26	36.30 2.28 0.00	39.34 2.68 0.00	34.63 2.41 0.00	31.78 2.09 0.00	32.22 1.93 0.00	20.80 1.24 0.00	17.17 0.93 0.00	16.62 0.80 0.00
TEALLAVE_115KV_TB7 355573	17.95 0.01 0.00	15.99 0.01 0.00	17.83 0.00 0.00	17.69 -0.03 0.00	16.24 0.01 0.00	15.12 0.00 0.00	21.09 -0.03 0.00	20.42 -0.12 0.00	1.71 -0.07 0.00	15.75 -0.09 0.00	17.16 -0.08 0.00	18.11 -0.06 0.00	17.98 -0.03 0.00	18.14 -0.02 0.00	19.83 0.00 0.00	26.66 -0.01 0.00	34.04 0.02 0.00	36.90 0.24 0.00	32.44 0.21 0.00	29.82 0.13 0.00	30.28 -0.02 0.00	19.52 -0.05 0.00	16.22 -0.01 0.00	15.96 0.14 0.00
TELGRAPH_34_KV_EAST 80808	18.12 0.18 0.00	16.23 0.25 0.00	18.08 0.24 0.00	17.82 0.11 0.00	16.43 0.20 0.00	15.25 0.13 0.00	21.51 0.39 0.00	20.62 0.08 0.00	1.32 -0.47 0.00	16.12 0.29 0.00	17.54 0.30 0.00	18.63 0.45 0.00	18.59 0.59 0.00	18.78 0.63 0.00	20.83 1.00 0.00	27.63 0.97 0.00	35.28 1.26 0.00	38.73 2.07 0.00	33.57 1.34 0.00	30.64 0.96 0.00	30.77 0.47 0.00	19.87 0.30 0.00	16.56 0.32 0.00	16.68 0.86 0.00
TEMPLE__115KV_TB 2 55572	17.95 0.02 0.00	16.00 0.01 0.00	17.83 0.00 0.00	17.69 -0.02 0.00	16.25 0.01 0.00	15.12 0.00 0.00	21.10 -0.02 0.00	20.43 -0.10 0.00	1.70 -0.09 0.00	15.76 -0.08 0.00	17.16 -0.08 0.00	18.13 -0.05 0.00	17.99 -0.01 0.00	18.15 0.00 0.00	19.85 0.02 0.00	26.68 0.02 0.00	34.07 0.05 0.00	36.93 0.27 0.00	32.45 0.23 0.00	29.83 0.14 0.00	30.29 0.00 0.00	19.52 -0.04 0.00	16.23 -0.01 0.00	15.96 0.14 0.00
TIANA__69_KV_BK 1 55817	29.94 1.75 -10.25	17.49 1.50 0.00	19.38 1.54 0.00	19.23 1.51 0.00	17.98 1.58 -0.16	16.78 1.56 -0.10	95.62 2.49 -72.02	75.17 2.46 -52.18	86.97 0.52 -84.67	24.96 1.86 -7.25	25.22 2.06 -5.93	169.56 2.10 -149.28	29.29 2.04 -9.25	34.86 2.12 -14.58	31.74 2.42 -9.50	34.96 3.26 -5.04	40.15 3.97 -2.16	63.43 4.67 -22.10	44.97 4.19 -8.56	36.16 3.90 -2.58	64.19 3.70 -30.19	24.87 2.27 -3.03	18.73 1.81 -0.68	17.45 1.63 0.00

TILDEN___115KV_TB1 80814	18.04 0.10 0.00	16.07 0.09 0.00	17.91 0.08 0.00	17.77 0.05 0.00	16.32 0.08 0.00	15.19 0.07 0.00	21.21 0.10 0.00	20.56 0.03 0.00	1.71 -0.07 0.00	15.85 0.01 0.00	17.26 0.02 0.00	18.22 0.04 0.00	18.08 0.08 0.00	18.24 0.09 0.00	19.94 0.12 0.00	26.82 0.15 0.00	34.25 0.23 0.00	37.14 0.48 0.00	32.67 0.44 0.00	30.03 0.34 0.00	30.49 0.20 0.00	19.65 0.08 0.00	16.33 0.09 0.00	16.04 0.21 0.00
TRIGEN___CC 323695	29.34 1.15 -10.25	16.95 0.97 0.00	18.84 1.00 0.00	18.69 0.97 0.00	17.41 1.01 -0.16	16.27 1.06 -0.09	65.39 1.70 -42.58	42.99 1.73 -20.72	60.98 0.45 -58.75	24.45 1.37 -7.25	24.78 1.62 -5.93	169.56 1.69 -149.69	30.84 1.65 -11.19	34.47 1.74 -14.58	31.24 1.92 -9.50	34.17 2.47 -5.04	39.19 3.01 -2.16	62.28 3.52 -22.10	43.91 3.13 -8.56	35.06 2.79 -2.58	63.08 2.59 -30.19	40.63 1.68 -19.38	21.92 1.30 -4.37	16.96 1.14 0.00
TRINITY__115KV__4 BK 55933	18.16 0.30 0.08	16.27 0.28 0.00	18.18 0.35 0.00	18.02 0.31 0.00	16.55 0.31 0.00	15.34 0.23 0.00	21.52 0.40 0.00	20.97 0.44 0.00	16.86 0.07 -15.01	16.20 0.29 -0.07	19.82 0.32 -2.27	18.78 0.30 -0.30	17.26 0.31 1.04	18.48 0.32 0.00	20.57 0.37 -0.36	26.45 0.51 0.72	34.61 0.58 0.00	37.53 0.87 0.00	33.19 0.97 0.00	30.52 0.83 0.00	30.98 0.69 0.00	20.00 0.44 0.00	16.56 0.32 0.00	16.04 0.22 0.00
UNION___PROCESSING_DRP 323587	18.02 0.08 0.00	16.11 0.12 0.00	17.94 0.11 0.00	17.74 0.02 0.00	16.31 0.08 0.00	15.18 0.07 0.00	21.35 0.24 0.00	20.60 0.06 0.00	1.56 -0.23 0.00	15.98 0.14 0.00	17.40 0.17 0.00	18.43 0.26 0.00	18.36 0.35 0.00	18.54 0.38 0.00	20.25 0.42 0.00	27.28 0.62 0.00	34.89 0.87 0.00	38.07 1.41 0.00	33.27 1.04 0.00	30.45 0.76 0.00	30.74 0.45 0.00	19.78 0.21 0.00	16.44 0.20 0.00	16.30 0.48 0.00
UPPER HUDSON___HYD 24058	18.39 0.54 0.09	16.52 0.53 0.00	18.43 0.59 0.00	18.24 0.53 0.00	16.77 0.53 0.00	15.73 0.61 0.00	22.19 1.08 0.00	21.64 1.11 0.00	16.54 0.20 -14.56	16.60 0.70 -0.07	20.14 0.70 -2.20	19.12 0.65 -0.29	17.30 0.50 1.19	18.68 0.53 0.00	20.82 0.65 -0.34	26.83 0.96 0.79	35.23 1.20 0.00	38.35 1.69 0.00	34.21 1.98 0.00	31.41 1.72 0.00	31.80 1.50 0.00	20.48 0.92 0.00	16.94 0.70 0.00	16.32 0.50 0.00
UPPER RAQUET___HYD 24056	18.04 0.11 0.00	16.06 0.08 0.00	17.90 0.07 0.00	17.81 0.09 0.00	16.27 0.03 0.00	15.16 0.04 0.00	21.22 0.10 0.00	20.72 0.18 0.00	1.80 0.02 0.00	15.91 0.08 0.00	17.25 0.01 0.00	18.18 0.00 0.00	17.97 -0.03 0.00	18.09 -0.06 0.00	19.72 -0.11 0.00	26.55 -0.17 0.00	33.85 -0.17 0.00	35.96 -0.70 0.00	31.67 -0.56 0.00	29.26 -0.43 0.00	29.93 -0.37 0.00	19.49 -0.08 0.00	16.22 -0.02 0.00	15.64 -0.18 0.00
VALLEY44_115KV_TB2 355964	18.63 0.69 0.00	16.65 0.66 0.00	18.53 0.70 0.00	18.32 0.60 0.00	16.90 0.67 0.00	15.70 0.58 0.00	22.35 1.24 0.00	21.51 0.97 0.00	1.41 -0.37 0.00	16.85 1.01 0.00	18.42 1.19 0.00	19.53 1.35 0.00	19.45 1.45 0.00	19.60 1.45 0.00	21.55 1.73 0.00	28.87 2.21 0.00	36.84 2.82 0.00	40.29 3.63 0.00	34.84 2.61 0.00	31.76 2.08 0.00	31.95 1.66 0.00	20.52 0.96 0.00	17.06 0.82 0.00	17.04 1.22 0.00
VALLEY___115KV_TB 1-4 80826	17.98 0.05 0.00	16.01 0.03 0.00	17.90 0.06 0.00	17.73 0.01 0.00	16.29 0.06 0.00	15.20 0.08 0.00	21.41 0.29 0.00	20.95 0.42 0.00	1.87 0.08 0.00	16.10 0.26 0.00	17.45 0.21 0.00	18.30 0.12 0.00	18.07 0.07 0.00	18.23 0.08 0.00	19.94 0.11 0.00	26.81 0.15 0.00	34.26 0.23 0.00	37.40 0.73 0.00	33.12 0.89 0.00	30.44 0.75 0.00	30.93 0.63 0.00	19.95 0.38 0.00	16.48 0.24 0.00	15.96 0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.50 0.56 0.00	16.48 0.49 0.00	18.41 0.58 0.00	18.27 0.55 0.00	16.78 0.55 0.00	15.66 0.54 0.00	21.91 0.80 0.00	21.41 0.88 0.00	-1.22 0.11 3.12	16.53 0.71 0.02	17.57 0.80 0.47	18.97 0.86 0.06	18.72 0.84 0.12	18.99 0.83 0.00	20.66 0.93 0.09	27.88 1.24 0.03	35.65 1.62 0.00	38.58 1.92 0.00	33.95 1.72 0.00	31.22 1.53 0.00	31.71 1.42 0.00	20.44 0.87 0.00	16.91 0.67 0.00	16.43 0.61 0.00
VISCHER___FERRY HYD 24020	18.32 0.49 0.11	16.45 0.47 0.00	18.38 0.54 0.00	18.21 0.49 0.00	16.73 0.49 0.00	15.60 0.48 0.00	21.90 0.79 0.00	21.36 0.82 0.00	17.12 0.15 -15.19	16.46 0.56 -0.07	20.12 0.58 -2.29	19.04 0.56 -0.30	16.86 0.53 1.67	18.70 0.54 0.00	20.79 0.63 -0.34	26.49 0.89 1.06	35.09 1.06 0.00	38.09 1.43 0.00	33.77 1.55 0.00	31.05 1.36 0.00	31.50 1.21 0.00	20.33 0.76 0.00	16.83 0.59 0.00	16.26 0.44 0.00
V_A_10_SYNC_DSASP 323832	17.84 -0.10 0.00	15.98 -0.01 0.00	17.80 -0.04 0.00	17.57 -0.14 0.00	16.18 -0.06 0.00	15.01 -0.11 0.00	21.14 0.03 0.00	20.24 -0.29 0.00	1.36 -0.43 0.00	15.83 -0.01 0.00	17.24 0.01 0.00	18.31 0.13 0.00	18.24 0.24 0.00	18.41 0.26 0.00	20.20 0.38 0.00	27.05 0.39 0.00	34.54 0.52 0.00	37.76 1.10 0.00	32.78 0.55 0.00	29.93 0.24 0.00	30.12 -0.18 0.00	19.43 -0.14 0.00	16.20 -0.04 0.00	16.25 0.43 0.00
V_CMM_10_SYNC_DSASP 323787	17.77 -0.16 0.00	15.83 -0.15 0.00	17.64 -0.19 0.00	17.56 -0.16 0.00	16.03 -0.20 0.00	14.92 -0.20 0.00	20.79 -0.32 0.00	20.27 -0.27 0.00	1.75 -0.03 0.00	15.64 -0.19 0.00	16.99 -0.25 0.00	17.92 -0.26 0.00	17.73 -0.28 0.00	17.85 -0.31 0.00	19.45 -0.37 0.00	26.19 -0.47 0.00	33.48 -0.54 0.00	35.71 -0.95 0.00	31.30 -0.92 0.00	28.91 -0.78 0.00	29.67 -0.62 0.00	19.22 -0.34 0.00	15.99 -0.25 0.00	15.48 -0.34 0.00
V_CMP_10_SYNC_DSASP 323788	18.37 0.43 0.00	16.34 0.36 0.00	18.22 0.39 0.00	18.09 0.37 0.00	16.59 0.36 0.00	15.45 0.33 0.00	21.78 0.67 0.00	21.24 0.71 0.00	1.88 0.10 0.00	16.32 0.48 0.00	17.66 0.42 0.00	18.51 0.33 0.00	18.31 0.31 0.00	18.56 0.41 0.00	20.33 0.50 0.00	27.39 0.73 0.00	35.09 1.06 0.00	37.57 0.90 0.00	33.04 0.81 0.00	30.35 0.66 0.00	30.56 0.27 0.00	19.54 -0.02 0.00	16.19 -0.05 0.00	15.37 -0.45 0.00
V_E_10_SYNC_DSASP 323830	19.04 1.10 0.00	16.98 0.99 0.00	18.92 1.09 0.00	18.80 1.08 0.00	17.32 1.08 0.00	16.22 1.10 0.00	23.05 1.94 0.00	22.43 1.90 0.00	1.85 0.07 0.00	17.22 1.38 0.00	18.64 1.41 0.00	19.73 1.55 0.00	19.52 1.52 0.00	19.54 1.38 0.00	21.34 1.51 0.00	28.93 2.27 0.00	37.09 3.07 0.00	40.69 4.03 0.00	35.96 3.74 0.00	33.11 3.42 0.00	33.46 3.17 0.00	21.42 1.85 0.00	17.65 1.41 0.00	17.21 1.39 0.00
V_F_30_NSYNC___DSASP 323816	18.57 0.72 0.09	16.64 0.66 0.00	18.59 0.75 0.00	18.41 0.69 0.00	16.92 0.68 0.00	15.82 0.70 0.00	22.26 1.14 0.00	21.69 1.16 0.00	16.61 0.18 -14.65	16.70 0.79 -0.07	20.28 0.83 -2.21	19.29 0.83 -0.29	17.50 0.77 1.27	18.94 0.78 0.00	21.07 0.91 -0.34	27.10 1.27 0.83	35.65 1.62 0.00	38.74 2.08 0.00	34.34 2.12 0.00	31.57 1.88 0.00	31.98 1.69 0.00	20.62 1.06 0.00	17.05 0.81 0.00	16.48 0.66 0.00

V_F_30_SYNC_DSASP 323786	18.23 0.37 0.08	16.33 0.35 0.00	18.25 0.42 0.00	18.10 0.38 0.00	16.61 0.38 0.00	15.40 0.28 0.00	21.61 0.50 0.00	21.07 0.53 0.00	16.79 0.08 -14.94	16.28 0.37 -0.07	19.90 0.41 -2.25	18.88 0.41 -0.29	17.32 0.40 1.08	18.58 0.42 0.00	20.68 0.49 -0.36	26.60 0.67 0.74	34.83 0.81 0.00	37.77 1.11 0.00	33.40 1.18 0.00	30.70 1.01 0.00	31.15 0.85 0.00	20.10 0.53 0.00	16.63 0.39 0.00	16.11 0.29 0.00
V_XM_10_SYNC_DSASP 323789	18.37 0.43 0.00	16.34 0.36 0.00	18.22 0.39 0.00	18.09 0.37 0.00	16.59 0.36 0.00	15.45 0.33 0.00	21.78 0.67 0.00	21.24 0.71 0.00	1.88 0.10 0.00	16.32 0.48 0.00	17.66 0.42 0.00	18.51 0.33 0.00	18.31 0.31 0.00	18.56 0.41 0.00	20.33 0.50 0.00	27.39 0.73 0.00	35.09 1.06 0.00	37.57 0.90 0.00	33.04 0.81 0.00	30.35 0.66 0.00	30.56 0.27 0.00	19.54 -0.02 0.00	16.19 -0.05 0.00	15.37 -0.45 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.78 0.77 -0.07	16.62 0.64 0.00	18.50 0.67 0.00	18.33 0.61 0.00	16.88 0.65 0.00	15.83 0.71 0.00	22.35 1.23 0.00	21.83 1.30 0.00	-50.60 0.27 52.65	16.64 1.05 0.25	10.53 1.24 7.95	18.44 1.31 1.04	20.18 1.29 -0.89	19.49 1.34 0.00	20.51 1.48 0.79	28.84 1.93 -0.26	36.44 2.41 0.00	39.48 2.82 0.00	34.75 2.53 0.00	31.90 2.21 0.00	32.34 2.05 0.00	20.87 1.30 0.00	17.23 0.99 0.00	16.68 0.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.93 0.91 -0.08	16.74 0.76 0.00	18.64 0.81 0.00	18.46 0.74 0.00	17.00 0.77 0.00	15.96 0.84 0.00	22.53 1.42 0.00	22.03 1.49 0.00	41.46 0.32 -39.36	17.29 1.27 -0.19	24.71 1.53 -5.94	20.58 1.62 -0.77	22.97 1.61 -3.36	22.08 1.67 -2.26	22.90 1.85 -1.23	30.26 2.37 -1.23	36.97 2.94 0.00	40.01 3.35 0.00	35.12 2.90 0.00	32.23 2.54 0.00	32.65 2.35 0.00	21.13 1.57 0.00	17.45 1.21 0.00	16.85 1.03 0.00
W50THST__13_KV_LOAD 356117	19.03 1.01 -0.08	16.84 0.85 0.00	18.75 0.91 0.00	18.56 0.85 0.00	17.10 0.86 0.00	16.06 0.94 0.00	22.68 1.57 0.00	22.18 1.64 0.00	41.47 0.33 -39.36	17.44 1.41 -0.19	24.88 1.70 -5.94	20.76 1.81 -0.77	23.16 1.80 -3.36	22.28 1.86 -2.26	23.12 2.06 -1.23	30.54 2.66 -1.23	37.30 3.28 0.00	40.35 3.69 0.00	35.41 3.18 0.00	32.47 2.78 0.00	32.88 2.58 0.00	21.28 1.71 0.00	17.57 1.33 0.00	16.97 1.15 0.00
WADING RIVER_IC_1 23522	29.80 1.61 -10.25	17.36 1.38 0.00	19.24 1.41 0.00	19.09 1.37 0.00	17.85 1.44 -0.17	16.66 1.44 -0.11	95.48 2.29 -72.08	75.04 2.26 -52.24	87.01 0.51 -84.73	24.80 1.71 -7.25	25.06 1.89 -5.93	169.39 1.93 -149.28	29.13 1.88 -9.25	34.69 1.95 -14.58	31.54 2.22 -9.50	34.68 2.98 -5.04	39.74 3.56 -2.16	62.97 4.21 -22.10	44.58 3.80 -8.56	35.81 3.54 -2.58	63.85 3.37 -30.19	24.68 2.10 -3.02	18.60 1.69 -0.68	17.34 1.52 0.00
WADING RIVER_IC_2 23547	29.80 1.61 -10.25	17.36 1.38 0.00	19.24 1.41 0.00	19.09 1.37 0.00	17.85 1.44 -0.17	16.66 1.44 -0.11	95.48 2.29 -72.08	75.04 2.26 -52.24	87.01 0.51 -84.73	24.80 1.71 -7.25	25.06 1.89 -5.93	169.39 1.93 -149.28	29.13 1.88 -9.25	34.69 1.95 -14.58	31.54 2.22 -9.50	34.68 2.98 -5.04	39.74 3.56 -2.16	62.97 4.21 -22.10	44.58 3.80 -8.56	35.81 3.54 -2.58	63.85 3.37 -30.19	24.68 2.10 -3.02	18.60 1.69 -0.68	17.34 1.52 0.00
WADING RIVER_IC_3 23601	29.80 1.61 -10.25	17.36 1.38 0.00	19.24 1.41 0.00	19.09 1.37 0.00	17.85 1.44 -0.17	16.66 1.44 -0.11	95.48 2.29 -72.08	75.04 2.26 -52.24	87.01 0.51 -84.73	24.80 1.71 -7.25	25.06 1.89 -5.93	169.39 1.93 -149.28	29.13 1.88 -9.25	34.69 1.95 -14.58	31.54 2.22 -9.50	34.68 2.98 -5.04	39.74 3.56 -2.16	62.97 4.21 -22.10	44.58 3.80 -8.56	35.81 3.54 -2.58	63.85 3.37 -30.19	24.68 2.10 -3.02	18.60 1.69 -0.68	17.34 1.52 0.00
WALDENNY_12_KV_BK2 80841	18.34 0.40 0.00	16.43 0.44 0.00	18.27 0.44 0.00	18.04 0.32 0.00	16.63 0.39 0.00	15.42 0.31 0.00	21.83 0.72 0.00	20.92 0.39 0.00	1.32 -0.46 0.00	16.37 0.53 0.00	17.87 0.64 0.00	19.00 0.82 0.00	18.95 0.95 0.00	19.12 0.96 0.00	21.00 1.17 0.00	28.13 1.47 0.00	35.97 1.95 0.00	39.39 2.73 0.00	34.04 1.81 0.00	31.04 1.35 0.00	31.16 0.86 0.00	20.10 0.53 0.00	16.75 0.51 0.00	16.85 1.03 0.00
WALDEN__HYDRO 24148	18.77 0.78 -0.05	16.63 0.65 0.00	18.52 0.69 0.00	18.35 0.64 0.00	16.89 0.65 0.00	15.82 0.71 0.00	22.33 1.22 0.00	21.82 1.29 0.00	-11.15 0.26 13.19	16.75 0.97 0.06	16.37 1.13 1.99	19.08 1.16 0.26	20.59 1.17 -1.42	19.39 1.23 0.00	21.27 1.38 -0.07	28.95 1.82 -0.47	36.36 2.33 0.00	39.45 2.78 0.00	34.83 2.61 0.00	32.02 2.33 0.00	32.45 2.15 0.00	20.92 1.35 0.00	17.27 1.03 0.00	16.71 0.89 0.00
WARRENSBURG____ 23737	18.39 0.54 0.09	16.52 0.53 0.00	18.43 0.59 0.00	18.24 0.53 0.00	16.77 0.53 0.00	15.73 0.61 0.00	22.19 1.08 0.00	21.64 1.11 0.00	16.54 0.20 -14.56	16.60 0.70 -0.07	20.14 0.70 -2.20	19.12 0.65 -0.29	17.30 0.50 1.19	18.68 0.53 0.00	20.82 0.65 -0.34	26.83 0.96 0.79	35.23 1.20 0.00	38.35 1.69 0.00	34.21 1.98 0.00	31.41 1.72 0.00	31.80 1.50 0.00	20.48 0.92 0.00	16.94 0.70 0.00	16.32 0.50 0.00
WATERSIDE____6 8 9 23538	18.97 0.95 -0.08	16.80 0.81 0.00	18.70 0.86 0.00	18.51 0.79 0.00	17.06 0.82 0.00	16.01 0.90 0.00	22.60 1.49 0.00	22.08 1.54 0.00	41.49 0.36 -39.35	17.32 1.30 -0.19	26.01 1.54 -7.23	32.17 1.64 -12.35	30.36 1.63 -10.73	30.90 1.69 -11.06	30.69 1.87 -9.00	31.41 2.39 -2.35	36.97 2.94 0.00	39.97 3.31 0.00	35.17 2.95 0.00	32.30 2.61 0.00	33.39 2.43 -0.66	21.17 1.61 0.00	17.48 1.24 0.00	16.88 1.06 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.95 0.01 0.00	15.99 0.00 0.00	17.86 0.02 0.00	17.71 0.00 0.00	16.26 0.03 0.00	15.16 0.04 0.00	21.30 0.19 0.00	20.82 0.28 0.00	1.85 0.06 0.00	16.00 0.17 0.00	17.37 0.13 0.00	18.25 0.07 0.00	18.02 0.02 0.00	18.18 0.02 0.00	19.88 0.05 0.00	26.73 0.07 0.00	34.16 0.13 0.00	37.17 0.50 0.00	32.88 0.66 0.00	30.26 0.57 0.00	30.76 0.47 0.00	19.84 0.27 0.00	16.41 0.17 0.00	15.92 0.10 0.00
WATSON__69_KV_BK 1 55734	29.91 1.72 -10.25	17.43 1.45 0.00	19.32 1.49 0.00	19.18 1.47 0.00	17.92 1.51 -0.16	16.71 1.49 -0.10	91.71 2.38 -68.22	71.00 2.35 -48.11	83.61 0.51 -81.32	24.90 1.81 -7.25	25.18 2.02 -5.93	169.57 2.08 -149.31	29.40 2.00 -9.40	34.83 2.10 -14.58	31.69 2.37 -9.50	34.85 3.15 -5.04	39.88 3.71 -2.16	63.18 4.43 -22.10	44.74 3.96 -8.56	35.94 3.67 -2.58	64.04 3.55 -30.19	25.72 2.19 -3.97	18.87 1.74 -0.89	17.37 1.55 0.00
WDELAWARE__HYD 323627	18.59 0.61 -0.03	16.48 0.49 0.00	18.36 0.53 0.00	18.20 0.48 0.00	16.74 0.50 0.00	15.69 0.57 0.00	22.14 1.02 0.00	21.64 1.10 0.00	-5.90 0.25 7.92	16.62 0.82 0.04	17.04 1.00 1.20	19.09 1.07 0.16	19.60 1.02 -0.58	19.20 1.05 0.00	20.91 1.18 0.10	28.48 1.54 -0.28	36.26 2.24 0.00	39.25 2.59 0.00	34.61 2.38 0.00	31.81 2.12 0.00	32.25 1.95 0.00	20.79 1.22 0.00	17.16 0.92 0.00	16.60 0.78 0.00



WEST BABYLON___IC 23714	29.82 1.63 -10.25	17.35 1.37 0.00	19.25 1.42 0.00	19.10 1.39 0.00	17.83 1.43 -0.16	16.64 1.42 -0.10	85.66 2.25 -62.30	64.57 2.25 -41.79	78.40 0.51 -76.11	24.83 1.74 -7.25	25.13 1.96 -5.93	169.59 2.03 -149.38	29.68 1.96 -9.72	34.80 2.06 -14.58	31.65 2.32 -9.50	34.76 3.06 -5.04	39.84 3.66 -2.16	63.11 4.35 -22.10	44.66 3.88 -8.56	35.80 3.54 -2.58	63.88 3.39 -30.19	27.36 2.11 -5.68	19.19 1.67 -1.28	17.29 1.47 0.00
WEST CANADA___HYD 24049	17.95 0.01 0.00	15.99 0.01 0.00	17.85 0.02 0.00	17.72 0.01 0.00	16.25 0.02 0.00	15.14 0.03 0.00	21.20 0.09 0.00	20.63 0.09 0.00	1.79 0.01 0.00	15.90 0.06 0.00	17.31 0.07 0.00	18.25 0.07 0.00	18.06 0.05 0.00	18.21 0.05 0.00	19.91 0.08 0.00	26.76 0.10 0.00	34.14 0.12 0.00	36.91 0.24 0.00	32.48 0.26 0.00	29.92 0.23 0.00	30.46 0.16 0.00	19.66 0.10 0.00	16.29 0.05 0.00	15.87 0.05 0.00
WESTERN_NY_WIND 24143	18.35 0.41 0.00	16.42 0.44 0.00	18.28 0.45 0.00	18.05 0.33 0.00	16.63 0.39 0.00	15.46 0.34 0.00	21.83 0.72 0.00	20.99 0.46 0.00	1.39 -0.39 0.00	16.36 0.53 0.00	17.75 0.51 0.00	18.82 0.64 0.00	18.76 0.76 0.00	19.02 0.87 0.00	21.16 1.34 0.00	27.99 1.33 0.00	35.78 1.75 0.00	39.36 2.69 0.00	34.27 2.04 0.00	31.34 1.65 0.00	31.49 1.20 0.00	20.29 0.72 0.00	16.88 0.64 0.00	16.92 1.10 0.00
WESTOVER___LESR 323668	18.20 0.26 0.00	16.21 0.23 0.00	18.05 0.22 0.00	17.91 0.19 0.00	16.47 0.24 0.00	15.34 0.22 0.00	21.61 0.49 0.00	21.00 0.46 0.00	1.74 -0.04 0.00	16.24 0.40 0.00	17.73 0.49 0.00	18.70 0.52 0.00	18.54 0.54 0.00	18.70 0.55 0.00	20.48 0.65 0.00	27.51 0.85 0.00	35.20 1.18 0.00	38.17 1.50 0.00	33.45 1.23 0.00	30.72 1.03 0.00	31.14 0.84 0.00	20.05 0.49 0.00	16.62 0.38 0.00	16.27 0.46 0.00
WETHRSFD_WT_PWR 323626	18.22 0.28 0.00	16.30 0.31 0.00	18.12 0.29 0.00	17.91 0.20 0.00	16.52 0.28 0.00	15.35 0.24 0.00	21.76 0.65 0.00	20.92 0.39 0.00	1.38 -0.40 0.00	16.28 0.44 0.00	17.75 0.52 0.00	18.83 0.65 0.00	18.74 0.75 0.00	18.92 0.77 0.00	20.79 0.96 0.00	27.80 1.14 0.00	35.58 1.56 0.00	38.90 2.24 0.00	33.69 1.46 0.00	30.80 1.11 0.00	30.97 0.68 0.00	19.95 0.39 0.00	16.63 0.39 0.00	16.63 0.81 0.00
WHAVSTOR_138KV_BK127 55557	18.71 0.71 -0.07	16.57 0.58 0.00	18.44 0.60 0.00	18.27 0.55 0.00	16.82 0.59 0.00	15.77 0.65 0.00	22.26 1.14 0.00	21.73 1.20 0.00	-50.96 0.27 53.01	16.56 0.97 0.25	10.39 1.15 8.00	18.34 1.21 1.04	20.07 1.19 -0.89	19.38 1.23 0.00	20.39 1.36 0.80	28.67 1.76 -0.26	36.20 2.18 0.00	39.23 2.56 0.00	34.53 2.31 0.00	31.69 2.01 0.00	32.15 1.85 0.00	20.75 1.19 0.00	17.15 0.91 0.00	16.60 0.78 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.71 0.71 -0.07	16.57 0.58 0.00	18.44 0.60 0.00	18.27 0.55 0.00	16.82 0.59 0.00	15.77 0.65 0.00	22.26 1.14 0.00	21.73 1.20 0.00	-50.96 0.27 53.01	16.56 0.97 0.25	10.39 1.15 8.00	18.34 1.21 1.04	20.07 1.19 -0.89	19.38 1.23 0.00	20.39 1.36 0.80	28.67 1.76 -0.26	36.20 2.18 0.00	39.23 2.56 0.00	34.53 2.31 0.00	31.69 2.01 0.00	32.15 1.85 0.00	20.75 1.19 0.00	17.15 0.91 0.00	16.60 0.78 0.00
WHITEHAL_115KV_TB1 80871	18.41 0.56 0.09	16.63 0.64 0.00	18.55 0.71 0.00	18.31 0.59 0.00	16.85 0.61 0.00	15.98 0.86 0.00	22.74 1.62 0.00	22.17 1.63 0.00	16.68 0.30 -14.60	16.74 0.84 -0.07	20.21 0.77 -2.21	19.07 0.61 -0.29	17.30 0.52 1.22	18.74 0.59 0.00	21.05 0.88 -0.34	27.18 1.33 0.81	36.11 2.09 0.00	39.34 2.68 0.00	35.07 2.85 0.00	32.02 2.34 0.00	31.85 1.56 0.00	20.59 1.03 0.00	17.16 0.92 0.00	16.42 0.60 0.00
WHITEPLN_13_KV_LOAD 356215	18.96 0.94 -0.08	16.78 0.79 0.00	18.68 0.85 0.00	18.50 0.78 0.00	17.04 0.80 0.00	15.98 0.87 0.00	22.57 1.46 0.00	22.07 1.53 0.00	42.52 0.31 -40.42	17.29 1.26 -0.19	24.83 1.49 -6.10	20.55 1.57 -0.80	22.56 1.55 -3.01	19.77 1.61 -0.01	22.86 1.79 -1.25	30.21 2.32 -1.23	36.93 2.91 0.00	40.00 3.34 0.00	35.20 2.97 0.00	32.31 2.63 0.00	32.72 2.42 0.00	21.12 1.56 0.00	17.44 1.20 0.00	16.85 1.03 0.00
WM_FLOYD_69_KV_BK2 356380	29.82 1.63 -10.25	17.38 1.40 0.00	19.26 1.43 0.00	19.11 1.40 0.00	17.87 1.47 -0.16	16.68 1.46 -0.10	95.09 2.33 -71.65	74.61 2.30 -51.78	86.65 0.52 -84.34	24.82 1.73 -7.25	25.08 1.91 -5.93	169.40 1.94 -149.28	29.12 1.86 -9.25	34.69 1.95 -14.58	31.55 2.23 -9.50	34.70 3.00 -5.04	39.79 3.61 -2.16	63.06 4.30 -22.10	44.66 3.88 -8.56	35.89 3.62 -2.58	63.92 3.43 -30.19	24.75 2.11 -3.07	18.61 1.68 -0.69	17.33 1.51 0.00
WOODARD___115KV_TB2 355635	17.93 -0.01 0.00	15.98 -0.01 0.00	17.82 -0.02 0.00	17.68 -0.04 0.00	16.23 0.00 0.00	15.11 -0.01 0.00	21.08 -0.04 0.00	20.42 -0.12 0.00	1.70 -0.08 0.00	15.75 -0.09 0.00	17.14 -0.10 0.00	18.10 -0.08 0.00	17.96 -0.04 0.00	18.12 -0.04 0.00	19.80 -0.03 0.00	26.62 -0.05 0.00	33.98 -0.05 0.00	36.83 0.17 0.00	32.39 0.16 0.00	29.78 0.09 0.00	30.25 -0.05 0.00	19.50 -0.06 0.00	16.21 -0.03 0.00	15.93 0.11 0.00
YORK___WARBASSE 23770	19.01 0.98 -0.08	16.81 0.83 0.00	18.72 0.89 0.00	18.53 0.81 0.00	17.07 0.83 0.00	16.03 0.92 0.00	22.64 1.53 0.00	22.12 1.58 0.00	41.50 0.36 -39.35	17.39 1.37 -0.19	26.07 1.60 -7.23	32.21 1.68 -12.35	30.41 1.67 -10.73	30.95 1.74 -11.06	30.76 1.93 -9.00	31.50 2.49 -2.35	37.07 3.04 0.00	40.06 3.40 0.00	35.26 3.04 0.00	32.38 2.69 0.00	33.48 2.53 -0.66	21.27 1.71 0.00	17.56 1.32 0.00	16.95 1.13 0.00