

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/19/2023

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	19.52	19.15	17.98	18.02	19.38	21.47	28.41	32.56	29.32	24.05	29.29	24.65	21.18	21.69	22.61	25.16	31.18	38.35	35.86	34.76	32.78	29.24	22.06	20.51
24138	0.99	0.90	0.88	0.86	0.95	1.14	1.52	1.81	1.61	1.43	1.77	1.56	1.41	1.45	1.53	1.80	2.12	2.43	2.17	2.03	1.91	1.56	1.27	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.07	-0.59	-0.07	-0.53	-0.24	-0.01	-0.02	0.00	-0.12	-0.64	-1.00	0.00	0.00	-0.13	-0.38	-0.05	-0.01
74TH STREET_GT_1	19.53	19.16	17.99	18.02	19.39	21.48	28.42	32.57	29.34	24.05	29.27	24.63	21.16	21.67	22.58	25.12	31.15	38.32	35.85	34.77	32.80	29.25	22.06	20.53
24260	1.00	0.91	0.89	0.86	0.97	1.15	1.53	1.82	1.63	1.42	1.74	1.54	1.38	1.43	1.51	1.77	2.09	2.40	2.16	2.05	1.93	1.57	1.28	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.07	-0.59	-0.07	-0.53	-0.24	-0.01	-0.02	0.00	-0.12	-0.64	-1.00	0.00	0.00	-0.13	-0.38	-0.05	-0.01
74TH STREET_GT_2	19.53	19.16	17.99	18.02	19.39	21.48	28.42	32.57	29.34	24.05	29.27	24.63	21.16	21.67	22.58	25.12	31.15	38.32	35.85	34.77	32.80	29.25	22.06	20.53
24261	1.00	0.91	0.89	0.86	0.97	1.15	1.53	1.82	1.63	1.42	1.74	1.54	1.38	1.43	1.51	1.77	2.09	2.40	2.16	2.05	1.93	1.57	1.28	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-0.07	-0.59	-0.07	-0.53	-0.24	-0.01	-0.02	0.00	-0.12	-0.64	-1.00	0.00	0.00	-0.13	-0.38	-0.05	-0.01
ADK HUDSON___FALLS	19.58	19.31	18.02	18.19	19.56	21.71	27.98	33.16	28.80	24.28	28.59	24.36	21.15	21.66	22.49	24.54	29.67	36.42	36.06	35.00	32.63	28.45	21.90	20.40
24011	1.06	1.06	0.91	1.03	1.14	1.38	2.07	2.55	2.25	1.79	2.12	1.73	1.40	1.47	1.42	1.42	1.85	2.48	2.37	2.28	2.00	1.49	1.21	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.07	0.57	0.07	0.52	0.23	0.01	0.02	0.00	0.12	0.62	0.97	0.00	0.00	0.12	0.34	0.04	0.01
ADK RESOURCE___RCVRY	19.73	19.49	18.18	18.34	19.72	21.90	28.21	33.46	29.06	24.47	28.86	24.61	21.37	21.90	22.69	24.77	29.96	36.79	36.42	35.34	32.90	28.66	22.09	20.58
23798	1.21	1.24	1.07	1.18	1.30	1.57	2.30	2.85	2.50	1.98	2.38	1.99	1.61	1.70	1.62	1.65	2.14	2.85	2.72	2.61	2.27	1.69	1.40	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.07	0.57	0.07	0.51	0.23	0.01	0.02	0.00	0.11	0.61	0.96	0.00	0.00	0.11	0.34	0.04	0.01
ADK S GLENS___FALLS	19.58	19.31	18.02	18.19	19.56	21.71	27.98	33.16	28.80	24.28	28.59	24.36	21.15	21.66	22.49	24.54	29.67	36.42	36.06	35.00	32.63	28.45	21.90	20.40
24028	1.06	1.06	0.91	1.03	1.14	1.38	2.07	2.55	2.25	1.79	2.12	1.73	1.40	1.47	1.42	1.42	1.85	2.48	2.37	2.28	2.00	1.49	1.21	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.07	0.57	0.07	0.52	0.23	0.01	0.02	0.00	0.12	0.62	0.97	0.00	0.00	0.12	0.34	0.04	0.01
ADK_NYS___DAM	19.47	19.19	18.00	18.08	19.43	21.52	26.21	32.03	26.68	23.19	26.30	22.87	20.36	20.83	21.79	23.72	27.53	33.17	34.83	33.79	31.42	27.09	21.35	20.00
23527	0.95	0.94	0.90	0.92	1.01	1.19	1.23	1.55	1.21	0.84	0.81	0.69	0.63	0.68	0.72	0.82	0.90	1.09	1.13	1.06	1.02	0.83	0.74	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	1.41	0.20	1.66	0.20	1.50	0.66	0.03	0.07	0.01	0.33	1.80	2.83	0.00	0.00	0.35	1.04	0.13	0.02
AIR_PRODUCTS___DRP	18.61	18.32	17.21	17.26	18.56	20.55	26.14	30.98	26.81	22.68	26.62	22.74	19.89	20.36	21.26	23.37	28.13	34.41	34.15	33.14	31.06	27.18	20.92	19.51
24190	0.09	0.07	0.11	0.09	0.14	0.22	0.27	0.37	0.30	0.20	0.18	0.13	0.13	0.17	0.19	0.26	0.36	0.52	0.45	0.41	0.43	0.23	0.23	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.07	0.61	0.07	0.55	0.24	0.01	0.03	0.00	0.12	0.65	1.02	0.00	0.00	0.12	0.35	0.04	0.01
AKWESSNE_115KV_BK	18.45	18.24	17.07	17.12	18.34	20.23	26.27	30.55	26.99	22.49	26.98	22.76	19.63	20.12	20.94	23.02	28.12	34.56	33.55	32.56	30.62	27.24	20.65	19.22
355683	-0.08	-0.01	-0.03	-0.03	-0.08	-0.09	-0.13	-0.13	-0.14	-0.07	-0.01	-0.09	-0.14	-0.10	-0.13	-0.21	-0.31	-0.35	-0.15	-0.16	-0.12	-0.06	-0.09	-0.09
	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	18.61	18.32	17.21	17.26	18.56	20.55	26.14	30.98	26.81	22.68	26.62	22.74	19.89	20.36	21.26	23.37	28.13	34.41	34.15	33.14	31.06	27.18	20.92	19.51
23571	0.09	0.07	0.11	0.09	0.14	0.22	0.27	0.37	0.30	0.20	0.18	0.13	0.13	0.17	0.19	0.26	0.36	0.52	0.45	0.41	0.43	0.23	0.23	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.07	0.61	0.07	0.55	0.24	0.01	0.03	0.00	0.12	0.65	1.02	0.00	0.00	0.12	0.35	0.04	0.01
ALBANY___2	18.61	18.32	17.21	17.26	18.56	20.55	26.14	30.98	26.81	22.68	26.62	22.74	19.89	20.36	21.26	23.37	28.13	34.41	34.15	33.14	31.06	27.18	20.92	19.51
23572	0.09	0.07	0.11	0.09	0.14	0.22	0.27	0.37	0.30	0.20	0.18	0.13	0.13	0.17	0.19	0.26	0.36	0.52	0.45	0.41	0.43	0.23	0.23	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.07	0.61	0.07	0.55	0.24	0.01	0.03	0.00	0.12	0.65	1.02	0.00	0.00	0.12	0.35	0.04	0.01
ALBANY___3	18.61	18.32	17.21	17.26	18.56	20.55	26.14	30.98	26.81	22.68	26.62	22.74	19.89	20.36	21.26	23.37	28.13	34.41	34.15	33.14	31.06	27.18	20.92	19.51
23573	0.09	0.07	0.11	0.09	0.14	0.22	0.27	0.37	0.30	0.20	0.18	0.13	0.13	0.17	0.19	0.26	0.36	0.52	0.45	0.41	0.43	0.23	0.23	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.07	0.61	0.07	0.55	0.24	0.01	0.03	0.00	0.12	0.65	1.02	0.00	0.00	0.12	0.35	0.04	0.01

ALBANY___4 23574	18.61 0.09 0.00	18.32 0.07 0.00	17.21 0.11 0.00	17.26 0.09 0.00	18.56 0.14 0.00	20.55 0.22 0.00	26.14 0.27 0.52	30.98 0.37 0.07	26.81 0.30 0.61	22.68 0.20 0.07	26.62 0.18 0.55	22.74 0.13 0.24	19.89 0.13 0.01	20.36 0.17 0.03	21.26 0.19 0.00	23.37 0.26 0.12	28.13 0.36 0.65	34.41 0.52 1.02	34.15 0.45 0.00	33.14 0.41 0.00	31.06 0.43 0.12	27.18 0.23 0.35	20.92 0.23 0.04	19.51 0.21 0.01
ALBANY___LFGE 323615	18.81 0.28 0.00	18.51 0.25 0.00	17.38 0.28 0.00	17.44 0.28 0.00	18.76 0.34 0.00	20.77 0.44 0.00	26.43 0.57 0.53	31.34 0.74 0.07	27.12 0.62 0.62	22.96 0.48 0.07	26.94 0.51 0.57	23.00 0.40 0.25	20.13 0.37 0.01	20.60 0.41 0.03	21.51 0.44 0.00	23.64 0.53 0.13	28.46 0.70 0.67	34.80 0.94 1.05	34.56 0.86 0.00	33.53 0.80 0.00	31.37 0.75 0.12	27.46 0.52 0.37	21.13 0.44 0.05	19.71 0.40 0.01
ALCOA_PA_115KV_PL-6C 55860	18.56 0.03 0.00	18.35 0.10 0.00	17.18 0.07 0.00	17.23 0.07 0.00	18.45 0.03 0.00	20.36 0.03 0.00	26.44 0.05 0.00	30.73 0.05 0.00	27.13 0.00 0.00	22.59 0.03 0.00	27.10 0.11 0.00	22.84 -0.01 0.00	19.67 -0.10 0.00	20.16 -0.06 0.00	20.99 -0.08 0.00	23.08 -0.15 0.00	28.18 -0.25 0.00	34.66 -0.25 0.00	33.66 -0.03 0.00	32.68 -0.05 0.00	30.73 -0.01 0.00	27.38 0.07 0.00	20.75 0.01 0.00	19.32 0.01 0.00
ALCOA_RYNLDS___DRP 24188	18.56 0.03 0.00	18.35 0.10 0.00	17.18 0.07 0.00	17.23 0.07 0.00	18.45 0.03 0.00	20.36 0.03 0.00	26.44 0.05 0.00	30.73 0.05 0.00	27.13 0.00 0.00	22.59 0.03 0.00	27.10 0.11 0.00	22.84 -0.01 0.00	19.67 -0.10 0.00	20.16 -0.06 0.00	20.99 -0.08 0.00	23.08 -0.15 0.00	28.18 -0.25 0.00	34.66 -0.25 0.00	33.66 -0.03 0.00	32.68 -0.05 0.00	30.73 -0.01 0.00	27.38 0.07 0.00	20.75 0.01 0.00	19.32 0.01 0.00
ALCOA___DSASP 323711	18.56 0.03 0.00	18.35 0.10 0.00	17.18 0.07 0.00	17.23 0.07 0.00	18.45 0.03 0.00	20.36 0.03 0.00	26.44 0.05 0.00	30.72 0.04 0.00	27.13 0.00 0.00	22.59 0.03 0.00	27.10 0.11 0.00	22.84 -0.01 0.00	19.67 -0.10 0.00	20.16 -0.06 0.00	20.99 -0.08 0.00	23.08 -0.15 0.00	28.18 -0.25 0.00	34.66 -0.25 0.00	33.66 -0.03 0.00	32.68 -0.05 0.00	30.73 -0.01 0.00	27.38 0.07 0.00	20.75 0.01 0.00	19.32 0.01 0.00
ALLEGHENY___COGEN 23514	19.02 0.50 0.00	18.70 0.45 0.00	17.39 0.29 0.00	17.44 0.28 0.00	18.78 0.36 0.00	20.73 0.40 0.00	27.35 0.96 0.00	31.93 1.25 0.00	28.34 1.22 0.00	22.90 0.35 0.00	27.47 0.49 0.00	23.44 0.59 0.00	20.26 0.49 0.00	20.60 0.38 0.00	21.43 0.36 0.00	23.53 0.30 0.00	28.82 0.39 0.00	36.03 1.13 0.00	34.64 0.94 0.00	33.67 0.95 0.00	31.61 0.86 0.00	28.09 0.78 0.00	21.36 0.62 0.00	19.90 0.59 0.00
ALTAMONT_115KV_TB 2 55880	19.00 0.47 0.00	18.69 0.44 0.00	17.54 0.44 0.00	17.60 0.44 0.00	18.92 0.50 0.00	20.92 0.59 0.00	26.85 0.76 0.31	31.55 0.92 0.04	27.56 0.80 0.36	23.14 0.63 0.04	27.37 0.71 0.33	23.30 0.60 0.15	20.29 0.53 0.01	20.76 0.55 0.02	21.66 0.59 0.00	23.86 0.69 0.07	28.88 0.85 0.40	35.36 1.08 0.63	34.71 1.01 0.00	33.70 0.97 0.00	31.52 0.85 0.08	27.70 0.64 0.24	21.25 0.54 0.03	19.80 0.50 0.00
ALTONA_WT_PWR 323606	18.93 0.40 0.00	18.77 0.51 0.00	17.55 0.45 0.00	17.60 0.44 0.00	18.93 0.50 0.00	20.88 0.55 0.00	27.10 0.70 0.00	31.60 0.92 0.00	27.94 0.82 0.00	23.31 0.75 0.00	27.97 0.98 0.00	23.58 0.73 0.00	20.17 0.40 0.00	20.76 0.54 0.00	21.51 0.44 0.00	23.92 0.69 0.00	29.30 0.87 0.00	36.01 1.10 0.00	34.97 1.27 0.00	33.75 1.02 0.00	31.52 0.78 0.00	27.90 0.60 0.00	21.07 0.33 0.00	19.47 0.16 0.00
AMERICAN_REF_FUEL 24010	17.49 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.14 -1.02 0.00	17.28 -1.15 0.00	19.02 -1.30 0.00	24.90 -1.49 0.00	28.74 -1.93 0.00	25.75 -1.38 0.00	21.45 -1.11 0.00	25.81 -1.18 0.00	22.30 -0.54 0.00	19.32 -0.45 0.00	19.58 -0.64 0.00	20.32 -0.76 0.00	22.20 -1.04 0.00	26.79 -1.64 0.00	32.87 -2.04 0.00	31.23 -2.46 0.00	30.42 -2.30 0.00	28.73 -2.01 0.00	25.74 -1.57 0.00	19.70 -1.03 0.00	18.55 -0.76 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.05 -0.47 0.00	17.69 -0.57 0.00	16.44 -0.66 0.00	16.59 -0.57 0.00	17.88 -0.54 0.00	19.70 -0.63 0.00	25.87 -0.53 0.00	30.12 -0.56 0.00	26.86 -0.26 0.00	22.44 -0.11 0.00	26.99 0.00 0.00	23.38 0.53 0.00	20.07 0.30 0.00	20.36 0.14 0.00	21.30 0.23 0.00	23.35 0.11 0.00	28.19 -0.24 0.00	34.71 -0.20 0.00	32.84 -0.86 0.00	31.75 -0.97 0.00	29.83 -0.91 0.00	26.69 -0.62 0.00	20.20 -0.54 0.00	18.86 -0.45 0.00
ARTHUR_KILL_GT_1 23520	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	17.98 0.82 0.00	19.35 0.93 0.00	21.46 1.13 0.00	28.38 1.49 -0.50	32.49 1.74 -0.07	29.14 1.43 -0.58	23.85 1.23 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.49 1.24 -0.02	22.39 1.31 0.00	24.90 1.55 -0.12	30.92 1.85 -0.64	37.95 2.03 -1.00	35.50 1.80 0.00	34.61 1.88 0.00	32.63 1.77 -0.13	29.09 1.41 -0.38	21.98 1.19 -0.05	20.48 1.17 -0.01
ARTHUR_KILL_2 23512	19.44 0.91 0.00	19.08 0.83 0.00	17.90 0.80 0.00	17.93 0.77 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.29 1.40 -0.50	32.39 1.64 -0.07	29.04 1.33 -0.58	23.78 1.16 -0.07	28.98 1.45 -0.53	24.37 1.29 -0.24	20.93 1.15 -0.01	21.42 1.18 -0.02	22.32 1.25 0.00	24.83 1.48 -0.12	30.83 1.77 -0.64	37.83 1.92 -1.00	35.39 1.70 0.00	34.50 1.78 0.00	32.54 1.66 -0.13	29.01 1.33 -0.38	21.91 1.13 -0.05	20.43 1.11 -0.01
ARTHUR_KILL_3 23513	19.39 0.86 0.00	19.03 0.77 0.00	17.85 0.75 0.00	17.89 0.73 0.00	19.25 0.83 0.00	21.31 0.98 0.00	28.14 1.25 -0.50	32.22 1.47 -0.07	29.03 1.32 -0.59	23.76 1.14 -0.07	28.93 1.40 -0.53	24.33 1.24 -0.24	20.90 1.13 -0.01	21.41 1.16 -0.02	22.29 1.22 0.00	24.82 1.47 -0.12	30.80 1.73 -0.64	37.88 1.97 -1.00	35.41 1.71 0.00	34.33 1.61 0.00	32.42 1.55 -0.13	28.93 1.25 -0.38	21.85 1.06 -0.05	20.36 1.05 -0.01
ARTHUR_KILL_COGEN 323718	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	17.98 0.82 0.00	19.35 0.93 0.00	21.46 1.13 0.00	28.38 1.49 -0.50	32.49 1.74 -0.07	29.14 1.43 -0.58	23.85 1.23 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.49 1.24 -0.02	22.39 1.31 0.00	24.90 1.55 -0.12	30.92 1.85 -0.64	37.95 2.03 -1.00	35.50 1.80 0.00	34.61 1.88 0.00	32.63 1.77 -0.13	29.09 1.41 -0.38	21.98 1.19 -0.05	20.48 1.17 -0.01
ASHOKAN____ 23654	19.39 0.86 0.00	19.05 0.80 0.00	17.88 0.78 0.00	17.95 0.79 0.00	19.31 0.89 0.00	21.42 1.09 0.00	28.11 1.72 0.00	32.61 1.93 0.00	28.97 1.84 0.00	23.80 1.25 0.00	28.47 1.48 0.00	23.93 1.08 0.00	20.53 0.76 0.00	21.01 0.79 0.00	21.93 0.86 0.00	24.35 1.12 0.00	30.06 1.63 0.00	37.31 2.41 0.00	35.84 2.15 0.00	34.79 2.07 0.00	32.65 1.91 0.00	29.00 1.69 0.00	21.91 1.17 0.00	20.30 0.99 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.34 0.82 0.00	19.03 0.78 0.00	17.85 0.74 0.00	17.87 0.71 0.00	19.19 0.77 0.00	21.27 0.95 0.00	28.25 1.36 -0.50	32.36 1.62 -0.07	28.97 1.26 -0.58	23.83 1.20 -0.07	28.95 1.43 -0.53	24.40 1.31 -0.24	20.94 1.16 -0.01	21.45 1.20 -0.02	22.35 1.27 0.00	24.85 1.49 -0.12	30.79 1.73 -0.64	37.87 1.95 -1.00	35.41 1.71 0.00	34.44 1.71 0.00	32.46 1.59 -0.13	28.98 1.30 -0.38	21.87 1.08 -0.05	20.38 1.07 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	19.34 0.82 0.00	19.03 0.78 0.00	17.85 0.74 0.00	17.87 0.71 0.00	19.19 0.77 0.00	21.27 0.95 0.00	28.25 1.36 -0.50	32.36 1.62 -0.07	28.97 1.26 -0.58	23.83 1.20 -0.07	28.95 1.43 -0.53	24.40 1.31 -0.24	20.94 1.16 -0.01	21.45 1.20 -0.02	22.35 1.27 0.00	24.85 1.49 -0.12	30.79 1.73 -0.64	37.87 1.95 -1.00	35.41 1.71 0.00	34.44 1.71 0.00	32.46 1.59 -0.13	28.98 1.30 -0.38	21.87 1.08 -0.05	20.38 1.07 -0.01
ASTORIA_GT2_1 24094	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT2_2 24095	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT2_3 24096	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT2_4 24097	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT3_1 24098	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT3_2 24099	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT3_3 24100	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT3_4 24101	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT4_1 24102	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT4_2 24103	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT4_3 24104	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT4_4 24105	19.34 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.37 -0.50	32.36 1.61 -0.07	28.99 1.28 -0.59	23.84 1.22 -0.07	28.97 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.29 0.00	24.86 1.51 -0.12	30.81 1.75 -0.64	37.88 1.97 -1.00	35.43 1.73 0.00	34.46 1.73 0.00	32.49 1.62 -0.13	28.99 1.31 -0.38	21.88 1.09 -0.05	20.38 1.07 -0.01
ASTORIA_GT_1 23523	19.38 0.86 0.00	19.07 0.82 0.00	17.88 0.78 0.00	17.90 0.74 0.00	19.23 0.81 0.00	21.32 0.99 0.00	28.31 1.42 -0.50	32.43 1.69 -0.07	29.05 1.34 -0.58	23.89 1.27 -0.07	29.04 1.51 -0.53	24.46 1.38 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 -0.12	24.92 1.56 -0.64	30.87 1.80 -1.00	37.96 2.04 -1.00	35.50 1.80 0.00	34.52 1.80 0.00	32.54 1.67 -0.13	29.05 1.36 -0.38	21.92 1.13 -0.05	20.42 1.11 -0.01

ASTORIA_GT_10 24110	19.37 0.84 0.00	19.03 0.79 0.00	17.86 0.76 0.00	17.89 0.74 0.00	19.22 0.80 0.00	21.30 0.97 0.00	28.19 1.29 -0.50	32.29 1.54 -0.07	29.05 1.34 -0.59	23.84 1.21 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.37 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.95 2.04 -1.00	35.48 1.79 0.00	34.47 1.75 0.00	32.51 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.35 1.04 -0.01
ASTORIA_GT_11 24225	19.37 0.84 0.00	19.03 0.79 0.00	17.86 0.76 0.00	17.89 0.74 0.00	19.22 0.80 0.00	21.30 0.97 0.00	28.19 1.29 -0.50	32.29 1.54 -0.07	29.05 1.34 -0.59	23.84 1.21 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.37 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.95 2.04 -1.00	35.48 1.79 0.00	34.47 1.75 0.00	32.51 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.35 1.04 -0.01
ASTORIA_GT_12 24226	19.37 0.84 0.00	19.03 0.79 0.00	17.86 0.76 0.00	17.89 0.74 0.00	19.22 0.80 0.00	21.30 0.97 0.00	28.19 1.29 -0.50	32.29 1.54 -0.07	29.05 1.34 -0.59	23.84 1.21 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.37 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.95 2.04 -1.00	35.48 1.79 0.00	34.47 1.75 0.00	32.51 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.35 1.04 -0.01
ASTORIA_GT_13 24227	19.37 0.84 0.00	19.03 0.79 0.00	17.86 0.76 0.00	17.89 0.74 0.00	19.22 0.80 0.00	21.30 0.97 0.00	28.19 1.29 -0.50	32.29 1.54 -0.07	29.05 1.34 -0.59	23.84 1.21 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.37 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.95 2.04 -1.00	35.48 1.79 0.00	34.47 1.75 0.00	32.51 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.35 1.04 -0.01
ASTORIA_GT_5 24106	19.38 0.86 0.00	19.07 0.82 0.00	17.88 0.78 0.00	17.90 0.74 0.00	19.23 0.81 0.00	21.32 0.99 0.00	28.31 1.42 -0.50	32.43 1.69 -0.07	29.05 1.34 -0.58	23.89 1.27 -0.07	29.04 1.51 -0.53	24.46 1.38 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 0.00	24.92 1.56 -0.12	30.87 1.80 -0.64	37.96 2.04 -1.00	35.50 1.80 0.00	34.52 1.80 0.00	32.54 1.67 -0.13	29.05 1.36 -0.38	21.92 1.13 -0.05	20.42 1.11 -0.01
ASTORIA_GT_7 24107	19.38 0.86 0.00	19.07 0.82 0.00	17.88 0.78 0.00	17.90 0.74 0.00	19.23 0.81 0.00	21.32 0.99 0.00	28.31 1.42 -0.50	32.43 1.69 -0.07	29.05 1.34 -0.58	23.89 1.27 -0.07	29.04 1.51 -0.53	24.46 1.38 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 0.00	24.92 1.56 -0.12	30.87 1.80 -0.64	37.96 2.04 -1.00	35.50 1.80 0.00	34.52 1.80 0.00	32.54 1.67 -0.13	29.05 1.36 -0.38	21.92 1.13 -0.05	20.42 1.11 -0.01
ASTORIA_GT_8 24108	19.38 0.86 0.00	19.07 0.82 0.00	17.88 0.78 0.00	17.90 0.74 0.00	19.23 0.81 0.00	21.32 0.99 0.00	28.31 1.42 -0.50	32.42 1.67 -0.07	29.05 1.34 -0.59	23.89 1.26 -0.07	29.02 1.50 -0.53	24.46 1.38 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.92 1.56 -0.12	30.87 1.80 -0.64	37.95 2.04 -1.00	35.50 1.80 0.00	34.53 1.81 0.00	32.55 1.68 -0.13	29.05 1.36 -0.38	21.92 1.13 -0.05	20.42 1.10 -0.01
ASTORIA___2 24149	19.35 0.82 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.87 0.71 0.00	19.20 0.78 0.00	21.29 0.96 0.00	28.26 1.36 -0.50	32.37 1.62 -0.07	28.99 1.28 -0.58	23.85 1.22 -0.07	28.98 1.45 -0.53	24.41 1.33 -0.24	20.95 1.17 -0.01	21.46 1.21 -0.02	22.36 1.28 0.00	24.86 1.51 -0.12	30.81 1.74 -0.64	37.89 1.97 -1.00	35.43 1.73 0.00	34.45 1.73 0.00	32.48 1.61 -0.13	28.99 1.31 -0.38	21.88 1.10 -0.05	20.39 1.07 -0.01
ASTORIA___3 23516	19.37 0.85 0.00	19.04 0.79 0.00	17.86 0.76 0.00	17.89 0.73 0.00	19.22 0.80 0.00	21.29 0.97 0.00	28.18 1.29 -0.50	32.30 1.55 -0.07	29.04 1.34 -0.58	23.84 1.22 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.36 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.96 2.04 -1.00	35.48 1.79 0.00	34.47 1.74 0.00	32.50 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.36 1.04 -0.01
ASTORIA___4 23517	19.37 0.84 0.00	19.03 0.79 0.00	17.86 0.76 0.00	17.89 0.74 0.00	19.22 0.80 0.00	21.30 0.97 0.00	28.19 1.29 -0.50	32.29 1.54 -0.07	29.05 1.34 -0.59	23.84 1.21 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.37 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.95 2.04 -1.00	35.48 1.79 0.00	34.47 1.75 0.00	32.51 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.35 1.04 -0.01
ASTORIA___5 23518	19.37 0.84 0.00	19.04 0.79 0.00	17.86 0.76 0.00	17.89 0.73 0.00	19.22 0.80 0.00	21.29 0.97 0.00	28.18 1.29 -0.50	32.30 1.55 -0.07	29.04 1.34 -0.58	23.84 1.22 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.36 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.96 2.04 -1.00	35.48 1.79 0.00	34.47 1.74 0.00	32.50 1.63 -0.13	28.99 1.31 -0.38	21.87 1.08 -0.05	20.36 1.04 -0.01
AST_ENERGY_2_CC3 323677	19.37 0.85 0.00	19.02 0.77 0.00	17.85 0.75 0.00	17.89 0.73 0.00	19.24 0.82 0.00	21.32 0.99 0.00	28.17 1.28 -0.50	32.24 1.49 -0.07	29.03 1.32 -0.59	23.81 1.19 -0.07	28.95 1.43 -0.53	24.36 1.27 -0.24	20.93 1.15 -0.01	21.44 1.20 -0.02	22.34 1.27 0.00	24.86 1.51 -0.12	30.85 1.78 -0.64	37.94 2.02 -1.00	35.47 1.77 0.00	34.39 1.67 0.00	32.46 1.59 -0.13	28.96 1.28 -0.38	21.87 1.08 -0.05	20.35 1.03 -0.01
AST_ENERGY_2_CC4 323678	19.37 0.85 0.00	19.02 0.77 0.00	17.85 0.75 0.00	17.89 0.73 0.00	19.24 0.82 0.00	21.32 0.99 0.00	28.17 1.28 -0.50	32.24 1.49 -0.07	29.03 1.32 -0.59	23.81 1.19 -0.07	28.95 1.43 -0.53	24.36 1.27 -0.24	20.93 1.15 -0.01	21.44 1.20 -0.02	22.34 1.27 0.00	24.86 1.51 -0.12	30.85 1.78 -0.64	37.94 2.02 -1.00	35.47 1.77 0.00	34.39 1.67 0.00	32.46 1.59 -0.13	28.96 1.28 -0.38	21.87 1.08 -0.05	20.35 1.03 -0.01
ATHENS_STG_1 23668	19.10 0.58 0.00	18.78 0.52 0.00	17.64 0.54 0.00	17.69 0.53 0.00	19.02 0.60 0.00	21.02 0.69 0.00	27.43 0.88 -0.16	31.76 1.06 -0.02	28.24 0.93 -0.18	23.35 0.77 -0.02	28.07 0.91 -0.17	23.72 0.80 -0.07	20.48 0.71 0.00	20.97 0.74 -0.01	21.87 0.80 0.00	24.22 0.95 -0.04	29.76 1.13 -0.20	36.57 1.34 -0.31	34.89 1.19 0.00	33.89 1.17 0.00	31.85 1.07 -0.04	28.25 0.83 -0.12	21.44 0.69 -0.02	19.97 0.66 0.00
ATHENS_STG_2 23670	19.10 0.58 0.00	18.78 0.52 0.00	17.64 0.54 0.00	17.69 0.53 0.00	19.02 0.60 0.00	21.02 0.69 0.00	27.43 0.88 -0.16	31.76 1.06 -0.02	28.24 0.93 -0.18	23.35 0.77 -0.02	28.07 0.91 -0.17	23.72 0.80 -0.07	20.48 0.71 0.00	20.97 0.74 -0.01	21.87 0.80 0.00	24.22 0.95 -0.04	29.76 1.13 -0.20	36.57 1.34 -0.31	34.89 1.19 0.00	33.89 1.17 0.00	31.85 1.07 -0.04	28.25 0.83 -0.12	21.44 0.69 -0.02	19.97 0.66 0.00

ATHENS_STG_3 23677	19.10 0.58 0.00	18.78 0.52 0.00	17.64 0.54 0.00	17.69 0.53 0.00	19.02 0.60 0.00	21.02 0.69 0.00	27.43 0.88 -0.16	31.76 1.06 -0.02	28.24 0.93 -0.18	23.35 0.77 -0.02	28.07 0.91 -0.17	23.72 0.80 -0.07	20.48 0.71 0.00	20.97 0.74 -0.01	21.87 0.80 0.00	24.22 0.95 -0.04	29.76 1.13 -0.20	36.57 1.34 -0.31	34.89 1.19 0.00	33.89 1.17 0.00	31.85 1.07 -0.04	28.25 0.83 -0.12	21.44 0.69 -0.02	19.97 0.66 0.00
AUBURN____LFGE 323710	18.83 0.31 0.00	18.47 0.21 0.00	17.26 0.16 0.00	17.40 0.24 0.00	18.69 0.27 0.00	20.65 0.32 0.00	26.90 0.50 0.00	31.40 0.73 0.00	27.84 0.71 0.00	23.06 0.51 0.00	27.52 0.53 0.00	23.39 0.54 0.00	20.24 0.47 0.00	20.63 0.41 0.00	21.56 0.49 0.00	23.83 0.59 0.00	29.11 0.69 0.00	35.81 0.91 0.00	34.44 0.75 0.00	33.44 0.71 0.00	31.48 0.74 0.00	27.81 0.50 0.00	21.03 0.29 0.00	19.62 0.31 0.00
BABYLON_RES_REC 323704	21.94 1.39 -2.03	19.47 1.22 0.00	18.23 1.13 0.00	18.31 1.15 0.00	19.73 1.31 0.00	21.89 1.56 0.00	28.71 1.82 -0.50	34.00 1.95 -1.37	29.55 1.83 -0.59	24.27 1.64 -0.07	29.78 2.25 -0.53	24.98 1.89 -0.24	21.42 1.64 -0.01	22.12 1.78 -0.12	23.14 1.91 -0.16	26.86 2.22 -1.40	31.70 2.64 -0.64	40.75 2.82 -3.02	37.50 2.53 -1.28	35.83 2.46 -0.65	33.79 2.50 -0.55	35.06 1.99 -5.76	29.47 1.64 -7.09	20.85 1.53 -0.01
BABYLON__69_KV_BK2 356345	23.13 1.61 -3.00	19.69 1.44 0.00	18.43 1.33 0.00	18.52 1.36 0.00	19.95 1.53 0.00	22.15 1.82 0.00	29.03 2.14 -0.50	36.71 2.24 -3.79	29.87 2.15 -0.59	24.52 1.89 -0.07	30.10 2.58 -0.53	25.27 2.18 -0.24	21.67 1.89 -0.01	22.37 2.04 -0.12	23.40 2.17 -0.16	27.22 2.52 -1.47	32.08 3.01 -0.64	45.56 3.25 -7.40	41.28 2.90 -4.69	37.60 2.84 -2.04	34.31 2.90 -0.67	35.33 2.38 -5.65	29.61 1.93 -6.94	21.11 1.79 -0.01
BALL_HILL_WT_PWR 323825	18.19 -0.34 0.00	17.85 -0.40 0.00	16.60 -0.50 0.00	16.71 -0.45 0.00	17.96 -0.46 0.00	19.78 -0.55 0.00	25.97 -0.42 0.00	30.15 -0.53 0.00	26.89 -0.24 0.00	22.41 -0.14 0.00	26.94 -0.05 0.00	23.24 0.39 0.00	20.08 0.32 0.00	20.36 0.14 0.00	21.18 0.11 0.00	23.25 0.02 0.00	28.11 -0.32 0.00	34.49 -0.42 0.00	32.79 -0.90 0.00	31.85 -0.88 0.00	29.95 -0.79 0.00	26.75 -0.56 0.00	20.40 -0.34 0.00	19.12 -0.19 0.00
BARON_WINDS____WT_PWR 323822	18.41 -0.12 0.00	18.09 -0.16 0.00	16.82 -0.28 0.00	16.87 -0.29 0.00	18.17 -0.25 0.00	19.93 -0.39 0.00	26.21 -0.18 0.00	30.56 -0.12 0.00	27.16 0.04 0.00	22.56 0.00 0.00	27.11 0.12 0.00	23.25 0.40 0.00	20.08 0.31 0.00	20.33 0.11 0.00	21.12 0.05 0.00	23.20 -0.03 0.00	28.22 -0.21 0.00	34.84 -0.07 0.00	33.26 -0.44 0.00	32.11 -0.61 0.00	29.94 -0.79 0.00	26.62 -0.69 0.00	20.34 -0.40 0.00	19.02 -0.29 0.00
BARRETT_IC_1 23704	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_10 23701	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_11 23702	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_12 23703	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_2 23705	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_3 23706	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_4 23707	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_5 23708	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_6 23709	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01

BARRETT_IC_7 23710	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.21 1.46 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.15 1.42 -30.96	23.51 1.53 -1.76	24.59 1.63 -1.89	26.43 1.86 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.89 0.00	33.14 1.91 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_8 23711	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT_IC_9 23700	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT___1 23545	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BARRETT___2 23546	21.08 1.17 -1.39	19.27 1.02 0.00	18.05 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.66 1.33 0.00	28.39 1.50 -0.50	32.24 1.49 -0.07	29.10 1.38 -0.59	23.92 1.30 -0.07	29.37 1.85 -0.53	24.68 1.60 -0.24	52.14 1.42 -30.96	23.52 1.54 -1.76	24.59 1.63 -1.89	26.42 1.85 -1.33	31.21 2.15 -0.64	38.14 2.22 -1.00	35.64 1.94 0.00	34.62 1.90 0.00	33.13 1.90 -0.49	82.08 1.64 -53.14	42.78 1.37 -20.67	20.62 1.30 -0.01
BATAVIA___115KV_TB1 55881	18.33 -0.19 0.00	18.02 -0.24 0.00	16.79 -0.31 0.00	16.89 -0.27 0.00	18.12 -0.30 0.00	20.01 -0.32 0.00	26.31 -0.08 0.00	30.54 -0.14 0.00	27.19 0.06 0.00	22.52 -0.04 0.00	27.04 0.05 0.00	23.23 0.38 0.00	20.02 0.16 0.00	20.38 0.16 0.00	21.03 -0.05 0.00	22.95 -0.29 0.00	28.18 -0.25 0.00	34.60 -0.31 0.00	32.68 -1.01 0.00	31.91 -0.82 0.00	30.40 -0.34 0.00	27.17 -0.14 0.00	20.68 -0.05 0.00	19.38 0.07 0.00
BAYONEEC___CTG1 323682	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG10 323750	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG2 323683	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG3 323684	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG4 323685	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG5 323686	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG6 323687	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG7 323688	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BAYONEEC___CTG8 323689	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01

BAYONEEC___CTG9 323749	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.24 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.50 1.26 -0.02	22.40 1.33 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.04 2.13 -1.00	35.56 1.87 0.00	34.49 1.76 0.00	32.56 1.69 -0.13	29.05 1.37 -0.38	21.93 1.14 -0.05	20.41 1.10 -0.01
BEACON___LESR 323632	18.92 0.39 0.00	18.61 0.36 0.00	17.47 0.37 0.00	17.51 0.35 0.00	18.86 0.44 0.00	20.92 0.59 0.00	26.63 0.77 0.53	31.58 0.98 0.07	27.28 0.78 0.63	23.06 0.58 0.07	27.03 0.61 0.57	23.07 0.47 0.25	20.20 0.44 0.01	20.66 0.46 0.03	21.58 0.51 0.00	23.76 0.65 0.13	28.57 0.82 0.68	34.97 1.12 1.05	34.79 1.09 0.00	33.73 1.00 0.00	31.56 0.93 0.12	27.63 0.69 0.37	21.26 0.57 0.05	19.82 0.52 0.01
BEAVER RIVER___HYD 24048	18.58 0.05 0.00	18.29 0.04 0.00	17.13 0.03 0.00	17.16 0.00 0.00	18.46 0.04 0.00	20.51 0.18 0.00	26.68 0.28 0.00	30.63 -0.05 0.00	26.96 -0.16 0.00	22.39 -0.16 0.00	26.78 -0.21 0.00	22.42 -0.43 0.00	19.32 -0.45 0.00	19.77 -0.45 0.00	20.67 -0.40 0.00	22.65 -0.58 0.00	28.36 -0.07 0.00	34.99 0.08 0.00	33.95 0.25 0.00	33.01 0.28 0.00	30.68 -0.07 0.00	26.94 -0.37 0.00	20.12 -0.62 0.00	18.90 -0.41 0.00
BEEBEE_GT_13 23619	18.31 -0.22 0.00	18.01 -0.25 0.00	16.80 -0.30 0.00	16.89 -0.27 0.00	18.13 -0.29 0.00	20.00 -0.32 0.00	26.20 -0.19 0.00	30.48 -0.20 0.00	27.08 -0.05 0.00	22.46 -0.09 0.00	26.94 -0.05 0.00	23.03 0.18 0.00	19.91 0.14 0.00	20.25 0.03 0.00	21.12 0.04 0.00	23.20 -0.03 0.00	28.28 -0.15 0.00	34.77 -0.14 0.00	33.32 -0.38 0.00	32.40 -0.32 0.00	30.48 -0.27 0.00	27.13 -0.18 0.00	20.62 -0.12 0.00	19.25 -0.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.54 1.01 0.00	19.18 0.93 0.00	17.99 0.89 0.00	18.01 0.85 0.00	19.38 0.96 0.00	21.48 1.15 0.00	28.45 1.56 -0.50	32.61 1.86 -0.07	29.33 1.62 -0.59	24.06 1.44 -0.07	29.27 1.75 -0.53	24.64 1.56 -0.24	21.16 1.39 -0.01	21.67 1.43 -0.02	22.58 1.51 0.00	25.13 1.77 -0.12	31.16 2.09 -0.64	38.33 2.41 -1.00	35.83 2.13 0.00	34.85 2.12 0.00	32.86 1.99 -0.13	29.31 1.62 -0.38	22.10 1.31 -0.05	20.56 1.25 -0.01
BETHLEHEM___GRP 23843	18.61 0.09 0.00	18.32 0.07 0.00	17.21 0.11 0.00	17.26 0.09 0.00	18.56 0.14 0.00	20.55 0.22 0.00	26.14 0.27 0.52	30.98 0.37 0.07	26.81 0.30 0.61	22.68 0.20 0.07	26.62 0.18 0.55	22.74 0.13 0.24	19.89 0.13 0.01	20.36 0.17 0.03	21.26 0.19 0.00	23.37 0.26 0.12	28.13 0.36 0.65	34.41 0.52 1.02	34.15 0.45 0.00	33.14 0.41 0.00	31.06 0.43 0.12	27.18 0.23 0.35	20.92 0.23 0.04	19.51 0.21 0.01
BETHLEHEM___GS1 323560	18.61 0.09 0.00	18.32 0.07 0.00	17.21 0.11 0.00	17.26 0.09 0.00	18.56 0.14 0.00	20.55 0.22 0.00	26.14 0.27 0.52	30.98 0.38 0.07	26.82 0.30 0.61	22.69 0.20 0.07	26.62 0.18 0.55	22.74 0.13 0.24	19.89 0.13 0.01	20.36 0.17 0.03	21.26 0.19 0.00	23.37 0.26 0.12	28.14 0.36 0.65	34.41 0.52 1.02	34.15 0.46 0.00	33.14 0.41 0.00	31.05 0.43 0.12	27.18 0.23 0.35	20.92 0.23 0.04	19.51 0.21 0.01
BETHLEHEM___GS2 323561	18.61 0.09 0.00	18.32 0.07 0.00	17.21 0.11 0.00	17.26 0.09 0.00	18.56 0.14 0.00	20.55 0.22 0.00	26.14 0.27 0.52	30.98 0.38 0.07	26.82 0.30 0.61	22.69 0.20 0.07	26.62 0.18 0.55	22.74 0.13 0.24	19.89 0.13 0.01	20.36 0.17 0.03	21.26 0.19 0.00	23.37 0.26 0.12	28.14 0.36 0.65	34.41 0.52 1.02	34.15 0.46 0.00	33.14 0.41 0.00	31.05 0.43 0.12	27.18 0.23 0.35	20.92 0.23 0.04	19.51 0.21 0.01
BETHLEHEM___GS3 323562	18.61 0.09 0.00	18.32 0.07 0.00	17.21 0.11 0.00	17.26 0.09 0.00	18.56 0.14 0.00	20.55 0.22 0.00	26.14 0.27 0.52	30.98 0.38 0.07	26.82 0.30 0.61	22.69 0.20 0.07	26.62 0.18 0.55	22.74 0.13 0.24	19.89 0.13 0.01	20.36 0.17 0.03	21.26 0.19 0.00	23.37 0.26 0.12	28.14 0.36 0.65	34.41 0.52 1.02	34.15 0.46 0.00	33.14 0.41 0.00	31.05 0.43 0.12	27.18 0.23 0.35	20.92 0.23 0.04	19.51 0.21 0.01
BETHLEHEM___STEEL 23779	18.11 -0.42 0.00	17.80 -0.45 0.00	16.55 -0.55 0.00	16.67 -0.49 0.00	17.89 -0.54 0.00	19.68 -0.65 0.00	25.84 -0.56 0.00	29.95 -0.73 0.00	26.72 -0.40 0.00	22.29 -0.26 0.00	26.82 -0.17 0.00	23.12 0.27 0.00	20.02 0.24 0.00	20.28 0.05 0.00	21.06 -0.01 0.00	23.06 -0.18 0.00	27.91 -0.52 0.00	34.25 -0.66 0.00	32.56 -1.13 0.00	31.66 -1.07 0.00	29.80 -0.94 0.00	26.63 -0.67 0.00	20.35 -0.39 0.00	19.11 -0.20 0.00
BETHLHEM_115KV_TB1 79974	18.69 0.17 0.00	18.39 0.14 0.00	17.28 0.18 0.00	17.33 0.17 0.00	18.64 0.22 0.00	20.63 0.30 0.00	26.28 0.37 0.48	31.10 0.49 0.07	26.96 0.41 0.57	22.78 0.29 0.07	26.77 0.30 0.52	22.85 0.23 0.23	19.98 0.22 0.01	20.44 0.25 0.02	21.35 0.28 0.00	23.48 0.36 0.11	28.29 0.47 0.61	34.60 0.64 0.96	34.27 0.58 0.00	33.26 0.53 0.00	31.16 0.52 0.11	27.29 0.32 0.33	20.99 0.29 0.04	19.57 0.27 0.01
BETHPAGE_CC_5 323564	21.68 1.31 -1.85	19.40 1.15 0.00	18.17 1.07 0.00	18.24 1.09 0.00	19.65 1.23 0.00	21.80 1.47 0.00	28.61 1.72 -0.50	33.10 1.79 -0.64	29.39 1.68 -0.59	24.15 1.53 -0.07	29.61 2.08 -0.53	24.85 1.77 -0.24	22.33 1.56 -1.01	22.08 1.68 -0.18	23.10 1.80 -0.22	26.77 2.09 -1.45	31.48 2.41 -0.64	39.01 2.57 -1.53	35.97 2.28 0.00	35.13 2.23 -0.17	33.52 2.25 -0.53	36.76 1.83 -7.63	30.25 1.54 -7.97	20.76 1.44 -0.01
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	18.19 -0.33 0.00	17.87 -0.38 0.00	16.62 -0.48 0.00	16.74 -0.42 0.00	17.96 -0.46 0.00	19.77 -0.56 0.00	25.96 -0.43 0.00	30.11 -0.57 0.00	26.87 -0.25 0.00	22.41 -0.15 0.00	26.97 -0.02 0.00	23.24 0.40 0.00	20.11 0.34 0.00	20.37 0.15 0.00	21.16 0.09 0.00	23.18 -0.06 0.00	28.05 -0.38 0.00	34.43 -0.48 0.00	32.74 -0.95 0.00	31.84 -0.89 0.00	29.96 -0.78 0.00	26.77 -0.54 0.00	20.44 -0.30 0.00	19.19 -0.12 0.00
BINGHAMTON___COGEN 23790	18.82 0.30 0.00	18.49 0.24 0.00	17.29 0.19 0.00	17.35 0.20 0.00	18.67 0.24 0.00	20.56 0.23 0.00	26.88 0.49 0.00	31.29 0.61 0.00	27.67 0.54 0.00	22.98 0.43 0.00	27.43 0.44 0.00	23.35 0.50 0.00	20.21 0.44 0.00	20.61 0.39 0.00	21.52 0.45 0.00	23.79 0.55 0.00	29.02 0.60 0.00	35.62 0.71 0.00	34.19 0.50 0.00	33.21 0.48 0.00	31.14 0.40 0.00	27.67 0.37 0.00	21.03 0.29 0.00	19.59 0.28 0.00
BIXINCNT_115KV_LOAD 355685	18.41 -0.12 0.00	18.07 -0.18 0.00	16.77 -0.33 0.00	16.89 -0.27 0.00	18.18 -0.25 0.00	20.06 -0.27 0.00	26.35 -0.05 0.00	30.68 0.00 0.00	27.38 0.25 0.00	22.91 0.35 0.00	27.62 0.63 0.00	23.73 0.88 0.00	20.43 0.66 0.00	20.66 0.44 0.00	21.43 0.36 0.00	23.55 0.31 0.00	28.55 0.12 0.00	35.10 0.19 0.00	33.37 -0.32 0.00	32.44 -0.29 0.00	30.42 -0.33 0.00	26.88 -0.43 0.00	20.54 -0.20 0.00	19.30 -0.01 0.00

BLACK RIVER___HYD 24047	18.61 0.08 0.00	18.30 0.05 0.00	17.14 0.04 0.00	17.16 0.00 0.00	18.47 0.05 0.00	20.55 0.22 0.00	26.86 0.47 0.00	30.86 0.18 0.00	27.13 0.00 0.00	22.48 -0.07 0.00	26.81 -0.18 0.00	22.37 -0.48 0.00	19.33 -0.44 0.00	19.79 -0.43 0.00	20.79 -0.28 0.00	22.72 -0.51 0.00	28.64 0.20 0.00	35.40 0.49 0.00	34.32 0.62 0.00	33.37 0.64 0.00	30.81 0.07 0.00	26.95 -0.35 0.00	20.10 -0.64 0.00	18.76 -0.55 0.00
BLACKRVR_115KV_TB2 79977	18.61 0.08 0.00	18.30 0.05 0.00	17.14 0.04 0.00	17.16 0.00 0.00	18.47 0.05 0.00	20.55 0.22 0.00	26.86 0.47 0.00	30.86 0.18 0.00	27.13 0.00 0.00	22.48 -0.07 0.00	26.81 -0.18 0.00	22.37 -0.48 0.00	19.34 -0.43 0.00	19.79 -0.43 0.00	20.79 -0.28 0.00	22.72 -0.51 0.00	28.64 0.21 0.00	35.40 0.49 0.00	34.32 0.62 0.00	33.37 0.64 0.00	30.81 0.06 0.00	26.95 -0.35 0.00	20.10 -0.64 0.00	18.76 -0.55 0.00
BLISS_WT_PWR 323608	18.37 -0.16 0.00	18.02 -0.23 0.00	16.71 -0.38 0.00	16.84 -0.32 0.00	18.12 -0.30 0.00	20.03 -0.29 0.00	26.28 -0.11 0.00	30.61 -0.07 0.00	27.36 0.24 0.00	22.90 0.35 0.00	27.64 0.65 0.00	23.74 0.89 0.00	20.42 0.65 0.00	20.64 0.42 0.00	21.41 0.34 0.00	23.54 0.31 0.00	28.54 0.12 0.00	35.08 0.17 0.00	33.36 -0.34 0.00	32.41 -0.32 0.00	30.39 -0.36 0.00	26.74 -0.56 0.00	20.44 -0.30 0.00	19.22 -0.09 0.00
BLUESTONE___WT_PWR 323821	19.54 1.01 0.00	19.24 0.99 0.00	17.99 0.89 0.00	18.05 0.89 0.00	19.41 0.99 0.00	21.49 1.16 0.00	28.20 1.81 0.00	32.84 2.16 0.00	28.63 1.51 0.00	23.81 1.26 0.00	28.11 1.12 0.00	23.61 0.76 0.00	20.36 0.60 0.00	20.76 0.54 0.00	21.72 0.65 0.00	24.21 0.97 0.00	29.63 1.20 0.00	36.52 1.61 0.00	35.13 1.44 0.00	34.09 1.37 0.00	31.93 1.19 0.00	28.23 0.93 0.00	21.37 0.63 0.00	19.82 0.51 0.00
BLUE_CIRC_CHEM_DRP 24182	19.02 0.50 0.00	18.73 0.48 0.00	17.59 0.49 0.00	17.65 0.49 0.00	18.98 0.56 0.00	20.99 0.66 0.00	26.93 0.86 0.33	31.66 1.03 0.05	27.62 0.87 0.38	23.18 0.68 0.05	27.40 0.76 0.35	23.32 0.62 0.15	20.31 0.56 0.01	20.76 0.56 0.02	21.69 0.62 0.00	23.88 0.72 0.08	28.91 0.90 0.41	35.44 1.19 0.66	34.81 1.11 0.00	33.78 1.05 0.00	31.61 0.94 0.08	27.76 0.70 0.24	21.29 0.58 0.03	19.85 0.54 0.00
BOC_GAS_DRP 24189	18.93 0.41 0.00	18.62 0.37 0.00	17.49 0.39 0.00	17.55 0.39 0.00	18.87 0.45 0.00	20.85 0.52 0.00	26.75 0.66 0.30	31.43 0.79 0.04	27.46 0.69 0.35	23.06 0.54 0.04	27.30 0.63 0.32	23.25 0.54 0.14	20.24 0.48 0.01	20.71 0.51 0.02	21.62 0.55 0.00	23.82 0.65 0.07	28.83 0.79 0.39	35.26 0.97 0.62	34.58 0.88 0.00	33.58 0.85 0.00	31.41 0.74 0.08	27.60 0.53 0.24	21.17 0.46 0.03	19.74 0.43 0.00
BOONVILLE_115KV_TB1 79983	18.87 0.35 0.00	18.58 0.33 0.00	17.39 0.29 0.00	17.44 0.28 0.00	18.76 0.34 0.00	20.80 0.47 0.00	27.03 0.64 0.00	31.17 0.50 0.00	27.44 0.31 0.00	22.75 0.20 0.00	27.20 0.21 0.00	22.92 0.07 0.00	19.81 0.04 0.00	20.24 0.02 0.00	21.10 0.03 0.00	23.25 0.01 0.00	28.85 0.42 0.00	35.49 0.58 0.00	34.38 0.68 0.00	33.42 0.69 0.00	31.22 0.48 0.00	27.66 0.36 0.00	20.82 0.08 0.00	19.47 0.16 0.00
BORALEX_4TH_BRANCH 23824	19.47 0.95 0.00	19.19 0.94 0.00	18.00 0.90 0.00	18.08 0.92 0.00	19.43 1.01 0.00	21.52 1.19 0.00	26.22 1.23 1.41	32.02 1.54 0.20	26.69 1.22 1.66	23.19 0.84 0.20	26.30 0.81 1.50	22.87 0.69 0.66	20.36 0.63 0.03	20.83 0.68 0.07	21.79 0.72 0.01	23.72 0.82 0.33	27.53 0.90 1.80	33.17 1.09 2.83	34.82 1.13 0.00	33.78 1.06 0.00	31.42 1.02 0.35	27.09 0.83 1.04	21.35 0.74 0.13	20.00 0.71 0.02
BOWLINE___1 23526	19.33 0.81 0.00	18.96 0.71 0.00	17.78 0.68 0.00	17.83 0.67 0.00	19.20 0.77 0.00	21.25 0.91 0.00	28.03 1.23 -0.40	32.23 1.50 -0.06	28.93 1.32 -0.47	23.72 1.11 -0.06	28.77 1.35 -0.43	24.21 1.17 -0.19	20.84 1.06 -0.01	21.34 1.10 -0.02	22.26 1.19 0.00	24.77 1.44 -0.09	30.67 1.72 -0.51	37.76 2.04 -0.81	35.54 1.84 0.00	34.43 1.71 0.00	32.42 1.58 -0.10	28.89 1.28 -0.30	21.83 1.05 -0.04	20.29 0.98 0.00
BOWLINE___2 23595	19.33 0.81 0.00	18.96 0.71 0.00	17.78 0.68 0.00	17.83 0.67 0.00	19.20 0.77 0.00	21.25 0.91 0.00	28.03 1.23 -0.40	32.23 1.50 -0.06	28.93 1.32 -0.47	23.72 1.11 -0.06	28.77 1.35 -0.43	24.21 1.17 -0.19	20.84 1.06 -0.01	21.34 1.10 -0.02	22.26 1.19 0.00	24.77 1.44 -0.09	30.67 1.73 -0.51	37.76 2.04 -0.81	35.54 1.85 0.00	34.43 1.71 0.00	32.42 1.58 -0.10	28.89 1.28 -0.30	21.83 1.05 -0.04	20.29 0.98 0.00
BRADY___115KV_TB2 356060	18.70 0.18 0.00	18.49 0.24 0.00	17.31 0.21 0.00	17.36 0.20 0.00	18.60 0.18 0.00	20.54 0.21 0.00	26.73 0.33 0.00	31.07 0.39 0.00	27.40 0.28 0.00	22.72 0.16 0.00	27.25 0.26 0.00	22.91 0.06 0.00	19.68 -0.09 0.00	20.19 -0.03 0.00	21.03 -0.04 0.00	23.17 -0.06 0.00	28.29 -0.14 0.00	34.85 -0.06 0.00	33.93 0.23 0.00	32.95 0.22 0.00	30.98 0.24 0.00	27.63 0.33 0.00	20.93 0.19 0.00	19.46 0.15 0.00
BRANSCOMB___SOLAR 323811	19.40 0.88 0.00	19.11 0.86 0.00	17.87 0.77 0.00	17.98 0.82 0.00	19.34 0.91 0.00	21.43 1.10 0.00	27.41 1.55 0.53	32.52 1.91 0.07	28.17 1.67 0.62	23.80 1.32 0.07	27.94 1.52 0.56	23.83 1.23 0.25	20.78 1.02 0.01	21.27 1.08 0.03	22.15 1.08 0.00	24.27 1.16 0.12	29.24 1.47 0.67	35.80 1.94 1.05	35.55 1.85 0.00	34.50 1.77 0.00	32.22 1.60 0.12	28.14 1.21 0.37	21.67 0.98 0.05	20.19 0.89 0.01
BRENTWOD_69_KV_W. BRTWOOD 56703	23.39 1.59 -3.27	19.67 1.42 0.00	18.41 1.31 0.00	18.50 1.34 0.00	19.93 1.51 0.00	22.12 1.79 0.00	28.93 2.04 -0.50	37.00 2.06 -4.26	29.71 2.00 -0.59	24.40 1.77 -0.07	30.00 2.48 -0.53	25.18 2.10 -0.24	20.29 1.81 1.28	22.22 1.96 -0.04	23.23 2.08 -0.08	27.05 2.41 -1.39	31.96 2.89 -0.64	45.36 2.99 -7.46	40.37 2.58 -4.09	37.32 2.53 -2.07	34.06 2.66 -0.65	32.90 2.24 -3.35	28.53 1.83 -5.96	21.04 1.72 -0.01
BRISTLHL_115KV_TB1 79998	18.33 -0.19 0.00	18.04 -0.21 0.00	16.88 -0.21 0.00	16.94 -0.22 0.00	18.20 -0.22 0.00	20.10 -0.23 0.00	26.90 0.51 0.00	31.24 0.56 0.00	27.54 0.41 0.00	22.83 0.27 0.00	27.24 0.25 0.00	23.08 0.23 0.00	19.99 0.22 0.00	20.43 0.21 0.00	21.30 0.23 0.00	23.51 0.28 0.00	28.88 0.45 0.00	35.53 0.62 0.00	34.22 0.52 0.00	33.26 0.53 0.00	30.48 -0.26 0.00	27.06 -0.25 0.00	20.55 -0.20 0.00	19.10 -0.20 0.00
BROOKHAVEN___DRP 24191	29.26 1.70 -9.04	19.79 1.53 0.00	18.52 1.42 0.00	18.61 1.45 0.00	20.04 1.62 0.00	22.25 1.92 -0.01	29.16 2.26 -0.51	51.09 2.40 -18.01	30.02 2.30 -0.60	24.58 1.96 -0.07	30.27 2.74 -0.54	25.41 2.32 -0.24	20.22 2.00 1.54	22.46 2.21 -0.03	23.50 2.36 -0.06	27.84 2.73 -1.88	32.33 3.25 -0.65	70.35 3.53 -31.91	59.55 3.13 -22.72	45.63 3.04 -9.86	35.25 3.14 -1.37	32.63 2.46 -2.87	28.47 2.00 -5.73	21.19 1.88 -0.01

BROOKLYN_NAVY_YARD 23515	19.41 0.89 0.00	19.08 0.83 0.00	17.91 0.81 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.38 1.05 0.00	28.24 1.35 -0.50	32.36 1.61 -0.07	29.12 1.41 -0.59	23.85 1.23 -0.07	29.02 1.49 -0.53	24.40 1.32 -0.24	20.98 1.20 -0.01	21.49 1.24 -0.02	22.39 1.31 0.00	24.91 1.56 -0.12	30.90 1.83 -0.64	38.02 2.11 -1.00	35.55 1.86 0.00	34.48 1.76 0.00	32.53 1.66 -0.13	29.03 1.35 -0.38	21.91 1.12 -0.05	20.39 1.07 -0.01
BROOKLYN___ARMY_DRP 323595	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
BROOKVLE_69_KV_TB1 55790	21.86 1.22 -2.12	19.33 1.08 0.00	18.11 1.02 0.00	18.18 1.02 0.00	19.57 1.15 0.00	21.70 1.37 0.00	28.60 1.70 -0.50	32.60 1.85 -0.07	29.42 1.71 -0.59	24.14 1.52 -0.07	29.50 1.98 -0.53	24.79 1.71 -0.24	24.92 1.53 -3.63	22.20 1.62 -0.36	23.23 1.73 -0.44	27.20 1.99 -1.97	31.42 2.36 -0.64	38.51 2.60 -1.00	36.05 2.36 0.00	34.99 2.26 0.00	33.64 2.22 -0.67	43.07 1.81 -13.96	34.39 1.48 -12.17	20.70 1.38 -0.02
BROOME_2_LFGE 323671	18.82 0.30 0.00	18.49 0.24 0.00	17.29 0.19 0.00	17.35 0.20 0.00	18.67 0.24 0.00	20.56 0.23 0.00	26.89 0.49 0.00	31.28 0.60 0.00	27.67 0.54 0.00	22.98 0.42 0.00	27.43 0.44 0.00	23.35 0.50 0.00	20.21 0.44 0.00	20.61 0.39 0.00	21.52 0.45 0.00	23.79 0.55 0.00	29.02 0.59 0.00	35.62 0.71 0.00	34.19 0.50 0.00	33.21 0.48 0.00	31.14 0.40 0.00	27.67 0.37 0.00	21.03 0.29 0.00	19.59 0.28 0.00
BROOME___LFGE 323600	18.82 0.30 0.00	18.49 0.24 0.00	17.29 0.19 0.00	17.35 0.20 0.00	18.67 0.24 0.00	20.56 0.23 0.00	26.89 0.49 0.00	31.28 0.60 0.00	27.67 0.54 0.00	22.98 0.42 0.00	27.43 0.44 0.00	23.35 0.50 0.00	20.21 0.44 0.00	20.61 0.39 0.00	21.52 0.45 0.00	23.79 0.55 0.00	29.02 0.59 0.00	35.62 0.71 0.00	34.19 0.50 0.00	33.21 0.48 0.00	31.14 0.40 0.00	27.67 0.37 0.00	21.03 0.29 0.00	19.59 0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	18.52 0.00 0.00	18.26 0.01 0.00	17.10 0.00 0.00	17.13 -0.03 0.00	18.41 -0.02 0.00	20.40 0.07 0.00	26.53 0.14 0.00	30.64 -0.04 0.00	27.01 -0.12 0.00	22.44 -0.11 0.00	26.86 -0.13 0.00	22.49 -0.36 0.00	19.28 -0.49 0.00	19.76 -0.47 0.00	20.61 -0.46 0.00	22.63 -0.61 0.00	28.02 -0.41 0.00	34.55 -0.36 0.00	33.57 -0.13 0.00	32.61 -0.11 0.00	30.49 -0.26 0.00	26.99 -0.31 0.00	20.30 -0.44 0.00	18.99 -0.32 0.00
BROWNSV1_27_KV_LOAD 356125	19.59 1.07 0.00	19.23 0.98 0.00	18.04 0.94 0.00	18.07 0.91 0.00	19.44 1.02 0.00	21.55 1.22 0.00	28.52 1.62 -0.50	32.66 1.91 -0.07	29.43 1.72 -0.59	24.12 1.49 -0.07	29.34 1.82 -0.53	24.69 1.61 -0.24	21.21 1.44 -0.01	21.73 1.48 -0.02	22.64 1.57 0.00	25.20 1.84 -0.12	31.24 2.18 -0.64	38.44 2.52 -1.00	35.96 2.26 0.00	34.88 2.16 0.00	32.91 2.04 -0.13	29.35 1.67 -0.38	22.14 1.36 -0.05	20.60 1.29 -0.01
BURROWS___LYONSDAL 23803	18.80 0.28 0.00	18.51 0.25 0.00	17.33 0.23 0.00	17.37 0.21 0.00	18.69 0.27 0.00	20.74 0.41 0.00	26.94 0.54 0.00	31.00 0.32 0.00	27.28 0.16 0.00	22.64 0.09 0.00	27.08 0.09 0.00	22.79 -0.06 0.00	19.68 -0.08 0.00	20.12 -0.10 0.00	20.98 -0.09 0.00	23.08 -0.15 0.00	28.72 0.29 0.00	35.36 0.45 0.00	34.26 0.56 0.00	33.30 0.58 0.00	31.07 0.33 0.00	27.45 0.14 0.00	20.61 -0.13 0.00	19.32 0.02 0.00
CAITHNESS_CC_1 323624	29.30 1.65 -9.13	19.73 1.48 0.00	18.47 1.37 0.00	18.55 1.40 0.00	20.00 1.58 0.00	22.19 1.86 -0.01	29.07 2.17 -0.51	51.10 2.35 -18.07	29.93 2.20 -0.60	24.52 1.90 -0.07	30.20 2.67 -0.54	25.34 2.26 -0.24	20.15 1.93 1.55	22.39 2.14 -0.03	23.42 2.28 -0.06	27.75 2.64 -1.87	32.23 3.14 -0.65	70.01 3.38 -31.72	59.01 2.99 -22.32	45.44 2.91 -9.81	35.09 2.98 -1.36	32.52 2.35 -2.85	28.39 1.93 -5.73	21.14 1.82 -0.01
CALPINE BETH_PAGE_GT4 24209	21.65 1.27 -1.86	19.36 1.11 0.00	18.13 1.03 0.00	18.21 1.05 0.00	19.61 1.19 0.00	21.76 1.43 0.00	28.56 1.66 -0.50	32.84 1.67 -0.49	29.32 1.61 -0.59	24.09 1.46 -0.07	29.51 1.99 -0.53	24.77 1.69 -0.24	23.40 1.50 -2.12	22.09 1.62 -0.24	23.10 1.73 -0.30	26.78 2.01 -1.53	31.35 2.28 -0.64	38.71 2.40 -1.40	35.83 2.14 0.00	34.93 2.08 -0.13	33.41 2.12 -0.55	38.74 1.72 -9.72	31.19 1.48 -8.96	20.71 1.39 -0.01
CALPINE_BETH_PAGE_GT_4 323586	21.65 1.27 -1.86	19.36 1.11 0.00	18.13 1.03 0.00	18.21 1.05 0.00	19.61 1.19 0.00	21.76 1.43 0.00	28.56 1.66 -0.50	32.87 1.71 -0.49	29.33 1.61 -0.59	24.09 1.46 -0.07	29.51 1.99 -0.53	24.78 1.69 -0.24	23.39 1.50 -2.12	22.09 1.62 -0.24	23.10 1.73 -0.30	26.77 2.00 -1.53	31.35 2.28 -0.64	38.72 2.41 -1.40	35.83 2.14 0.00	34.93 2.08 -0.13	33.40 2.10 -0.55	38.74 1.72 -9.72	31.19 1.48 -8.96	20.71 1.39 -0.01
CALPINE_BP_GT1 23823	21.65 1.27 -1.86	19.36 1.11 0.00	18.13 1.03 0.00	18.21 1.05 0.00	19.61 1.19 0.00	21.76 1.43 0.00	28.56 1.66 -0.50	32.87 1.71 -0.49	29.33 1.61 -0.59	24.09 1.46 -0.07	29.51 1.99 -0.53	24.78 1.69 -0.24	23.39 1.50 -2.12	22.09 1.62 -0.24	23.10 1.73 -0.30	26.77 2.00 -1.53	31.35 2.28 -0.64	38.72 2.41 -1.40	35.83 2.14 0.00	34.93 2.08 -0.13	33.40 2.10 -0.55	38.74 1.72 -9.72	31.19 1.48 -8.96	20.71 1.39 -0.01
CALSPAN___DRP 24200	18.11 -0.42 0.00	17.80 -0.45 0.00	16.55 -0.55 0.00	16.67 -0.49 0.00	17.89 -0.54 0.00	19.68 -0.65 0.00	25.84 -0.56 0.00	29.95 -0.73 0.00	26.72 -0.40 0.00	22.29 -0.26 0.00	26.82 -0.17 0.00	23.12 0.27 0.00	20.02 0.24 0.00	20.28 0.05 0.00	21.06 -0.01 0.00	23.06 -0.18 0.00	27.91 -0.52 0.00	34.25 -0.66 0.00	32.56 -1.13 0.00	31.66 -1.07 0.00	29.80 -0.94 0.00	26.63 -0.67 0.00	20.35 -0.39 0.00	19.11 -0.20 0.00
CALVERTON___SOLAR 323806	29.30 1.77 -9.01	19.84 1.59 0.00	18.57 1.47 0.00	18.66 1.50 0.00	20.11 1.68 0.00	22.32 1.99 -0.01	29.26 2.36 -0.51	51.29 2.61 -18.00	30.15 2.42 -0.60	24.67 2.04 -0.07	30.37 2.85 -0.54	25.49 2.41 -0.24	20.28 2.05 1.54	22.54 2.29 -0.03	23.59 2.45 -0.06	27.94 2.83 -1.88	32.47 3.39 -0.65	70.61 3.70 -31.99	59.88 3.31 -22.87	45.83 3.21 -9.89	35.39 3.28 -1.37	32.74 2.57 -2.87	28.55 2.08 -5.73	21.26 1.94 -0.01
CANDIGU_WT_PWR 323617	18.41 -0.12 0.00	18.09 -0.16 0.00	16.82 -0.28 0.00	16.87 -0.29 0.00	18.17 -0.25 0.00	19.93 -0.39 0.00	26.21 -0.18 0.00	30.56 -0.12 0.00	27.16 0.04 0.00	22.56 0.00 0.00	27.11 0.12 0.00	23.25 0.40 0.00	20.08 0.31 0.00	20.33 0.11 0.00	21.12 0.05 0.00	23.20 -0.03 0.00	28.22 -0.21 0.00	34.84 -0.07 0.00	33.26 -0.44 0.00	32.11 -0.61 0.00	29.94 -0.79 0.00	26.62 -0.69 0.00	20.34 -0.40 0.00	19.02 -0.29 0.00

CARR STREET_E__SYR 24060	18.46 -0.07 0.00	18.16 -0.09 0.00	17.00 -0.10 0.00	17.06 -0.10 0.00	18.33 -0.09 0.00	20.21 -0.12 0.00	26.35 -0.05 0.00	30.63 -0.05 0.00	27.09 -0.03 0.00	22.48 -0.08 0.00	26.86 -0.13 0.00	22.81 -0.04 0.00	19.75 -0.02 0.00	20.17 -0.05 0.00	21.04 -0.03 0.00	23.23 0.00 0.00	28.42 -0.01 0.00	34.91 0.00 0.00	33.58 -0.11 0.00	32.63 -0.09 0.00	30.62 -0.13 0.00	27.25 -0.06 0.00	20.69 -0.04 0.00	19.27 -0.04 0.00
CARTHAGE__PAPER 23857	18.70 0.17 0.00	18.40 0.15 0.00	17.23 0.13 0.00	17.26 0.10 0.00	18.57 0.15 0.00	20.65 0.32 0.00	26.92 0.53 0.00	30.89 0.21 0.00	27.16 0.04 0.00	22.52 -0.04 0.00	26.86 -0.13 0.00	22.44 -0.41 0.00	19.37 -0.40 0.00	19.82 -0.40 0.00	20.77 -0.31 0.00	22.74 -0.50 0.00	28.62 0.18 0.00	35.35 0.44 0.00	34.31 0.61 0.00	33.35 0.62 0.00	30.92 0.17 0.00	27.11 -0.19 0.00	20.23 -0.51 0.00	18.94 -0.37 0.00
CASSADAGA_WT_PWR 323784	18.18 -0.34 0.00	17.81 -0.44 0.00	16.54 -0.57 0.00	16.69 -0.47 0.00	18.02 -0.40 0.00	19.88 -0.45 0.00	26.14 -0.26 0.00	30.44 -0.24 0.00	27.12 -0.01 0.00	22.66 0.11 0.00	27.31 0.32 0.00	23.63 0.79 0.00	20.24 0.48 0.00	20.54 0.32 0.00	21.49 0.42 0.00	23.58 0.34 0.00	28.42 -0.01 0.00	35.01 0.10 0.00	33.14 -0.56 0.00	32.06 -0.66 0.00	30.09 -0.65 0.00	26.89 -0.42 0.00	20.30 -0.44 0.00	18.94 -0.36 0.00
CE_DUNWOOD__DRP 24194	19.40 0.87 0.00	19.03 0.78 0.00	17.86 0.76 0.00	17.90 0.75 0.00	19.26 0.84 0.00	21.33 1.00 0.00	28.20 1.31 -0.50	32.31 1.56 -0.07	29.09 1.38 -0.58	23.81 1.19 -0.07	28.98 1.45 -0.53	24.36 1.28 -0.24	20.92 1.15 -0.01	21.44 1.19 -0.02	22.35 1.28 0.00	24.87 1.51 -0.12	30.86 1.80 -0.64	37.98 2.07 -1.00	35.57 1.87 0.00	34.50 1.77 0.00	32.53 1.66 -0.13	29.01 1.33 -0.38	21.88 1.09 -0.05	20.34 1.03 -0.01
CE_MILLWOOD__DRP 24193	19.37 0.85 0.00	19.01 0.76 0.00	17.84 0.74 0.00	17.89 0.73 0.00	19.24 0.82 0.00	21.30 0.98 0.00	28.16 1.28 -0.49	32.27 1.52 -0.07	29.05 1.34 -0.58	23.78 1.16 -0.07	28.93 1.41 -0.53	24.32 1.24 -0.23	20.89 1.11 -0.01	21.40 1.15 -0.02	22.31 1.24 0.00	24.83 1.48 -0.12	30.81 1.75 -0.63	37.93 2.03 -0.99	35.53 1.83 0.00	34.46 1.74 0.00	32.49 1.62 -0.12	28.97 1.29 -0.37	21.85 1.06 -0.05	20.32 1.01 -0.01
CE_NYC2_DRP 24202	19.39 0.87 0.00	19.06 0.80 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.32 1.00 0.00	28.23 1.33 -0.50	32.33 1.58 -0.07	29.09 1.38 -0.59	23.87 1.24 -0.07	29.03 1.51 -0.53	24.44 1.35 -0.24	20.99 1.21 -0.01	21.49 1.24 -0.02	22.40 1.32 0.00	24.93 1.57 -0.12	30.90 1.83 -0.64	38.01 2.09 -1.00	35.53 1.84 0.00	34.52 1.79 0.00	32.55 1.68 -0.13	29.03 1.35 -0.38	21.90 1.12 -0.05	20.38 1.06 -0.01
CE_NYC_DRP 24195	19.44 0.92 0.00	19.09 0.84 0.00	17.92 0.82 0.00	17.95 0.80 0.00	19.31 0.89 0.00	21.40 1.07 0.00	28.30 1.41 -0.50	32.41 1.66 -0.07	29.18 1.47 -0.59	23.91 1.28 -0.07	29.10 1.58 -0.53	24.49 1.41 -0.24	21.04 1.26 -0.01	21.55 1.30 -0.02	22.46 1.38 0.00	24.99 1.64 -0.12	30.99 1.92 -0.64	38.13 2.21 -1.00	35.66 1.96 0.00	34.58 1.85 0.00	32.63 1.76 -0.13	29.10 1.42 -0.38	21.96 1.18 -0.05	20.44 1.12 -0.01
CHAFFEE__LFGE 323603	18.16 -0.37 0.00	17.84 -0.41 0.00	16.59 -0.51 0.00	16.71 -0.45 0.00	17.93 -0.49 0.00	19.75 -0.58 0.00	25.93 -0.46 0.00	30.10 -0.58 0.00	26.85 -0.27 0.00	22.38 -0.17 0.00	26.92 -0.07 0.00	23.21 0.36 0.00	20.09 0.32 0.00	20.35 0.13 0.00	21.14 0.07 0.00	23.17 -0.07 0.00	28.02 -0.41 0.00	34.37 -0.54 0.00	32.73 -0.96 0.00	31.82 -0.90 0.00	29.97 -0.78 0.00	26.74 -0.56 0.00	20.43 -0.31 0.00	19.17 -0.14 0.00
CHATEAUG_35_KV_LOAD 355732	18.85 0.33 0.00	18.68 0.43 0.00	17.47 0.37 0.00	17.50 0.34 0.00	18.80 0.38 0.00	20.74 0.41 0.00	26.93 0.54 0.00	31.38 0.70 0.00	27.78 0.66 0.00	23.18 0.63 0.00	27.83 0.84 0.00	23.40 0.55 0.00	20.01 0.24 0.00	20.61 0.38 0.00	21.39 0.32 0.00	23.73 0.50 0.00	29.09 0.66 0.00	35.79 0.88 0.00	34.76 1.06 0.00	33.57 0.84 0.00	31.36 0.62 0.00	27.79 0.48 0.00	20.95 0.21 0.00	19.35 0.04 0.00
CHATEAUG_WT_PWR 323614	18.85 0.32 0.00	18.67 0.42 0.00	17.46 0.37 0.00	17.50 0.34 0.00	18.81 0.39 0.00	20.75 0.42 0.00	26.93 0.54 0.00	31.40 0.72 0.00	27.78 0.65 0.00	23.17 0.62 0.00	27.81 0.82 0.00	23.40 0.55 0.00	20.02 0.25 0.00	20.62 0.40 0.00	21.40 0.33 0.00	23.76 0.53 0.00	29.12 0.69 0.00	35.79 0.89 0.00	34.76 1.06 0.00	33.56 0.84 0.00	31.33 0.59 0.00	27.75 0.44 0.00	20.94 0.20 0.00	19.34 0.03 0.00
CHAT_HIGH_FALL_HYD 323578	18.85 0.33 0.00	18.68 0.43 0.00	17.47 0.37 0.00	17.50 0.34 0.00	18.81 0.38 0.00	20.74 0.41 0.00	26.93 0.54 0.00	31.39 0.72 0.00	27.78 0.65 0.00	23.18 0.63 0.00	27.82 0.83 0.00	23.40 0.55 0.00	20.00 0.24 0.00	20.61 0.38 0.00	21.39 0.32 0.00	23.73 0.50 0.00	29.09 0.66 0.00	35.79 0.88 0.00	34.76 1.06 0.00	33.57 0.84 0.00	31.35 0.61 0.00	27.79 0.48 0.00	20.95 0.21 0.00	19.35 0.04 0.00
CHAUTAUQUA__LFGE 323629	18.22 -0.31 0.00	17.86 -0.39 0.00	16.61 -0.49 0.00	16.73 -0.43 0.00	18.01 -0.41 0.00	19.83 -0.49 0.00	26.05 -0.34 0.00	30.28 -0.40 0.00	27.00 -0.13 0.00	22.52 -0.04 0.00	27.06 0.06 0.00	23.37 0.52 0.00	20.16 0.39 0.00	20.44 0.22 0.00	21.31 0.24 0.00	23.38 0.15 0.00	28.26 -0.17 0.00	34.71 -0.20 0.00	32.95 -0.75 0.00	31.95 -0.77 0.00	30.04 -0.70 0.00	26.84 -0.46 0.00	20.41 -0.33 0.00	19.11 -0.20 0.00
CHERRYST_13_KV_LD 356241	19.49 0.97 0.00	19.13 0.88 0.00	17.96 0.86 0.00	18.00 0.84 0.00	19.36 0.94 0.00	21.45 1.12 0.00	28.37 1.48 -0.50	32.50 1.75 -0.07	29.27 1.56 -0.59	23.98 1.36 -0.07	29.19 1.67 -0.53	24.56 1.48 -0.24	21.11 1.33 -0.01	21.62 1.37 -0.02	22.52 1.45 0.00	25.07 1.72 -0.12	31.08 2.01 -0.64	38.24 2.33 -1.00	35.76 2.06 0.00	34.67 1.95 0.00	32.71 1.84 -0.13	29.18 1.50 -0.38	22.02 1.23 -0.05	20.49 1.17 -0.01
CHESTROR_138KV_BK263 355645	19.29 0.77 0.00	18.93 0.68 0.00	17.75 0.65 0.00	17.81 0.65 0.00	19.16 0.74 0.00	21.20 0.87 0.00	27.93 1.16 -0.37	32.16 1.43 -0.05	28.83 1.27 -0.44	23.65 1.05 -0.05	28.64 1.25 -0.40	24.11 1.09 -0.17	20.76 0.99 -0.01	21.26 1.03 -0.02	22.17 1.10 0.00	24.66 1.33 -0.09	30.50 1.60 -0.48	37.56 1.90 -0.75	35.42 1.72 0.00	34.34 1.61 0.00	32.34 1.50 -0.09	28.79 1.20 -0.28	21.75 0.98 -0.04	20.22 0.91 0.00
CH_MIDHUDSON__DRP 24192	19.36 0.83 0.00	19.01 0.76 0.00	17.84 0.73 0.00	17.88 0.73 0.00	19.24 0.82 0.00	21.29 0.97 0.00	27.95 1.25 -0.31	32.21 1.49 -0.04	28.81 1.33 -0.36	23.72 1.12 -0.04	28.65 1.34 -0.32	24.15 1.16 -0.14	20.82 1.05 -0.01	21.33 1.09 -0.02	22.25 1.17 0.00	24.71 1.40 -0.07	30.50 1.68 -0.39	37.51 1.99 -0.61	35.52 1.82 0.00	34.47 1.74 0.00	32.42 1.60 -0.08	28.82 1.28 -0.23	21.80 1.03 -0.03	20.28 0.97 0.00

CH_MISC_IPPS 23765	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	18.00 0.84 0.00	19.37 0.94 0.00	21.44 1.11 0.00	28.24 1.49 -0.36	32.52 1.79 -0.05	29.12 1.58 -0.42	23.93 1.32 -0.05	28.93 1.56 -0.38	24.36 1.34 -0.17	20.99 1.21 -0.01	21.50 1.26 -0.02	22.42 1.35 0.00	24.93 1.61 -0.08	30.84 1.96 -0.45	37.96 2.34 -0.71	35.86 2.16 0.00	34.79 2.06 0.00	32.74 1.90 -0.09	29.11 1.54 -0.27	22.00 1.23 -0.03	20.45 1.13 0.00
CH_RES_BVR_FALLS 23983	18.43 -0.09 0.00	18.19 -0.06 0.00	17.04 -0.06 0.00	17.09 -0.07 0.00	18.33 -0.09 0.00	20.22 -0.11 0.00	26.24 -0.16 0.00	30.51 -0.17 0.00	26.97 -0.16 0.00	22.45 -0.10 0.00	26.91 -0.08 0.00	22.73 -0.11 0.00	19.64 -0.13 0.00	20.11 -0.11 0.00	20.94 -0.13 0.00	23.04 -0.19 0.00	28.19 -0.24 0.00	34.61 -0.30 0.00	33.52 -0.18 0.00	32.56 -0.17 0.00	30.60 -0.14 0.00	27.19 -0.12 0.00	20.62 -0.12 0.00	19.19 -0.11 0.00
CH_RES_NIAGARA 23895	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.07 -1.26 0.00	24.89 -1.50 0.00	28.72 -1.96 0.00	25.72 -1.41 0.00	21.44 -1.11 0.00	25.83 -1.16 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.58 -0.64 0.00	20.33 -0.75 0.00	22.19 -1.04 0.00	26.75 -1.67 0.00	32.65 -2.25 0.00	31.03 -2.67 0.00	30.23 -2.49 0.00	28.54 -2.20 0.00	25.56 -1.74 0.00	19.68 -1.06 0.00	18.55 -0.76 0.00
CH_RES_SYRACUSE 23985	18.63 0.10 0.00	18.33 0.08 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.50 0.08 0.00	20.43 0.10 0.00	26.74 0.35 0.00	31.06 0.38 0.00	27.43 0.31 0.00	22.75 0.19 0.00	27.16 0.17 0.00	23.09 0.24 0.00	19.99 0.22 0.00	20.39 0.17 0.00	21.28 0.21 0.00	23.50 0.26 0.00	28.75 0.32 0.00	35.33 0.42 0.00	34.01 0.31 0.00	33.03 0.30 0.00	30.90 0.16 0.00	27.50 0.20 0.00	20.86 0.13 0.00	19.43 0.12 0.00
CLINTON_WT_PWR 323605	18.85 0.32 0.00	18.67 0.42 0.00	17.46 0.37 0.00	17.50 0.34 0.00	18.81 0.39 0.00	20.75 0.42 0.00	26.93 0.54 0.00	31.40 0.72 0.00	27.78 0.65 0.00	23.17 0.62 0.00	27.81 0.82 0.00	23.40 0.55 0.00	20.02 0.25 0.00	20.62 0.40 0.00	21.40 0.33 0.00	23.76 0.53 0.00	29.12 0.69 0.00	35.79 0.89 0.00	34.76 1.06 0.00	33.56 0.84 0.00	31.33 0.59 0.00	27.75 0.44 0.00	20.94 0.20 0.00	19.34 0.03 0.00
CLINTON__LFGE 323618	19.04 0.51 0.00	18.86 0.61 0.00	17.64 0.54 0.00	17.68 0.53 0.00	19.02 0.60 0.00	21.00 0.67 0.00	27.29 0.89 0.00	31.83 1.15 0.00	28.13 1.01 0.00	23.53 0.97 0.00	28.14 1.16 0.00	23.70 0.85 0.00	20.28 0.51 0.00	20.87 0.65 0.00	21.59 0.52 0.00	24.04 0.80 0.00	29.43 1.00 0.00	36.24 1.33 0.00	35.21 1.51 0.00	34.00 1.28 0.00	31.76 1.01 0.00	28.09 0.79 0.00	21.20 0.46 0.00	19.58 0.27 0.00
COBBLENY_34_KV_TB1 80064	18.16 -0.36 0.00	17.84 -0.41 0.00	16.59 -0.51 0.00	16.71 -0.45 0.00	17.93 -0.49 0.00	19.73 -0.60 0.00	25.93 -0.46 0.00	30.13 -0.55 0.00	26.85 -0.27 0.00	22.39 -0.16 0.00	26.93 -0.06 0.00	23.21 0.36 0.00	20.10 0.33 0.00	20.35 0.13 0.00	21.14 0.07 0.00	23.15 -0.08 0.00	28.02 -0.41 0.00	34.39 -0.51 0.00	32.73 -0.97 0.00	31.82 -0.90 0.00	29.95 -0.79 0.00	26.74 -0.57 0.00	20.43 -0.31 0.00	19.17 -0.14 0.00
COFFEEN__115KV_TB3 355620	18.70 0.17 0.00	18.38 0.13 0.00	17.21 0.11 0.00	17.24 0.08 0.00	18.56 0.14 0.00	20.65 0.32 0.00	27.06 0.66 0.00	31.09 0.41 0.00	27.31 0.19 0.00	22.56 0.00 0.00	26.88 -0.11 0.00	22.38 -0.46 0.00	19.35 -0.42 0.00	19.81 -0.41 0.00	20.86 -0.21 0.00	22.80 -0.44 0.00	28.80 0.37 0.00	35.64 0.73 0.00	34.56 0.86 0.00	33.61 0.88 0.00	31.02 0.28 0.00	27.16 -0.14 0.00	20.26 -0.48 0.00	18.89 -0.42 0.00
COLDSPRG_115KV_BK1 355956	18.80 0.28 0.00	18.44 0.19 0.00	17.14 0.04 0.00	17.28 0.12 0.00	18.64 0.22 0.00	20.53 0.20 0.00	27.09 0.69 0.00	31.57 0.89 0.00	28.09 0.97 0.00	23.44 0.88 0.00	28.18 1.19 0.00	24.27 1.42 0.00	20.90 1.13 0.00	21.20 0.98 0.00	22.08 1.01 0.00	24.24 1.00 0.00	29.32 0.89 0.00	36.05 1.14 0.00	34.27 0.57 0.00	33.24 0.51 0.00	31.21 0.46 0.00	27.84 0.54 0.00	21.13 0.39 0.00	19.74 0.43 0.00
COLONIE_LFGE__ 323577	19.14 0.62 0.00	18.85 0.60 0.00	17.67 0.58 0.00	17.75 0.59 0.00	19.08 0.66 0.00	21.13 0.80 0.00	26.78 1.02 0.64	31.86 1.27 0.09	27.45 1.07 0.74	23.29 0.83 0.09	27.23 0.92 0.67	23.30 0.75 0.30	20.41 0.65 0.01	20.88 0.69 0.03	21.79 0.73 0.00	23.90 0.82 0.15	28.64 1.01 0.80	34.95 1.31 1.26	34.93 1.24 0.00	33.91 1.18 0.00	31.68 1.09 0.15	27.68 0.82 0.45	21.36 0.68 0.06	19.93 0.63 0.01
COOPERNY_115KV_TB1 80082	19.14 0.61 0.00	18.79 0.54 0.00	17.63 0.53 0.00	17.68 0.52 0.00	19.02 0.60 0.00	21.02 0.69 0.00	27.56 0.94 -0.23	31.85 1.14 -0.03	28.41 1.01 -0.27	23.42 0.83 -0.03	28.22 0.98 -0.25	23.83 0.87 -0.11	20.57 0.79 0.00	21.05 0.82 -0.01	21.95 0.87 0.00	24.35 1.06 -0.05	29.99 1.27 -0.30	36.88 1.50 -0.46	35.04 1.34 0.00	34.00 1.27 0.00	31.98 1.17 -0.06	28.42 0.94 -0.17	21.53 0.77 -0.02	20.03 0.72 0.00
COPENHAGEN_WT_PWR 323753	18.52 -0.01 0.00	18.21 -0.05 0.00	17.06 -0.04 0.00	17.08 -0.07 0.00	18.39 -0.04 0.00	20.45 0.13 0.00	26.70 0.30 0.00	30.61 -0.07 0.00	26.94 -0.19 0.00	22.41 -0.15 0.00	26.74 -0.25 0.00	22.34 -0.51 0.00	19.32 -0.45 0.00	19.77 -0.46 0.00	20.74 -0.33 0.00	22.65 -0.59 0.00	28.54 0.11 0.00	35.24 0.33 0.00	34.14 0.44 0.00	33.20 0.47 0.00	30.61 -0.14 0.00	26.69 -0.61 0.00	19.86 -0.87 0.00	18.52 -0.78 0.00
CORNELL____ 23752	19.04 0.51 0.00	18.71 0.46 0.00	17.49 0.39 0.00	17.56 0.40 0.00	18.89 0.46 0.00	20.84 0.51 0.00	27.28 0.88 0.00	31.73 1.06 0.00	28.03 0.90 0.00	23.17 0.61 0.00	27.58 0.59 0.00	23.41 0.56 0.00	20.23 0.46 0.00	20.61 0.39 0.00	21.60 0.53 0.00	23.95 0.71 0.00	29.24 0.81 0.00	36.01 1.10 0.00	34.63 0.93 0.00	33.65 0.92 0.00	31.55 0.80 0.00	28.02 0.72 0.00	21.27 0.54 0.00	19.79 0.49 0.00
CORONAAV_69_KV_TB1 355595	22.16 1.28 -2.35	19.38 1.12 0.00	18.16 1.05 0.00	18.23 1.07 0.00	19.63 1.21 0.00	21.77 1.44 0.00	28.61 1.72 -0.50	32.53 1.78 -0.07	29.35 1.64 -0.59	24.11 1.48 -0.07	29.55 2.03 -0.53	24.82 1.74 -0.24	39.88 1.55 -18.57	23.03 1.64 -1.17	24.12 1.74 -1.30	27.43 2.02 -2.18	31.45 2.38 -0.64	38.46 2.54 -1.00	36.00 2.31 0.00	34.96 2.24 0.00	33.71 2.23 -0.74	66.95 1.87 -37.78	42.23 1.53 -19.96	20.76 1.44 -0.02
CORTLAND_115KV_TB3 80093	18.89 0.36 0.00	18.57 0.32 0.00	17.37 0.27 0.00	17.43 0.27 0.00	18.74 0.32 0.00	20.68 0.35 0.00	27.02 0.63 0.00	31.36 0.68 0.00	27.71 0.58 0.00	22.96 0.40 0.00	27.37 0.38 0.00	23.25 0.40 0.00	20.12 0.36 0.00	20.51 0.29 0.00	21.43 0.36 0.00	23.73 0.49 0.00	28.97 0.54 0.00	35.64 0.73 0.00	34.30 0.60 0.00	33.31 0.59 0.00	31.23 0.49 0.00	27.73 0.42 0.00	21.05 0.31 0.00	19.58 0.27 0.00

COXSACKIE___GT 23611	19.53 1.01 0.00	19.21 0.96 0.00	18.02 0.92 0.00	18.10 0.95 0.00	19.49 1.07 0.00	21.63 1.30 0.00	28.07 1.92 0.24	33.06 2.42 0.03	28.90 2.06 0.28	23.97 1.45 0.03	28.32 1.59 0.26	23.79 1.06 0.11	20.52 0.76 0.01	20.95 0.74 0.01	21.86 0.79 0.00	24.16 0.98 0.06	29.58 1.46 0.31	36.96 2.53 0.49	36.27 2.58 0.00	35.19 2.46 0.00	32.93 2.25 0.06	28.91 1.78 0.17	22.01 1.29 0.02	20.43 1.12 0.00
CPV_VALLEY___CC1 323721	19.22 0.70 0.00	18.87 0.62 0.00	17.70 0.60 0.00	17.75 0.59 0.00	19.11 0.68 0.00	21.13 0.80 0.00	27.79 1.07 -0.33	32.02 1.29 -0.05	28.66 1.15 -0.39	23.56 0.96 -0.05	28.49 1.15 -0.35	24.00 1.00 -0.15	20.69 0.91 -0.01	21.18 0.94 -0.02	22.08 1.01 0.00	24.53 1.22 -0.08	30.31 1.46 -0.42	37.30 1.73 -0.66	35.25 1.55 0.00	34.19 1.46 0.00	32.18 1.36 -0.08	28.65 1.09 -0.25	21.66 0.89 -0.03	20.15 0.83 0.00
CPV_VALLEY___CC2 323722	19.22 0.70 0.00	18.87 0.62 0.00	17.70 0.60 0.00	17.75 0.59 0.00	19.11 0.68 0.00	21.13 0.80 0.00	27.79 1.07 -0.33	32.02 1.29 -0.05	28.66 1.15 -0.39	23.56 0.96 -0.05	28.49 1.15 -0.35	24.00 1.00 -0.15	20.69 0.91 -0.01	21.18 0.94 -0.02	22.08 1.01 0.00	24.53 1.22 -0.08	30.31 1.46 -0.42	37.30 1.73 -0.66	35.25 1.55 0.00	34.19 1.46 0.00	32.18 1.36 -0.08	28.65 1.09 -0.25	21.66 0.89 -0.03	20.15 0.83 0.00
CRESCENT___HYD 24018	19.14 0.62 0.00	18.85 0.60 0.00	17.67 0.58 0.00	17.75 0.59 0.00	19.08 0.66 0.00	21.13 0.80 0.00	26.78 1.02 0.64	31.86 1.27 0.09	27.45 1.07 0.74	23.29 0.83 0.09	27.23 0.92 0.67	23.30 0.75 0.30	20.41 0.65 0.01	20.88 0.69 0.03	21.79 0.73 0.00	23.90 0.82 0.15	28.64 1.01 0.80	34.95 1.31 1.26	34.93 1.24 0.00	33.91 1.18 0.00	31.68 1.09 0.15	27.68 0.82 0.45	21.36 0.68 0.06	19.93 0.63 0.01
CRICKET___VALLEY_CC1 323756	19.11 0.58 0.00	18.78 0.53 0.00	17.62 0.52 0.00	17.67 0.52 0.00	19.01 0.59 0.00	21.02 0.69 0.00	19.26 0.79 7.92	30.56 0.99 1.11	18.67 0.84 9.30	22.16 0.72 1.11	19.42 0.86 8.44	19.88 0.76 3.73	20.30 0.70 0.16	20.56 0.73 0.39	21.83 0.81 0.05	22.34 0.98 1.88	19.48 1.14 10.09	20.27 1.31 15.95	34.92 1.22 0.00	33.87 1.15 0.00	29.76 1.02 2.00	22.08 0.75 5.98	20.63 0.65 0.76	19.85 0.64 0.10
CRICKET___VALLEY_CC2 323757	19.11 0.58 0.00	18.78 0.53 0.00	17.62 0.52 0.00	17.67 0.52 0.00	19.01 0.59 0.00	21.02 0.69 0.00	19.26 0.79 7.92	30.56 0.99 1.11	18.67 0.84 9.30	22.16 0.72 1.11	19.42 0.86 8.44	19.88 0.76 3.73	20.30 0.70 0.16	20.56 0.73 0.39	21.83 0.81 0.05	22.34 0.98 1.88	19.48 1.14 10.09	20.27 1.31 15.95	34.92 1.22 0.00	33.87 1.15 0.00	29.76 1.02 2.00	22.08 0.75 5.98	20.63 0.65 0.76	19.85 0.64 0.10
CRICKET___VALLEY_CC3 323758	19.11 0.58 0.00	18.78 0.53 0.00	17.62 0.52 0.00	17.67 0.52 0.00	19.01 0.59 0.00	21.02 0.69 0.00	19.26 0.79 7.92	30.56 0.99 1.11	18.67 0.84 9.30	22.16 0.72 1.11	19.42 0.86 8.44	19.88 0.76 3.73	20.30 0.70 0.16	20.56 0.73 0.39	21.83 0.81 0.05	22.34 0.98 1.88	19.48 1.14 10.09	20.27 1.31 15.95	34.92 1.22 0.00	33.87 1.15 0.00	29.76 1.02 2.00	22.08 0.75 5.98	20.63 0.65 0.76	19.85 0.64 0.10
CRUCIBLE_METL_DRP 24180	18.63 0.11 0.00	18.33 0.08 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.50 0.08 0.00	20.42 0.09 0.00	26.74 0.35 0.00	31.07 0.39 0.00	27.43 0.31 0.00	22.75 0.19 0.00	27.16 0.17 0.00	23.09 0.24 0.00	19.98 0.21 0.00	20.39 0.17 0.00	21.28 0.21 0.00	23.50 0.26 0.00	28.75 0.32 0.00	35.33 0.42 0.00	34.01 0.31 0.00	33.03 0.30 0.00	30.90 0.15 0.00	27.50 0.20 0.00	20.86 0.13 0.00	19.43 0.12 0.00
DAHOWA___HYDRO 323763	19.47 0.95 0.00	19.19 0.93 0.00	17.93 0.84 0.00	18.07 0.91 0.00	19.43 1.00 0.00	21.54 1.21 0.00	27.62 1.74 0.51	32.75 2.14 0.07	28.38 1.86 0.60	23.96 1.47 0.07	28.15 1.70 0.54	23.99 1.38 0.24	20.89 1.13 0.01	21.39 1.19 0.03	22.26 1.19 0.00	24.36 1.24 0.12	29.38 1.60 0.65	36.01 2.13 1.02	35.73 2.03 0.00	34.68 1.95 0.00	32.36 1.74 0.12	28.26 1.32 0.36	21.75 1.06 0.05	20.27 0.97 0.01
DANC___LFGE 323619	18.41 -0.11 0.00	18.11 -0.14 0.00	16.96 -0.14 0.00	17.00 -0.16 0.00	18.29 -0.13 0.00	20.28 -0.04 0.00	26.65 0.26 0.00	30.73 0.05 0.00	27.08 -0.05 0.00	22.47 -0.08 0.00	26.80 -0.19 0.00	22.51 -0.34 0.00	19.48 -0.28 0.00	19.92 -0.30 0.00	20.86 -0.21 0.00	22.86 -0.37 0.00	28.53 0.10 0.00	35.19 0.28 0.00	34.02 0.32 0.00	33.07 0.34 0.00	30.50 -0.25 0.00	26.78 -0.52 0.00	20.11 -0.63 0.00	18.74 -0.57 0.00
DANSKAMMER___1 23586	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	18.00 0.84 0.00	19.37 0.94 0.00	21.44 1.11 0.00	28.24 1.49 -0.36	32.52 1.79 -0.05	29.12 1.58 -0.42	23.93 1.32 -0.05	28.93 1.56 -0.38	24.36 1.34 -0.17	20.99 1.21 -0.01	21.50 1.26 -0.02	22.42 1.35 0.00	24.93 1.61 -0.08	30.84 1.96 -0.45	37.96 2.34 -0.71	35.86 2.16 0.00	34.79 2.06 0.00	32.74 1.90 -0.09	29.11 1.54 -0.27	22.00 1.23 -0.03	20.45 1.13 0.00
DANSKAMMER___2 23589	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	18.00 0.84 0.00	19.37 0.94 0.00	21.44 1.11 0.00	28.24 1.49 -0.36	32.52 1.79 -0.05	29.12 1.58 -0.42	23.93 1.32 -0.05	28.93 1.56 -0.38	24.36 1.34 -0.17	20.99 1.21 -0.01	21.50 1.26 -0.02	22.42 1.35 0.00	24.93 1.61 -0.08	30.84 1.96 -0.45	37.96 2.34 -0.71	35.86 2.16 0.00	34.79 2.06 0.00	32.74 1.90 -0.09	29.11 1.54 -0.27	22.00 1.23 -0.03	20.45 1.13 0.00
DANSKAMMER___3 23590	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	18.00 0.84 0.00	19.37 0.94 0.00	21.44 1.11 0.00	28.24 1.49 -0.36	32.52 1.79 -0.05	29.12 1.58 -0.42	23.93 1.32 -0.05	28.93 1.56 -0.38	24.36 1.34 -0.17	20.99 1.21 -0.01	21.50 1.26 -0.02	22.42 1.35 0.00	24.93 1.61 -0.08	30.84 1.96 -0.45	37.96 2.34 -0.71	35.86 2.16 0.00	34.79 2.06 0.00	32.74 1.90 -0.09	29.11 1.54 -0.27	22.00 1.23 -0.03	20.45 1.13 0.00
DANSKAMMER___4 23591	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	18.00 0.84 0.00	19.37 0.94 0.00	21.44 1.11 0.00	28.24 1.49 -0.36	32.52 1.79 -0.05	29.12 1.58 -0.42	23.93 1.32 -0.05	28.93 1.56 -0.38	24.36 1.34 -0.17	20.99 1.21 -0.01	21.50 1.26 -0.02	22.42 1.35 0.00	24.93 1.61 -0.08	30.84 1.96 -0.45	37.96 2.34 -0.71	35.86 2.16 0.00	34.79 2.06 0.00	32.74 1.90 -0.09	29.11 1.54 -0.27	22.00 1.23 -0.03	20.45 1.13 0.00
DANSKAMMER___DIESEL 23592	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	18.00 0.84 0.00	19.37 0.94 0.00	21.44 1.12 0.00	28.24 1.49 -0.36	32.51 1.78 -0.05	29.12 1.58 -0.42	23.92 1.32 -0.05	28.93 1.56 -0.38	24.36 1.34 -0.17	20.99 1.21 -0.01	21.50 1.26 -0.02	22.42 1.35 0.00	24.93 1.62 -0.08	30.84 1.96 -0.45	37.95 2.33 -0.71	35.86 2.16 0.00	34.79 2.06 0.00	32.74 1.90 -0.09	29.11 1.54 -0.27	22.00 1.23 -0.03	20.45 1.13 0.00

DARBY___SOLAR 323810	19.40 0.88 0.00	19.12 0.87 0.00	17.87 0.78 0.00	17.99 0.83 0.00	19.34 0.92 0.00	21.44 1.11 0.00	27.44 1.57 0.53	32.55 1.95 0.07	28.20 1.69 0.62	23.83 1.35 0.07	27.99 1.56 0.56	23.88 1.27 0.25	20.81 1.05 0.01	21.30 1.10 0.03	22.17 1.11 0.00	24.29 1.18 0.12	29.26 1.50 0.67	35.84 1.98 1.05	35.57 1.88 0.00	34.53 1.81 0.00	32.23 1.61 0.12	28.16 1.23 0.37	21.68 0.99 0.05	20.20 0.90 0.01
DASHVILLE___HYD 23610	19.37 0.84 0.00	19.00 0.75 0.00	17.84 0.73 0.00	17.88 0.72 0.00	19.24 0.82 0.00	21.28 0.96 0.00	27.87 1.31 -0.16	32.16 1.46 -0.02	28.69 1.37 -0.19	23.68 1.10 -0.02	28.51 1.35 -0.17	24.10 1.17 -0.07	20.78 1.01 0.00	21.31 1.09 -0.01	22.22 1.14 0.00	24.69 1.42 -0.04	30.38 1.75 -0.20	37.31 2.08 -0.32	35.52 1.82 0.00	34.47 1.75 0.00	32.42 1.63 -0.04	28.81 1.39 -0.12	21.84 1.08 -0.02	20.31 1.00 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	29.58 2.12 -8.93	20.19 1.94 0.00	18.89 1.79 0.00	18.98 1.82 0.00	20.46 2.04 0.00	22.72 2.39 -0.01	29.85 2.95 -0.51	51.97 3.36 -17.94	30.98 3.25 -0.60	25.33 2.70 -0.07	31.14 3.61 -0.54	26.15 3.07 -0.24	20.87 2.64 1.53	23.14 2.89 -0.03	24.24 3.11 -0.06	28.69 3.57 -1.88	33.40 4.31 -0.65	71.90 4.86 -32.13	61.27 4.39 -23.17	46.88 4.23 -9.93	36.42 4.30 -1.37	33.38 3.19 -2.88	29.01 2.53 -5.74	21.65 2.33 -0.01
DELAWARE___LFGE 323621	19.09 0.57 0.00	18.77 0.52 0.00	17.62 0.51 0.00	17.67 0.52 0.00	19.01 0.59 0.00	20.98 0.65 0.00	27.32 0.93 0.00	31.77 1.10 0.00	28.10 0.97 0.00	23.34 0.78 0.00	27.87 0.87 0.00	23.63 0.78 0.00	20.45 0.68 0.00	20.91 0.68 0.00	21.81 0.73 0.00	24.14 0.90 0.00	29.51 1.08 0.00	36.22 1.31 0.00	34.82 1.12 0.00	33.85 1.12 0.00	31.77 1.02 0.00	28.15 0.84 0.00	21.40 0.66 0.00	19.91 0.60 0.00
DERFIELD_115KV_TB7 355931	18.57 0.05 0.00	18.29 0.04 0.00	17.15 0.05 0.00	17.20 0.04 0.00	18.48 0.06 0.00	20.41 0.08 0.00	26.44 0.05 0.00	30.70 0.02 0.00	27.14 0.02 0.00	22.58 0.02 0.00	27.00 0.01 0.00	22.85 0.00 0.00	19.78 0.01 0.00	20.22 0.00 0.00	21.07 0.00 0.00	23.24 0.00 0.00	28.48 0.05 0.00	34.97 0.06 0.00	33.74 0.05 0.00	32.78 0.05 0.00	30.81 0.06 0.00	27.35 0.05 0.00	20.76 0.02 0.00	19.33 0.02 0.00
DOGLEVILLE___HYD 23807	18.96 0.43 0.00	18.63 0.38 0.00	17.49 0.39 0.00	17.56 0.40 0.00	18.91 0.49 0.00	21.01 0.68 0.00	27.34 0.95 0.00	31.68 1.00 0.00	27.90 0.77 0.00	23.06 0.50 0.00	27.43 0.44 0.00	22.89 0.05 0.00	19.90 0.13 0.00	20.23 0.00 0.00	21.01 -0.06 0.00	23.25 0.01 0.00	28.65 0.22 0.00	35.59 0.68 0.00	34.40 0.70 0.00	33.38 0.65 0.00	31.34 0.60 0.00	28.06 0.76 0.00	21.30 0.56 0.00	19.71 0.40 0.00
DUNKIRK___115KV_TB_200 55889	18.23 -0.30 0.00	17.87 -0.38 0.00	16.62 -0.48 0.00	16.74 -0.42 0.00	18.01 -0.41 0.00	19.82 -0.51 0.00	26.05 -0.34 0.00	30.29 -0.39 0.00	26.99 -0.14 0.00	22.51 -0.04 0.00	27.05 0.06 0.00	23.34 0.50 0.00	20.15 0.38 0.00	20.43 0.21 0.00	21.29 0.22 0.00	23.35 0.11 0.00	28.23 -0.20 0.00	34.68 -0.23 0.00	32.92 -0.78 0.00	31.93 -0.79 0.00	30.03 -0.71 0.00	26.85 -0.46 0.00	20.43 -0.31 0.00	19.13 -0.18 0.00
DUNKIRK___1 23563	18.23 -0.30 0.00	17.87 -0.38 0.00	16.62 -0.48 0.00	16.74 -0.42 0.00	18.01 -0.41 0.00	19.82 -0.51 0.00	26.05 -0.34 0.00	30.29 -0.39 0.00	26.99 -0.14 0.00	22.51 -0.04 0.00	27.05 0.06 0.00	23.34 0.50 0.00	20.15 0.38 0.00	20.43 0.21 0.00	21.29 0.22 0.00	23.35 0.11 0.00	28.23 -0.20 0.00	34.68 -0.23 0.00	32.92 -0.78 0.00	31.93 -0.79 0.00	30.03 -0.71 0.00	26.85 -0.46 0.00	20.43 -0.31 0.00	19.13 -0.18 0.00
DUNKIRK___2 23564	18.23 -0.30 0.00	17.87 -0.38 0.00	16.62 -0.48 0.00	16.74 -0.42 0.00	18.01 -0.41 0.00	19.82 -0.51 0.00	26.05 -0.34 0.00	30.29 -0.39 0.00	26.99 -0.14 0.00	22.51 -0.04 0.00	27.05 0.06 0.00	23.34 0.50 0.00	20.15 0.38 0.00	20.43 0.21 0.00	21.29 0.22 0.00	23.35 0.11 0.00	28.23 -0.20 0.00	34.68 -0.23 0.00	32.92 -0.78 0.00	31.93 -0.79 0.00	30.03 -0.71 0.00	26.85 -0.46 0.00	20.43 -0.31 0.00	19.13 -0.18 0.00
DUNKIRK___3 23565	18.25 -0.27 0.00	17.90 -0.35 0.00	16.64 -0.46 0.00	16.77 -0.39 0.00	18.03 -0.39 0.00	19.83 -0.50 0.00	26.07 -0.32 0.00	30.32 -0.36 0.00	27.00 -0.13 0.00	22.52 -0.04 0.00	27.04 0.05 0.00	23.32 0.48 0.00	20.16 0.39 0.00	20.43 0.21 0.00	21.27 0.20 0.00	23.35 0.11 0.00	28.25 -0.18 0.00	34.67 -0.24 0.00	32.95 -0.75 0.00	31.97 -0.75 0.00	30.06 -0.68 0.00	26.85 -0.45 0.00	20.46 -0.28 0.00	19.16 -0.14 0.00
DUNKIRK___4 23566	18.20 -0.32 0.00	17.86 -0.39 0.00	16.61 -0.49 0.00	16.73 -0.43 0.00	17.98 -0.43 0.00	19.79 -0.54 0.00	26.01 -0.38 0.00	30.23 -0.45 0.00	26.94 -0.18 0.00	22.47 -0.09 0.00	27.01 0.02 0.00	23.30 0.45 0.00	20.13 0.36 0.00	20.40 0.18 0.00	21.23 0.16 0.00	23.28 0.04 0.00	28.16 -0.26 0.00	34.59 -0.32 0.00	32.85 -0.84 0.00	31.89 -0.83 0.00	29.99 -0.75 0.00	26.80 -0.50 0.00	20.42 -0.32 0.00	19.14 -0.17 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.42 0.90 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.35 1.02 0.00	28.24 1.35 -0.50	32.34 1.59 -0.07	29.13 1.42 -0.59	23.85 1.22 -0.07	29.03 1.51 -0.53	24.41 1.32 -0.24	20.96 1.18 -0.01	21.48 1.23 -0.02	22.39 1.32 0.00	24.92 1.56 -0.12	30.91 1.84 -0.64	38.04 2.13 -1.00	35.61 1.91 0.00	34.54 1.81 0.00	32.57 1.70 -0.13	29.05 1.37 -0.38	21.91 1.12 -0.05	20.38 1.07 -0.01
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.38 0.85 0.00	19.02 0.77 0.00	17.84 0.74 0.00	17.89 0.73 0.00	19.26 0.83 0.00	21.30 0.98 0.00	28.05 1.30 -0.35	32.31 1.58 -0.05	28.94 1.40 -0.41	23.76 1.16 -0.05	28.73 1.37 -0.37	24.20 1.18 -0.16	20.84 1.07 -0.01	21.36 1.12 -0.02	22.27 1.19 0.00	24.76 1.44 -0.08	30.63 1.76 -0.44	37.70 2.10 -0.70	35.62 1.92 0.00	34.54 1.82 0.00	32.51 1.68 -0.09	28.93 1.36 -0.26	21.87 1.09 -0.03	20.32 1.01 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.36 0.84 0.00	19.07 0.82 0.00	17.88 0.78 0.00	17.90 0.74 0.00	19.24 0.82 0.00	21.33 1.00 0.00	28.24 1.35 -0.50	32.33 1.58 -0.07	29.02 1.32 -0.59	23.83 1.21 -0.07	28.97 1.45 -0.53	24.39 1.31 -0.24	20.93 1.15 -0.01	21.44 1.20 -0.02	22.35 1.27 0.00	24.86 1.50 -0.12	30.81 1.74 -0.64	37.91 2.00 -1.00	35.47 1.78 0.00	34.49 1.77 0.00	32.51 1.64 -0.13	29.01 1.33 -0.38	21.89 1.10 -0.05	20.37 1.06 -0.01
E179THST_13_KV_LOAD 356214	19.44 0.91 0.00	19.14 0.89 0.00	17.94 0.84 0.00	17.97 0.80 0.00	19.31 0.89 0.00	21.41 1.09 0.00	28.35 1.46 -0.50	32.47 1.72 -0.07	29.15 1.44 -0.59	23.94 1.31 -0.07	29.09 1.57 -0.53	24.50 1.42 -0.24	21.03 1.25 -0.01	21.54 1.30 -0.02	22.45 1.38 0.00	24.97 1.62 -0.12	30.95 1.88 -0.64	38.09 2.18 -1.00	35.64 1.94 0.00	34.66 1.93 0.00	32.66 1.79 -0.13	29.14 1.46 -0.38	21.98 1.20 -0.05	20.46 1.14 -0.01

EAST HAMPTON___GT 23717	29.74 2.28 -8.93	20.33 2.08 0.00	19.03 1.93 0.00	19.12 1.96 0.00	20.62 2.19 0.00	22.91 2.57 -0.01	30.11 3.21 -0.51	52.47 3.85 -17.94	31.33 3.61 -0.60	25.62 2.99 -0.07	31.48 3.95 -0.54	26.44 3.35 -0.24	21.08 2.85 1.53	23.39 3.14 -0.03	24.49 3.36 -0.06	28.99 3.87 -1.88	33.77 4.69 -0.65	72.38 5.34 -32.13	61.73 4.85 -23.19	47.32 4.66 -9.93	36.78 4.66 -1.37	33.66 3.47 -2.88	29.21 2.73 -5.74	21.83 2.51 -0.01
EAST RIVER___6 23660	19.46 0.94 0.00	19.10 0.85 0.00	17.93 0.83 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.40 1.08 0.00	28.32 1.43 -0.50	32.46 1.71 -0.07	29.24 1.53 -0.59	23.96 1.34 -0.07	29.17 1.65 -0.53	24.54 1.46 -0.24	21.09 1.31 -0.01	21.60 1.35 -0.02	22.50 1.43 0.00	25.05 1.70 -0.12	31.06 2.00 -0.64	38.23 2.31 -1.00	35.74 2.05 0.00	34.65 1.93 0.00	32.69 1.82 -0.13	29.14 1.46 -0.38	21.98 1.20 -0.05	20.45 1.13 -0.01
EAST RIVER___7 23524	19.46 0.94 0.00	19.10 0.85 0.00	17.93 0.83 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.40 1.08 0.00	28.32 1.43 -0.50	32.46 1.71 -0.07	29.24 1.53 -0.59	23.96 1.34 -0.07	29.17 1.65 -0.53	24.54 1.46 -0.24	21.09 1.31 -0.01	21.60 1.35 -0.02	22.50 1.43 0.00	25.05 1.70 -0.12	31.06 2.00 -0.64	38.23 2.31 -1.00	35.74 2.05 0.00	34.65 1.93 0.00	32.69 1.82 -0.13	29.14 1.46 -0.38	21.98 1.20 -0.05	20.45 1.13 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.40 0.87 0.00	19.03 0.78 0.00	17.86 0.76 0.00	17.90 0.75 0.00	19.26 0.84 0.00	21.33 1.00 0.00	28.20 1.31 -0.50	32.31 1.56 -0.07	29.09 1.38 -0.58	23.81 1.19 -0.07	28.98 1.45 -0.53	24.36 1.28 -0.24	20.92 1.15 -0.01	21.44 1.19 -0.02	22.35 1.28 0.00	24.87 1.51 -0.12	30.86 1.80 -0.64	37.98 2.07 -1.00	35.57 1.87 0.00	34.50 1.77 0.00	32.53 1.66 -0.13	29.01 1.33 -0.38	21.88 1.09 -0.05	20.34 1.03 -0.01
EAST_HAMPTON___DIESEL 23722	29.74 2.29 -8.93	20.33 2.08 0.00	19.03 1.93 0.00	19.12 1.96 0.00	20.62 2.20 0.00	22.91 2.57 -0.01	30.11 3.21 -0.51	52.47 3.86 -17.94	31.34 3.61 -0.60	25.62 2.99 -0.07	31.49 3.96 -0.54	26.44 3.36 -0.24	21.08 2.85 1.53	23.39 3.14 -0.03	24.50 3.37 -0.06	28.99 3.87 -1.88	33.78 4.69 -0.65	72.39 5.35 -32.13	61.74 4.86 -23.19	47.33 4.67 -9.93	36.79 4.67 -1.37	33.66 3.47 -2.88	29.21 2.74 -5.74	21.83 2.51 -0.01
EAST_PULASKI___ESR 323781	18.33 -0.19 0.00	18.04 -0.21 0.00	16.89 -0.21 0.00	16.94 -0.22 0.00	18.20 -0.22 0.00	20.14 -0.18 0.00	26.80 0.41 0.00	31.06 0.38 0.00	27.36 0.24 0.00	22.67 0.11 0.00	27.02 0.02 0.00	22.80 -0.05 0.00	19.74 -0.03 0.00	20.17 -0.05 0.00	21.08 0.01 0.00	23.21 -0.02 0.00	28.71 0.28 0.00	35.37 0.46 0.00	34.12 0.42 0.00	33.16 0.43 0.00	30.44 -0.30 0.00	26.91 -0.39 0.00	20.36 -0.38 0.00	18.95 -0.36 0.00
EAST_RIVER___1 323558	19.44 0.92 0.00	19.09 0.84 0.00	17.92 0.82 0.00	17.96 0.80 0.00	19.31 0.89 0.00	21.39 1.07 0.00	28.29 1.40 -0.50	32.41 1.67 -0.07	29.18 1.47 -0.59	23.91 1.29 -0.07	29.10 1.58 -0.53	24.49 1.41 -0.24	21.04 1.26 -0.01	21.55 1.30 -0.02	22.45 1.38 0.00	24.99 1.64 -0.12	30.99 1.92 -0.64	38.13 2.21 -1.00	35.66 1.96 0.00	34.58 1.86 0.00	32.62 1.75 -0.13	29.10 1.42 -0.38	21.96 1.17 -0.05	20.44 1.12 -0.01
EAST_RIVER___2 323559	19.46 0.94 0.00	19.10 0.85 0.00	17.93 0.83 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.40 1.08 0.00	28.32 1.43 -0.50	32.46 1.71 -0.07	29.24 1.53 -0.59	23.96 1.34 -0.07	29.17 1.65 -0.53	24.54 1.46 -0.24	21.09 1.31 -0.01	21.60 1.35 -0.02	22.50 1.43 0.00	25.05 1.70 -0.12	31.06 2.00 -0.64	38.23 2.31 -1.00	35.74 2.05 0.00	34.65 1.93 0.00	32.69 1.82 -0.13	29.14 1.46 -0.38	21.98 1.20 -0.05	20.45 1.13 -0.01
EAST___DELAWARE_HYD 23607	19.69 1.17 0.00	19.32 1.07 0.00	18.11 1.01 0.00	18.16 1.01 0.00	19.56 1.13 0.00	21.64 1.32 0.00	28.42 1.81 -0.23	32.77 2.06 -0.03	29.20 1.80 -0.27	24.00 1.41 -0.03	28.76 1.53 -0.24	24.31 1.35 -0.11	21.03 1.26 0.00	21.54 1.30 -0.01	22.40 1.33 0.00	24.97 1.68 -0.05	30.84 2.13 -0.29	37.88 2.52 -0.46	36.03 2.33 0.00	34.96 2.24 0.00	32.86 2.05 -0.06	29.31 1.83 -0.17	22.18 1.42 -0.02	20.62 1.31 0.00
EIGHT_POINT___WT_PWR 323820	18.51 -0.02 0.00	18.27 0.02 0.00	16.81 -0.29 0.00	16.84 -0.32 0.00	18.23 -0.19 0.00	19.77 -0.56 0.00	26.14 -0.26 0.00	30.50 -0.18 0.00	27.20 0.08 0.00	22.66 0.10 0.00	27.27 0.28 0.00	23.34 0.49 0.00	20.14 0.38 0.00	20.34 0.12 0.00	21.01 -0.06 0.00	23.03 -0.20 0.00	28.02 -0.41 0.00	34.79 -0.12 0.00	33.17 -0.52 0.00	32.03 -0.69 0.00	29.77 -0.98 0.00	26.34 -0.96 0.00	20.33 -0.41 0.00	19.11 -0.20 0.00
ELBRIDGE_115KV_TB2 80188	18.61 0.09 0.00	18.29 0.04 0.00	17.10 0.00 0.00	17.20 0.04 0.00	18.48 0.06 0.00	20.39 0.06 0.00	26.59 0.20 0.00	30.94 0.26 0.00	27.36 0.24 0.00	22.70 0.14 0.00	27.10 0.11 0.00	23.03 0.18 0.00	19.94 0.17 0.00	20.33 0.11 0.00	21.23 0.16 0.00	23.45 0.21 0.00	28.66 0.23 0.00	35.23 0.32 0.00	33.89 0.19 0.00	32.92 0.19 0.00	30.91 0.16 0.00	27.47 0.17 0.00	20.84 0.10 0.00	19.41 0.10 0.00
ELEC_TRO_TEK 24086	21.99 1.17 -2.29	19.28 1.03 0.00	18.06 0.96 0.00	18.13 0.97 0.00	19.53 1.11 0.00	21.66 1.33 0.00	28.47 1.58 -0.50	32.42 1.67 -0.07	29.28 1.57 -0.59	24.04 1.42 -0.07	29.44 1.92 -0.53	24.73 1.65 -0.24	28.52 1.47 -7.28	22.36 1.58 -0.56	23.41 1.68 -0.66	27.29 1.93 -2.13	31.33 2.26 -0.64	38.34 2.42 -1.00	35.87 2.18 0.00	34.83 2.11 0.00	33.56 2.10 -0.72	49.22 1.69 -20.23	36.79 1.39 -14.66	20.63 1.31 -0.02
ELLENBURG_WT_PWR 323604	18.85 0.32 0.00	18.67 0.42 0.00	17.46 0.37 0.00	17.50 0.34 0.00	18.81 0.39 0.00	20.75 0.42 0.00	26.93 0.54 0.00	31.40 0.72 0.00	27.78 0.65 0.00	23.17 0.62 0.00	27.81 0.82 0.00	23.40 0.55 0.00	20.02 0.25 0.00	20.62 0.40 0.00	21.40 0.33 0.00	23.76 0.53 0.00	29.12 0.69 0.00	35.79 0.89 0.00	34.76 1.06 0.00	33.56 0.84 0.00	31.33 0.59 0.00	27.75 0.44 0.00	20.94 0.20 0.00	19.34 0.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.98 -0.55 0.00	17.67 -0.57 0.00	16.44 -0.66 0.00	16.55 -0.60 0.00	17.76 -0.66 0.00	19.54 -0.79 0.00	25.64 -0.75 0.00	29.71 -0.96 0.00	26.53 -0.60 0.00	22.13 -0.43 0.00	26.64 -0.35 0.00	22.96 0.11 0.00	19.88 0.11 0.00	20.14 -0.08 0.00	20.92 -0.15 0.00	22.89 -0.35 0.00	27.69 -0.74 0.00	33.98 -0.93 0.00	32.30 -1.40 0.00	31.41 -1.32 0.00	29.58 -1.17 0.00	26.45 -0.86 0.00	20.22 -0.52 0.00	18.99 -0.31 0.00
EMPIRE_CC_1 323656	19.02 0.49 0.00	18.72 0.47 0.00	17.57 0.47 0.00	17.64 0.48 0.00	18.97 0.55 0.00	20.99 0.66 0.00	26.13 0.80 1.06	31.52 0.99 0.15	26.70 0.82 1.25	23.03 0.62 0.15	26.54 0.69 1.13	22.94 0.59 0.50	20.27 0.53 0.02	20.74 0.57 0.05	21.68 0.61 0.01	23.69 0.71 0.25	27.93 0.86 1.36	33.87 1.09 2.14	34.75 1.05 0.00	33.70 0.98 0.00	31.35 0.87 0.27	27.13 0.62 0.79	21.19 0.55 0.10	19.82 0.52 0.01

EMPIRE_CC_2 323658	19.02 0.49 0.00	18.72 0.47 0.00	17.57 0.47 0.00	17.64 0.48 0.00	18.97 0.55 0.00	20.99 0.66 0.00	26.13 0.80 1.06	31.52 0.99 0.15	26.70 0.82 1.25	23.03 0.62 0.15	26.54 0.69 1.13	22.94 0.59 0.50	20.27 0.53 0.02	20.74 0.57 0.05	21.68 0.61 0.01	23.69 0.71 0.25	27.93 0.86 1.36	33.87 1.09 2.14	34.75 1.05 0.00	33.70 0.98 0.00	31.35 0.87 0.27	27.13 0.62 0.79	21.19 0.55 0.10	19.82 0.52 0.01
ENORWICH_115KV_TB1 80156	19.85 1.33 0.00	19.52 1.27 0.00	18.24 1.14 0.00	18.28 1.12 0.00	19.67 1.25 0.00	21.78 1.45 0.00	28.63 2.24 0.00	33.34 2.66 0.00	29.20 2.07 0.00	24.04 1.49 0.00	28.37 1.38 0.00	24.01 1.16 0.00	20.67 0.90 0.00	21.02 0.80 0.00	21.95 0.89 0.00	24.69 1.45 0.00	30.22 1.79 0.00	37.35 2.44 0.00	36.00 2.30 0.00	34.91 2.19 0.00	32.65 1.90 0.00	28.91 1.61 0.00	21.81 1.07 0.00	20.19 0.88 0.00
ERIE_ST__34_KV_TB1-2 80199	18.36 -0.16 0.00	18.04 -0.21 0.00	16.78 -0.32 0.00	16.89 -0.26 0.00	18.14 -0.28 0.00	19.95 -0.38 0.00	26.23 -0.16 0.00	30.44 -0.24 0.00	27.15 0.03 0.00	22.63 0.08 0.00	27.23 0.24 0.00	23.45 0.60 0.00	20.29 0.53 0.00	20.56 0.34 0.00	21.37 0.30 0.00	23.41 0.18 0.00	28.34 -0.08 0.00	34.80 -0.11 0.00	33.11 -0.59 0.00	32.21 -0.52 0.00	30.31 -0.43 0.00	27.10 -0.21 0.00	20.68 -0.06 0.00	19.39 0.09 0.00
ERIE_WT_PWR 323693	18.12 -0.41 0.00	17.81 -0.44 0.00	16.56 -0.54 0.00	16.67 -0.49 0.00	17.89 -0.53 0.00	19.71 -0.62 0.00	25.86 -0.54 0.00	29.93 -0.75 0.00	26.74 -0.38 0.00	22.29 -0.27 0.00	26.83 -0.16 0.00	23.14 0.29 0.00	20.03 0.26 0.00	20.28 0.06 0.00	21.07 0.00 0.00	23.09 -0.14 0.00	27.93 -0.50 0.00	34.26 -0.65 0.00	32.58 -1.11 0.00	31.68 -1.04 0.00	29.82 -0.92 0.00	26.64 -0.67 0.00	20.36 -0.38 0.00	19.12 -0.19 0.00
ESPRGFLD_115KV_TB1 80157	19.34 0.81 0.00	19.00 0.75 0.00	17.83 0.72 0.00	17.88 0.72 0.00	19.23 0.81 0.00	21.24 0.91 0.00	27.74 1.35 0.00	32.30 1.62 0.00	28.54 1.41 0.00	23.67 1.12 0.00	28.24 1.25 0.00	23.96 1.11 0.00	20.71 0.94 0.00	21.15 0.93 0.00	22.04 0.97 0.00	24.43 1.20 0.00	29.89 1.47 0.00	36.74 1.83 0.00	35.35 1.66 0.00	34.36 1.63 0.00	32.22 1.47 0.00	28.52 1.21 0.00	21.65 0.91 0.00	20.12 0.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.01 0.49 0.00	18.69 0.44 0.00	17.47 0.37 0.00	17.54 0.38 0.00	18.87 0.45 0.00	20.82 0.49 0.00	27.23 0.84 0.00	31.68 1.00 0.00	27.97 0.85 0.00	23.13 0.57 0.00	27.53 0.54 0.00	23.37 0.52 0.00	20.20 0.43 0.00	20.59 0.37 0.00	21.56 0.49 0.00	23.91 0.67 0.00	29.19 0.77 0.00	35.95 1.04 0.00	34.59 0.89 0.00	33.60 0.88 0.00	31.52 0.77 0.00	27.99 0.68 0.00	21.24 0.51 0.00	19.76 0.45 0.00
ETNA_____115KV_TB2 80207	19.01 0.49 0.00	18.69 0.44 0.00	17.47 0.37 0.00	17.54 0.38 0.00	18.87 0.45 0.00	20.82 0.49 0.00	27.23 0.84 0.00	31.68 1.00 0.00	27.97 0.85 0.00	23.13 0.57 0.00	27.53 0.54 0.00	23.37 0.52 0.00	20.20 0.43 0.00	20.59 0.37 0.00	21.56 0.49 0.00	23.91 0.67 0.00	29.19 0.77 0.00	35.95 1.04 0.00	34.59 0.89 0.00	33.60 0.88 0.00	31.52 0.77 0.00	27.99 0.68 0.00	21.24 0.51 0.00	19.76 0.45 0.00
EUCLID___115KV_TB2 356179	18.35 -0.17 0.00	18.06 -0.19 0.00	16.90 -0.20 0.00	16.97 -0.19 0.00	18.22 -0.20 0.00	20.08 -0.24 0.00	26.17 -0.22 0.00	30.43 -0.25 0.00	26.91 -0.22 0.00	22.33 -0.22 0.00	26.68 -0.30 0.00	22.65 -0.20 0.00	19.62 -0.15 0.00	20.03 -0.19 0.00	20.90 -0.18 0.00	23.07 -0.17 0.00	28.22 -0.21 0.00	34.67 -0.23 0.00	33.36 -0.33 0.00	32.42 -0.31 0.00	30.42 -0.33 0.00	27.08 -0.22 0.00	20.58 -0.17 0.00	19.16 -0.15 0.00
E_CANADA_CAP_HY 24051	19.38 0.85 0.00	19.10 0.85 0.00	17.84 0.74 0.00	17.87 0.71 0.00	19.16 0.74 0.00	21.13 0.80 0.00	27.16 1.16 0.39	31.95 1.33 0.05	27.92 1.25 0.46	23.63 1.13 0.05	27.70 1.13 0.42	23.73 1.06 0.18	20.63 0.87 0.01	21.03 0.83 0.02	21.81 0.74 0.00	23.86 0.72 0.09	28.80 0.87 0.49	35.47 1.35 0.78	35.02 1.33 0.00	34.05 1.32 0.00	31.92 1.27 0.09	28.19 1.16 0.28	21.50 0.80 0.04	20.05 0.74 0.00
E_CANADA_MHWK_HY 24050	18.96 0.43 0.00	18.63 0.38 0.00	17.49 0.39 0.00	17.56 0.40 0.00	18.91 0.49 0.00	21.01 0.68 0.00	27.34 0.95 0.00	31.68 1.00 0.00	27.90 0.77 0.00	23.06 0.50 0.00	27.43 0.44 0.00	22.89 0.05 0.00	19.90 0.13 0.00	20.23 0.00 0.00	21.01 -0.06 0.00	23.25 0.01 0.00	28.65 0.22 0.00	35.59 0.68 0.00	34.40 0.70 0.00	33.38 0.65 0.00	31.34 0.60 0.00	28.06 0.76 0.00	21.30 0.56 0.00	19.71 0.40 0.00
E_FISHKILL___LBMP 23776	19.28 0.75 0.00	18.94 0.68 0.00	17.77 0.67 0.00	17.82 0.65 0.00	19.16 0.74 0.00	21.21 0.88 0.00	28.02 1.12 -0.50	32.09 1.34 -0.07	28.90 1.18 -0.59	23.63 1.01 -0.07	28.75 1.23 -0.53	24.16 1.07 -0.24	20.75 0.97 -0.01	21.25 1.01 -0.02	22.16 1.09 0.00	24.66 1.30 -0.12	30.60 1.53 -0.64	37.70 1.78 -1.01	35.31 1.61 0.00	34.26 1.53 0.00	32.29 1.42 -0.13	28.80 1.12 -0.38	21.71 0.92 -0.05	20.20 0.88 -0.01
FALCON___SEABRD_CC1 323796	19.05 0.52 0.00	18.88 0.63 0.00	17.67 0.57 0.00	17.71 0.55 0.00	19.04 0.62 0.00	21.02 0.70 0.00	27.29 0.89 0.00	31.82 1.14 0.00	28.12 1.00 0.00	23.45 0.89 0.00	28.15 1.16 0.00	23.75 0.90 0.00	20.32 0.55 0.00	20.90 0.68 0.00	21.65 0.58 0.00	24.09 0.86 0.00	29.49 1.06 0.00	36.25 1.34 0.00	35.20 1.50 0.00	33.99 1.26 0.00	31.76 1.01 0.00	28.08 0.78 0.00	21.22 0.48 0.00	19.60 0.29 0.00
FALCON___SEABRD_CC2 323797	19.05 0.52 0.00	18.88 0.63 0.00	17.67 0.57 0.00	17.71 0.55 0.00	19.04 0.62 0.00	21.02 0.70 0.00	27.29 0.89 0.00	31.82 1.14 0.00	28.12 1.00 0.00	23.45 0.89 0.00	28.15 1.16 0.00	23.75 0.90 0.00	20.32 0.55 0.00	20.90 0.68 0.00	21.65 0.58 0.00	24.09 0.86 0.00	29.49 1.06 0.00	36.25 1.34 0.00	35.20 1.50 0.00	33.99 1.26 0.00	31.76 1.01 0.00	28.08 0.78 0.00	21.22 0.48 0.00	19.60 0.29 0.00
FAR ROCKAWAY___4 23548	22.06 1.41 -2.13	19.49 1.24 0.00	18.26 1.16 0.00	18.33 1.17 0.00	19.74 1.32 0.00	21.90 1.58 0.00	28.79 1.89 -0.50	32.73 1.98 -0.07	29.56 1.85 -0.59	24.28 1.65 -0.07	29.76 2.24 -0.53	25.00 1.91 -0.24	41.31 1.69 -19.84	23.23 1.79 -1.22	24.29 1.87 -1.35	27.43 2.22 -1.98	31.69 2.62 -0.64	38.63 2.72 -1.00	36.17 2.48 0.00	35.14 2.41 0.00	33.89 2.47 -0.68	68.23 2.02 -38.90	41.83 1.65 -19.43	20.90 1.58 -0.02
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.44 0.92 0.00	19.09 0.84 0.00	17.92 0.82 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.40 1.07 0.00	28.30 1.41 -0.50	32.41 1.66 -0.07	29.19 1.48 -0.59	23.92 1.30 -0.07	29.11 1.59 -0.53	24.49 1.41 -0.24	21.05 1.27 -0.01	21.55 1.31 -0.02	22.46 1.39 0.00	25.00 1.65 -0.12	30.99 1.92 -0.64	38.13 2.21 -1.00	35.66 1.96 0.00	34.58 1.85 0.00	32.63 1.76 -0.13	29.11 1.43 -0.38	21.96 1.18 -0.05	20.44 1.13 -0.01

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.46 0.94 0.00	19.10 0.85 0.00	17.93 0.83 0.00	17.96 0.80 0.00	19.33 0.90 0.00	21.41 1.09 0.00	28.32 1.42 -0.50	32.42 1.68 -0.07	29.20 1.49 -0.59	23.93 1.30 -0.07	29.12 1.60 -0.53	24.50 1.42 -0.24	21.05 1.27 -0.01	21.56 1.31 -0.02	22.47 1.39 0.00	25.01 1.65 -0.12	31.01 1.94 -0.64	38.14 2.22 -1.00	35.68 1.98 0.00	34.60 1.87 0.00	32.65 1.78 -0.13	29.12 1.44 -0.38	21.98 1.19 -0.05	20.45 1.14 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.44 0.92 0.00	19.09 0.84 0.00	17.92 0.82 0.00	17.95 0.80 0.00	19.31 0.89 0.00	21.40 1.07 0.00	28.29 1.40 -0.50	32.40 1.65 -0.07	29.19 1.48 -0.59	23.91 1.29 -0.07	29.10 1.58 -0.53	24.49 1.40 -0.24	21.04 1.26 -0.01	21.55 1.30 -0.02	22.45 1.38 0.00	24.99 1.64 -0.12	30.98 1.92 -0.64	38.10 2.19 -1.00	35.65 1.96 0.00	34.57 1.84 0.00	32.62 1.75 -0.13	29.09 1.41 -0.38	21.95 1.17 -0.05	20.44 1.12 -0.01
FARRAGUT___LBMP 323566	19.43 0.91 0.00	19.08 0.83 0.00	17.91 0.81 0.00	17.94 0.79 0.00	19.30 0.88 0.00	21.38 1.05 0.00	28.27 1.38 -0.50	32.37 1.62 -0.07	29.16 1.45 -0.59	23.89 1.26 -0.07	29.07 1.55 -0.53	24.46 1.38 -0.24	21.02 1.24 -0.01	21.52 1.28 -0.02	22.43 1.36 0.00	24.96 1.61 -0.12	30.95 1.89 -0.64	38.07 2.15 -1.00	35.62 1.92 0.00	34.54 1.81 0.00	32.59 1.72 -0.13	29.07 1.39 -0.38	21.94 1.15 -0.05	20.42 1.11 -0.01
FENNER___WINDPWR 24204	18.97 0.45 0.00	18.67 0.42 0.00	17.47 0.37 0.00	17.52 0.36 0.00	18.84 0.42 0.00	20.81 0.49 0.00	27.14 0.74 0.00	31.22 0.55 0.00	27.62 0.50 0.00	22.91 0.36 0.00	27.32 0.33 0.00	23.22 0.36 0.00	20.08 0.31 0.00	20.44 0.22 0.00	21.32 0.25 0.00	23.65 0.41 0.00	28.79 0.36 0.00	35.44 0.53 0.00	34.19 0.50 0.00	33.24 0.52 0.00	31.11 0.36 0.00	27.46 0.15 0.00	20.83 0.09 0.00	19.35 0.04 0.00
FIBERTEK___ENERGY 23856	18.63 0.11 0.00	18.33 0.08 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.50 0.08 0.00	20.42 0.09 0.00	26.74 0.35 0.00	31.07 0.39 0.00	27.43 0.31 0.00	22.75 0.19 0.00	27.16 0.17 0.00	23.09 0.24 0.00	19.98 0.21 0.00	20.39 0.17 0.00	21.28 0.21 0.00	23.50 0.26 0.00	28.75 0.32 0.00	35.33 0.42 0.00	34.01 0.31 0.00	33.03 0.30 0.00	30.90 0.15 0.00	27.50 0.20 0.00	20.86 0.13 0.00	19.43 0.12 0.00
FITZPATRICK____ 23598	18.06 -0.46 0.00	17.79 -0.46 0.00	16.65 -0.45 0.00	16.71 -0.45 0.00	17.94 -0.48 0.00	19.76 -0.57 0.00	25.67 -0.73 0.00	29.81 -0.87 0.00	26.38 -0.75 0.00	21.91 -0.65 0.00	26.19 -0.80 0.00	22.22 -0.63 0.00	19.25 -0.53 0.00	19.65 -0.57 0.00	20.49 -0.58 0.00	22.60 -0.63 0.00	27.64 -0.79 0.00	33.95 -0.96 0.00	32.71 -0.99 0.00	31.78 -0.95 0.00	29.87 -0.88 0.00	26.64 -0.66 0.00	20.24 -0.50 0.00	18.84 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	27.24 1.56 -7.16	19.66 1.41 0.00	18.40 1.30 0.00	18.48 1.32 0.00	19.91 1.49 0.00	22.10 1.77 0.00	28.92 2.02 -0.50	52.01 2.14 -19.19	29.86 2.13 -0.61	24.51 1.89 -0.07	30.18 2.66 -0.54	25.34 2.26 -0.24	20.24 1.94 1.47	22.36 2.11 -0.03	23.38 2.25 -0.06	27.97 2.59 -2.14	32.16 3.07 -0.66	83.46 3.26 -45.29	78.96 2.87 -42.40	49.46 2.74 -13.99	35.37 2.88 -1.75	32.48 2.18 -2.99	28.34 1.81 -5.80	21.03 1.71 -0.01
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.52 1.00 0.00	19.15 0.90 0.00	17.97 0.87 0.00	18.02 0.86 0.00	19.39 0.97 0.00	21.47 1.14 0.00	28.29 1.52 -0.37	32.56 1.83 -0.05	29.17 1.62 -0.43	23.96 1.36 -0.05	28.98 1.60 -0.38	24.40 1.38 -0.17	21.02 1.24 -0.01	21.54 1.30 -0.02	22.46 1.39 0.00	24.98 1.65 -0.08	30.89 2.00 -0.46	38.02 2.39 -0.72	35.91 2.21 0.00	34.83 2.11 0.00	32.78 1.94 -0.09	29.16 1.58 -0.27	22.02 1.25 -0.03	20.47 1.16 0.00
FORT ORANGE____ 23900	18.84 0.31 0.00	18.54 0.29 0.00	17.41 0.31 0.00	17.47 0.31 0.00	18.79 0.36 0.00	20.80 0.47 0.00	26.52 0.63 0.50	31.41 0.81 0.07	27.20 0.66 0.59	22.96 0.48 0.07	26.96 0.50 0.53	22.99 0.37 0.24	20.08 0.32 0.01	20.55 0.35 0.02	21.46 0.39 0.00	23.60 0.48 0.12	28.44 0.65 0.63	34.85 0.94 0.99	34.60 0.90 0.00	33.57 0.84 0.00	31.43 0.80 0.12	27.51 0.56 0.35	21.16 0.46 0.04	19.72 0.42 0.01
FORT_DRUM_COGEN 23780	18.61 0.08 0.00	18.30 0.05 0.00	17.13 0.04 0.00	17.16 0.00 0.00	18.47 0.05 0.00	20.54 0.21 0.00	26.85 0.46 0.00	30.83 0.15 0.00	27.12 -0.01 0.00	22.48 -0.08 0.00	26.80 -0.19 0.00	22.37 -0.48 0.00	19.34 -0.43 0.00	19.79 -0.43 0.00	20.78 -0.29 0.00	22.72 -0.52 0.00	28.63 0.19 0.00	35.37 0.46 0.00	34.29 0.59 0.00	33.34 0.62 0.00	30.80 0.06 0.00	26.95 -0.35 0.00	20.10 -0.64 0.00	18.77 -0.54 0.00
FPL_FAR_ROCK_GT1 24212	22.06 1.41 -2.13	19.49 1.24 0.00	18.26 1.16 0.00	18.33 1.17 0.00	19.74 1.32 0.00	21.90 1.57 0.00	28.78 1.89 -0.50	32.74 1.99 -0.07	29.56 1.84 -0.59	24.28 1.66 -0.07	29.76 2.24 -0.53	25.00 1.91 -0.24	41.30 1.69 -19.84	23.22 1.78 -1.22	24.29 1.87 -1.35	27.43 2.21 -1.98	31.69 2.62 -0.64	38.64 2.73 -1.00	36.17 2.48 0.00	35.14 2.41 0.00	33.89 2.46 -0.68	68.22 2.02 -38.90	41.83 1.66 -19.43	20.90 1.58 -0.02
FPL_FAR_ROCK_GT2 23815	22.06 1.41 -2.13	19.49 1.24 0.00	18.26 1.16 0.00	18.33 1.17 0.00	19.74 1.32 0.00	21.90 1.57 0.00	28.78 1.89 -0.50	32.74 1.99 -0.07	29.56 1.84 -0.59	24.28 1.66 -0.07	29.76 2.24 -0.53	25.00 1.91 -0.24	41.30 1.69 -19.84	23.22 1.78 -1.22	24.29 1.87 -1.35	27.43 2.21 -1.98	31.69 2.62 -0.64	38.64 2.73 -1.00	36.17 2.48 0.00	35.14 2.41 0.00	33.89 2.46 -0.68	68.22 2.02 -38.90	41.83 1.66 -19.43	20.90 1.58 -0.02
FRANKLIN_FALL_HYD 24054	18.90 0.37 0.00	18.72 0.47 0.00	17.51 0.41 0.00	17.54 0.38 0.00	18.84 0.41 0.00	20.80 0.47 0.00	27.05 0.66 0.00	31.52 0.84 0.00	27.89 0.76 0.00	23.24 0.69 0.00	27.86 0.87 0.00	23.40 0.55 0.00	19.98 0.21 0.00	20.54 0.32 0.00	21.33 0.26 0.00	23.60 0.36 0.00	28.94 0.51 0.00	35.68 0.77 0.00	34.69 0.99 0.00	33.54 0.81 0.00	31.37 0.63 0.00	27.88 0.58 0.00	21.03 0.29 0.00	19.44 0.13 0.00
FREEPORT_EQUS_GT1 23764	21.56 1.30 -1.74	19.39 1.14 0.00	18.16 1.06 0.00	18.23 1.07 0.00	19.63 1.21 0.00	21.80 1.47 0.00	28.61 1.72 -0.50	32.51 1.76 -0.07	29.43 1.72 -0.59	24.17 1.54 -0.07	29.53 2.01 -0.53	24.79 1.71 -0.24	27.42 1.51 -6.14	22.37 1.69 -0.47	23.42 1.81 -0.54	26.96 2.08 -1.64	31.52 2.45 -0.64	38.50 2.58 -1.00	35.97 2.28 0.00	35.01 2.28 0.00	33.64 2.32 -0.58	45.58 1.89 -16.39	33.71 1.54 -11.42	20.76 1.44 -0.01
FREEPORT___CT2 23818	21.56 1.30 -1.74	19.39 1.14 0.00	18.16 1.06 0.00	18.23 1.07 0.00	19.63 1.21 0.00	21.80 1.47 0.00	28.61 1.72 -0.50	32.51 1.76 -0.07	29.43 1.72 -0.59	24.17 1.54 -0.07	29.53 2.01 -0.53	24.79 1.71 -0.24	27.42 1.51 -6.14	22.37 1.69 -0.47	23.42 1.81 -0.54	26.96 2.08 -1.64	31.52 2.45 -0.64	38.50 2.58 -1.00	35.97 2.28 0.00	35.01 2.28 0.00	33.64 2.32 -0.58	45.58 1.89 -16.39	33.71 1.54 -11.42	20.76 1.44 -0.01

FRESHKLS_33_KV_LOAD 356253	19.49 0.97 0.00	19.13 0.88 0.00	17.95 0.85 0.00	17.98 0.82 0.00	19.35 0.93 0.00	21.47 1.14 0.00	28.38 1.50 -0.50	32.48 1.73 -0.07	29.14 1.43 -0.59	23.85 1.23 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.98 1.20 -0.01	21.48 1.24 -0.02	22.39 1.31 0.00	24.91 1.55 -0.12	30.92 1.85 -0.64	37.94 2.02 -1.00	35.50 1.80 0.00	34.61 1.88 0.00	32.65 1.78 -0.13	29.09 1.41 -0.38	21.98 1.19 -0.05	20.48 1.16 -0.01
FULTON COGEN____ 23766	18.33 -0.19 0.00	18.04 -0.21 0.00	16.88 -0.21 0.00	16.94 -0.22 0.00	18.20 -0.22 0.00	20.10 -0.23 0.00	26.90 0.51 0.00	31.24 0.56 0.00	27.54 0.41 0.00	22.83 0.27 0.00	27.24 0.25 0.00	23.08 0.23 0.00	19.99 0.22 0.00	20.43 0.21 0.00	21.30 0.23 0.00	23.51 0.28 0.00	28.88 0.45 0.00	35.53 0.62 0.00	34.22 0.52 0.00	33.26 0.53 0.00	30.48 -0.26 0.00	27.06 -0.25 0.00	20.55 -0.20 0.00	19.10 -0.20 0.00
FULTON____LFGE 323630	19.68 1.15 0.00	19.31 1.06 0.00	18.04 0.93 0.00	18.09 0.93 0.00	19.42 1.00 0.00	21.57 1.24 0.00	27.84 1.83 0.39	32.60 1.98 0.05	28.34 1.68 0.46	23.65 1.16 0.05	27.63 1.05 0.42	22.96 0.30 0.18	20.37 0.61 0.01	20.30 0.10 0.02	21.15 0.08 0.00	23.41 0.27 0.09	29.09 1.16 0.49	36.36 2.23 0.78	35.71 2.01 0.00	34.72 1.99 0.00	32.51 1.86 0.09	28.79 1.76 0.28	21.91 1.21 0.04	20.41 1.11 0.00
G.F.CEMENT____DRP 24184	19.58 1.06 0.00	19.31 1.06 0.00	18.02 0.91 0.00	18.19 1.03 0.00	19.56 1.14 0.00	21.71 1.38 0.00	27.98 2.07 0.49	33.16 2.55 0.07	28.80 2.25 0.57	24.28 1.79 0.07	28.59 2.12 0.52	24.36 1.73 0.23	21.15 1.40 0.01	21.66 1.47 0.02	22.49 1.42 0.00	24.54 1.42 0.12	29.67 1.85 0.62	36.42 2.48 0.97	36.06 2.37 0.00	35.00 2.28 0.00	32.63 2.00 0.12	28.45 1.49 0.34	21.90 1.21 0.04	20.40 1.10 0.01
GARDENVILLE____LBMP 24039	18.06 -0.47 0.00	17.75 -0.50 0.00	16.51 -0.59 0.00	16.62 -0.54 0.00	17.84 -0.59 0.00	19.62 -0.70 0.00	25.77 -0.63 0.00	29.87 -0.81 0.00	26.66 -0.46 0.00	22.23 -0.32 0.00	26.76 -0.23 0.00	23.07 0.22 0.00	19.96 0.19 0.00	20.22 0.00 0.00	21.00 -0.07 0.00	22.99 -0.24 0.00	27.82 -0.61 0.00	34.15 -0.76 0.00	32.46 -1.24 0.00	31.56 -1.17 0.00	29.71 -1.04 0.00	26.55 -0.76 0.00	20.29 -0.45 0.00	19.06 -0.25 0.00
GARDNVLA_35_KV_LD 355827	18.13 -0.39 0.00	17.82 -0.43 0.00	16.57 -0.53 0.00	16.69 -0.47 0.00	17.90 -0.52 0.00	19.70 -0.63 0.00	25.87 -0.53 0.00	29.98 -0.70 0.00	26.76 -0.37 0.00	22.32 -0.24 0.00	26.86 -0.13 0.00	23.16 0.31 0.00	20.04 0.27 0.00	20.30 0.08 0.00	21.09 0.02 0.00	23.09 -0.14 0.00	27.95 -0.48 0.00	34.31 -0.60 0.00	32.61 -1.09 0.00	31.71 -1.02 0.00	29.84 -0.90 0.00	26.68 -0.63 0.00	20.37 -0.36 0.00	19.14 -0.17 0.00
GELCKHM__115KV_LOAD 80723	18.45 -0.07 0.00	18.16 -0.09 0.00	16.99 -0.11 0.00	17.06 -0.10 0.00	18.33 -0.09 0.00	20.21 -0.12 0.00	26.38 -0.01 0.00	30.67 -0.01 0.00	27.11 -0.01 0.00	22.50 -0.05 0.00	26.88 -0.12 0.00	22.82 -0.02 0.00	19.77 0.00 0.00	20.17 -0.05 0.00	21.05 -0.02 0.00	23.24 0.00 0.00	28.43 0.00 0.00	34.93 0.02 0.00	33.61 -0.08 0.00	32.66 -0.07 0.00	30.61 -0.14 0.00	27.24 -0.07 0.00	20.68 -0.06 0.00	19.26 -0.05 0.00
GENERAL____MILLS 23808	18.11 -0.42 0.00	17.80 -0.45 0.00	16.55 -0.55 0.00	16.67 -0.49 0.00	17.89 -0.54 0.00	19.68 -0.65 0.00	25.84 -0.56 0.00	29.95 -0.73 0.00	26.72 -0.40 0.00	22.29 -0.26 0.00	26.82 -0.17 0.00	23.12 0.27 0.00	20.02 0.24 0.00	20.28 0.05 0.00	21.06 -0.01 0.00	23.06 -0.18 0.00	27.91 -0.52 0.00	34.25 -0.66 0.00	32.56 -1.13 0.00	31.66 -1.07 0.00	29.80 -0.94 0.00	26.63 -0.67 0.00	20.35 -0.39 0.00	19.11 -0.20 0.00
GE_PLASTICS____DRP 24183	18.89 0.36 0.00	18.59 0.34 0.00	17.45 0.36 0.00	17.51 0.35 0.00	18.83 0.41 0.00	20.82 0.49 0.00	26.64 0.63 0.38	31.40 0.77 0.05	27.34 0.67 0.45	23.01 0.51 0.05	27.15 0.57 0.41	23.14 0.47 0.18	20.19 0.42 0.01	20.65 0.45 0.02	21.56 0.49 0.00	23.73 0.58 0.09	28.68 0.73 0.48	35.08 0.94 0.77	34.57 0.87 0.00	33.56 0.83 0.00	31.39 0.74 0.09	27.54 0.52 0.28	21.15 0.45 0.04	19.72 0.42 0.00
GILBOA____1 23756	19.01 0.49 0.00	18.70 0.45 0.00	17.59 0.49 0.00	17.66 0.50 0.00	18.98 0.56 0.00	20.91 0.58 0.00	27.15 0.76 0.00	31.54 0.86 0.00	27.93 0.81 0.00	23.21 0.66 0.00	27.75 0.76 0.00	23.52 0.68 0.00	20.37 0.60 0.00	20.84 0.62 0.00	21.74 0.67 0.00	24.04 0.80 0.00	29.38 0.95 0.00	36.03 1.12 0.00	34.58 0.89 0.00	33.68 0.95 0.00	31.64 0.89 0.00	28.00 0.69 0.00	21.32 0.58 0.00	19.85 0.54 0.00
GILBOA____2 23757	19.01 0.49 0.00	18.70 0.45 0.00	17.59 0.49 0.00	17.66 0.50 0.00	18.98 0.56 0.00	20.91 0.58 0.00	27.15 0.76 0.00	31.54 0.86 0.00	27.93 0.81 0.00	23.21 0.66 0.00	27.75 0.76 0.00	23.52 0.68 0.00	20.37 0.60 0.00	20.84 0.62 0.00	21.74 0.67 0.00	24.04 0.80 0.00	29.38 0.95 0.00	36.03 1.12 0.00	34.58 0.89 0.00	33.68 0.95 0.00	31.64 0.89 0.00	28.00 0.69 0.00	21.32 0.58 0.00	19.85 0.54 0.00
GILBOA____3 23758	19.01 0.49 0.00	18.70 0.45 0.00	17.59 0.49 0.00	17.66 0.50 0.00	18.98 0.56 0.00	20.91 0.58 0.00	27.15 0.76 0.00	31.54 0.86 0.00	27.93 0.81 0.00	23.21 0.66 0.00	27.75 0.76 0.00	23.52 0.68 0.00	20.37 0.60 0.00	20.84 0.62 0.00	21.74 0.67 0.00	24.04 0.80 0.00	29.38 0.95 0.00	36.03 1.12 0.00	34.58 0.89 0.00	33.68 0.95 0.00	31.64 0.89 0.00	28.00 0.69 0.00	21.32 0.58 0.00	19.85 0.54 0.00
GILBOA____4 23759	19.01 0.49 0.00	18.70 0.45 0.00	17.59 0.49 0.00	17.66 0.50 0.00	18.98 0.56 0.00	20.91 0.58 0.00	27.15 0.76 0.00	31.54 0.86 0.00	27.93 0.81 0.00	23.21 0.66 0.00	27.75 0.76 0.00	23.52 0.68 0.00	20.37 0.60 0.00	20.84 0.62 0.00	21.74 0.67 0.00	24.04 0.80 0.00	29.38 0.95 0.00	36.03 1.12 0.00	34.58 0.89 0.00	33.68 0.95 0.00	31.64 0.89 0.00	28.00 0.69 0.00	21.32 0.58 0.00	19.85 0.54 0.00
GILBOA____ 23599	19.01 0.49 0.00	18.70 0.45 0.00	17.59 0.49 0.00	17.66 0.50 0.00	18.98 0.56 0.00	20.91 0.58 0.00	27.15 0.76 0.00	31.53 0.86 0.00	27.93 0.81 0.00	23.21 0.66 0.00	27.75 0.76 0.00	23.52 0.68 0.00	20.37 0.61 0.00	20.84 0.62 0.00	21.74 0.67 0.00	24.04 0.80 0.00	29.38 0.95 0.00	36.03 1.12 0.00	34.58 0.89 0.00	33.67 0.95 0.00	31.64 0.89 0.00	28.00 0.69 0.00	21.32 0.58 0.00	19.85 0.54 0.00
GINNA____ 23603	17.52 -1.01 0.00	17.24 -1.01 0.00	16.10 -1.00 0.00	16.18 -0.98 0.00	17.38 -1.04 0.00	19.19 -1.14 0.00	25.10 -1.29 0.00	29.17 -1.51 0.00	25.85 -1.27 0.00	21.44 -1.11 0.00	25.69 -1.30 0.00	21.92 -0.93 0.00	18.96 -0.80 0.00	19.28 -0.94 0.00	20.14 -0.94 0.00	22.18 -1.06 0.00	27.05 -1.39 0.00	33.24 -1.67 0.00	31.93 -1.77 0.00	31.04 -1.69 0.00	29.17 -1.57 0.00	25.97 -1.34 0.00	19.72 -1.02 0.00	18.38 -0.93 0.00

GLEN PARK____ 23778	18.66 0.14 0.00	18.35 0.10 0.00	17.18 0.08 0.00	17.21 0.05 0.00	18.53 0.10 0.00	20.61 0.28 0.00	26.99 0.59 0.00	31.01 0.33 0.00	27.25 0.12 0.00	22.53 -0.03 0.00	26.85 -0.14 0.00	22.37 -0.48 0.00	19.33 -0.44 0.00	19.79 -0.43 0.00	20.83 -0.24 0.00	22.77 -0.47 0.00	28.74 0.31 0.00	35.56 0.65 0.00	34.47 0.78 0.00	33.52 0.80 0.00	30.96 0.21 0.00	27.09 -0.21 0.00	20.20 -0.54 0.00	18.84 -0.47 0.00
GLENDALE_27_KV_LOAD 356172	19.46 0.94 0.00	19.12 0.87 0.00	17.94 0.84 0.00	17.96 0.80 0.00	19.31 0.89 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.72 -0.07	29.22 1.51 -0.59	23.98 1.35 -0.07	29.15 1.63 -0.53	24.55 1.47 -0.24	21.08 1.30 -0.01	21.59 1.35 -0.02	22.50 1.42 0.00	25.04 1.68 -0.12	31.04 1.97 -0.64	38.18 2.27 -1.00	35.70 2.01 0.00	34.68 1.96 0.00	32.69 1.82 -0.13	29.16 1.48 -0.38	21.99 1.21 -0.05	20.47 1.15 -0.01
GLENWOOD_IC_1_G5 23712	21.89 1.14 -2.24	19.26 1.01 0.00	18.06 0.96 0.00	18.12 0.96 0.00	19.51 1.09 0.00	21.62 1.29 0.00	28.50 1.60 -0.50	32.51 1.76 -0.07	29.33 1.62 -0.59	24.06 1.44 -0.07	29.39 1.87 -0.53	24.70 1.62 -0.24	24.46 1.44 -3.26	22.09 1.53 -0.35	23.13 1.63 -0.43	27.20 1.89 -2.08	31.29 2.22 -0.64	38.38 2.47 -1.00	35.92 2.23 0.00	34.86 2.13 0.00	33.53 2.08 -0.71	42.83 1.69 -13.84	34.71 1.38 -12.59	20.62 1.30 -0.02
GLENWOOD_IC_2_G1 23688	19.65 1.03 -0.09	19.17 0.92 0.00	17.97 0.87 0.00	18.03 0.87 0.00	19.40 0.98 0.00	21.49 1.17 0.00	28.36 1.47 -0.50	32.42 1.67 -0.07	29.22 1.51 -0.59	23.95 1.32 -0.07	29.22 1.70 -0.53	24.56 1.47 -0.24	21.09 1.31 -0.01	21.64 1.39 -0.03	22.56 1.47 -0.01	25.17 1.73 -0.20	31.10 2.04 -0.64	38.19 2.28 -1.00	35.75 2.05 0.00	34.69 1.96 0.00	32.79 1.89 -0.15	29.57 1.53 -0.74	22.52 1.26 -0.52	20.50 1.19 -0.01
GLENWOOD_IC_3_G1 23689	19.65 1.03 -0.09	19.17 0.92 0.00	17.97 0.87 0.00	18.03 0.87 0.00	19.40 0.98 0.00	21.49 1.17 0.00	28.36 1.47 -0.50	32.42 1.67 -0.07	29.22 1.51 -0.59	23.95 1.32 -0.07	29.22 1.70 -0.53	24.56 1.47 -0.24	21.09 1.31 -0.01	21.64 1.39 -0.03	22.56 1.47 -0.01	25.17 1.73 -0.20	31.10 2.04 -0.64	38.19 2.28 -1.00	35.75 2.05 0.00	34.69 1.96 0.00	32.79 1.89 -0.15	29.57 1.53 -0.74	22.52 1.26 -0.52	20.50 1.19 -0.01
GLENWOOD____4 23550	21.89 1.14 -2.24	19.26 1.01 0.00	18.06 0.96 0.00	18.12 0.96 0.00	19.51 1.09 0.00	21.62 1.29 0.00	28.50 1.60 -0.50	32.51 1.76 -0.07	29.33 1.62 -0.59	24.06 1.44 -0.07	29.39 1.87 -0.53	24.70 1.62 -0.24	24.46 1.44 -3.26	22.09 1.53 -0.35	23.13 1.63 -0.43	27.20 1.89 -2.08	31.29 2.22 -0.64	38.38 2.47 -1.00	35.92 2.23 0.00	34.86 2.13 0.00	33.53 2.08 -0.71	42.83 1.69 -13.84	34.71 1.38 -12.59	20.62 1.30 -0.02
GLENWOOD____5 23614	21.89 1.14 -2.24	19.26 1.01 0.00	18.06 0.96 0.00	18.12 0.96 0.00	19.51 1.09 0.00	21.62 1.29 0.00	28.50 1.60 -0.50	32.51 1.76 -0.07	29.33 1.62 -0.59	24.06 1.44 -0.07	29.39 1.87 -0.53	24.70 1.62 -0.24	24.46 1.44 -3.26	22.09 1.53 -0.35	23.13 1.63 -0.43	27.20 1.89 -2.08	31.29 2.22 -0.64	38.38 2.47 -1.00	35.92 2.23 0.00	34.86 2.13 0.00	33.53 2.08 -0.71	42.83 1.69 -13.84	34.71 1.38 -12.59	20.62 1.30 -0.02
GLOBAL GREEN_PORT_GT1 23814	29.68 2.23 -8.93	20.28 2.03 0.00	18.98 1.88 0.00	19.07 1.91 0.00	20.57 2.15 0.00	22.85 2.51 -0.01	30.03 3.13 -0.51	52.28 3.67 -17.93	31.15 3.42 -0.60	25.47 2.84 -0.07	31.30 3.78 -0.54	26.29 3.21 -0.24	20.95 2.72 1.53	23.25 3.00 -0.03	24.34 3.21 -0.06	28.82 3.71 -1.88	33.57 4.49 -0.65	72.15 5.10 -32.14	61.55 4.65 -23.20	47.12 4.47 -9.93	36.58 4.47 -1.37	33.57 3.39 -2.88	29.15 2.67 -5.74	21.78 2.46 -0.01
GLOBE____DSASP 323697	17.44 -1.08 0.00	17.17 -1.08 0.00	15.99 -1.11 0.00	16.10 -1.06 0.00	17.24 -1.19 0.00	19.02 -1.31 0.00	24.84 -1.56 0.00	28.69 -1.99 0.00	25.66 -1.46 0.00	21.41 -1.15 0.00	25.78 -1.21 0.00	22.27 -0.58 0.00	19.30 -0.47 0.00	19.55 -0.68 0.00	20.28 -0.79 0.00	22.13 -1.11 0.00	26.70 -1.73 0.00	32.59 -2.31 0.00	30.94 -2.76 0.00	30.14 -2.59 0.00	28.46 -2.29 0.00	25.50 -1.81 0.00	19.64 -1.10 0.00	18.51 -0.79 0.00
GOETHSLN____LBMP 323567	19.39 0.86 0.00	19.02 0.77 0.00	17.85 0.75 0.00	17.89 0.73 0.00	19.25 0.83 0.00	21.32 0.99 0.00	28.14 1.25 -0.50	32.21 1.46 -0.07	29.03 1.32 -0.59	23.76 1.13 -0.07	28.92 1.40 -0.53	24.33 1.24 -0.24	20.90 1.12 -0.01	21.40 1.16 -0.02	22.29 1.22 0.00	24.82 1.47 -0.12	30.79 1.72 -0.64	37.88 1.96 -1.00	35.41 1.71 0.00	34.33 1.61 0.00	32.42 1.55 -0.13	28.93 1.25 -0.38	21.85 1.06 -0.05	20.35 1.04 -0.01
GOLAH____69_KV_TB 1_2 80279	18.37 -0.15 0.00	18.07 -0.18 0.00	16.85 -0.25 0.00	16.96 -0.20 0.00	18.22 -0.20 0.00	20.11 -0.22 0.00	26.34 -0.06 0.00	30.61 -0.07 0.00	27.21 0.09 0.00	22.56 0.01 0.00	27.03 0.03 0.00	23.17 0.32 0.00	19.97 0.20 0.00	20.33 0.11 0.00	21.18 0.11 0.00	23.24 0.00 0.00	28.37 -0.05 0.00	34.90 -0.01 0.00	33.38 -0.32 0.00	32.48 -0.24 0.00	30.63 -0.12 0.00	27.23 -0.08 0.00	20.70 -0.03 0.00	19.38 0.07 0.00
GOODYEAR_LAKE_HYD 323669	19.24 0.72 0.00	18.92 0.67 0.00	17.75 0.65 0.00	17.81 0.65 0.00	19.14 0.72 0.00	21.15 0.82 0.00	27.59 1.20 0.00	32.11 1.43 0.00	28.37 1.25 0.00	23.55 1.00 0.00	28.10 1.11 0.00	23.84 0.99 0.00	20.63 0.86 0.00	21.07 0.85 0.00	21.96 0.89 0.00	24.33 1.10 0.00	29.77 1.34 0.00	36.56 1.65 0.00	35.17 1.47 0.00	34.17 1.45 0.00	32.05 1.31 0.00	28.39 1.08 0.00	21.57 0.83 0.00	20.05 0.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.85 0.32 0.00	18.51 0.26 0.00	17.31 0.20 0.00	17.37 0.21 0.00	18.68 0.25 0.00	20.58 0.25 0.00	26.91 0.51 0.00	31.31 0.64 0.00	27.68 0.55 0.00	22.99 0.43 0.00	27.44 0.45 0.00	23.37 0.52 0.00	20.22 0.45 0.00	20.62 0.40 0.00	21.53 0.45 0.00	23.81 0.57 0.00	29.04 0.61 0.00	35.63 0.72 0.00	34.21 0.51 0.00	33.21 0.48 0.00	31.14 0.40 0.00	27.69 0.39 0.00	21.05 0.31 0.00	19.61 0.30 0.00
GOUDEY____7 23579	18.86 0.34 0.00	18.52 0.27 0.00	17.31 0.21 0.00	17.38 0.22 0.00	18.69 0.27 0.00	20.59 0.26 0.00	26.93 0.54 0.00	31.34 0.66 0.00	27.71 0.58 0.00	23.01 0.46 0.00	27.46 0.47 0.00	23.39 0.54 0.00	20.24 0.47 0.00	20.64 0.41 0.00	21.54 0.47 0.00	23.83 0.59 0.00	29.07 0.64 0.00	35.67 0.75 0.00	34.24 0.54 0.00	33.24 0.52 0.00	31.18 0.43 0.00	27.71 0.41 0.00	21.07 0.33 0.00	19.62 0.31 0.00
GOUDEY____8 23580	18.85 0.32 0.00	18.51 0.26 0.00	17.31 0.20 0.00	17.37 0.21 0.00	18.68 0.25 0.00	20.58 0.25 0.00	26.91 0.51 0.00	31.31 0.64 0.00	27.68 0.55 0.00	22.99 0.43 0.00	27.44 0.45 0.00	23.37 0.52 0.00	20.22 0.45 0.00	20.62 0.40 0.00	21.53 0.45 0.00	23.81 0.57 0.00	29.04 0.61 0.00	35.63 0.72 0.00	34.21 0.51 0.00	33.21 0.48 0.00	31.14 0.40 0.00	27.69 0.39 0.00	21.05 0.31 0.00	19.61 0.30 0.00

GOWANUS_GT1_1 24077	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT1_2 24078	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT1_3 24079	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT1_4 24080	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT1_5 24084	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT1_6 24111	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT1_7 24112	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT1_8 24113	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT2_1 24114	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT2_2 24115	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT2_3 24116	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT2_4 24117	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT2_5 24118	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT2_6 24119	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT2_7 24120	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01

GOWANUS_GT2_8 24121	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_1 24122	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_2 24123	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_3 24124	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_4 24125	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_5 24126	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_6 24127	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_7 24128	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT3_8 24129	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT4_1 24130	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT4_2 24131	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT4_3 24132	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT4_4 24133	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT4_5 24134	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT4_6 24135	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01

GOWANUS_GT4_7 24136	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GOWANUS_GT4_8 24137	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GREENBSH_115KV_TB3 55895	18.73 0.21 0.00	18.44 0.19 0.00	17.32 0.22 0.00	17.37 0.21 0.00	18.68 0.25 0.00	20.68 0.35 0.00	26.30 0.44 0.53	31.17 0.56 0.07	26.97 0.47 0.63	22.82 0.34 0.07	26.77 0.35 0.57	22.87 0.27 0.25	20.01 0.25 0.01	20.48 0.29 0.03	21.39 0.32 0.00	23.51 0.40 0.13	28.27 0.52 0.68	34.57 0.72 1.05	34.36 0.66 0.00	33.34 0.61 0.00	31.21 0.59 0.12	27.31 0.37 0.37	21.03 0.34 0.05	19.61 0.31 0.01
GREENEDGE_115KV_TB5 80291	18.71 0.18 0.00	18.40 0.14 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.52 0.10 0.00	20.48 0.15 0.00	26.90 0.50 0.00	31.27 0.60 0.00	27.66 0.54 0.00	22.89 0.33 0.00	27.35 0.36 0.00	23.34 0.50 0.00	20.15 0.38 0.00	20.51 0.29 0.00	21.36 0.29 0.00	23.54 0.30 0.00	28.75 0.31 0.00	35.26 0.35 0.00	33.83 0.13 0.00	32.94 0.21 0.00	30.88 0.13 0.00	27.47 0.17 0.00	20.92 0.18 0.00	19.49 0.18 0.00
GREENIDGE___3 23582	18.71 0.18 0.00	18.40 0.14 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.52 0.10 0.00	20.48 0.15 0.00	26.90 0.50 0.00	31.27 0.60 0.00	27.66 0.54 0.00	22.89 0.33 0.00	27.35 0.36 0.00	23.34 0.50 0.00	20.15 0.38 0.00	20.51 0.29 0.00	21.36 0.29 0.00	23.54 0.30 0.00	28.75 0.31 0.00	35.26 0.35 0.00	33.83 0.13 0.00	32.94 0.21 0.00	30.88 0.13 0.00	27.47 0.17 0.00	20.92 0.18 0.00	19.49 0.18 0.00
GREENIDGE___4 23583	18.71 0.18 0.00	18.39 0.14 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.53 0.10 0.00	20.48 0.15 0.00	26.90 0.51 0.00	31.25 0.57 0.00	27.66 0.54 0.00	22.88 0.33 0.00	27.35 0.36 0.00	23.34 0.50 0.00	20.15 0.38 0.00	20.51 0.29 0.00	21.36 0.29 0.00	23.55 0.31 0.00	28.74 0.31 0.00	35.26 0.35 0.00	33.83 0.13 0.00	32.93 0.21 0.00	30.88 0.13 0.00	27.47 0.17 0.00	20.92 0.18 0.00	19.48 0.18 0.00
GREENLWN_69_KV_BK 3 55738	22.11 1.17 -2.42	19.30 1.05 0.00	18.07 0.97 0.00	18.16 1.00 0.00	19.56 1.13 0.00	21.69 1.37 0.00	28.34 1.44 -0.50	31.57 1.32 0.43	29.04 1.33 -0.58	23.89 1.26 -0.07	29.40 1.87 -0.53	24.68 1.59 -0.24	19.89 1.41 1.28	21.79 1.52 -0.04	22.78 1.63 -0.08	26.26 1.89 -1.13	31.23 2.17 -0.63	31.06 2.27 6.12	25.01 1.99 10.67	32.37 1.84 2.20	32.97 1.96 -0.26	32.25 1.57 -3.38	28.08 1.34 -6.00	20.60 1.28 -0.01
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
GRISSOM___SOLAR 323813	19.68 1.15 0.00	19.31 1.06 0.00	18.04 0.93 0.00	18.09 0.93 0.00	19.42 1.00 0.00	21.57 1.24 0.00	27.84 1.83 0.39	32.60 1.98 0.05	28.34 1.68 0.46	23.65 1.16 0.05	27.63 1.05 0.42	22.96 0.30 0.18	20.37 0.61 0.01	20.30 0.10 0.02	21.15 0.08 0.00	23.41 0.27 0.09	29.09 1.16 0.49	36.36 2.23 0.78	35.71 2.01 0.00	34.72 1.99 0.00	32.51 1.86 0.09	28.79 1.76 0.28	21.91 1.21 0.04	20.41 1.11 0.00
GROVEVILLE___HYD 323602	19.52 1.00 0.00	19.15 0.90 0.00	17.97 0.87 0.00	18.02 0.86 0.00	19.39 0.97 0.00	21.47 1.14 0.00	28.29 1.52 -0.37	32.56 1.83 -0.05	29.17 1.62 -0.43	23.96 1.36 -0.05	28.98 1.60 -0.38	24.40 1.38 -0.17	21.02 1.24 -0.01	21.54 1.30 -0.02	22.46 1.39 0.00	24.98 1.65 -0.08	30.89 2.00 -0.46	38.02 2.39 -0.72	35.91 2.21 0.00	34.83 2.11 0.00	32.78 1.94 -0.09	29.16 1.58 -0.27	22.02 1.25 -0.03	20.47 1.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.63 0.11 0.00	18.33 0.08 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.50 0.08 0.00	20.42 0.09 0.00	26.74 0.35 0.00	31.07 0.39 0.00	27.43 0.31 0.00	22.75 0.19 0.00	27.16 0.17 0.00	23.09 0.24 0.00	19.98 0.21 0.00	20.39 0.17 0.00	21.28 0.21 0.00	23.50 0.26 0.00	28.75 0.32 0.00	35.33 0.42 0.00	34.01 0.31 0.00	33.03 0.30 0.00	30.90 0.15 0.00	27.50 0.20 0.00	20.86 0.13 0.00	19.43 0.12 0.00
HAMLTNNY_34_KV_TB 80303	18.71 0.18 0.00	18.38 0.13 0.00	17.19 0.09 0.00	17.28 0.12 0.00	18.57 0.16 0.00	20.50 0.17 0.00	26.75 0.36 0.00	31.12 0.45 0.00	27.53 0.40 0.00	22.82 0.27 0.00	27.24 0.25 0.00	23.15 0.30 0.00	20.04 0.27 0.00	20.43 0.21 0.00	21.36 0.29 0.00	23.58 0.34 0.00	28.83 0.41 0.00	35.44 0.54 0.00	34.11 0.41 0.00	33.13 0.41 0.00	31.09 0.35 0.00	27.62 0.31 0.00	20.95 0.21 0.00	19.51 0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	18.52 0.00 0.00	18.26 0.01 0.00	17.10 0.00 0.00	17.13 -0.03 0.00	18.41 -0.02 0.00	20.40 0.07 0.00	26.53 0.14 0.00	30.65 -0.03 0.00	27.01 -0.12 0.00	22.44 -0.11 0.00	26.86 -0.13 0.00	22.49 -0.36 0.00	19.28 -0.49 0.00	19.76 -0.47 0.00	20.61 -0.46 0.00	22.63 -0.61 0.00	28.02 -0.41 0.00	34.55 -0.36 0.00	33.57 -0.13 0.00	32.61 -0.11 0.00	30.49 -0.26 0.00	26.99 -0.31 0.00	20.30 -0.44 0.00	18.99 -0.32 0.00
HARDSCRABBLE_WT_PWR 323673	18.89 0.37 0.00	18.58 0.33 0.00	17.43 0.34 0.00	17.51 0.36 0.00	18.85 0.43 0.00	20.92 0.59 0.00	27.22 0.82 0.00	31.49 0.81 0.00	27.74 0.62 0.00	22.97 0.41 0.00	27.37 0.38 0.00	22.91 0.06 0.00	19.90 0.13 0.00	20.25 0.03 0.00	21.03 -0.04 0.00	23.25 0.01 0.00	28.61 0.18 0.00	35.40 0.49 0.00	34.18 0.48 0.00	33.16 0.43 0.00	31.15 0.41 0.00	27.90 0.60 0.00	21.18 0.45 0.00	19.58 0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.42 0.90 0.00	19.05 0.80 0.00	17.86 0.76 0.00	17.91 0.75 0.00	19.29 0.87 0.00	21.35 1.02 0.00	28.16 1.38 -0.38	32.38 1.65 -0.05	29.02 1.45 -0.45	23.80 1.19 -0.05	28.83 1.43 -0.41	24.27 1.24 -0.18	20.91 1.13 -0.01	21.42 1.18 -0.02	22.33 1.25 0.00	24.85 1.53 -0.09	30.76 1.84 -0.49	37.88 2.20 -0.77	35.70 2.01 0.00	34.62 1.89 0.00	32.57 1.73 -0.10	29.05 1.46 -0.29	21.95 1.17 -0.04	20.38 1.07 0.00

HARSNRAD_115KV_TB1 81005	17.75 -0.77 0.00	17.46 -0.79 0.00	16.26 -0.84 0.00	16.38 -0.79 0.00	17.54 -0.88 0.00	19.31 -1.01 0.00	25.33 -1.06 0.00	29.30 -1.38 0.00	26.19 -0.93 0.00	21.82 -0.74 0.00	26.26 -0.73 0.00	22.66 -0.19 0.00	19.61 -0.16 0.00	19.89 -0.33 0.00	20.62 -0.45 0.00	22.52 -0.72 0.00	27.25 -1.18 0.00	33.46 -1.45 0.00	31.77 -1.93 0.00	30.93 -1.79 0.00	29.20 -1.55 0.00	26.14 -1.16 0.00	20.01 -0.73 0.00	18.81 -0.49 0.00
HARZA MOOSE__RIVER 24016	18.80 0.28 0.00	18.51 0.25 0.00	17.33 0.23 0.00	17.37 0.21 0.00	18.69 0.27 0.00	20.74 0.41 0.00	26.94 0.54 0.00	31.00 0.32 0.00	27.28 0.16 0.00	22.64 0.09 0.00	27.08 0.09 0.00	22.79 -0.06 0.00	19.68 -0.08 0.00	20.12 -0.10 0.00	20.98 -0.09 0.00	23.08 -0.15 0.00	28.72 0.29 0.00	35.36 0.45 0.00	34.26 0.56 0.00	33.30 0.58 0.00	31.07 0.33 0.00	27.45 0.14 0.00	20.61 -0.13 0.00	19.32 0.02 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.46 -0.07 0.00	18.16 -0.09 0.00	16.99 -0.10 0.00	17.06 -0.10 0.00	18.32 -0.10 0.00	20.20 -0.13 0.00	26.34 -0.06 0.00	30.63 -0.04 0.00	27.09 -0.04 0.00	22.48 -0.08 0.00	26.86 -0.13 0.00	22.81 -0.04 0.00	19.75 -0.02 0.00	20.16 -0.06 0.00	21.03 -0.04 0.00	23.23 -0.01 0.00	28.42 -0.02 0.00	34.90 0.00 0.00	33.58 -0.11 0.00	32.62 -0.10 0.00	30.61 -0.13 0.00	27.24 -0.06 0.00	20.69 -0.04 0.00	19.27 -0.04 0.00
HELLGATE_13_KV_LD 55870	19.37 0.85 0.00	19.05 0.80 0.00	17.87 0.77 0.00	17.90 0.74 0.00	19.23 0.81 0.00	21.31 0.98 0.00	28.21 1.31 -0.50	32.30 1.56 -0.07	29.06 1.35 -0.59	23.84 1.22 -0.07	29.00 1.48 -0.53	24.41 1.33 -0.24	20.96 1.18 -0.01	21.47 1.22 -0.02	22.37 1.29 0.00	24.89 1.54 -0.12	30.86 1.79 -0.64	37.96 2.05 -1.00	35.50 1.80 0.00	34.49 1.77 0.00	32.51 1.64 -0.13	29.01 1.33 -0.38	21.88 1.09 -0.05	20.36 1.05 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.37 0.85 0.00	19.05 0.80 0.00	17.87 0.77 0.00	17.90 0.74 0.00	19.23 0.81 0.00	21.31 0.98 0.00	28.21 1.31 -0.50	32.30 1.56 -0.07	29.06 1.35 -0.59	23.84 1.22 -0.07	29.00 1.48 -0.53	24.41 1.33 -0.24	20.96 1.18 -0.01	21.47 1.22 -0.02	22.37 1.29 0.00	24.89 1.54 -0.12	30.86 1.79 -0.64	37.96 2.05 -1.00	35.50 1.80 0.00	34.49 1.77 0.00	32.51 1.64 -0.13	29.01 1.33 -0.38	21.88 1.09 -0.05	20.36 1.05 -0.01
HEMPSTEAD____ 23647	21.60 1.14 -1.93	19.25 1.00 0.00	18.03 0.93 0.00	18.11 0.95 0.00	19.50 1.08 0.00	21.63 1.30 0.00	28.44 1.55 -0.50	32.40 1.65 -0.07	29.26 1.55 -0.59	24.02 1.39 -0.07	29.39 1.86 -0.53	24.68 1.60 -0.24	25.40 1.42 -4.21	22.13 1.53 -0.37	23.16 1.64 -0.45	26.94 1.90 -1.81	31.30 2.23 -0.64	38.31 2.39 -1.00	35.83 2.13 0.00	34.79 2.07 0.00	33.43 2.06 -0.63	43.11 1.65 -14.15	33.61 1.37 -11.50	20.61 1.29 -0.01
HEWLETT__69_KV_BK3 55828	21.99 1.34 -2.13	19.42 1.17 0.00	18.19 1.09 0.00	18.27 1.11 0.00	19.67 1.25 0.00	21.83 1.50 0.00	28.67 1.78 -0.50	32.59 1.84 -0.07	29.42 1.71 -0.59	24.17 1.55 -0.07	29.64 2.11 -0.53	24.89 1.80 -0.24	41.22 1.60 -19.84	23.14 1.70 -1.22	24.22 1.80 -1.35	27.32 2.10 -1.98	31.54 2.48 -0.64	38.52 2.61 -1.00	36.07 2.37 0.00	35.02 2.29 0.00	33.74 2.32 -0.68	68.14 1.93 -38.90	41.75 1.58 -19.43	20.82 1.50 -0.02
HICKLING__1 23621	18.83 0.30 0.00	18.48 0.23 0.00	17.21 0.11 0.00	17.26 0.10 0.00	18.59 0.17 0.00	20.44 0.11 0.00	26.90 0.51 0.00	31.63 0.95 0.00	28.05 0.92 0.00	23.29 0.73 0.00	27.86 0.87 0.00	23.82 0.97 0.00	20.56 0.79 0.00	20.90 0.68 0.00	21.77 0.69 0.00	23.85 0.62 0.00	29.05 0.62 0.00	35.71 0.80 0.00	34.18 0.49 0.00	33.11 0.38 0.00	30.95 0.20 0.00	27.47 0.17 0.00	20.92 0.18 0.00	19.51 0.20 0.00
HICKLING__2 23622	18.83 0.30 0.00	18.48 0.23 0.00	17.21 0.11 0.00	17.26 0.10 0.00	18.59 0.17 0.00	20.44 0.11 0.00	26.90 0.51 0.00	31.63 0.95 0.00	28.05 0.92 0.00	23.29 0.73 0.00	27.86 0.87 0.00	23.82 0.97 0.00	20.56 0.79 0.00	20.90 0.68 0.00	21.77 0.69 0.00	23.85 0.62 0.00	29.05 0.62 0.00	35.71 0.80 0.00	34.18 0.49 0.00	33.11 0.38 0.00	30.95 0.20 0.00	27.47 0.17 0.00	20.92 0.18 0.00	19.51 0.20 0.00
HIGH FALLS__HY 23754	19.59 1.07 0.00	19.22 0.96 0.00	18.01 0.91 0.00	18.06 0.90 0.00	19.44 1.02 0.00	21.51 1.18 0.00	28.20 1.61 -0.19	32.60 1.89 -0.03	29.01 1.65 -0.23	23.93 1.35 -0.03	28.70 1.51 -0.20	24.22 1.29 -0.09	20.94 1.16 0.00	21.52 1.29 -0.01	22.38 1.31 0.00	24.93 1.65 -0.05	30.73 2.06 -0.24	37.77 2.48 -0.39	35.98 2.29 0.00	34.94 2.21 0.00	32.82 2.02 -0.05	29.24 1.79 -0.15	22.15 1.39 -0.02	20.58 1.28 0.00
HILLBURN__GT 23639	19.39 0.86 0.00	19.02 0.76 0.00	17.83 0.73 0.00	17.88 0.72 0.00	19.25 0.83 0.00	21.31 0.98 0.00	28.11 1.32 -0.39	32.26 1.53 -0.05	28.93 1.34 -0.46	23.72 1.11 -0.05	28.78 1.37 -0.42	24.23 1.20 -0.19	20.87 1.09 -0.01	21.36 1.12 -0.02	22.29 1.21 0.00	24.79 1.47 -0.09	30.67 1.74 -0.50	37.77 2.07 -0.79	35.55 1.85 0.00	34.45 1.73 0.00	32.43 1.59 -0.10	29.00 1.39 -0.30	21.91 1.13 -0.04	20.36 1.05 0.00
HILLSIDE_115KV_TB1 80332	18.68 0.16 0.00	18.33 0.08 0.00	17.08 -0.02 0.00	17.15 -0.01 0.00	18.46 0.04 0.00	20.30 -0.03 0.00	26.65 0.26 0.00	31.03 0.35 0.00	27.44 0.32 0.00	22.81 0.26 0.00	27.24 0.25 0.00	23.28 0.43 0.00	20.15 0.38 0.00	20.51 0.29 0.00	21.39 0.32 0.00	23.65 0.41 0.00	28.78 0.35 0.00	35.30 0.39 0.00	33.80 0.10 0.00	32.77 0.04 0.00	30.68 -0.07 0.00	27.32 0.01 0.00	20.78 0.04 0.00	19.38 0.07 0.00
HISHELDN_WT_PWR 323625	18.03 -0.49 0.00	17.72 -0.53 0.00	16.47 -0.63 0.00	16.55 -0.61 0.00	17.80 -0.63 0.00	19.58 -0.75 0.00	25.68 -0.71 0.00	29.79 -0.89 0.00	26.62 -0.51 0.00	22.19 -0.37 0.00	26.70 -0.29 0.00	22.98 0.13 0.00	19.87 0.10 0.00	20.07 -0.15 0.00	20.87 -0.20 0.00	22.91 -0.32 0.00	27.75 -0.68 0.00	34.11 -0.80 0.00	32.44 -1.26 0.00	31.43 -1.29 0.00	29.48 -1.27 0.00	26.29 -1.02 0.00	20.09 -0.65 0.00	18.87 -0.44 0.00
HOLTSVILLE_IC_1 23690	29.38 1.57 -9.28	19.66 1.41 0.00	18.40 1.30 0.00	18.49 1.33 0.00	19.92 1.49 0.00	22.10 1.77 -0.01	28.94 2.05 -0.51	51.06 2.18 -18.20	29.78 2.05 -0.60	24.43 1.81 -0.07	30.08 2.55 -0.54	25.24 2.16 -0.24	20.06 1.85 1.56	22.29 2.04 -0.03	23.31 2.18 -0.06	27.61 2.51 -1.87	32.07 2.98 -0.65	69.52 3.17 -31.45	58.16 2.78 -21.69	45.15 2.70 -9.72	34.87 2.77 -1.35	32.35 2.21 -2.83	28.28 1.83 -5.72	21.04 1.72 -0.01
HOLTSVILLE_IC_10 23699	27.93 1.65 -7.75	19.74 1.49 0.00	18.47 1.37 0.00	18.56 1.40 0.00	20.00 1.58 0.00	22.20 1.87 0.00	29.07 2.17 -0.51	49.99 2.38 -16.93	29.98 2.25 -0.60	24.58 1.96 -0.07	30.28 2.76 -0.54	25.41 2.32 -0.24	20.29 1.98 1.45	22.44 2.18 -0.04	23.46 2.32 -0.07	27.84 2.68 -1.92	32.28 3.19 -0.65	72.30 3.43 -33.96	64.35 3.03 -27.62	46.14 2.94 -10.47	35.17 3.00 -1.42	32.70 2.36 -3.04	28.48 1.93 -5.81	21.14 1.82 -0.01

HOLTSVILLE_IC_2 23691	29.38 1.57 -9.28	19.66 1.41 0.00	18.40 1.30 0.00	18.49 1.33 0.00	19.92 1.49 0.00	22.10 1.77 -0.01	28.94 2.05 -0.51	51.06 2.18 -18.20	29.78 2.05 -0.60	24.43 1.81 -0.07	30.08 2.55 -0.54	25.24 2.16 -0.24	20.06 1.85 1.56	22.29 2.04 -0.03	23.31 2.18 -0.06	27.61 2.51 -1.87	32.07 2.98 -0.65	69.52 3.17 -31.45	58.16 2.78 -21.69	45.15 2.70 -9.72	34.87 2.77 -1.35	32.35 2.21 -2.83	28.28 1.83 -5.72	21.04 1.72 -0.01
HOLTSVILLE_IC_3 23692	29.38 1.57 -9.28	19.66 1.41 0.00	18.40 1.30 0.00	18.49 1.33 0.00	19.92 1.49 0.00	22.10 1.77 -0.01	28.94 2.05 -0.51	51.06 2.18 -18.20	29.78 2.05 -0.60	24.43 1.81 -0.07	30.08 2.55 -0.54	25.24 2.16 -0.24	20.06 1.85 1.56	22.29 2.04 -0.03	23.31 2.18 -0.06	27.61 2.51 -1.87	32.07 2.98 -0.65	69.52 3.17 -31.45	58.16 2.78 -21.69	45.15 2.70 -9.72	34.87 2.77 -1.35	32.35 2.21 -2.83	28.28 1.83 -5.72	21.04 1.72 -0.01
HOLTSVILLE_IC_4 23693	29.38 1.57 -9.28	19.66 1.41 0.00	18.40 1.30 0.00	18.49 1.33 0.00	19.92 1.49 0.00	22.10 1.77 -0.01	28.94 2.05 -0.51	51.06 2.18 -18.20	29.78 2.05 -0.60	24.43 1.81 -0.07	30.08 2.55 -0.54	25.24 2.16 -0.24	20.06 1.85 1.56	22.29 2.04 -0.03	23.31 2.18 -0.06	27.61 2.51 -1.87	32.07 2.98 -0.65	69.52 3.17 -31.45	58.16 2.78 -21.69	45.15 2.70 -9.72	34.87 2.77 -1.35	32.35 2.21 -2.83	28.28 1.83 -5.72	21.04 1.72 -0.01
HOLTSVILLE_IC_5 23694	29.38 1.57 -9.28	19.66 1.41 0.00	18.40 1.30 0.00	18.49 1.33 0.00	19.92 1.49 0.00	22.10 1.77 -0.01	28.94 2.05 -0.51	51.06 2.18 -18.20	29.78 2.05 -0.60	24.43 1.81 -0.07	30.08 2.55 -0.54	25.24 2.16 -0.24	20.06 1.85 1.56	22.29 2.04 -0.03	23.31 2.18 -0.06	27.61 2.51 -1.87	32.07 2.98 -0.65	69.52 3.17 -31.45	58.16 2.78 -21.69	45.15 2.70 -9.72	34.87 2.77 -1.35	32.35 2.21 -2.83	28.28 1.83 -5.72	21.04 1.72 -0.01
HOLTSVILLE_IC_6 23695	27.93 1.65 -7.75	19.74 1.49 0.00	18.47 1.37 0.00	18.56 1.40 0.00	20.00 1.58 0.00	22.20 1.87 0.00	29.07 2.17 -0.51	49.99 2.38 -16.93	29.98 2.25 -0.60	24.58 1.96 -0.07	30.28 2.76 -0.54	25.41 2.32 -0.24	20.29 1.98 1.45	22.44 2.18 -0.04	23.46 2.32 -0.07	27.84 2.68 -1.92	32.28 3.19 -0.65	72.30 3.43 -33.96	64.35 3.03 -27.62	46.14 2.94 -10.47	35.17 3.00 -1.42	32.70 2.36 -3.04	28.48 1.93 -5.81	21.14 1.82 -0.01
HOLTSVILLE_IC_7 23696	27.93 1.65 -7.75	19.74 1.49 0.00	18.47 1.37 0.00	18.56 1.40 0.00	20.00 1.58 0.00	22.20 1.87 0.00	29.07 2.17 -0.51	49.99 2.38 -16.93	29.98 2.25 -0.60	24.58 1.96 -0.07	30.28 2.76 -0.54	25.41 2.32 -0.24	20.29 1.98 1.45	22.44 2.18 -0.04	23.46 2.32 -0.07	27.84 2.68 -1.92	32.28 3.19 -0.65	72.30 3.43 -33.96	64.35 3.03 -27.62	46.14 2.94 -10.47	35.17 3.00 -1.42	32.70 2.36 -3.04	28.48 1.93 -5.81	21.14 1.82 -0.01
HOLTSVILLE_IC_8 23697	27.93 1.65 -7.75	19.74 1.49 0.00	18.47 1.37 0.00	18.56 1.40 0.00	20.00 1.58 0.00	22.20 1.87 0.00	29.07 2.17 -0.51	49.99 2.38 -16.93	29.98 2.25 -0.60	24.58 1.96 -0.07	30.28 2.76 -0.54	25.41 2.32 -0.24	20.29 1.98 1.45	22.44 2.18 -0.04	23.46 2.32 -0.07	27.84 2.68 -1.92	32.28 3.19 -0.65	72.30 3.43 -33.96	64.35 3.03 -27.62	46.14 2.94 -10.47	35.17 3.00 -1.42	32.70 2.36 -3.04	28.48 1.93 -5.81	21.14 1.82 -0.01
HOLTSVILLE_IC_9 23698	27.93 1.65 -7.75	19.74 1.49 0.00	18.47 1.37 0.00	18.56 1.40 0.00	20.00 1.58 0.00	22.20 1.87 0.00	29.07 2.17 -0.51	49.99 2.38 -16.93	29.98 2.25 -0.60	24.58 1.96 -0.07	30.28 2.76 -0.54	25.41 2.32 -0.24	20.29 1.98 1.45	22.44 2.18 -0.04	23.46 2.32 -0.07	27.84 2.68 -1.92	32.28 3.19 -0.65	72.30 3.43 -33.96	64.35 3.03 -27.62	46.14 2.94 -10.47	35.17 3.00 -1.42	32.70 2.36 -3.04	28.48 1.93 -5.81	21.14 1.82 -0.01
HOMER_HL_115KV_TB2 355744	18.79 0.26 0.00	18.46 0.21 0.00	17.16 0.06 0.00	17.29 0.13 0.00	18.64 0.22 0.00	20.49 0.16 0.00	26.97 0.57 0.00	31.40 0.73 0.00	27.94 0.81 0.00	23.28 0.73 0.00	28.01 1.02 0.00	24.07 1.22 0.00	20.79 1.03 0.00	21.07 0.85 0.00	21.90 0.83 0.00	24.09 0.85 0.00	29.19 0.76 0.00	35.83 0.93 0.00	34.18 0.48 0.00	33.18 0.45 0.00	31.14 0.40 0.00	27.78 0.47 0.00	21.19 0.45 0.00	19.83 0.52 0.00
HOWARD_WT_PWR 323690	18.52 0.00 0.00	18.29 0.04 0.00	16.83 -0.27 0.00	16.85 -0.30 0.00	18.24 -0.19 0.00	19.79 -0.53 0.00	26.19 -0.21 0.00	30.57 -0.11 0.00	27.27 0.14 0.00	22.70 0.14 0.00	27.31 0.32 0.00	23.38 0.53 0.00	20.17 0.40 0.00	20.37 0.15 0.00	21.04 -0.03 0.00	23.06 -0.18 0.00	28.06 -0.37 0.00	34.84 -0.07 0.00	33.22 -0.47 0.00	32.09 -0.63 0.00	29.81 -0.94 0.00	26.37 -0.93 0.00	20.35 -0.39 0.00	19.10 -0.20 0.00
HQ_GEN_CEDARS 23644	18.55 0.03 0.00	18.35 0.09 0.00	17.18 0.07 0.00	17.23 0.07 0.00	18.45 0.03 0.00	20.36 0.03 0.00	26.44 0.05 0.00	30.72 0.05 0.00	27.12 0.00 0.00	22.58 0.02 0.00	27.09 0.10 0.00	22.81 -0.04 0.00	19.61 -0.16 0.00	20.12 -0.10 0.00	20.95 -0.13 0.00	23.02 -0.21 0.00	28.12 -0.31 0.00	34.59 -0.32 0.00	33.61 -0.09 0.00	32.63 -0.10 0.00	30.69 -0.06 0.00	27.35 0.05 0.00	20.73 -0.01 0.00	19.30 -0.01 0.00
HQ_GEN_CEDARS_PROXY 323590	18.55 0.03 0.00	18.35 0.10 0.00	17.18 0.07 0.00	17.23 0.07 0.00	18.45 0.03 0.00	20.36 0.03 0.00	26.44 0.05 0.00	30.72 0.04 0.00	27.12 0.00 0.00	22.58 0.02 0.00	27.09 0.10 0.00	22.81 -0.04 0.00	19.61 -0.16 0.00	20.12 -0.10 0.00	20.95 -0.13 0.00	23.02 -0.21 0.00	28.12 -0.31 0.00	34.59 -0.32 0.00	35.23 -0.09 -1.62	33.56 -0.10 -0.93	30.69 -0.06 0.00	27.35 0.05 0.00	20.73 -0.01 0.00	19.30 -0.01 0.00
HQ_GEN_IMPORT 323601	18.44 -0.09 0.00	18.21 -0.05 0.00	17.05 -0.05 0.00	17.11 -0.05 0.00	18.33 -0.09 0.00	20.23 -0.10 0.00	26.26 -0.13 0.00	30.54 -0.14 0.00	26.99 -0.14 0.00	22.47 -0.08 0.00	26.93 -0.06 0.00	22.75 -0.10 0.00	19.65 -0.11 0.00	20.13 -0.09 0.00	20.96 -0.11 0.00	23.07 -0.16 0.00	28.21 -0.22 0.00	34.64 -0.27 0.00	33.55 -0.15 0.00	32.57 -0.15 0.00	30.62 -0.13 0.00	27.21 -0.09 0.00	20.64 -0.10 0.00	19.21 -0.09 0.00
HQ_GEN_WHEEL 23651	18.44 -0.09 0.00	18.21 -0.05 0.00	17.05 -0.05 0.00	17.11 -0.05 0.00	18.33 -0.09 0.00	20.23 -0.10 0.00	26.26 -0.13 0.00	30.54 -0.14 0.00	26.99 -0.14 0.00	22.47 -0.08 0.00	26.93 -0.06 0.00	22.75 -0.10 0.00	19.65 -0.11 0.00	20.13 -0.09 0.00	20.96 -0.11 0.00	23.07 -0.16 0.00	28.21 -0.22 0.00	34.64 -0.27 0.00	33.55 -0.15 0.00	32.57 -0.15 0.00	30.62 -0.13 0.00	27.21 -0.09 0.00	20.64 -0.10 0.00	19.21 -0.09 0.00
HUDSON_AVE_GT_3 23810	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.84 0.00	17.97 0.81 0.00	19.33 0.90 0.00	21.42 1.09 0.00	28.32 1.43 -0.50	32.42 1.68 -0.07	29.21 1.50 -0.59	23.93 1.31 -0.07	29.13 1.61 -0.53	24.51 1.42 -0.24	21.06 1.28 -0.01	21.56 1.32 -0.02	22.47 1.40 0.00	25.01 1.66 -0.12	31.01 1.95 -0.64	38.14 2.23 -1.00	35.69 1.99 0.00	34.61 1.88 0.00	32.66 1.79 -0.13	29.13 1.44 -0.38	21.98 1.19 -0.05	20.46 1.14 -0.01

HUDSON AVE_GT_4 23540	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.84 0.00	17.97 0.81 0.00	19.33 0.90 0.00	21.42 1.09 0.00	28.32 1.43 -0.50	32.42 1.68 -0.07	29.21 1.50 -0.59	23.93 1.31 -0.07	29.13 1.61 -0.53	24.51 1.42 -0.24	21.06 1.28 -0.01	21.56 1.32 -0.02	22.47 1.40 0.00	25.01 1.66 -0.12	31.01 1.95 -0.64	38.14 2.23 -1.00	35.69 1.99 0.00	34.61 1.88 0.00	32.66 1.79 -0.13	29.13 1.44 -0.38	21.98 1.19 -0.05	20.46 1.14 -0.01
HUDSON AVE_GT_5 23657	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.84 0.00	17.97 0.81 0.00	19.33 0.90 0.00	21.42 1.09 0.00	28.32 1.43 -0.50	32.42 1.68 -0.07	29.21 1.50 -0.59	23.93 1.31 -0.07	29.13 1.61 -0.53	24.51 1.42 -0.24	21.06 1.28 -0.01	21.56 1.32 -0.02	22.47 1.40 0.00	25.01 1.66 -0.12	31.01 1.95 -0.64	38.14 2.23 -1.00	35.69 1.99 0.00	34.61 1.88 0.00	32.66 1.79 -0.13	29.13 1.44 -0.38	21.98 1.19 -0.05	20.46 1.14 -0.01
HUDSON_AVE_10 24168	19.41 0.89 0.00	19.08 0.83 0.00	17.91 0.81 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.38 1.06 0.00	28.24 1.35 -0.50	32.35 1.60 -0.07	29.12 1.41 -0.59	23.85 1.23 -0.07	29.01 1.49 -0.53	24.41 1.32 -0.24	20.98 1.20 -0.01	21.49 1.24 -0.02	22.39 1.31 0.00	24.91 1.56 -0.12	30.89 1.83 -0.64	38.02 2.10 -1.00	35.55 1.86 0.00	34.48 1.76 0.00	32.54 1.67 -0.13	29.03 1.35 -0.38	21.91 1.12 -0.05	20.39 1.07 -0.01
HUDSON___115KV_TB 4 355613	19.12 0.59 0.00	18.81 0.56 0.00	17.66 0.56 0.00	17.73 0.57 0.00	19.07 0.65 0.00	21.13 0.81 0.00	27.17 1.14 0.37	32.04 1.42 0.05	27.90 1.21 0.43	23.38 0.88 0.05	27.57 0.97 0.39	23.36 0.68 0.17	20.31 0.55 0.01	20.75 0.54 0.02	21.66 0.59 0.00	23.88 0.74 0.09	28.97 1.01 0.46	35.74 1.56 0.73	35.23 1.53 0.00	34.19 1.47 0.00	32.02 1.36 0.09	28.08 1.04 0.26	21.49 0.79 0.03	20.00 0.70 0.00
HUNTER MOUNT___DRP 323613	19.21 0.69 0.00	18.91 0.66 0.00	17.75 0.65 0.00	17.82 0.66 0.00	19.18 0.76 0.00	21.26 0.93 0.00	27.51 1.36 0.24	32.34 1.70 0.03	28.31 1.47 0.28	23.57 1.05 0.03	27.88 1.15 0.26	23.53 0.80 0.11	20.36 0.60 0.01	20.80 0.59 0.01	21.70 0.63 0.00	23.96 0.78 0.06	29.24 1.12 0.31	36.25 1.82 0.49	35.49 1.80 0.00	34.44 1.71 0.00	32.26 1.57 0.06	28.34 1.21 0.17	21.61 0.89 0.02	20.08 0.77 0.00
HUNTINGTON_RES_REC 323705	23.85 1.34 -3.99	19.45 1.20 0.00	18.21 1.11 0.00	18.29 1.14 0.00	19.71 1.29 0.00	21.87 1.54 0.00	28.60 1.70 -0.50	29.64 1.76 2.80	29.41 1.71 -0.58	24.19 1.56 -0.07	29.76 2.24 -0.53	24.99 1.91 -0.24	19.95 1.63 1.45	22.04 1.79 -0.04	23.05 1.91 -0.06	26.24 2.21 -0.79	31.64 2.60 -0.62	15.19 2.75 22.47	2.74 2.42 33.37	27.74 2.29 7.27	32.94 2.40 0.21	32.22 1.86 -3.06	28.14 1.56 -5.84	20.79 1.48 -0.01
HUNTLEY___63 23557	17.94 -0.59 0.00	17.64 -0.61 0.00	16.43 -0.67 0.00	16.54 -0.62 0.00	17.73 -0.69 0.00	19.54 -0.79 0.00	25.60 -0.79 0.00	29.57 -1.11 0.00	26.42 -0.70 0.00	22.02 -0.53 0.00	26.51 -0.48 0.00	22.87 0.02 0.00	19.81 0.04 0.00	20.10 -0.12 0.00	20.87 -0.20 0.00	22.78 -0.45 0.00	27.55 -0.88 0.00	33.78 -1.13 0.00	32.08 -1.61 0.00	31.23 -1.50 0.00	29.44 -1.30 0.00	26.38 -0.93 0.00	20.21 -0.53 0.00	19.00 -0.30 0.00
HUNTLEY___64 23558	17.94 -0.59 0.00	17.64 -0.61 0.00	16.43 -0.67 0.00	16.54 -0.62 0.00	17.73 -0.69 0.00	19.54 -0.79 0.00	25.60 -0.79 0.00	29.57 -1.11 0.00	26.42 -0.70 0.00	22.02 -0.53 0.00	26.51 -0.48 0.00	22.87 0.02 0.00	19.81 0.04 0.00	20.10 -0.12 0.00	20.87 -0.20 0.00	22.78 -0.45 0.00	27.55 -0.88 0.00	33.78 -1.13 0.00	32.08 -1.61 0.00	31.23 -1.50 0.00	29.44 -1.30 0.00	26.38 -0.93 0.00	20.21 -0.53 0.00	19.00 -0.30 0.00
HUNTLEY___65 23559	17.94 -0.59 0.00	17.64 -0.61 0.00	16.43 -0.67 0.00	16.54 -0.62 0.00	17.73 -0.69 0.00	19.54 -0.79 0.00	25.60 -0.79 0.00	29.57 -1.11 0.00	26.42 -0.70 0.00	22.02 -0.53 0.00	26.51 -0.48 0.00	22.87 0.02 0.00	19.81 0.04 0.00	20.10 -0.12 0.00	20.87 -0.20 0.00	22.78 -0.45 0.00	27.55 -0.88 0.00	33.78 -1.13 0.00	32.08 -1.61 0.00	31.23 -1.50 0.00	29.44 -1.30 0.00	26.38 -0.93 0.00	20.21 -0.53 0.00	19.00 -0.30 0.00
HUNTLEY___66 23560	17.94 -0.59 0.00	17.64 -0.61 0.00	16.43 -0.67 0.00	16.54 -0.62 0.00	17.73 -0.69 0.00	19.54 -0.79 0.00	25.60 -0.79 0.00	29.57 -1.11 0.00	26.42 -0.70 0.00	22.02 -0.53 0.00	26.51 -0.48 0.00	22.87 0.02 0.00	19.81 0.04 0.00	20.10 -0.12 0.00	20.87 -0.20 0.00	22.78 -0.45 0.00	27.55 -0.88 0.00	33.78 -1.13 0.00	32.08 -1.61 0.00	31.23 -1.50 0.00	29.44 -1.30 0.00	26.38 -0.93 0.00	20.21 -0.53 0.00	19.00 -0.30 0.00
HUNTLEY___67 23561	17.83 -0.69 0.00	17.54 -0.71 0.00	16.32 -0.78 0.00	16.44 -0.72 0.00	17.62 -0.80 0.00	19.39 -0.94 0.00	25.42 -0.97 0.00	29.42 -1.26 0.00	26.27 -0.85 0.00	21.92 -0.64 0.00	26.38 -0.61 0.00	22.76 -0.09 0.00	19.70 -0.06 0.00	19.96 -0.26 0.00	20.73 -0.34 0.00	22.67 -0.57 0.00	27.41 -1.02 0.00	33.63 -1.28 0.00	31.96 -1.73 0.00	31.11 -1.62 0.00	29.32 -1.43 0.00	26.23 -1.08 0.00	20.06 -0.68 0.00	18.86 -0.45 0.00
HUNTLEY___68 23562	17.83 -0.69 0.00	17.54 -0.71 0.00	16.32 -0.78 0.00	16.44 -0.72 0.00	17.62 -0.80 0.00	19.39 -0.94 0.00	25.42 -0.97 0.00	29.42 -1.26 0.00	26.27 -0.85 0.00	21.92 -0.64 0.00	26.38 -0.61 0.00	22.76 -0.09 0.00	19.70 -0.06 0.00	19.96 -0.26 0.00	20.73 -0.34 0.00	22.67 -0.57 0.00	27.41 -1.02 0.00	33.63 -1.28 0.00	31.96 -1.73 0.00	31.11 -1.62 0.00	29.32 -1.43 0.00	26.23 -1.08 0.00	20.06 -0.68 0.00	18.86 -0.45 0.00
HYLAND___LFGE 323620	19.11 0.59 0.00	18.79 0.54 0.00	17.47 0.37 0.00	17.52 0.36 0.00	18.87 0.45 0.00	20.83 0.51 0.00	27.52 1.13 0.00	32.16 1.48 0.00	28.53 1.40 0.00	22.93 0.37 0.00	27.48 0.49 0.00	23.43 0.58 0.00	20.26 0.49 0.00	20.62 0.39 0.00	21.44 0.37 0.00	23.55 0.32 0.00	28.88 0.45 0.00	36.21 1.30 0.00	34.85 1.15 0.00	33.90 1.17 0.00	31.83 1.08 0.00	28.25 0.94 0.00	21.48 0.74 0.00	19.99 0.69 0.00
INDECK___CORINTH 23802	19.48 0.96 0.00	19.21 0.95 0.00	17.91 0.81 0.00	18.12 0.96 0.00	19.48 1.06 0.00	21.61 1.28 0.00	27.95 2.03 0.48	33.13 2.52 0.07	28.79 2.22 0.56	24.27 1.78 0.07	28.62 2.13 0.50	24.35 1.73 0.22	21.08 1.32 0.01	21.60 1.40 0.02	22.42 1.35 0.00	24.43 1.30 0.11	29.53 1.71 0.60	36.29 2.33 0.95	35.89 2.20 0.00	34.85 2.12 0.00	32.48 1.85 0.11	28.30 1.34 0.34	21.78 1.08 0.04	20.27 0.97 0.01
INDECK___ILION 23567	18.75 0.23 0.00	18.46 0.20 0.00	17.31 0.20 0.00	17.37 0.21 0.00	18.68 0.25 0.00	20.68 0.35 0.00	26.85 0.46 0.00	31.17 0.49 0.00	27.48 0.36 0.00	22.80 0.24 0.00	27.20 0.21 0.00	22.89 0.04 0.00	19.84 0.08 0.00	20.25 0.02 0.00	21.07 0.00 0.00	23.27 0.03 0.00	28.59 0.16 0.00	35.28 0.37 0.00	34.06 0.37 0.00	33.08 0.35 0.00	31.07 0.33 0.00	27.69 0.39 0.00	21.02 0.28 0.00	19.51 0.20 0.00

INDECK___OLEAN 23982	18.79 0.26 0.00	18.46 0.21 0.00	17.16 0.06 0.00	17.29 0.13 0.00	18.64 0.22 0.00	20.51 0.18 0.00	26.97 0.57 0.00	31.37 0.69 0.00	27.94 0.81 0.00	23.27 0.72 0.00	28.00 1.01 0.00	24.06 1.22 0.00	20.80 1.03 0.00	21.07 0.85 0.00	21.90 0.83 0.00	24.10 0.87 0.00	29.18 0.76 0.00	35.82 0.91 0.00	34.18 0.49 0.00	33.18 0.46 0.00	31.16 0.42 0.00	27.77 0.47 0.00	21.18 0.44 0.00	19.83 0.52 0.00
INDECK___OSWEGO 23783	18.15 -0.38 0.00	17.86 -0.39 0.00	16.73 -0.37 0.00	16.78 -0.38 0.00	18.02 -0.40 0.00	19.93 -0.40 0.00	27.00 0.61 0.00	31.33 0.65 0.00	27.58 0.45 0.00	22.85 0.30 0.00	27.25 0.26 0.00	23.07 0.22 0.00	19.98 0.21 0.00	20.40 0.18 0.00	21.30 0.23 0.00	23.49 0.26 0.00	28.92 0.49 0.00	35.60 0.69 0.00	34.30 0.61 0.00	33.34 0.61 0.00	30.23 -0.52 0.00	26.74 -0.56 0.00	20.30 -0.44 0.00	18.88 -0.43 0.00
INDECK___YERKES 23781	17.95 -0.57 0.00	17.66 -0.59 0.00	16.44 -0.65 0.00	16.56 -0.60 0.00	17.75 -0.67 0.00	19.58 -0.75 0.00	25.64 -0.76 0.00	29.57 -1.11 0.00	26.44 -0.68 0.00	22.04 -0.52 0.00	26.53 -0.46 0.00	22.90 0.05 0.00	19.82 0.05 0.00	20.13 -0.09 0.00	20.89 -0.18 0.00	22.82 -0.41 0.00	27.57 -0.86 0.00	33.80 -1.11 0.00	32.12 -1.57 0.00	31.27 -1.45 0.00	29.49 -1.26 0.00	26.40 -0.91 0.00	20.23 -0.51 0.00	19.03 -0.28 0.00
INDIAN POINT_GT_1 24139	19.36 0.83 0.00	19.00 0.75 0.00	17.82 0.72 0.00	17.87 0.71 0.00	19.22 0.80 0.00	21.29 0.96 0.00	28.13 1.26 -0.48	32.25 1.51 -0.07	29.02 1.34 -0.57	23.76 1.14 -0.07	28.89 1.39 -0.51	24.29 1.21 -0.23	20.87 1.10 -0.01	21.38 1.14 -0.02	22.29 1.22 0.00	24.81 1.47 -0.11	30.78 1.74 -0.61	37.90 2.02 -0.97	35.52 1.82 0.00	34.44 1.71 0.00	32.47 1.60 -0.12	28.95 1.28 -0.37	21.84 1.06 -0.05	20.31 0.99 -0.01
INDIAN POINT_GT_2 23659	19.36 0.83 0.00	19.00 0.75 0.00	17.82 0.72 0.00	17.87 0.71 0.00	19.22 0.80 0.00	21.29 0.96 0.00	28.13 1.26 -0.48	32.25 1.51 -0.07	29.02 1.34 -0.57	23.76 1.14 -0.07	28.89 1.39 -0.51	24.29 1.21 -0.23	20.87 1.10 -0.01	21.38 1.14 -0.02	22.29 1.22 0.00	24.81 1.47 -0.11	30.78 1.74 -0.61	37.90 2.02 -0.97	35.52 1.82 0.00	34.44 1.71 0.00	32.47 1.60 -0.12	28.95 1.28 -0.37	21.84 1.06 -0.05	20.31 0.99 -0.01
INDIAN POINT_GT_3 24019	19.36 0.83 0.00	19.00 0.75 0.00	17.82 0.72 0.00	17.87 0.71 0.00	19.22 0.80 0.00	21.29 0.96 0.00	28.13 1.26 -0.48	32.25 1.51 -0.07	29.02 1.34 -0.57	23.76 1.14 -0.07	28.89 1.39 -0.51	24.29 1.21 -0.23	20.87 1.10 -0.01	21.38 1.14 -0.02	22.29 1.22 0.00	24.81 1.47 -0.11	30.78 1.74 -0.61	37.90 2.02 -0.97	35.52 1.82 0.00	34.44 1.71 0.00	32.47 1.60 -0.12	28.95 1.28 -0.37	21.84 1.06 -0.05	20.31 0.99 -0.01
INDIAN POINT___2 23530	19.35 0.83 0.00	18.98 0.73 0.00	17.81 0.71 0.00	17.86 0.70 0.00	19.22 0.80 0.00	21.27 0.95 0.00	28.09 1.26 -0.44	32.26 1.52 -0.06	28.98 1.34 -0.52	23.75 1.13 -0.06	28.84 1.39 -0.47	24.27 1.21 -0.21	20.87 1.09 -0.01	21.37 1.13 -0.02	22.29 1.22 0.00	24.80 1.46 -0.10	30.74 1.74 -0.56	37.84 2.04 -0.89	35.54 1.84 0.00	34.44 1.72 0.00	32.46 1.60 -0.11	28.93 1.29 -0.33	21.84 1.06 -0.04	20.31 1.00 -0.01
INDIAN POINT___3 23531	19.37 0.85 0.00	19.01 0.76 0.00	17.84 0.74 0.00	17.88 0.72 0.00	19.24 0.82 0.00	21.30 0.97 0.00	28.16 1.26 -0.51	32.25 1.50 -0.07	29.06 1.33 -0.60	23.77 1.14 -0.07	28.93 1.40 -0.54	24.32 1.23 -0.24	20.88 1.10 -0.01	21.39 1.15 -0.03	22.30 1.23 0.00	24.82 1.46 -0.12	30.81 1.72 -0.65	37.93 1.99 -1.03	35.49 1.80 0.00	34.44 1.71 0.00	32.47 1.60 -0.13	28.96 1.27 -0.39	21.83 1.05 -0.05	20.31 0.99 -0.01
INGHAM_C_115KV_TB7 356103	18.96 0.43 0.00	18.63 0.38 0.00	17.49 0.39 0.00	17.56 0.40 0.00	18.91 0.49 0.00	21.01 0.68 0.00	27.34 0.95 0.00	31.74 1.06 0.00	27.90 0.77 0.00	23.06 0.50 0.00	27.43 0.44 0.00	22.90 0.05 0.00	19.89 0.12 0.00	20.23 0.00 0.00	21.01 -0.06 0.00	23.25 0.01 0.00	28.65 0.22 0.00	35.59 0.68 0.00	34.40 0.70 0.00	33.38 0.65 0.00	31.32 0.58 0.00	28.06 0.76 0.00	21.30 0.56 0.00	19.71 0.40 0.00
IP CORINTH___1 23988	19.48 0.96 0.00	19.21 0.96 0.00	17.91 0.81 0.00	18.12 0.96 0.00	19.48 1.06 0.00	21.61 1.28 0.00	27.95 2.03 0.48	33.12 2.50 0.07	28.79 2.22 0.56	24.27 1.78 0.07	28.61 2.13 0.50	24.35 1.73 0.22	21.09 1.33 0.01	21.60 1.40 0.02	22.42 1.35 0.00	24.43 1.30 0.11	29.54 1.71 0.60	36.29 2.33 0.95	35.89 2.20 0.00	34.84 2.11 0.00	32.49 1.86 0.11	28.31 1.34 0.34	21.78 1.08 0.04	20.27 0.97 0.01
IP___TICONDEROGA 23804	20.54 2.02 0.00	20.37 2.12 0.00	18.97 1.87 0.00	19.06 1.90 0.00	20.48 2.06 0.00	22.81 2.48 0.00	29.35 3.44 0.48	34.72 4.11 0.07	30.13 3.58 0.57	25.35 2.87 0.07	29.92 3.45 0.51	25.61 2.99 0.23	22.35 2.59 0.01	22.90 2.71 0.02	23.63 2.57 0.00	25.83 2.71 0.11	31.32 3.50 0.61	38.47 4.53 0.96	38.07 4.37 0.00	36.90 4.17 0.00	34.26 3.63 0.11	29.84 2.88 0.34	23.10 2.40 0.04	21.54 2.24 0.01
ISLIP_RES_REC 323679	27.49 1.71 -7.25	19.80 1.55 0.00	18.53 1.43 0.00	18.61 1.45 0.00	20.06 1.64 0.00	22.27 1.94 0.00	29.19 2.29 -0.50	48.71 2.52 -15.51	30.12 2.39 -0.60	24.70 2.08 -0.07	30.43 2.90 -0.54	25.53 2.44 -0.24	20.46 2.07 1.38	22.54 2.28 -0.04	23.56 2.41 -0.07	27.90 2.80 -1.86	32.44 3.36 -0.65	69.55 3.63 -31.01	61.93 3.22 -25.00	45.37 3.11 -9.53	35.24 3.16 -1.34	32.96 2.48 -3.18	28.63 2.02 -5.88	21.21 1.90 -0.01
JAMAICA___27_KV_LOAD 355505	19.53 1.00 0.00	19.27 1.02 0.00	18.10 1.01 0.00	18.14 0.98 0.00	19.49 1.07 0.00	21.59 1.27 0.00	28.49 1.60 -0.50	32.66 1.92 -0.07	29.36 1.65 -0.59	24.03 1.40 -0.07	29.17 1.65 -0.53	24.53 1.45 -0.24	21.11 1.33 -0.01	21.62 1.37 -0.02	22.52 1.44 0.00	25.05 1.70 -0.12	31.09 2.03 -0.64	38.27 2.35 -1.00	35.82 2.12 0.00	34.74 2.02 0.00	32.77 1.90 -0.13	29.24 1.55 -0.38	22.08 1.29 -0.05	20.52 1.21 -0.01
JANIS___SOLAR 323808	19.43 0.91 0.00	19.10 0.85 0.00	17.85 0.75 0.00	17.90 0.75 0.00	19.26 0.84 0.00	21.31 0.98 0.00	27.96 1.57 0.00	32.54 1.86 0.00	28.61 1.48 0.00	23.48 0.92 0.00	27.74 0.75 0.00	23.48 0.63 0.00	20.25 0.49 0.00	20.63 0.40 0.00	21.65 0.58 0.00	24.23 1.00 0.00	29.63 1.20 0.00	36.65 1.74 0.00	35.36 1.66 0.00	34.33 1.60 0.00	32.16 1.42 0.00	28.50 1.20 0.00	21.56 0.83 0.00	20.00 0.69 0.00
JARVIS____ 23743	18.57 0.05 0.00	18.29 0.04 0.00	17.15 0.05 0.00	17.20 0.04 0.00	18.48 0.06 0.00	20.41 0.08 0.00	26.44 0.05 0.00	30.70 0.02 0.00	27.14 0.02 0.00	22.58 0.02 0.00	27.00 0.01 0.00	22.85 0.00 0.00	19.78 0.01 0.00	20.22 0.00 0.00	21.07 0.00 0.00	23.24 0.00 0.00	28.48 0.05 0.00	34.97 0.06 0.00	33.74 0.05 0.00	32.78 0.05 0.00	30.81 0.06 0.00	27.35 0.05 0.00	20.76 0.02 0.00	19.33 0.02 0.00

JENNISON___1 23625	19.47 0.94 0.00	19.16 0.91 0.00	17.92 0.82 0.00	17.97 0.81 0.00	19.33 0.91 0.00	21.38 1.06 0.00	28.05 1.65 0.00	32.68 2.00 0.00	28.61 1.49 0.00	23.73 1.18 0.00	28.09 1.10 0.00	23.72 0.87 0.00	20.46 0.69 0.00	20.86 0.64 0.00	21.81 0.74 0.00	24.30 1.07 0.00	29.74 1.31 0.00	36.64 1.74 0.00	35.26 1.56 0.00	34.22 1.50 0.00	32.05 1.31 0.00	28.37 1.07 0.00	21.48 0.74 0.00	19.93 0.63 0.00
JENNISON___2 23626	19.47 0.94 0.00	19.16 0.91 0.00	17.92 0.82 0.00	17.97 0.81 0.00	19.33 0.91 0.00	21.38 1.06 0.00	28.05 1.65 0.00	32.68 2.00 0.00	28.61 1.49 0.00	23.73 1.18 0.00	28.09 1.10 0.00	23.72 0.87 0.00	20.46 0.69 0.00	20.86 0.64 0.00	21.81 0.74 0.00	24.30 1.07 0.00	29.74 1.31 0.00	36.64 1.74 0.00	35.26 1.56 0.00	34.22 1.50 0.00	32.05 1.31 0.00	28.37 1.07 0.00	21.48 0.74 0.00	19.93 0.63 0.00
JERICHO_RISE_WT_PWR 323719	18.79 0.26 0.00	18.62 0.37 0.00	17.41 0.31 0.00	17.45 0.29 0.00	18.75 0.33 0.00	20.68 0.35 0.00	26.83 0.44 0.00	31.29 0.61 0.00	27.69 0.56 0.00	23.10 0.55 0.00	27.73 0.74 0.00	23.33 0.48 0.00	19.95 0.18 0.00	20.55 0.33 0.00	21.34 0.28 0.00	23.67 0.43 0.00	29.01 0.58 0.00	35.66 0.76 0.00	34.63 0.94 0.00	33.44 0.72 0.00	31.24 0.49 0.00	27.68 0.38 0.00	20.87 0.13 0.00	19.28 -0.03 0.00
KATONAH___115KV_46KV_TB4 355592	19.45 0.92 0.00	19.09 0.84 0.00	17.91 0.81 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.41 1.08 0.00	28.30 1.42 -0.49	32.44 1.70 -0.07	29.18 1.48 -0.58	23.86 1.23 -0.07	29.02 1.49 -0.55	24.39 1.30 -0.24	20.94 1.17 -0.01	21.46 1.21 -0.03	22.37 1.29 0.00	24.88 1.52 -0.12	30.90 1.81 -0.65	38.06 2.12 -1.04	35.64 1.95 0.00	34.57 1.84 0.00	32.59 1.72 -0.13	29.05 1.36 -0.39	21.89 1.10 -0.05	20.35 1.04 -0.01
KCE_NY_1 323755	19.43 0.91 0.00	19.14 0.89 0.00	17.89 0.79 0.00	17.96 0.80 0.00	19.33 0.90 0.00	21.41 1.09 0.00	27.42 1.51 0.49	32.49 1.88 0.07	28.21 1.66 0.57	23.79 1.30 0.07	27.96 1.50 0.52	23.83 1.21 0.23	20.79 1.03 0.01	21.26 1.07 0.02	22.16 1.09 0.00	24.33 1.22 0.12	29.36 1.55 0.62	35.90 1.96 0.98	35.59 1.89 0.00	34.52 1.80 0.00	32.27 1.64 0.12	28.22 1.26 0.35	21.70 1.01 0.04	20.21 0.91 0.01
KCE_NY_6_ESR 323823	18.12 -0.41 0.00	17.81 -0.44 0.00	16.56 -0.54 0.00	16.67 -0.49 0.00	17.89 -0.53 0.00	19.71 -0.62 0.00	25.86 -0.54 0.00	29.93 -0.75 0.00	26.74 -0.38 0.00	22.29 -0.27 0.00	26.83 -0.16 0.00	23.14 0.29 0.00	20.03 0.26 0.00	20.28 0.06 0.00	21.07 0.00 0.00	23.09 -0.14 0.00	27.93 -0.50 0.00	34.26 -0.65 0.00	32.58 -1.11 0.00	31.68 -1.04 0.00	29.82 -0.92 0.00	26.64 -0.67 0.00	20.36 -0.38 0.00	19.12 -0.19 0.00
KEDC_PORT_JEFF_GT2 24210	28.08 1.60 -7.96	19.69 1.44 0.00	18.43 1.33 0.00	18.52 1.36 0.00	19.95 1.53 0.00	22.14 1.81 0.00	28.97 2.07 -0.51	51.12 2.18 -18.26	29.79 2.07 -0.61	24.47 1.84 -0.07	30.16 2.63 -0.54	25.30 2.22 -0.24	20.17 1.89 1.49	22.34 2.09 -0.03	23.36 2.22 -0.07	27.80 2.57 -2.00	32.11 3.02 -0.66	76.02 3.15 -37.96	68.45 2.70 -32.05	47.07 2.62 -11.72	35.03 2.75 -1.54	32.46 2.20 -2.96	28.35 1.83 -5.78	21.07 1.75 -0.01
KEDC_PORT_JEFF_GT3 24211	28.08 1.60 -7.96	19.69 1.44 0.00	18.43 1.33 0.00	18.52 1.36 0.00	19.95 1.53 0.00	22.14 1.81 0.00	28.97 2.07 -0.51	51.12 2.18 -18.26	29.79 2.07 -0.61	24.47 1.84 -0.07	30.16 2.63 -0.54	25.30 2.22 -0.24	20.17 1.89 1.49	22.34 2.09 -0.03	23.36 2.22 -0.07	27.80 2.57 -2.00	32.11 3.02 -0.66	76.02 3.15 -37.96	68.45 2.70 -32.05	47.07 2.62 -11.72	35.03 2.75 -1.54	32.46 2.20 -2.96	28.35 1.83 -5.78	21.07 1.75 -0.01
KEDC_GLWD_GT4 24219	21.89 1.14 -2.24	19.26 1.01 0.00	18.06 0.96 0.00	18.12 0.96 0.00	19.51 1.09 0.00	21.62 1.29 0.00	28.50 1.60 -0.50	32.54 1.79 -0.07	29.33 1.62 -0.59	24.06 1.44 -0.07	29.40 1.87 -0.53	24.70 1.62 -0.24	24.46 1.44 -3.26	22.09 1.53 -0.35	23.13 1.62 -0.43	27.20 1.89 -2.08	31.29 2.22 -0.64	38.38 2.47 -1.00	35.93 2.23 0.00	34.86 2.14 0.00	33.53 2.07 -0.71	42.83 1.69 -13.84	34.71 1.38 -12.59	20.62 1.30 -0.02
KEDC_GLWD_GT5 24220	21.89 1.14 -2.24	19.26 1.01 0.00	18.06 0.96 0.00	18.12 0.96 0.00	19.51 1.09 0.00	21.62 1.29 0.00	28.50 1.60 -0.50	32.54 1.79 -0.07	29.33 1.62 -0.59	24.06 1.44 -0.07	29.40 1.87 -0.53	24.70 1.62 -0.24	24.46 1.44 -3.26	22.09 1.53 -0.35	23.13 1.62 -0.43	27.20 1.89 -2.08	31.29 2.22 -0.64	38.38 2.47 -1.00	35.93 2.23 0.00	34.86 2.14 0.00	33.53 2.07 -0.71	42.83 1.69 -13.84	34.71 1.38 -12.59	20.62 1.30 -0.02
KENSICO____ 23655	19.40 0.87 0.00	19.03 0.78 0.00	17.86 0.76 0.00	17.90 0.75 0.00	19.26 0.84 0.00	21.33 1.00 0.00	28.20 1.31 -0.50	32.31 1.56 -0.07	29.09 1.38 -0.58	23.81 1.19 -0.07	28.98 1.45 -0.53	24.36 1.28 -0.24	20.92 1.15 -0.01	21.44 1.19 -0.02	22.35 1.28 0.00	24.87 1.51 -0.12	30.86 1.80 -0.64	37.98 2.07 -1.00	35.57 1.87 0.00	34.50 1.77 0.00	32.53 1.66 -0.13	29.01 1.33 -0.38	21.88 1.09 -0.05	20.34 1.03 -0.01
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.62 1.09 0.00	19.24 0.99 0.00	18.04 0.94 0.00	18.09 0.92 0.00	19.47 1.05 0.00	21.55 1.22 0.00	28.29 1.67 -0.23	32.70 1.99 -0.03	29.12 1.73 -0.27	23.98 1.40 -0.03	28.79 1.56 -0.24	24.27 1.32 -0.10	20.97 1.19 0.00	21.54 1.31 -0.01	22.41 1.33 0.00	24.96 1.67 -0.05	30.80 2.09 -0.29	37.93 2.56 -0.45	36.07 2.38 0.00	35.02 2.29 0.00	32.90 2.10 -0.06	29.29 1.82 -0.17	22.17 1.41 -0.02	20.61 1.30 0.00
KIAC_JFK_GT1 23816	19.47 0.95 0.00	19.22 0.97 0.00	18.06 0.96 0.00	18.10 0.94 0.00	19.44 1.02 0.00	21.53 1.20 0.00	28.40 1.51 -0.50	32.57 1.82 -0.07	29.28 1.57 -0.59	23.96 1.34 -0.07	29.10 1.58 -0.53	24.48 1.39 -0.24	21.07 1.29 -0.01	21.57 1.33 -0.02	22.47 1.40 0.00	25.00 1.64 -0.12	31.02 1.95 -0.64	38.18 2.26 -1.00	35.72 2.02 0.00	34.64 1.92 0.00	32.68 1.81 -0.13	29.14 1.46 -0.38	22.00 1.22 -0.05	20.47 1.15 -0.01
KIAC_JFK_GT2 23817	19.47 0.95 0.00	19.22 0.97 0.00	18.06 0.96 0.00	18.10 0.94 0.00	19.44 1.02 0.00	21.53 1.20 0.00	28.40 1.51 -0.50	32.57 1.82 -0.07	29.28 1.57 -0.59	23.96 1.34 -0.07	29.10 1.58 -0.53	24.48 1.39 -0.24	21.07 1.29 -0.01	21.57 1.33 -0.02	22.47 1.40 0.00	25.00 1.64 -0.12	31.02 1.95 -0.64	38.18 2.26 -1.00	35.72 2.02 0.00	34.64 1.92 0.00	32.68 1.81 -0.13	29.14 1.46 -0.38	22.00 1.22 -0.05	20.47 1.15 -0.01
KIAC_JFK____ 323774	19.48 0.95 0.00	19.22 0.97 0.00	18.05 0.96 0.00	18.10 0.94 0.00	19.44 1.02 0.00	21.53 1.20 0.00	28.40 1.51 -0.50	32.59 1.84 -0.07	29.28 1.57 -0.59	23.97 1.34 -0.07	29.11 1.59 -0.53	24.48 1.39 -0.24	21.07 1.29 -0.01	21.57 1.33 -0.02	22.47 1.40 0.00	24.99 1.64 -0.12	31.02 1.95 -0.64	38.18 2.27 -1.00	35.72 2.02 0.00	34.64 1.92 0.00	32.67 1.80 -0.13	29.14 1.45 -0.38	22.00 1.22 -0.05	20.47 1.15 -0.01

KINTIGH____ 23543	17.78 -0.74 0.00	17.50 -0.76 0.00	16.29 -0.81 0.00	16.40 -0.76 0.00	17.60 -0.82 0.00	19.36 -0.97 0.00	25.36 -1.03 0.00	29.37 -1.31 0.00	26.20 -0.93 0.00	21.83 -0.73 0.00	26.26 -0.73 0.00	22.60 -0.25 0.00	19.57 -0.20 0.00	19.85 -0.37 0.00	20.63 -0.45 0.00	22.58 -0.66 0.00	27.34 -1.09 0.00	33.55 -1.36 0.00	31.96 -1.74 0.00	31.11 -1.61 0.00	29.31 -1.43 0.00	26.20 -1.11 0.00	20.03 -0.71 0.00	18.81 -0.50 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	19.04 0.51 0.00	18.86 0.61 0.00	17.64 0.54 0.00	17.68 0.53 0.00	19.02 0.60 0.00	21.00 0.67 0.00	27.28 0.89 0.00	31.81 1.13 0.00	28.13 1.01 0.00	23.53 0.97 0.00	28.14 1.16 0.00	23.70 0.86 0.00	20.28 0.52 0.00	20.87 0.65 0.00	21.59 0.52 0.00	24.04 0.80 0.00	29.43 1.00 0.00	36.24 1.34 0.00	35.21 1.52 0.00	34.00 1.28 0.00	31.77 1.02 0.00	28.09 0.79 0.00	21.20 0.46 0.00	19.58 0.27 0.00
LACHUTE__HYDRO 323717	20.54 2.02 0.00	20.37 2.12 0.00	18.97 1.87 0.00	19.06 1.90 0.00	20.48 2.06 0.00	22.81 2.48 0.00	29.35 3.44 0.48	34.73 4.12 0.07	30.13 3.58 0.57	25.35 2.87 0.07	29.92 3.45 0.51	25.61 2.99 0.23	22.35 2.59 0.01	22.90 2.71 0.02	23.63 2.57 0.00	25.83 2.71 0.11	31.32 3.50 0.61	38.47 4.53 0.96	38.07 4.37 0.00	36.90 4.18 0.00	34.26 3.63 0.11	29.84 2.88 0.34	23.10 2.40 0.04	21.54 2.24 0.01
LAWRNCV_115KV_TB1 80681	18.55 0.03 0.00	18.35 0.10 0.00	17.17 0.07 0.00	17.22 0.06 0.00	18.45 0.03 0.00	20.38 0.05 0.00	26.49 0.10 0.00	30.77 0.09 0.00	27.14 0.02 0.00	22.57 0.01 0.00	27.06 0.07 0.00	22.68 -0.17 0.00	19.37 -0.40 0.00	19.87 -0.35 0.00	20.69 -0.38 0.00	22.76 -0.48 0.00	27.82 -0.61 0.00	34.26 -0.65 0.00	33.33 -0.36 0.00	32.36 -0.36 0.00	30.45 -0.29 0.00	27.26 -0.05 0.00	20.65 -0.09 0.00	19.22 -0.09 0.00
LEDERLE____ 23769	19.43 0.91 0.00	19.06 0.81 0.00	17.87 0.77 0.00	17.92 0.76 0.00	19.30 0.88 0.00	21.36 1.03 0.00	28.18 1.39 -0.40	32.42 1.68 -0.06	29.09 1.49 -0.47	23.86 1.24 -0.06	28.93 1.51 -0.43	24.35 1.32 -0.19	20.97 1.19 -0.01	21.47 1.23 -0.02	22.40 1.32 0.00	24.93 1.60 -0.09	30.86 1.93 -0.51	38.00 2.28 -0.80	35.78 2.08 0.00	34.66 1.93 0.00	32.62 1.78 -0.10	29.08 1.47 -0.30	21.97 1.19 -0.04	20.42 1.10 0.00
LIGHTHSE_115KV_TB6 355974	18.37 -0.15 0.00	18.07 -0.18 0.00	16.92 -0.18 0.00	16.97 -0.19 0.00	18.24 -0.18 0.00	20.19 -0.14 0.00	26.66 0.27 0.00	30.87 0.19 0.00	27.21 0.09 0.00	22.56 0.00 0.00	26.90 -0.09 0.00	22.68 -0.17 0.00	19.64 -0.13 0.00	20.06 -0.16 0.00	20.98 -0.09 0.00	23.07 -0.16 0.00	28.57 0.14 0.00	35.20 0.30 0.00	33.97 0.27 0.00	33.01 0.29 0.00	30.45 -0.29 0.00	26.92 -0.39 0.00	20.34 -0.40 0.00	18.94 -0.37 0.00
LINDEN COGEN____ 23786	19.37 0.85 0.00	19.02 0.76 0.00	17.85 0.75 0.00	17.89 0.73 0.00	19.24 0.82 0.00	21.30 0.98 0.00	28.13 1.24 -0.50	32.19 1.44 -0.07	29.00 1.29 -0.59	23.75 1.13 -0.07	28.91 1.38 -0.53	24.31 1.22 -0.24	20.89 1.11 -0.01	21.39 1.15 -0.02	22.28 1.21 0.00	24.81 1.45 -0.12	30.77 1.71 -0.64	37.86 1.94 -1.00	35.39 1.69 0.00	34.31 1.58 0.00	32.40 1.53 -0.13	28.92 1.23 -0.38	21.84 1.05 -0.05	20.35 1.03 -0.01
LINDHRST_69_KV_BK1 356055	22.16 1.49 -2.14	19.57 1.32 0.00	18.33 1.23 0.00	18.40 1.25 0.00	19.83 1.41 0.00	22.01 1.68 0.00	28.87 1.97 -0.50	34.41 2.06 -1.66	29.70 1.99 -0.59	24.40 1.78 -0.07	29.93 2.40 -0.53	25.11 2.03 -0.24	22.04 1.77 -0.50	22.28 1.91 -0.15	23.30 2.04 -0.19	27.04 2.37 -1.44	31.87 2.81 -0.64	41.64 3.03 -3.70	38.35 2.71 -1.95	36.23 2.64 -0.86	34.02 2.70 -0.58	36.11 2.19 -6.61	29.95 1.77 -7.43	20.97 1.65 -0.01
LIPA_MISC_IPP 23656	29.26 1.70 -9.04	19.79 1.53 0.00	18.52 1.42 0.00	18.61 1.45 0.00	20.04 1.62 0.00	22.25 1.92 -0.01	29.16 2.26 -0.51	51.09 2.40 -18.01	30.02 2.30 -0.60	24.58 1.96 -0.07	30.27 2.74 -0.54	25.41 2.32 -0.24	20.22 2.00 1.54	22.46 2.21 -0.03	23.50 2.36 -0.06	27.84 2.73 -1.88	32.33 3.25 -0.65	70.35 3.53 -31.91	59.55 3.13 -22.72	45.63 3.04 -9.86	35.25 3.14 -1.37	32.63 2.46 -2.87	28.47 2.00 -5.73	21.19 1.88 -0.01
LISF__SOLAR 323691	29.02 1.74 -8.76	19.82 1.57 0.00	18.55 1.45 0.00	18.63 1.47 0.00	20.08 1.66 0.00	22.29 1.95 -0.01	29.21 2.32 -0.51	50.97 2.51 -17.78	30.05 2.33 -0.60	24.60 1.98 -0.07	30.31 2.78 -0.54	25.43 2.35 -0.24	20.25 2.00 1.52	22.48 2.23 -0.03	23.51 2.38 -0.07	27.87 2.75 -1.89	32.36 3.27 -0.65	70.86 3.57 -32.38	60.71 3.19 -23.82	45.84 3.11 -10.00	35.29 3.16 -1.38	32.72 2.51 -2.90	28.53 2.04 -5.75	21.23 1.92 -0.01
LITTLE FALLS__HYD 24013	18.96 0.43 0.00	18.63 0.38 0.00	17.49 0.39 0.00	17.56 0.40 0.00	18.91 0.49 0.00	21.01 0.68 0.00	27.34 0.95 0.00	31.74 1.06 0.00	27.90 0.77 0.00	23.06 0.50 0.00	27.43 0.44 0.00	22.90 0.05 0.00	19.89 0.12 0.00	20.23 0.00 0.00	21.01 -0.06 0.00	23.25 0.01 0.00	28.65 0.22 0.00	35.59 0.68 0.00	34.40 0.70 0.00	33.38 0.65 0.00	31.32 0.58 0.00	28.06 0.76 0.00	21.30 0.56 0.00	19.71 0.40 0.00
LITTLRIV_115KV_TB1 356100	18.75 0.23 0.00	18.53 0.28 0.00	17.35 0.25 0.00	17.39 0.23 0.00	18.65 0.23 0.00	20.60 0.27 0.00	26.85 0.46 0.00	31.18 0.50 0.00	27.46 0.34 0.00	22.76 0.20 0.00	27.29 0.29 0.00	22.86 0.01 0.00	19.52 -0.24 0.00	20.06 -0.16 0.00	20.88 -0.19 0.00	23.00 -0.23 0.00	28.09 -0.34 0.00	34.63 -0.27 0.00	33.75 0.05 0.00	32.78 0.05 0.00	30.83 0.08 0.00	27.63 0.32 0.00	20.92 0.18 0.00	19.45 0.14 0.00
LI_NEWBRDGE__DRP 323616	20.88 1.16 -1.19	19.26 1.01 0.00	18.04 0.94 0.00	18.12 0.96 0.00	19.52 1.09 0.00	21.65 1.32 0.00	28.42 1.53 -0.50	32.31 1.57 -0.07	29.19 1.48 -0.59	23.97 1.35 -0.07	29.39 1.87 -0.53	24.68 1.60 -0.24	18.59 1.43 2.61	21.72 1.54 0.04	22.70 1.64 0.01	26.29 1.89 -1.16	31.28 2.22 -0.64	38.25 2.34 -1.00	35.77 2.07 0.00	34.74 2.01 0.00	33.22 2.04 -0.44	29.83 1.64 -0.89	26.91 1.37 -4.81	20.61 1.29 -0.01
LOCKPORT_115KV_TB60_63_64 80432	17.76 -0.76 0.00	17.46 -0.79 0.00	16.26 -0.84 0.00	16.38 -0.78 0.00	17.54 -0.88 0.00	19.32 -1.01 0.00	25.35 -1.05 0.00	29.32 -1.36 0.00	26.21 -0.92 0.00	21.82 -0.74 0.00	26.26 -0.73 0.00	22.65 -0.19 0.00	19.60 -0.17 0.00	19.90 -0.32 0.00	20.62 -0.46 0.00	22.52 -0.72 0.00	27.26 -1.17 0.00	33.47 -1.44 0.00	31.77 -1.93 0.00	30.95 -1.77 0.00	29.23 -1.52 0.00	26.16 -1.14 0.00	20.02 -0.72 0.00	18.82 -0.48 0.00
LOCKPORT__CC1 323769	17.75 -0.77 0.00	17.46 -0.79 0.00	16.26 -0.84 0.00	16.38 -0.79 0.00	17.54 -0.88 0.00	19.33 -1.00 0.00	25.33 -1.06 0.00	29.28 -1.40 0.00	26.19 -0.94 0.00	21.80 -0.75 0.00	26.24 -0.75 0.00	22.66 -0.19 0.00	19.60 -0.17 0.00	19.89 -0.33 0.00	20.62 -0.45 0.00	22.54 -0.70 0.00	27.24 -1.19 0.00	33.44 -1.47 0.00	31.77 -1.93 0.00	30.94 -1.79 0.00	29.22 -1.53 0.00	26.15 -1.16 0.00	20.01 -0.73 0.00	18.81 -0.49 0.00

LOCKPORT___CC2 323770	17.75 -0.77 0.00	17.46 -0.79 0.00	16.26 -0.84 0.00	16.38 -0.79 0.00	17.54 -0.88 0.00	19.33 -1.00 0.00	25.33 -1.06 0.00	29.28 -1.40 0.00	26.19 -0.94 0.00	21.80 -0.75 0.00	26.24 -0.75 0.00	22.66 -0.19 0.00	19.60 -0.17 0.00	19.89 -0.33 0.00	20.62 -0.45 0.00	22.54 -0.70 0.00	27.24 -1.19 0.00	33.44 -1.47 0.00	31.77 -1.93 0.00	30.94 -1.79 0.00	29.22 -1.53 0.00	26.15 -1.16 0.00	20.01 -0.73 0.00	18.81 -0.49 0.00
LOCKPORT___CC3 323771	17.75 -0.77 0.00	17.46 -0.79 0.00	16.26 -0.84 0.00	16.38 -0.79 0.00	17.54 -0.88 0.00	19.33 -1.00 0.00	25.33 -1.06 0.00	29.28 -1.40 0.00	26.19 -0.94 0.00	21.80 -0.75 0.00	26.24 -0.75 0.00	22.66 -0.19 0.00	19.60 -0.17 0.00	19.89 -0.33 0.00	20.62 -0.45 0.00	22.54 -0.70 0.00	27.24 -1.19 0.00	33.44 -1.47 0.00	31.77 -1.93 0.00	30.94 -1.79 0.00	29.22 -1.53 0.00	26.15 -1.16 0.00	20.01 -0.73 0.00	18.81 -0.49 0.00
LONG_LAKE_PHOENIX 24014	18.33 -0.19 0.00	18.04 -0.21 0.00	16.88 -0.21 0.00	16.94 -0.22 0.00	18.20 -0.22 0.00	20.10 -0.23 0.00	26.90 0.51 0.00	31.24 0.56 0.00	27.54 0.41 0.00	22.83 0.27 0.00	27.24 0.25 0.00	23.08 0.23 0.00	19.99 0.22 0.00	20.43 0.21 0.00	21.30 0.23 0.00	23.51 0.28 0.00	28.88 0.45 0.00	35.53 0.62 0.00	34.22 0.52 0.00	33.26 0.53 0.00	30.48 -0.26 0.00	27.06 -0.25 0.00	20.55 -0.20 0.00	19.10 -0.20 0.00
LOVETT___3 23632	19.34 0.82 0.00	18.97 0.72 0.00	17.78 0.68 0.00	17.84 0.68 0.00	19.21 0.78 0.00	21.26 0.93 0.00	28.03 1.24 -0.40	32.24 1.50 -0.06	28.93 1.33 -0.47	23.73 1.12 -0.06	28.78 1.36 -0.43	24.22 1.18 -0.19	20.85 1.07 -0.01	21.35 1.11 -0.02	22.27 1.20 0.00	24.78 1.45 -0.09	30.68 1.74 -0.51	37.78 2.06 -0.81	35.55 1.86 0.00	34.45 1.72 0.00	32.44 1.59 -0.10	28.92 1.30 -0.30	21.84 1.07 -0.04	20.31 0.99 0.00
LOVETT___4 23642	19.34 0.82 0.00	18.97 0.72 0.00	17.78 0.68 0.00	17.84 0.68 0.00	19.21 0.78 0.00	21.26 0.93 0.00	28.03 1.24 -0.40	32.24 1.50 -0.06	28.93 1.33 -0.47	23.73 1.12 -0.06	28.78 1.36 -0.43	24.22 1.18 -0.19	20.85 1.07 -0.01	21.35 1.11 -0.02	22.27 1.20 0.00	24.78 1.45 -0.09	30.68 1.74 -0.51	37.78 2.06 -0.81	35.55 1.86 0.00	34.45 1.72 0.00	32.44 1.59 -0.10	28.92 1.30 -0.30	21.84 1.07 -0.04	20.31 0.99 0.00
LOVETT___5 23593	19.34 0.82 0.00	18.97 0.72 0.00	17.78 0.68 0.00	17.84 0.68 0.00	19.21 0.78 0.00	21.26 0.93 0.00	28.03 1.24 -0.40	32.24 1.50 -0.06	28.93 1.33 -0.47	23.73 1.12 -0.06	28.78 1.36 -0.43	24.22 1.18 -0.19	20.85 1.07 -0.01	21.35 1.11 -0.02	22.27 1.20 0.00	24.78 1.45 -0.09	30.68 1.74 -0.51	37.78 2.06 -0.81	35.55 1.86 0.00	34.45 1.72 0.00	32.44 1.59 -0.10	28.92 1.30 -0.30	21.84 1.07 -0.04	20.31 0.99 0.00
LOWER RAQUET___HYD 24057	18.55 0.03 0.00	18.35 0.10 0.00	17.17 0.07 0.00	17.21 0.05 0.00	18.46 0.03 0.00	20.39 0.06 0.00	26.52 0.12 0.00	30.77 0.09 0.00	27.14 0.02 0.00	22.56 0.01 0.00	27.05 0.06 0.00	22.64 -0.21 0.00	19.29 -0.48 0.00	19.80 -0.42 0.00	20.61 -0.46 0.00	22.67 -0.56 0.00	27.72 -0.71 0.00	34.16 -0.75 0.00	33.25 -0.45 0.00	32.28 -0.44 0.00	30.38 -0.36 0.00	27.22 -0.08 0.00	20.63 -0.11 0.00	19.20 -0.11 0.00
LOWER___HUDSON 24059	19.14 0.62 0.00	18.85 0.60 0.00	17.67 0.58 0.00	17.75 0.59 0.00	19.08 0.66 0.00	21.13 0.80 0.00	26.78 1.02 0.64	31.86 1.27 0.09	27.45 1.07 0.74	23.29 0.83 0.09	27.23 0.92 0.67	23.30 0.75 0.30	20.41 0.65 0.01	20.88 0.69 0.03	21.79 0.73 0.00	23.90 0.82 0.15	28.64 1.01 0.80	34.95 1.31 1.26	34.93 1.24 0.00	33.91 1.18 0.00	31.68 1.09 0.15	27.68 0.82 0.45	21.36 0.68 0.06	19.93 0.63 0.01
LOWVILLE_115KV_TB2 356335	18.70 0.18 0.00	18.40 0.15 0.00	17.24 0.14 0.00	17.26 0.10 0.00	18.58 0.16 0.00	20.66 0.33 0.00	26.80 0.41 0.00	30.69 0.02 0.00	27.00 -0.12 0.00	22.45 -0.10 0.00	26.89 -0.10 0.00	22.55 -0.30 0.00	19.46 -0.31 0.00	19.89 -0.33 0.00	20.77 -0.30 0.00	22.77 -0.46 0.00	28.53 0.10 0.00	35.16 0.25 0.00	34.09 0.40 0.00	33.16 0.43 0.00	30.82 0.08 0.00	27.08 -0.23 0.00	20.21 -0.53 0.00	19.06 -0.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.43 0.91 0.00	19.14 0.89 0.00	17.90 0.79 0.00	17.97 0.81 0.00	19.33 0.91 0.00	21.41 1.09 0.00	27.42 1.52 0.49	32.47 1.86 0.07	28.19 1.64 0.57	23.80 1.31 0.07	27.97 1.50 0.52	23.84 1.22 0.23	20.79 1.03 0.01	21.27 1.07 0.02	22.17 1.10 0.00	24.33 1.21 0.12	29.34 1.53 0.62	35.92 1.98 0.98	35.58 1.89 0.00	34.54 1.81 0.00	32.28 1.65 0.12	28.22 1.27 0.35	21.70 1.00 0.04	20.22 0.92 0.01
LUTHERNY_35_KV_BK2 355980	19.43 0.91 0.00	19.14 0.89 0.00	17.89 0.79 0.00	17.96 0.80 0.00	19.33 0.90 0.00	21.42 1.09 0.00	27.42 1.51 0.49	32.47 1.86 0.07	28.21 1.65 0.57	23.79 1.30 0.07	27.96 1.49 0.52	23.82 1.21 0.23	20.79 1.03 0.01	21.26 1.07 0.02	22.16 1.10 0.00	24.33 1.22 0.12	29.36 1.55 0.62	35.90 1.97 0.98	35.59 1.89 0.00	34.52 1.80 0.00	32.28 1.65 0.12	28.22 1.26 0.35	21.70 1.01 0.04	20.21 0.91 0.01
LWR___OSWEGATCHIE_HYD 23850	18.52 0.00 0.00	18.26 0.01 0.00	17.10 0.00 0.00	17.13 -0.03 0.00	18.41 -0.02 0.00	20.40 0.07 0.00	26.53 0.14 0.00	30.64 -0.04 0.00	27.01 -0.12 0.00	22.44 -0.11 0.00	26.86 -0.13 0.00	22.49 -0.36 0.00	19.28 -0.49 0.00	19.76 -0.47 0.00	20.61 -0.46 0.00	22.63 -0.61 0.00	28.02 -0.41 0.00	34.55 -0.36 0.00	33.57 -0.13 0.00	32.61 -0.11 0.00	30.49 -0.26 0.00	26.99 -0.31 0.00	20.30 -0.44 0.00	18.99 -0.32 0.00
LYONS_FALL_HYD 23570	18.80 0.28 0.00	18.51 0.25 0.00	17.33 0.23 0.00	17.37 0.21 0.00	18.69 0.27 0.00	20.74 0.41 0.00	26.94 0.54 0.00	30.97 0.29 0.00	27.28 0.16 0.00	22.64 0.09 0.00	27.08 0.09 0.00	22.79 -0.06 0.00	19.69 -0.08 0.00	20.12 -0.10 0.00	20.98 -0.09 0.00	23.08 -0.15 0.00	28.72 0.29 0.00	35.35 0.44 0.00	34.26 0.56 0.00	33.30 0.57 0.00	31.08 0.34 0.00	27.45 0.14 0.00	20.61 -0.13 0.00	19.32 0.02 0.00
MADISON___COUNTY_LFGE 323628	19.08 0.56 0.00	18.78 0.53 0.00	17.58 0.48 0.00	17.62 0.47 0.00	18.96 0.54 0.00	20.98 0.65 0.00	27.35 0.96 0.00	31.70 1.02 0.00	27.89 0.76 0.00	23.02 0.47 0.00	27.46 0.47 0.00	23.23 0.38 0.00	20.09 0.31 0.00	20.52 0.30 0.00	21.39 0.32 0.00	23.65 0.41 0.00	29.26 0.83 0.00	35.95 1.04 0.00	34.80 1.11 0.00	33.82 1.10 0.00	31.67 0.92 0.00	28.19 0.89 0.00	21.32 0.58 0.00	19.84 0.53 0.00
MALONE___115KV_TB1 356076	18.90 0.37 0.00	18.72 0.47 0.00	17.51 0.41 0.00	17.54 0.38 0.00	18.84 0.41 0.00	20.80 0.47 0.00	27.05 0.66 0.00	31.52 0.84 0.00	27.89 0.76 0.00	23.24 0.69 0.00	27.86 0.87 0.00	23.40 0.55 0.00	19.98 0.21 0.00	20.54 0.32 0.00	21.33 0.26 0.00	23.60 0.36 0.00	28.94 0.51 0.00	35.68 0.77 0.00	34.69 0.99 0.00	33.54 0.81 0.00	31.37 0.63 0.00	27.88 0.58 0.00	21.03 0.29 0.00	19.44 0.13 0.00

MAPLEWOD_115KV_TB3 80458	18.89 0.37 0.00	18.60 0.35 0.00	17.46 0.36 0.00	17.51 0.35 0.00	18.83 0.41 0.00	20.85 0.53 0.00	26.49 0.67 0.57	31.45 0.86 0.08	27.17 0.72 0.67	23.04 0.56 0.08	26.98 0.60 0.61	23.07 0.49 0.27	20.20 0.44 0.01	20.67 0.48 0.03	21.58 0.52 0.00	23.71 0.61 0.14	28.48 0.78 0.72	34.81 1.04 1.14	34.67 0.97 0.00	33.63 0.90 0.00	31.46 0.84 0.13	27.48 0.58 0.40	21.18 0.49 0.05	19.76 0.45 0.01
MAPLE_RIDGE_WT_1 323574	18.47 -0.06 0.00	18.22 -0.04 0.00	17.06 -0.04 0.00	17.09 -0.07 0.00	18.38 -0.04 0.00	20.33 0.00 0.00	26.04 -0.36 0.00	29.75 -0.92 0.00	26.39 -0.74 0.00	22.23 -0.33 0.00	26.67 -0.32 0.00	22.57 -0.27 0.00	19.52 -0.24 0.00	19.90 -0.32 0.00	20.69 -0.39 0.00	22.68 -0.56 0.00	27.96 -0.47 0.00	34.18 -0.73 0.00	33.04 -0.66 0.00	32.16 -0.56 0.00	30.15 -0.59 0.00	26.54 -0.77 0.00	20.03 -0.71 0.00	18.69 -0.62 0.00
MAPLE_RIDGE_WT_2 323611	18.47 -0.06 0.00	18.22 -0.04 0.00	17.06 -0.04 0.00	17.09 -0.07 0.00	18.38 -0.04 0.00	20.33 0.00 0.00	26.04 -0.36 0.00	29.75 -0.92 0.00	26.39 -0.74 0.00	22.23 -0.33 0.00	26.67 -0.32 0.00	22.57 -0.27 0.00	19.52 -0.24 0.00	19.90 -0.32 0.00	20.69 -0.39 0.00	22.68 -0.56 0.00	27.96 -0.47 0.00	34.18 -0.73 0.00	33.04 -0.66 0.00	32.16 -0.56 0.00	30.15 -0.59 0.00	26.54 -0.77 0.00	20.03 -0.71 0.00	18.69 -0.62 0.00
MARBLE_RIVER_WT_PWR 323696	18.83 0.31 0.00	18.67 0.42 0.00	17.46 0.36 0.00	17.50 0.34 0.00	18.81 0.39 0.00	20.74 0.42 0.00	26.93 0.54 0.00	31.39 0.71 0.00	27.78 0.65 0.00	23.17 0.62 0.00	27.81 0.82 0.00	23.41 0.56 0.00	20.03 0.26 0.00	20.62 0.40 0.00	21.40 0.33 0.00	23.76 0.53 0.00	29.12 0.69 0.00	35.79 0.88 0.00	34.76 1.06 0.00	33.56 0.83 0.00	31.32 0.57 0.00	27.75 0.44 0.00	20.94 0.20 0.00	19.35 0.05 0.00
MARSHVLE_115KV_TB1 80742	19.40 0.88 0.00	19.12 0.87 0.00	17.86 0.76 0.00	17.90 0.74 0.00	19.19 0.77 0.00	21.17 0.84 0.00	27.23 1.23 0.39	32.03 1.41 0.05	27.99 1.32 0.46	23.68 1.18 0.05	27.75 1.17 0.42	23.75 1.08 0.18	20.65 0.89 0.01	21.05 0.85 0.02	21.82 0.76 0.00	23.89 0.74 0.09	28.85 0.92 0.49	35.58 1.46 0.78	35.13 1.43 0.00	34.15 1.42 0.00	32.02 1.37 0.09	28.25 1.22 0.28	21.55 0.84 0.04	20.08 0.78 0.00
MARSH_HILL_WT_PWR 323713	18.51 -0.02 0.00	18.27 0.02 0.00	16.81 -0.29 0.00	16.84 -0.32 0.00	18.23 -0.19 0.00	19.77 -0.56 0.00	26.14 -0.26 0.00	30.50 -0.18 0.00	27.20 0.08 0.00	22.66 0.10 0.00	27.27 0.28 0.00	23.34 0.49 0.00	20.14 0.38 0.00	20.34 0.12 0.00	21.01 -0.06 0.00	23.03 -0.20 0.00	28.02 -0.41 0.00	34.79 -0.12 0.00	33.17 -0.52 0.00	32.03 -0.69 0.00	29.77 -0.98 0.00	26.34 -0.96 0.00	20.33 -0.41 0.00	19.11 -0.20 0.00
MCINTYRE_115KV_TB2 80467	18.82 0.29 0.00	18.61 0.36 0.00	17.41 0.31 0.00	17.46 0.30 0.00	18.72 0.30 0.00	20.67 0.34 0.00	26.94 0.55 0.00	31.32 0.65 0.00	27.61 0.48 0.00	22.82 0.27 0.00	27.38 0.39 0.00	22.97 0.12 0.00	19.69 -0.08 0.00	20.22 0.00 0.00	21.07 0.00 0.00	23.24 0.00 0.00	28.34 -0.09 0.00	34.96 0.05 0.00	34.09 0.39 0.00	33.12 0.39 0.00	31.14 0.40 0.00	27.83 0.52 0.00	21.05 0.31 0.00	19.56 0.26 0.00
MECO____69_KV_BK1 80468	19.67 1.15 0.00	19.31 1.07 0.00	18.04 0.94 0.00	18.09 0.93 0.00	19.42 1.00 0.00	21.57 1.24 0.00	27.84 1.83 0.39	32.66 2.03 0.05	28.34 1.67 0.46	23.65 1.16 0.05	27.63 1.05 0.42	22.96 0.30 0.18	20.38 0.62 0.01	20.30 0.10 0.02	21.15 0.08 0.00	23.41 0.27 0.09	29.09 1.16 0.49	36.36 2.23 0.78	35.71 2.01 0.00	34.72 2.00 0.00	32.49 1.84 0.09	28.79 1.76 0.28	21.91 1.21 0.04	20.41 1.11 0.00
MENANDS_115KV_TB5 355628	18.86 0.33 0.00	18.56 0.31 0.00	17.42 0.32 0.00	17.48 0.32 0.00	18.80 0.38 0.00	20.82 0.49 0.00	26.44 0.62 0.57	31.38 0.79 0.08	27.12 0.66 0.67	22.97 0.50 0.08	26.92 0.54 0.61	23.02 0.44 0.27	20.16 0.40 0.01	20.63 0.44 0.03	21.55 0.48 0.00	23.67 0.57 0.14	28.42 0.72 0.72	34.73 0.96 1.14	34.59 0.89 0.00	33.56 0.83 0.00	31.39 0.78 0.13	27.42 0.52 0.40	21.14 0.45 0.05	19.72 0.42 0.01
MG INDUSTRY___DRP 24185	19.02 0.50 0.00	18.73 0.48 0.00	17.59 0.49 0.00	17.65 0.49 0.00	18.98 0.56 0.00	20.99 0.66 0.00	26.93 0.86 0.33	31.66 1.03 0.05	27.62 0.87 0.38	23.18 0.68 0.05	27.40 0.76 0.35	23.32 0.62 0.15	20.31 0.56 0.01	20.76 0.56 0.02	21.69 0.62 0.00	23.88 0.72 0.08	28.91 0.90 0.41	35.44 1.19 0.66	34.81 1.11 0.00	33.78 1.05 0.00	31.61 0.94 0.08	27.76 0.70 0.24	21.29 0.58 0.03	19.85 0.54 0.00
MID___OSWEGATCHIE_HYD 23849	18.52 0.00 0.00	18.26 0.01 0.00	17.10 0.00 0.00	17.13 -0.03 0.00	18.41 -0.02 0.00	20.40 0.07 0.00	26.53 0.14 0.00	30.64 -0.04 0.00	27.01 -0.12 0.00	22.44 -0.11 0.00	26.86 -0.13 0.00	22.49 -0.36 0.00	19.28 -0.49 0.00	19.76 -0.47 0.00	20.61 -0.46 0.00	22.63 -0.61 0.00	28.02 -0.41 0.00	34.55 -0.36 0.00	33.57 -0.13 0.00	32.61 -0.11 0.00	30.49 -0.26 0.00	26.99 -0.31 0.00	20.30 -0.44 0.00	18.99 -0.32 0.00
MID___RAQUETTE_HYD 23851	18.55 0.03 0.00	18.35 0.10 0.00	17.17 0.07 0.00	17.21 0.05 0.00	18.46 0.03 0.00	20.39 0.06 0.00	26.52 0.12 0.00	30.78 0.10 0.00	27.14 0.02 0.00	22.56 0.01 0.00	27.06 0.07 0.00	22.64 -0.21 0.00	19.29 -0.48 0.00	19.80 -0.42 0.00	20.61 -0.46 0.00	22.67 -0.57 0.00	27.72 -0.71 0.00	34.16 -0.75 0.00	33.25 -0.45 0.00	32.28 -0.44 0.00	30.38 -0.37 0.00	27.22 -0.08 0.00	20.62 -0.11 0.00	19.20 -0.11 0.00
MILLIKEN___1 23584	19.03 0.50 0.00	18.69 0.44 0.00	17.47 0.37 0.00	17.56 0.40 0.00	18.89 0.46 0.00	20.84 0.52 0.00	27.25 0.86 0.00	31.69 1.01 0.00	27.97 0.85 0.00	23.13 0.58 0.00	27.54 0.55 0.00	23.39 0.54 0.00	20.21 0.44 0.00	20.60 0.38 0.00	21.57 0.50 0.00	23.91 0.68 0.00	29.20 0.77 0.00	35.96 1.06 0.00	34.61 0.91 0.00	33.62 0.89 0.00	31.55 0.80 0.00	28.04 0.73 0.00	21.26 0.52 0.00	19.78 0.48 0.00
MILLIKEN___2 23585	19.03 0.50 0.00	18.69 0.44 0.00	17.47 0.37 0.00	17.56 0.40 0.00	18.89 0.46 0.00	20.84 0.52 0.00	27.25 0.86 0.00	31.69 1.01 0.00	27.97 0.85 0.00	23.13 0.58 0.00	27.54 0.55 0.00	23.39 0.54 0.00	20.21 0.44 0.00	20.60 0.38 0.00	21.57 0.50 0.00	23.91 0.68 0.00	29.20 0.77 0.00	35.96 1.06 0.00	34.61 0.91 0.00	33.62 0.89 0.00	31.55 0.80 0.00	28.04 0.73 0.00	21.26 0.52 0.00	19.78 0.48 0.00
MILLIKEN___DIESEL 23629	19.03 0.50 0.00	18.69 0.44 0.00	17.47 0.37 0.00	17.56 0.40 0.00	18.89 0.46 0.00	20.84 0.52 0.00	27.25 0.86 0.00	31.69 1.01 0.00	27.97 0.85 0.00	23.13 0.58 0.00	27.54 0.55 0.00	23.39 0.54 0.00	20.21 0.44 0.00	20.60 0.38 0.00	21.57 0.50 0.00	23.91 0.68 0.00	29.20 0.77 0.00	35.96 1.06 0.00	34.61 0.91 0.00	33.62 0.89 0.00	31.55 0.80 0.00	28.04 0.73 0.00	21.26 0.52 0.00	19.78 0.48 0.00

MILLSEAT___LFGE 323607	18.14 -0.38 0.00	17.83 -0.42 0.00	16.62 -0.48 0.00	16.72 -0.44 0.00	17.93 -0.49 0.00	19.80 -0.53 0.00	26.00 -0.39 0.00	30.11 -0.56 0.00	26.88 -0.24 0.00	22.29 -0.27 0.00	26.77 -0.22 0.00	23.05 0.20 0.00	19.88 0.12 0.00	20.22 0.00 0.00	20.90 -0.17 0.00	22.83 -0.41 0.00	27.88 -0.55 0.00	34.23 -0.68 0.00	32.39 -1.30 0.00	31.61 -1.12 0.00	30.04 -0.70 0.00	26.84 -0.47 0.00	20.47 -0.28 0.00	19.19 -0.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.37 0.85 0.00	19.01 0.76 0.00	17.84 0.74 0.00	17.89 0.73 0.00	19.24 0.82 0.00	21.30 0.98 0.00	28.16 1.28 -0.49	32.27 1.52 -0.07	29.05 1.34 -0.58	23.78 1.16 -0.07	28.93 1.41 -0.53	24.32 1.24 -0.23	20.89 1.11 -0.01	21.40 1.15 -0.02	22.31 1.24 0.00	24.83 1.48 -0.12	30.81 1.75 -0.63	37.93 2.03 -0.99	35.53 1.83 0.00	34.46 1.74 0.00	32.49 1.62 -0.12	28.97 1.29 -0.37	21.85 1.06 -0.05	20.32 1.01 -0.01
MILLWOOD_13_KV_LOAD 356217	19.41 0.89 0.00	19.05 0.80 0.00	17.88 0.78 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.24 1.36 -0.49	32.36 1.61 -0.07	29.13 1.43 -0.58	23.85 1.22 -0.07	29.02 1.51 -0.53	24.40 1.31 -0.23	20.95 1.17 -0.01	21.46 1.21 -0.02	22.37 1.30 0.00	24.90 1.55 -0.12	30.90 1.84 -0.63	38.04 2.13 -0.99	35.64 1.94 0.00	34.57 1.84 0.00	32.58 1.71 -0.12	29.05 1.37 -0.37	21.91 1.12 -0.05	20.37 1.05 -0.01
MODEL_CITY_ENERGY 24167	17.56 -0.96 0.00	17.27 -0.98 0.00	16.09 -1.01 0.00	16.20 -0.96 0.00	17.35 -1.08 0.00	19.11 -1.22 0.00	25.02 -1.37 0.00	28.90 -1.78 0.00	25.88 -1.25 0.00	21.54 -1.01 0.00	25.92 -1.07 0.00	22.40 -0.45 0.00	19.39 -0.38 0.00	19.67 -0.55 0.00	20.39 -0.68 0.00	22.29 -0.95 0.00	26.91 -1.52 0.00	33.03 -1.88 0.00	31.38 -2.32 0.00	30.57 -2.16 0.00	28.87 -1.87 0.00	25.86 -1.45 0.00	19.80 -0.94 0.00	18.62 -0.69 0.00
MODERN_LFGE___ 323580	17.56 -0.96 0.00	17.27 -0.98 0.00	16.09 -1.01 0.00	16.20 -0.96 0.00	17.35 -1.08 0.00	19.11 -1.22 0.00	25.02 -1.37 0.00	28.90 -1.78 0.00	25.88 -1.25 0.00	21.54 -1.01 0.00	25.92 -1.07 0.00	22.40 -0.45 0.00	19.39 -0.38 0.00	19.67 -0.55 0.00	20.39 -0.68 0.00	22.29 -0.95 0.00	26.91 -1.52 0.00	33.03 -1.88 0.00	31.38 -2.32 0.00	30.57 -2.16 0.00	28.87 -1.87 0.00	25.86 -1.45 0.00	19.80 -0.94 0.00	18.62 -0.69 0.00
MOHAWK_PAPER___DRP 24187	18.89 0.37 0.00	18.60 0.35 0.00	17.46 0.36 0.00	17.51 0.35 0.00	18.83 0.41 0.00	20.85 0.53 0.00	26.49 0.67 0.57	31.45 0.86 0.08	27.17 0.72 0.67	23.04 0.56 0.08	26.98 0.60 0.61	23.07 0.49 0.27	20.20 0.44 0.01	20.67 0.48 0.03	21.58 0.52 0.00	23.71 0.61 0.14	28.48 0.78 0.72	34.81 1.04 1.14	34.67 0.97 0.00	33.63 0.90 0.00	31.46 0.84 0.13	27.48 0.58 0.40	21.18 0.49 0.05	19.76 0.45 0.01
MOHICAN___35_KV_115KV_LD 80490	19.58 1.06 0.00	19.31 1.06 0.00	18.02 0.91 0.00	18.19 1.03 0.00	19.56 1.14 0.00	21.71 1.38 0.00	27.98 2.07 0.49	33.16 2.55 0.07	28.80 2.25 0.57	24.28 1.79 0.07	28.59 2.12 0.52	24.36 1.73 0.23	21.15 1.40 0.01	21.66 1.47 0.02	22.49 1.42 0.00	24.54 1.42 0.12	29.67 1.85 0.62	36.42 2.48 0.97	36.06 2.37 0.00	35.00 2.28 0.00	32.63 2.00 0.12	28.45 1.49 0.34	21.90 1.21 0.04	20.40 1.10 0.01
MONGAUP___HYD 23641	19.44 0.92 0.00	19.07 0.82 0.00	17.88 0.77 0.00	17.93 0.77 0.00	19.29 0.87 0.00	21.34 1.01 0.00	28.10 1.35 -0.37	32.28 1.55 -0.05	28.86 1.31 -0.42	23.65 1.04 -0.05	28.48 1.11 -0.38	23.94 0.92 -0.17	20.64 0.87 -0.01	21.16 0.93 -0.02	22.06 0.99 0.00	24.52 1.20 -0.09	30.32 1.43 -0.46	37.44 1.80 -0.73	35.32 1.62 0.00	34.37 1.65 0.00	32.51 1.67 -0.09	28.99 1.41 -0.27	21.88 1.11 -0.03	20.36 1.05 0.00
MONTAUK___DIESEL 23721	29.73 2.28 -8.93	20.34 2.08 0.00	19.03 1.93 0.00	19.12 1.96 0.00	20.62 2.20 0.00	22.91 2.57 -0.01	30.11 3.21 -0.51	52.33 3.72 -17.94	31.33 3.61 -0.60	25.62 2.99 -0.07	31.48 3.95 -0.54	26.44 3.35 -0.24	21.12 2.89 1.53	23.39 3.14 -0.03	24.49 3.36 -0.06	28.99 3.87 -1.88	33.77 4.69 -0.65	72.38 5.34 -32.13	61.73 4.85 -23.19	47.30 4.65 -9.93	36.83 4.71 -1.37	33.66 3.47 -2.88	29.21 2.73 -5.74	21.83 2.51 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.19 -0.34 0.00	17.81 -0.44 0.00	16.54 -0.57 0.00	16.69 -0.46 0.00	18.02 -0.40 0.00	19.87 -0.46 0.00	26.14 -0.25 0.00	30.47 -0.21 0.00	27.11 0.12 0.00	22.67 0.12 0.00	27.32 0.34 0.00	23.63 0.79 0.00	20.25 0.48 0.00	20.55 0.33 0.00	21.49 0.43 0.00	23.57 0.33 0.00	28.42 0.00 0.00	35.02 0.11 0.00	33.14 -0.56 0.00	32.06 -0.67 0.00	30.08 -0.66 0.00	26.89 -0.42 0.00	20.30 -0.44 0.00	18.94 -0.36 0.00
MORTIMER_115KV_TB3 55949	18.29 -0.24 0.00	17.99 -0.26 0.00	16.78 -0.32 0.00	16.87 -0.29 0.00	18.11 -0.31 0.00	19.98 -0.35 0.00	26.16 -0.24 0.00	30.43 -0.25 0.00	27.05 -0.08 0.00	22.44 -0.12 0.00	26.91 -0.08 0.00	23.00 0.15 0.00	19.88 0.11 0.00	20.23 0.01 0.00	21.08 0.01 0.00	23.17 -0.07 0.00	28.23 -0.20 0.00	34.71 -0.20 0.00	33.25 -0.44 0.00	32.36 -0.37 0.00	30.44 -0.30 0.00	27.09 -0.21 0.00	20.60 -0.14 0.00	19.23 -0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.36 1.62 -0.07	29.15 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.94 1.59 -0.12	30.93 1.86 -0.64	38.06 2.15 -1.00	35.62 1.92 0.00	34.55 1.82 0.00	32.59 1.72 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
MUNSVILLE_WIND_PWR 323609	19.95 1.42 0.00	19.61 1.36 0.00	18.32 1.22 0.00	18.35 1.19 0.00	19.75 1.33 0.00	21.88 1.55 0.00	28.76 2.37 0.00	33.46 2.78 0.00	29.34 2.21 0.00	24.17 1.61 0.00	28.51 1.53 0.00	24.16 1.31 0.00	20.76 1.00 0.00	21.10 0.88 0.00	22.02 0.95 0.00	24.79 1.56 0.00	30.35 1.92 0.00	37.51 2.60 0.00	36.15 2.46 0.00	35.05 2.32 0.00	32.76 2.02 0.00	28.99 1.69 0.00	21.84 1.11 0.00	20.20 0.89 0.00
N SALMON___HYD 24042	18.90 0.37 0.00	18.72 0.47 0.00	17.51 0.40 0.00	17.54 0.38 0.00	18.84 0.41 0.00	20.80 0.47 0.00	27.05 0.66 0.00	31.52 0.85 0.00	27.89 0.76 0.00	23.24 0.69 0.00	27.86 0.87 0.00	23.40 0.55 0.00	19.98 0.21 0.00	20.54 0.32 0.00	21.33 0.26 0.00	23.60 0.37 0.00	28.94 0.51 0.00	35.68 0.77 0.00	34.69 0.99 0.00	33.54 0.82 0.00	31.37 0.62 0.00	27.88 0.58 0.00	21.03 0.29 0.00	19.44 0.13 0.00
N.AKRON___115KV_KNAPP 355671	18.04 -0.48 0.00	17.74 -0.52 0.00	16.52 -0.58 0.00	16.63 -0.53 0.00	17.83 -0.59 0.00	19.66 -0.67 0.00	25.83 -0.57 0.00	29.91 -0.77 0.00	26.69 -0.44 0.00	22.17 -0.39 0.00	26.64 -0.35 0.00	22.97 0.12 0.00	19.84 0.07 0.00	20.29 0.07 0.00	20.86 -0.21 0.00	22.76 -0.47 0.00	27.71 -0.72 0.00	34.04 -0.87 0.00	32.26 -1.44 0.00	31.46 -1.27 0.00	29.78 -0.97 0.00	26.66 -0.65 0.00	20.35 -0.39 0.00	19.10 -0.20 0.00

N.BELMOR_69_KV_BK1 55787	21.59 1.27 -1.80	19.36 1.11 0.00	18.13 1.03 0.00	18.20 1.04 0.00	19.60 1.19 0.00	21.76 1.43 0.00	28.58 1.68 -0.50	32.47 1.73 -0.07	29.40 1.69 -0.59	24.14 1.51 -0.07	29.51 1.99 -0.53	24.78 1.70 -0.24	26.32 1.51 -5.04	22.28 1.65 -0.41	23.32 1.77 -0.48	26.97 2.04 -1.70	31.46 2.39 -0.64	38.47 2.56 -1.00	35.97 2.28 0.00	34.97 2.25 0.00	33.62 2.28 -0.59	44.07 1.83 -14.94	33.48 1.51 -11.24	20.72 1.40 -0.01
N.E_GEN_SANDY PD 24062	19.09 0.57 0.00	18.79 0.54 0.00	17.63 0.53 0.00	17.69 0.53 0.00	19.03 0.61 0.00	21.24 0.72 -0.19	22.83 0.82 4.39	31.09 1.03 0.61	22.86 0.86 5.13	22.62 0.68 0.61	23.12 0.78 4.65	21.48 0.68 2.06	20.29 0.62 0.09	20.67 0.66 0.22	21.76 0.72 0.03	23.05 0.85 1.03	23.87 1.00 5.56	27.32 1.20 8.78	32.99 1.14 1.85	32.39 1.07 1.40	31.07 0.95 0.63	24.71 0.70 3.29	20.93 0.61 0.42	19.62 0.60 0.28
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.37 0.85 0.00	19.00 0.75 0.00	17.81 0.71 0.00	17.87 0.71 0.00	19.24 0.81 0.00	21.29 0.97 0.00	28.08 1.29 -0.40	32.30 1.56 -0.06	28.98 1.38 -0.47	23.77 1.16 -0.06	28.82 1.41 -0.43	24.26 1.22 -0.19	20.89 1.11 -0.01	21.39 1.15 -0.02	22.31 1.24 0.00	24.84 1.51 -0.09	30.74 1.80 -0.51	37.85 2.13 -0.81	35.64 1.94 0.00	34.53 1.80 0.00	32.51 1.66 -0.10	28.97 1.36 -0.30	21.89 1.11 -0.04	20.35 1.03 0.00
N.QUEENS_27_KV_LOAD 356247	19.38 0.86 0.00	19.07 0.82 0.00	17.88 0.78 0.00	17.90 0.74 0.00	19.23 0.81 0.00	21.32 0.99 0.00	28.31 1.42 -0.50	32.42 1.67 -0.07	29.05 1.34 -0.59	23.89 1.26 -0.07	29.02 1.50 -0.53	24.46 1.38 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.92 1.56 -0.12	30.87 1.80 -0.64	37.95 2.04 -1.00	35.50 1.80 0.00	34.53 1.81 0.00	32.55 1.68 -0.13	29.05 1.36 -0.38	21.92 1.13 -0.05	20.42 1.10 -0.01
N.TROY___115KV_TB1 355778	19.14 0.62 0.00	18.85 0.60 0.00	17.67 0.58 0.00	17.75 0.59 0.00	19.08 0.66 0.00	21.13 0.80 0.00	26.78 1.02 0.64	31.85 1.26 0.09	27.45 1.07 0.74	23.29 0.83 0.09	27.23 0.91 0.67	23.30 0.75 0.30	20.41 0.66 0.01	20.88 0.69 0.03	21.79 0.73 0.00	23.90 0.82 0.15	28.64 1.01 0.80	34.95 1.30 1.26	34.93 1.24 0.00	33.91 1.18 0.00	31.69 1.09 0.15	27.68 0.82 0.45	21.36 0.68 0.06	19.93 0.63 0.01
NARROWS_GT1_1 24228	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT1_2 24229	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT1_3 24230	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT1_4 24231	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT1_5 24232	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT1_6 24233	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT1_7 24234	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT1_8 24235	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT2_1 24236	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT2_2 24237	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01

NARROWS_GT2_3 24238	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT2_4 24239	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT2_5 24240	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT2_6 24241	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT2_7 24242	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NARROWS_GT2_8 24243	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.67 1.94 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.21 0.69 0.00	18.91 0.66 0.00	17.75 0.65 0.00	17.82 0.66 0.00	19.18 0.76 0.00	21.26 0.93 0.00	27.51 1.36 0.24	32.34 1.70 0.03	28.31 1.47 0.28	23.57 1.05 0.03	27.88 1.15 0.26	23.53 0.80 0.11	20.36 0.60 0.01	20.80 0.59 0.01	21.70 0.63 0.00	23.96 0.78 0.06	29.24 1.12 0.31	36.25 1.82 0.49	35.49 1.80 0.00	34.44 1.71 0.00	32.26 1.57 0.06	28.34 1.21 0.17	21.61 0.89 0.02	20.08 0.77 0.00
NCHELSEA_115KV_TR2 355582	19.50 0.97 0.00	19.14 0.89 0.00	17.95 0.85 0.00	18.00 0.84 0.00	19.37 0.95 0.00	21.45 1.12 0.00	28.24 1.49 -0.37	32.52 1.79 -0.05	29.13 1.58 -0.42	23.93 1.32 -0.05	28.93 1.57 -0.38	24.36 1.35 -0.17	20.99 1.21 -0.01	21.50 1.27 -0.02	22.43 1.36 0.00	24.94 1.62 -0.08	30.85 1.96 -0.45	37.96 2.34 -0.71	35.87 2.17 0.00	34.79 2.06 0.00	32.74 1.91 -0.09	29.12 1.54 -0.27	22.00 1.23 -0.03	20.45 1.14 0.00
NEG CAPITAL___MECHNVIL 23645	19.40 0.88 0.00	19.10 0.85 0.00	17.87 0.77 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.38 1.06 0.00	27.33 1.47 0.53	32.42 1.82 0.07	28.08 1.57 0.62	23.77 1.29 0.07	27.87 1.44 0.56	23.77 1.16 0.25	20.75 0.99 0.01	21.22 1.03 0.03	22.13 1.06 0.00	24.28 1.17 0.12	29.24 1.48 0.67	35.80 1.94 1.06	35.55 1.85 0.00	34.51 1.79 0.00	32.23 1.61 0.12	28.19 1.26 0.37	21.68 0.99 0.05	20.20 0.90 0.01
NEG CENTRAL_HIGH_ACRES 23767	18.00 -0.52 0.00	17.71 -0.54 0.00	16.54 -0.56 0.00	16.62 -0.53 0.00	17.86 -0.57 0.00	19.71 -0.62 0.00	25.77 -0.62 0.00	29.97 -0.71 0.00	26.56 -0.56 0.00	22.02 -0.53 0.00	26.37 -0.62 0.00	22.50 -0.35 0.00	19.47 -0.29 0.00	19.82 -0.40 0.00	20.67 -0.40 0.00	22.77 -0.47 0.00	27.76 -0.67 0.00	34.13 -0.78 0.00	32.77 -0.92 0.00	31.88 -0.85 0.00	29.97 -0.78 0.00	26.67 -0.64 0.00	20.26 -0.48 0.00	18.88 -0.43 0.00
NEG CENTRAL___DRP 24199	18.67 0.15 0.00	18.34 0.09 0.00	17.13 0.03 0.00	17.21 0.05 0.00	18.52 0.09 0.00	20.44 0.11 0.00	26.77 0.37 0.00	31.17 0.49 0.00	27.56 0.43 0.00	22.82 0.27 0.00	27.25 0.26 0.00	23.21 0.36 0.00	20.07 0.30 0.00	20.44 0.22 0.00	21.33 0.26 0.00	23.54 0.30 0.00	28.74 0.31 0.00	35.32 0.41 0.00	33.96 0.27 0.00	33.02 0.29 0.00	30.97 0.23 0.00	27.53 0.22 0.00	20.91 0.17 0.00	19.47 0.16 0.00
NEG CENTRAL___INDECK 23768	18.85 0.33 0.00	18.54 0.29 0.00	17.24 0.14 0.00	17.29 0.13 0.00	18.61 0.19 0.00	20.52 0.19 0.00	27.04 0.65 0.00	31.48 0.81 0.00	27.99 0.86 0.00	22.85 0.30 0.00	27.45 0.46 0.00	23.43 0.58 0.00	20.25 0.48 0.00	20.57 0.35 0.00	21.41 0.34 0.00	23.50 0.26 0.00	28.69 0.26 0.00	35.70 0.79 0.00	34.23 0.53 0.00	33.24 0.52 0.00	31.18 0.44 0.00	27.77 0.47 0.00	21.13 0.40 0.00	19.71 0.40 0.00
NEG CENTRAL___SENECA 23627	18.69 0.17 0.00	18.37 0.12 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.53 0.10 0.00	20.45 0.12 0.00	26.85 0.45 0.00	31.23 0.56 0.00	27.62 0.49 0.00	22.86 0.30 0.00	27.33 0.34 0.00	23.30 0.45 0.00	20.13 0.36 0.00	20.48 0.27 0.00	21.35 0.28 0.00	23.55 0.31 0.00	28.74 0.31 0.00	35.32 0.41 0.00	33.93 0.24 0.00	33.02 0.29 0.00	30.93 0.19 0.00	27.54 0.23 0.00	20.94 0.20 0.00	19.49 0.19 0.00
NEG CENTRAL___STATE_STREET 24147	18.83 0.31 0.00	18.47 0.21 0.00	17.26 0.16 0.00	17.40 0.24 0.00	18.69 0.27 0.00	20.65 0.32 0.00	26.90 0.50 0.00	31.40 0.73 0.00	27.84 0.71 0.00	23.06 0.51 0.00	27.52 0.53 0.00	23.39 0.54 0.00	20.24 0.47 0.00	20.63 0.41 0.00	21.56 0.49 0.00	23.83 0.59 0.00	29.11 0.69 0.00	35.81 0.91 0.00	34.44 0.75 0.00	33.44 0.71 0.00	31.48 0.74 0.00	27.81 0.50 0.00	21.03 0.29 0.00	19.62 0.31 0.00
NEG MILLWOOD___DRP 24198	19.52 1.00 0.00	19.16 0.91 0.00	17.97 0.87 0.00	18.02 0.86 0.00	19.39 0.97 0.00	21.48 1.15 0.00	28.35 1.54 -0.41	32.59 1.85 -0.06	29.25 1.65 -0.48	24.06 1.45 -0.05	29.09 1.71 -0.39	24.50 1.48 -0.17	21.11 1.33 -0.01	21.62 1.38 -0.02	22.54 1.47 0.00	25.06 1.74 -0.09	31.01 2.11 -0.46	38.16 2.52 -0.73	36.04 2.34 0.00	34.96 2.24 0.00	32.90 2.06 -0.09	29.25 1.67 -0.28	22.09 1.31 -0.04	20.53 1.22 0.00

NEG NORTH_FLCN_SEA 23793	19.05 0.52 0.00	18.88 0.63 0.00	17.67 0.57 0.00	17.71 0.55 0.00	19.04 0.62 0.00	21.02 0.70 0.00	27.29 0.89 0.00	31.80 1.12 0.00	28.12 1.00 0.00	23.45 0.89 0.00	28.15 1.16 0.00	23.75 0.90 0.00	20.32 0.56 0.00	20.90 0.68 0.00	21.65 0.58 0.00	24.10 0.86 0.00	29.49 1.06 0.00	36.25 1.34 0.00	35.20 1.50 0.00	33.98 1.26 0.00	31.77 1.02 0.00	28.08 0.78 0.00	21.22 0.48 0.00	19.60 0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	18.85 0.33 0.00	18.68 0.43 0.00	17.47 0.37 0.00	17.50 0.34 0.00	18.80 0.38 0.00	20.74 0.41 0.00	26.93 0.54 0.00	31.38 0.70 0.00	27.78 0.66 0.00	23.18 0.63 0.00	27.83 0.84 0.00	23.40 0.55 0.00	20.01 0.24 0.00	20.61 0.38 0.00	21.39 0.32 0.00	23.73 0.50 0.00	29.09 0.66 0.00	35.79 0.88 0.00	34.76 1.06 0.00	33.57 0.84 0.00	31.36 0.62 0.00	27.79 0.48 0.00	20.95 0.21 0.00	19.35 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	19.04 0.51 0.00	18.86 0.61 0.00	17.64 0.54 0.00	17.68 0.53 0.00	19.02 0.60 0.00	21.00 0.67 0.00	27.28 0.89 0.00	31.81 1.13 0.00	28.13 1.01 0.00	23.53 0.97 0.00	28.14 1.16 0.00	23.70 0.86 0.00	20.28 0.52 0.00	20.87 0.65 0.00	21.59 0.52 0.00	24.04 0.80 0.00	29.43 1.00 0.00	36.24 1.34 0.00	35.21 1.52 0.00	34.00 1.28 0.00	31.77 1.02 0.00	28.09 0.79 0.00	21.20 0.46 0.00	19.58 0.27 0.00
NEG NORTH___LWR_SARANAC 23913	19.04 0.51 0.00	18.86 0.61 0.00	17.64 0.54 0.00	17.68 0.53 0.00	19.02 0.60 0.00	21.00 0.67 0.00	27.28 0.89 0.00	31.81 1.13 0.00	28.13 1.01 0.00	23.53 0.97 0.00	28.14 1.16 0.00	23.70 0.86 0.00	20.28 0.52 0.00	20.87 0.65 0.00	21.59 0.52 0.00	24.04 0.80 0.00	29.43 1.00 0.00	36.24 1.34 0.00	35.21 1.52 0.00	34.00 1.28 0.00	31.77 1.02 0.00	28.09 0.79 0.00	21.20 0.46 0.00	19.58 0.27 0.00
NEG NORTH___PLATTSBURG 23628	19.04 0.51 0.00	18.86 0.61 0.00	17.64 0.54 0.00	17.68 0.53 0.00	19.02 0.60 0.00	21.00 0.67 0.00	27.29 0.89 0.00	31.83 1.15 0.00	28.13 1.01 0.00	23.53 0.97 0.00	28.14 1.16 0.00	23.70 0.85 0.00	20.28 0.51 0.00	20.87 0.65 0.00	21.59 0.52 0.00	24.04 0.80 0.00	29.43 1.00 0.00	36.24 1.33 0.00	35.21 1.51 0.00	34.00 1.28 0.00	31.76 1.01 0.00	28.09 0.79 0.00	21.20 0.46 0.00	19.58 0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	17.75 -0.77 0.00	17.46 -0.79 0.00	16.26 -0.84 0.00	16.38 -0.79 0.00	17.54 -0.88 0.00	19.31 -1.01 0.00	25.33 -1.06 0.00	29.30 -1.38 0.00	26.19 -0.93 0.00	21.82 -0.74 0.00	26.26 -0.73 0.00	22.66 -0.19 0.00	19.61 -0.16 0.00	19.89 -0.33 0.00	20.62 -0.45 0.00	22.52 -0.72 0.00	27.25 -1.18 0.00	33.46 -1.45 0.00	31.77 -1.93 0.00	30.93 -1.79 0.00	29.20 -1.55 0.00	26.14 -1.16 0.00	20.01 -0.73 0.00	18.81 -0.49 0.00
NEG WEST___LANCASTR 23811	18.43 -0.09 0.00	18.11 -0.13 0.00	16.85 -0.25 0.00	16.97 -0.19 0.00	18.22 -0.20 0.00	20.03 -0.30 0.00	26.31 -0.08 0.00	30.53 -0.15 0.00	27.21 0.09 0.00	22.69 0.13 0.00	27.27 0.28 0.00	23.49 0.64 0.00	20.32 0.56 0.00	20.60 0.37 0.00	21.40 0.33 0.00	23.47 0.24 0.00	28.43 0.00 0.00	34.89 -0.02 0.00	33.22 -0.48 0.00	32.30 -0.43 0.00	30.39 -0.36 0.00	27.17 -0.13 0.00	20.73 0.00 0.00	19.44 0.13 0.00
NEG_PENN_ALLEGHNY 23528	18.86 0.34 0.00	18.52 0.27 0.00	17.32 0.22 0.00	17.38 0.22 0.00	18.69 0.27 0.00	20.60 0.27 0.00	26.94 0.55 0.00	31.35 0.68 0.00	27.74 0.61 0.00	23.03 0.48 0.00	27.48 0.49 0.00	23.40 0.55 0.00	20.25 0.48 0.00	20.65 0.43 0.00	21.56 0.49 0.00	23.84 0.61 0.00	29.08 0.66 0.00	35.70 0.80 0.00	34.27 0.58 0.00	33.28 0.56 0.00	31.21 0.47 0.00	27.73 0.42 0.00	21.07 0.33 0.00	19.63 0.32 0.00
NEG___GEN_MONROE 24207	18.37 -0.15 0.00	18.07 -0.18 0.00	16.85 -0.25 0.00	16.96 -0.20 0.00	18.22 -0.20 0.00	20.11 -0.22 0.00	26.34 -0.06 0.00	30.61 -0.07 0.00	27.21 0.09 0.00	22.56 0.01 0.00	27.03 0.03 0.00	23.17 0.32 0.00	19.97 0.20 0.00	20.33 0.11 0.00	21.18 0.11 0.00	23.24 0.00 0.00	28.37 -0.05 0.00	34.90 -0.01 0.00	33.38 -0.32 0.00	32.48 -0.24 0.00	30.63 -0.12 0.00	27.23 -0.08 0.00	20.70 -0.03 0.00	19.38 0.07 0.00
NEPA___ENERGY 23901	18.40 -0.12 0.00	18.02 -0.23 0.00	16.75 -0.35 0.00	16.86 -0.30 0.00	18.15 -0.27 0.00	19.95 -0.38 0.00	26.25 -0.14 0.00	30.59 -0.09 0.00	27.18 0.06 0.00	22.66 0.10 0.00	27.15 0.16 0.00	23.41 0.56 0.00	20.25 0.48 0.00	20.54 0.32 0.00	21.40 0.33 0.00	23.55 0.32 0.00	28.51 0.09 0.00	34.92 0.01 0.00	33.22 -0.48 0.00	32.19 -0.53 0.00	30.25 -0.49 0.00	27.01 -0.30 0.00	20.57 -0.17 0.00	19.25 -0.06 0.00
NEVERSINK___HYD 23608	19.70 1.18 0.00	19.34 1.09 0.00	18.13 1.03 0.00	18.17 1.02 0.00	19.57 1.15 0.00	21.66 1.33 0.00	28.45 1.83 -0.23	32.78 2.07 -0.03	29.20 1.81 -0.27	24.00 1.41 -0.03	28.75 1.52 -0.24	24.31 1.36 -0.11	21.04 1.27 0.00	21.53 1.30 -0.01	22.40 1.33 0.00	24.97 1.68 -0.05	30.85 2.13 -0.29	37.87 2.50 -0.46	36.01 2.32 0.00	34.94 2.22 0.00	32.85 2.04 -0.06	29.31 1.83 -0.17	22.18 1.42 -0.02	20.62 1.31 0.00
NEWKRMKL_115KV_TB1 55635	18.75 0.22 0.00	18.45 0.20 0.00	17.33 0.23 0.00	17.39 0.22 0.00	18.70 0.27 0.00	20.70 0.37 0.00	26.35 0.48 0.53	31.23 0.62 0.07	27.03 0.52 0.62	22.87 0.39 0.07	26.84 0.41 0.56	22.92 0.32 0.25	20.06 0.30 0.01	20.53 0.33 0.03	21.43 0.37 0.00	23.56 0.45 0.12	28.36 0.59 0.67	34.67 0.80 1.04	34.43 0.73 0.00	33.41 0.68 0.00	31.28 0.66 0.12	27.38 0.43 0.36	21.07 0.37 0.05	19.65 0.34 0.01
NEWTON___FALLS_HYD 23847	18.52 0.00 0.00	18.26 0.01 0.00	17.10 0.00 0.00	17.13 -0.03 0.00	18.41 -0.02 0.00	20.40 0.07 0.00	26.53 0.14 0.00	30.64 -0.04 0.00	27.01 -0.12 0.00	22.44 -0.11 0.00	26.86 -0.13 0.00	22.49 -0.36 0.00	19.28 -0.49 0.00	19.76 -0.47 0.00	20.61 -0.46 0.00	22.63 -0.61 0.00	28.02 -0.41 0.00	34.55 -0.36 0.00	33.57 -0.13 0.00	32.61 -0.11 0.00	30.49 -0.26 0.00	26.99 -0.31 0.00	20.30 -0.44 0.00	18.99 -0.32 0.00
NGRID_A1_DSASP 323792	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.07 -1.26 0.00	24.89 -1.50 0.00	28.72 -1.96 0.00	25.72 -1.41 0.00	21.44 -1.11 0.00	25.83 -1.16 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.58 -0.64 0.00	20.33 -0.75 0.00	22.19 -1.04 0.00	26.75 -1.67 0.00	32.65 -2.25 0.00	31.03 -2.67 0.00	30.23 -2.49 0.00	28.54 -2.20 0.00	25.56 -1.74 0.00	19.68 -1.06 0.00	18.55 -0.76 0.00
NGRID_A2_DSASP 323793	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.07 -1.26 0.00	24.89 -1.50 0.00	28.72 -1.96 0.00	25.72 -1.41 0.00	21.44 -1.11 0.00	25.83 -1.16 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.58 -0.64 0.00	20.33 -0.75 0.00	22.19 -1.04 0.00	26.75 -1.67 0.00	32.65 -2.25 0.00	31.03 -2.67 0.00	30.23 -2.49 0.00	28.54 -2.20 0.00	25.56 -1.74 0.00	19.68 -1.06 0.00	18.55 -0.76 0.00

NGRID_A4_DSASP 323807	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.07 -1.26 0.00	24.89 -1.50 0.00	28.72 -1.96 0.00	25.72 -1.41 0.00	21.44 -1.11 0.00	25.83 -1.16 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.58 -0.64 0.00	20.33 -0.75 0.00	22.19 -1.04 0.00	26.75 -1.67 0.00	32.65 -2.25 0.00	31.03 -2.67 0.00	30.23 -2.49 0.00	28.54 -2.20 0.00	25.56 -1.74 0.00	19.68 -1.06 0.00	18.55 -0.76 0.00
NIAGARA_115E_LBMP 323715	17.45 -1.08 0.00	17.17 -1.08 0.00	15.99 -1.11 0.00	16.10 -1.06 0.00	17.24 -1.19 0.00	18.98 -1.35 0.00	24.85 -1.54 0.00	28.68 -1.99 0.00	25.70 -1.43 0.00	21.40 -1.16 0.00	25.75 -1.24 0.00	22.26 -0.59 0.00	19.28 -0.49 0.00	19.54 -0.68 0.00	20.27 -0.80 0.00	22.14 -1.09 0.00	26.72 -1.71 0.00	32.80 -2.11 0.00	31.15 -2.55 0.00	30.35 -2.37 0.00	28.66 -2.08 0.00	25.68 -1.62 0.00	19.67 -1.07 0.00	18.51 -0.80 0.00
NIAGARA_115W_LBMP 323714	17.44 -1.08 0.00	17.17 -1.08 0.00	15.99 -1.12 0.00	16.10 -1.06 0.00	17.24 -1.19 0.00	19.04 -1.29 0.00	24.83 -1.56 0.00	28.66 -2.02 0.00	25.67 -1.46 0.00	21.39 -1.16 0.00	25.76 -1.23 0.00	22.27 -0.58 0.00	19.29 -0.48 0.00	19.53 -0.69 0.00	20.28 -0.79 0.00	22.15 -1.09 0.00	26.70 -1.73 0.00	32.57 -2.34 0.00	30.94 -2.75 0.00	30.14 -2.58 0.00	28.47 -2.27 0.00	25.50 -1.81 0.00	19.64 -1.10 0.00	18.51 -0.80 0.00
NIAGARA_230_LBMP 323716	17.60 -0.93 0.00	17.32 -0.93 0.00	16.13 -0.98 0.00	16.24 -0.92 0.00	17.40 -1.02 0.00	19.15 -1.18 0.00	25.06 -1.33 0.00	28.92 -1.76 0.00	25.88 -1.25 0.00	21.57 -0.99 0.00	25.96 -1.03 0.00	22.42 -0.43 0.00	19.42 -0.35 0.00	19.68 -0.54 0.00	20.43 -0.64 0.00	22.34 -0.90 0.00	26.97 -1.46 0.00	33.07 -1.84 0.00	31.44 -2.26 0.00	30.63 -2.10 0.00	28.91 -1.84 0.00	25.87 -1.43 0.00	19.82 -0.92 0.00	18.65 -0.66 0.00
NIAGARA__115KV_198_GIBSON 55903	17.44 -1.08 0.00	17.17 -1.08 0.00	15.99 -1.11 0.00	16.10 -1.06 0.00	17.24 -1.19 0.00	19.02 -1.31 0.00	24.84 -1.56 0.00	28.69 -1.99 0.00	25.66 -1.46 0.00	21.41 -1.15 0.00	25.78 -1.21 0.00	22.27 -0.58 0.00	19.30 -0.47 0.00	19.55 -0.68 0.00	20.28 -0.79 0.00	22.13 -1.11 0.00	26.70 -1.73 0.00	32.59 -2.31 0.00	30.94 -2.76 0.00	30.14 -2.59 0.00	28.46 -2.29 0.00	25.50 -1.81 0.00	19.64 -1.10 0.00	18.51 -0.79 0.00
NIAGARA____ 23760	17.60 -0.93 0.00	17.32 -0.93 0.00	16.13 -0.98 0.00	16.24 -0.92 0.00	17.40 -1.02 0.00	19.15 -1.18 0.00	25.06 -1.33 0.00	28.92 -1.76 0.00	25.88 -1.25 0.00	21.57 -0.99 0.00	25.96 -1.03 0.00	22.42 -0.43 0.00	19.42 -0.35 0.00	19.68 -0.54 0.00	20.43 -0.64 0.00	22.34 -0.90 0.00	26.97 -1.46 0.00	33.07 -1.84 0.00	31.44 -2.26 0.00	30.63 -2.10 0.00	28.91 -1.84 0.00	25.87 -1.43 0.00	19.82 -0.92 0.00	18.65 -0.66 0.00
NINE_MILE_1 23575	18.06 -0.46 0.00	17.79 -0.46 0.00	16.65 -0.45 0.00	16.71 -0.45 0.00	17.94 -0.48 0.00	19.76 -0.57 0.00	25.67 -0.72 0.00	29.81 -0.87 0.00	26.38 -0.75 0.00	21.91 -0.64 0.00	26.20 -0.79 0.00	22.23 -0.62 0.00	19.25 -0.52 0.00	19.66 -0.57 0.00	20.49 -0.58 0.00	22.61 -0.63 0.00	27.65 -0.79 0.00	33.95 -0.95 0.00	32.71 -0.99 0.00	31.78 -0.95 0.00	29.87 -0.88 0.00	26.64 -0.66 0.00	20.24 -0.50 0.00	18.85 -0.46 0.00
NINE_MILE_2 23744	18.06 -0.46 0.00	17.79 -0.46 0.00	16.65 -0.45 0.00	16.71 -0.45 0.00	17.94 -0.48 0.00	19.76 -0.57 0.00	25.67 -0.72 0.00	29.81 -0.87 0.00	26.38 -0.75 0.00	21.91 -0.64 0.00	26.20 -0.79 0.00	22.23 -0.62 0.00	19.25 -0.52 0.00	19.66 -0.57 0.00	20.49 -0.58 0.00	22.61 -0.63 0.00	27.65 -0.79 0.00	33.95 -0.95 0.00	32.71 -0.99 0.00	31.78 -0.94 0.00	29.87 -0.87 0.00	26.65 -0.66 0.00	20.24 -0.50 0.00	18.85 -0.46 0.00
NM_CAPITAL____DRP 24208	18.81 0.29 0.00	18.51 0.26 0.00	17.39 0.29 0.00	17.44 0.28 0.00	18.76 0.34 0.00	20.77 0.44 0.00	26.36 0.55 0.58	31.31 0.71 0.08	27.04 0.59 0.68	22.91 0.44 0.08	26.85 0.47 0.61	22.96 0.38 0.27	20.11 0.35 0.01	20.58 0.39 0.03	21.49 0.43 0.00	23.61 0.51 0.14	28.36 0.66 0.73	34.64 0.87 1.14	34.51 0.81 0.00	33.48 0.75 0.00	31.32 0.71 0.13	27.37 0.46 0.40	21.10 0.41 0.05	19.68 0.38 0.01
NM_CENTRAL____DRP 24181	18.46 -0.06 0.00	18.16 -0.09 0.00	17.00 -0.10 0.00	17.06 -0.10 0.00	18.33 -0.09 0.00	20.20 -0.12 0.00	26.36 -0.03 0.00	30.66 -0.02 0.00	27.10 -0.02 0.00	22.49 -0.06 0.00	26.87 -0.12 0.00	22.82 -0.03 0.00	19.76 -0.01 0.00	20.17 -0.05 0.00	21.04 -0.03 0.00	23.24 0.00 0.00	28.43 0.00 0.00	34.93 0.02 0.00	33.61 -0.08 0.00	32.65 -0.08 0.00	30.61 -0.13 0.00	27.26 -0.05 0.00	20.70 -0.04 0.00	19.27 -0.04 0.00
NM_FRONTIER____DRP 24179	17.44 -1.08 0.00	17.17 -1.08 0.00	15.99 -1.11 0.00	16.10 -1.06 0.00	17.24 -1.19 0.00	19.02 -1.31 0.00	24.84 -1.56 0.00	28.69 -1.99 0.00	25.66 -1.46 0.00	21.41 -1.15 0.00	25.78 -1.21 0.00	22.27 -0.58 0.00	19.30 -0.47 0.00	19.55 -0.68 0.00	20.28 -0.79 0.00	22.13 -1.11 0.00	26.70 -1.73 0.00	32.59 -2.31 0.00	30.94 -2.76 0.00	30.14 -2.59 0.00	28.46 -2.29 0.00	25.50 -1.81 0.00	19.64 -1.10 0.00	18.51 -0.79 0.00
NM_ST_REGIS____HYD 24053	18.65 0.12 0.00	18.45 0.20 0.00	17.26 0.16 0.00	17.30 0.14 0.00	18.56 0.13 0.00	20.50 0.17 0.00	26.65 0.25 0.00	30.97 0.30 0.00	27.34 0.21 0.00	22.74 0.18 0.00	27.27 0.28 0.00	22.84 -0.01 0.00	19.46 -0.31 0.00	19.99 -0.23 0.00	20.79 -0.28 0.00	22.91 -0.32 0.00	28.03 -0.40 0.00	34.53 -0.37 0.00	33.62 -0.07 0.00	32.61 -0.12 0.00	30.64 -0.10 0.00	27.39 0.09 0.00	20.73 -0.01 0.00	19.26 -0.05 0.00
NORTHPORT____1 23551	20.80 1.37 -0.91	19.45 1.20 0.00	18.21 1.11 0.00	18.31 1.15 0.00	19.72 1.30 0.00	21.85 1.52 0.00	28.52 1.63 -0.50	32.16 1.63 0.14	29.30 1.59 -0.59	24.10 1.47 -0.07	29.68 2.15 -0.53	24.91 1.83 -0.24	19.60 1.58 1.75	21.97 1.73 -0.02	22.96 1.85 -0.04	26.59 2.11 -1.24	31.57 2.50 -0.64	39.29 2.50 -1.88	37.50 2.08 -1.73	35.10 2.11 -0.26	33.49 2.27 -0.48	31.60 1.82 -2.47	27.82 1.53 -5.55	20.79 1.47 -0.01
NORTHPORT____2 23552	20.80 1.37 -0.91	19.45 1.20 0.00	18.21 1.11 0.00	18.31 1.15 0.00	19.72 1.30 0.00	21.85 1.52 0.00	28.52 1.63 -0.50	32.16 1.63 0.14	29.30 1.59 -0.59	24.10 1.47 -0.07	29.68 2.15 -0.53	24.91 1.83 -0.24	19.60 1.58 1.75	21.97 1.73 -0.02	22.96 1.85 -0.04	26.59 2.11 -1.24	31.57 2.50 -0.64	39.29 2.50 -1.88	37.50 2.08 -1.73	35.10 2.11 -0.26	33.49 2.27 -0.48	31.60 1.82 -2.47	27.82 1.53 -5.55	20.79 1.47 -0.01
NORTHPORT____3 23553	21.36 1.13 -1.71	19.27 1.02 0.00	18.04 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.65 1.32 0.00	28.25 1.36 -0.50	31.77 1.24 0.15	28.96 1.25 -0.58	23.83 1.21 -0.07	29.34 1.82 -0.53	24.63 1.55 -0.24	19.34 1.36 1.79	21.73 1.49 -0.02	22.71 1.60 -0.04	26.26 1.84 -1.18	31.15 2.09 -0.63	35.22 2.15 1.84	31.30 1.86 4.25	33.54 1.69 0.88	32.97 1.85 -0.38	31.22 1.46 -2.46	27.61 1.28 -5.59	20.55 1.24 -0.01

NORTHPORT___4 23650	21.36 1.13 -1.71	19.27 1.02 0.00	18.04 0.95 0.00	18.12 0.97 0.00	19.52 1.10 0.00	21.65 1.32 0.00	28.25 1.36 -0.50	31.77 1.24 0.15	28.96 1.25 -0.58	23.83 1.21 -0.07	29.34 1.82 -0.53	24.63 1.55 -0.24	19.34 1.36 1.79	21.73 1.49 -0.02	22.71 1.60 -0.04	26.26 1.84 -1.18	31.15 2.09 -0.63	35.22 2.15 1.84	31.30 1.86 4.25	33.54 1.69 0.88	32.97 1.85 -0.38	31.22 1.46 -2.46	27.61 1.28 -5.59	20.55 1.24 -0.01
NORTHPORT___IC 23718	20.80 1.37 -0.91	19.45 1.20 0.00	18.21 1.11 0.00	18.31 1.15 0.00	19.72 1.30 0.00	21.85 1.52 0.00	28.52 1.63 -0.50	32.16 1.63 0.14	29.30 1.59 -0.59	24.10 1.47 -0.07	29.68 2.15 -0.53	24.91 1.83 -0.24	19.60 1.58 1.75	21.97 1.73 -0.02	22.96 1.85 -0.04	26.59 2.11 -1.24	31.57 2.50 -0.64	39.29 2.50 -1.88	37.50 2.08 -1.73	35.10 2.11 -0.26	33.49 2.27 -0.48	31.60 1.82 -2.47	27.82 1.53 -5.55	20.79 1.47 -0.01
NORTH___COUNTRY_ESR 323785	18.79 0.26 0.00	18.62 0.37 0.00	17.41 0.31 0.00	17.45 0.29 0.00	18.75 0.33 0.00	20.68 0.35 0.00	26.83 0.44 0.00	31.29 0.61 0.00	27.69 0.56 0.00	23.10 0.55 0.00	27.73 0.74 0.00	23.33 0.48 0.00	19.95 0.18 0.00	20.55 0.33 0.00	21.34 0.28 0.00	23.67 0.43 0.00	29.01 0.58 0.00	35.66 0.76 0.00	34.63 0.94 0.00	33.44 0.72 0.00	31.24 0.49 0.00	27.68 0.38 0.00	20.87 0.13 0.00	19.28 -0.03 0.00
NPX_GEN_1385_PROXY 323591	20.47 1.04 -0.91	19.20 0.95 0.00	17.96 0.86 0.00	18.16 1.00 0.00	19.56 1.14 0.00	21.65 1.32 0.00	28.17 1.28 -0.50	31.37 0.84 0.14	28.52 0.81 -0.59	23.29 0.67 -0.07	28.58 1.06 -0.53	23.97 0.89 -0.24	18.80 0.78 1.75	20.21 0.90 0.90	17.28 0.97 4.76	23.54 1.17 0.86	30.65 1.58 -0.64	38.41 1.62 -1.88	22.69 0.81 11.82	34.84 0.91 -1.20	32.77 1.54 -0.48	30.89 1.11 -2.47	27.28 0.99 -5.55	20.26 0.94 -0.01
NPX_GEN_CSC 323557	29.31 1.77 -9.02	19.84 1.59 0.00	18.57 1.47 0.00	18.66 1.50 0.00	20.11 1.69 0.00	22.32 1.99 -0.01	29.26 2.37 -0.51	51.32 2.62 -18.02	30.16 2.43 -0.60	24.65 2.02 -0.07	30.36 2.83 -0.54	25.47 2.39 -0.24	20.26 2.03 1.54	22.55 2.29 -0.03	23.61 2.47 -0.06	27.97 2.85 -1.88	32.50 3.42 -0.65	70.68 3.73 -32.04	61.56 3.33 -24.53	46.80 3.24 -10.83	35.42 3.31 -1.37	32.75 2.57 -2.87	28.56 2.08 -5.73	21.27 1.95 -0.01
NSINS_S_GLNS_FALLS 23858	19.56 1.04 0.00	19.29 1.05 0.00	18.00 0.90 0.00	18.18 1.02 0.00	19.55 1.13 0.00	21.69 1.37 0.00	27.99 2.08 0.48	33.17 2.56 0.07	28.82 2.26 0.57	24.30 1.81 0.07	28.65 2.18 0.51	24.39 1.77 0.23	21.15 1.40 0.01	21.67 1.47 0.02	22.49 1.42 0.00	24.54 1.42 0.11	29.66 1.84 0.61	36.44 2.49 0.96	36.05 2.36 0.00	35.00 2.27 0.00	32.64 2.01 0.11	28.46 1.50 0.34	21.90 1.21 0.04	20.39 1.09 0.01
NUCOR_STEEL___DRP 24197	18.83 0.31 0.00	18.45 0.20 0.00	17.25 0.15 0.00	17.40 0.24 0.00	18.69 0.27 0.00	20.64 0.31 0.00	26.87 0.47 0.00	31.23 0.56 0.00	27.60 0.47 0.00	22.88 0.32 0.00	27.30 0.31 0.00	23.21 0.35 0.00	20.08 0.31 0.00	20.47 0.24 0.00	21.39 0.32 0.00	23.64 0.40 0.00	28.88 0.45 0.00	35.52 0.61 0.00	34.17 0.47 0.00	33.20 0.47 0.00	31.27 0.52 0.00	27.81 0.50 0.00	21.03 0.29 0.00	19.62 0.31 0.00
NUMBER_THREE_WT_PWR 323818	18.68 0.15 0.00	18.38 0.13 0.00	17.21 0.11 0.00	17.24 0.08 0.00	18.56 0.14 0.00	20.63 0.31 0.00	26.75 0.36 0.00	30.63 -0.05 0.00	26.95 -0.17 0.00	22.42 -0.13 0.00	26.87 -0.12 0.00	22.52 -0.33 0.00	19.43 -0.34 0.00	19.87 -0.35 0.00	20.74 -0.33 0.00	22.74 -0.50 0.00	28.48 0.05 0.00	35.10 0.19 0.00	34.05 0.35 0.00	33.11 0.38 0.00	30.78 0.04 0.00	27.02 -0.29 0.00	20.15 -0.59 0.00	19.01 -0.29 0.00
NYISO_LBMP_REFERENCE 24008	18.52 0.00 0.00	18.25 0.00 0.00	17.10 0.00 0.00	17.16 0.00 0.00	18.42 0.00 0.00	20.33 0.00 0.00	26.39 0.00 0.00	30.68 0.00 0.00	27.12 0.00 0.00	22.56 0.00 0.00	26.99 0.00 0.00	22.85 0.00 0.00	19.77 0.00 0.00	20.22 0.00 0.00	21.07 0.00 0.00	23.24 0.00 0.00	28.43 0.00 0.00	34.91 0.00 0.00	33.70 0.00 0.00	32.73 0.00 0.00	30.75 0.00 0.00	27.31 0.00 0.00	20.74 0.00 0.00	19.31 0.00 0.00
NYPA_BRENTWD___GT 24164	23.39 1.59 -3.27	19.67 1.42 0.00	18.41 1.31 0.00	18.50 1.34 0.00	19.93 1.51 0.00	22.11 1.78 0.00	28.93 2.04 -0.50	37.05 2.12 -4.26	29.71 2.00 -0.59	24.40 1.78 -0.07	30.01 2.49 -0.53	25.18 2.10 -0.24	20.28 1.80 1.28	22.22 1.96 -0.04	23.23 2.08 -0.08	27.04 2.41 -1.39	31.96 2.89 -0.64	45.37 2.99 -7.46	40.36 2.57 -4.09	37.33 2.53 -2.07	34.05 2.65 -0.65	32.90 2.24 -3.35	28.53 1.83 -5.96	21.04 1.72 -0.01
NYPA_GOWANUS___GT5 24156	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.66 1.93 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NYPA_GOWANUS___GT6 24157	19.46 0.94 0.00	19.11 0.86 0.00	17.92 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.07 0.00	28.34 1.45 -0.50	32.47 1.72 -0.07	29.19 1.48 -0.58	23.95 1.32 -0.07	29.14 1.62 -0.53	24.53 1.44 -0.24	21.07 1.29 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.00 1.94 -0.64	38.15 2.23 -1.00	35.64 1.94 0.00	34.66 1.93 0.00	32.69 1.82 -0.13	29.15 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01
NYPA_HARLEM__RVR_GT1 24160	19.35 0.83 0.00	19.05 0.80 0.00	17.86 0.76 0.00	17.88 0.72 0.00	19.21 0.79 0.00	21.30 0.97 0.00	28.25 1.36 -0.50	32.38 1.63 -0.07	29.01 1.30 -0.58	23.84 1.22 -0.07	28.98 1.46 -0.53	24.40 1.32 -0.24	20.94 1.16 -0.01	21.45 1.21 -0.02	22.35 1.28 0.00	24.86 1.51 -0.12	30.81 1.74 -0.64	37.91 2.00 -1.00	35.46 1.76 0.00	34.48 1.76 0.00	32.50 1.63 -0.13	29.00 1.32 -0.38	21.88 1.10 -0.05	20.38 1.07 -0.01
NYPA_HARLEM__RVR_GT2 24161	19.35 0.83 0.00	19.05 0.80 0.00	17.86 0.76 0.00	17.88 0.72 0.00	19.21 0.79 0.00	21.30 0.97 0.00	28.25 1.36 -0.50	32.38 1.63 -0.07	29.01 1.30 -0.58	23.84 1.22 -0.07	28.98 1.46 -0.53	24.40 1.32 -0.24	20.94 1.16 -0.01	21.45 1.21 -0.02	22.35 1.28 0.00	24.86 1.51 -0.12	30.81 1.74 -0.64	37.91 2.00 -1.00	35.46 1.76 0.00	34.48 1.76 0.00	32.50 1.63 -0.13	29.00 1.32 -0.38	21.88 1.10 -0.05	20.38 1.07 -0.01
NYPA_KENT___GT 24152	19.43 0.90 0.00	19.08 0.83 0.00	17.91 0.81 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.35 1.03 0.00	28.29 1.39 -0.50	32.41 1.66 -0.07	29.15 1.44 -0.58	23.92 1.29 -0.07	29.09 1.57 -0.53	24.49 1.40 -0.24	21.03 1.25 -0.01	21.53 1.29 -0.02	22.44 1.37 0.00	24.97 1.62 -0.12	30.96 1.89 -0.64	38.08 2.17 -1.00	35.59 1.89 0.00	34.59 1.87 0.00	32.62 1.75 -0.13	29.10 1.42 -0.38	21.95 1.17 -0.05	20.44 1.12 -0.01

NYPA_POUCH1____GT 24155	19.48 0.95 0.00	19.13 0.88 0.00	17.94 0.84 0.00	17.96 0.81 0.00	19.32 0.90 0.00	21.41 1.09 0.00	28.36 1.47 -0.50	32.51 1.76 -0.07	29.23 1.52 -0.58	23.97 1.35 -0.07	29.17 1.65 -0.53	24.55 1.47 -0.24	21.09 1.31 -0.01	21.59 1.34 -0.02	22.49 1.42 0.00	25.03 1.67 -0.12	31.04 1.97 -0.64	38.18 2.27 -1.00	35.65 1.95 0.00	34.69 1.96 0.00	32.73 1.86 -0.13	29.20 1.51 -0.38	22.03 1.24 -0.05	20.50 1.18 -0.01
NYPA_VERNON____GT2 24162	19.40 0.87 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.33 1.00 0.00	28.23 1.34 -0.50	32.35 1.60 -0.07	29.10 1.39 -0.58	23.88 1.25 -0.07	29.05 1.53 -0.53	24.45 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 0.00	24.93 1.57 -0.12	30.91 1.84 -0.64	38.03 2.11 -1.00	35.55 1.85 0.00	34.53 1.80 0.00	32.55 1.68 -0.13	29.04 1.36 -0.38	21.91 1.12 -0.05	20.39 1.08 -0.01
NYPA_VERNON____GT3 24163	19.40 0.87 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.33 1.00 0.00	28.23 1.34 -0.50	32.35 1.60 -0.07	29.10 1.39 -0.58	23.88 1.25 -0.07	29.05 1.53 -0.53	24.45 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 0.00	24.93 1.57 -0.12	30.91 1.84 -0.64	38.03 2.11 -1.00	35.55 1.85 0.00	34.53 1.80 0.00	32.55 1.68 -0.13	29.04 1.36 -0.38	21.91 1.12 -0.05	20.39 1.08 -0.01
NYPA____ASTORIA_CC1 323568	19.37 0.85 0.00	19.04 0.79 0.00	17.86 0.76 0.00	17.89 0.73 0.00	19.22 0.80 0.00	21.29 0.97 0.00	28.18 1.29 -0.50	32.30 1.55 -0.07	29.04 1.34 -0.58	23.84 1.22 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.36 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.96 2.04 -1.00	35.48 1.79 0.00	34.47 1.74 0.00	32.50 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.36 1.04 -0.01
NYPA____ASTORIA_CC2 323569	19.37 0.85 0.00	19.04 0.79 0.00	17.86 0.76 0.00	17.89 0.73 0.00	19.22 0.80 0.00	21.29 0.97 0.00	28.18 1.29 -0.50	32.30 1.55 -0.07	29.04 1.34 -0.58	23.84 1.22 -0.07	28.99 1.47 -0.53	24.40 1.32 -0.24	20.95 1.17 -0.01	21.46 1.22 -0.02	22.36 1.29 0.00	24.88 1.53 -0.12	30.85 1.78 -0.64	37.96 2.04 -1.00	35.48 1.79 0.00	34.47 1.74 0.00	32.50 1.63 -0.13	29.00 1.31 -0.38	21.87 1.08 -0.05	20.36 1.04 -0.01
NYPA____HOLTSVILL 23794	29.38 1.57 -9.28	19.66 1.41 0.00	18.40 1.30 0.00	18.49 1.33 0.00	19.92 1.49 0.00	22.10 1.77 -0.01	28.94 2.05 -0.51	51.06 2.18 -18.20	29.78 2.05 -0.60	24.43 1.81 -0.07	30.08 2.55 -0.54	25.24 2.16 -0.24	20.06 1.85 1.56	22.29 2.04 -0.03	23.31 2.18 -0.06	27.61 2.51 -1.87	32.07 2.98 -0.65	69.52 3.17 -31.45	58.16 2.78 -21.69	45.15 2.70 -9.72	34.87 2.77 -1.35	32.35 2.21 -2.83	28.28 1.83 -5.72	21.04 1.72 -0.01
NYPA____HELLGATE_GT1 24158	19.35 0.83 0.00	19.05 0.80 0.00	17.86 0.76 0.00	17.88 0.72 0.00	19.21 0.79 0.00	21.30 0.97 0.00	28.25 1.35 -0.50	32.34 1.59 -0.07	28.98 1.27 -0.58	23.84 1.22 -0.07	28.98 1.46 -0.53	24.40 1.32 -0.24	20.94 1.16 -0.01	21.45 1.21 -0.02	22.35 1.28 0.00	24.87 1.51 -0.12	30.81 1.74 -0.64	37.87 1.95 -1.00	35.41 1.71 0.00	34.44 1.72 0.00	32.48 1.60 -0.13	29.00 1.32 -0.38	21.88 1.10 -0.05	20.38 1.07 -0.01
NYPA____HELLGATE_GT2 24159	19.35 0.83 0.00	19.05 0.80 0.00	17.86 0.76 0.00	17.88 0.72 0.00	19.21 0.79 0.00	21.30 0.97 0.00	28.25 1.35 -0.50	32.34 1.59 -0.07	28.98 1.27 -0.58	23.84 1.22 -0.07	28.98 1.46 -0.53	24.40 1.32 -0.24	20.94 1.16 -0.01	21.45 1.21 -0.02	22.35 1.28 0.00	24.87 1.51 -0.12	30.81 1.74 -0.64	37.87 1.95 -1.00	35.41 1.71 0.00	34.44 1.72 0.00	32.48 1.60 -0.13	29.00 1.32 -0.38	21.88 1.10 -0.05	20.38 1.07 -0.01
NYS_BARGE____HYD 23848	17.76 -0.76 0.00	17.46 -0.79 0.00	16.26 -0.84 0.00	16.38 -0.78 0.00	17.55 -0.87 0.00	19.34 -0.99 0.00	25.34 -1.05 0.00	29.29 -1.39 0.00	26.21 -0.92 0.00	21.81 -0.75 0.00	26.24 -0.75 0.00	22.65 -0.19 0.00	19.60 -0.17 0.00	19.90 -0.32 0.00	20.62 -0.45 0.00	22.53 -0.70 0.00	27.25 -1.18 0.00	33.45 -1.46 0.00	31.77 -1.92 0.00	30.96 -1.77 0.00	29.24 -1.50 0.00	26.17 -1.14 0.00	20.02 -0.72 0.00	18.82 -0.48 0.00
OAK ORCHARD____HYD 24046	18.29 -0.24 0.00	17.99 -0.26 0.00	16.79 -0.31 0.00	16.87 -0.29 0.00	18.11 -0.31 0.00	19.99 -0.34 0.00	26.16 -0.24 0.00	30.42 -0.26 0.00	27.05 -0.08 0.00	22.43 -0.12 0.00	26.89 -0.10 0.00	23.00 0.15 0.00	19.88 0.11 0.00	20.23 0.01 0.00	21.08 0.01 0.00	23.17 -0.06 0.00	28.23 -0.20 0.00	34.70 -0.21 0.00	33.26 -0.44 0.00	32.36 -0.37 0.00	30.45 -0.30 0.00	27.09 -0.21 0.00	20.60 -0.14 0.00	19.23 -0.08 0.00
OAKDALE__35_KV_LOAD 356122	18.80 0.28 0.00	18.48 0.22 0.00	17.28 0.18 0.00	17.34 0.19 0.00	18.65 0.22 0.00	20.55 0.22 0.00	26.86 0.46 0.00	31.25 0.58 0.00	27.63 0.51 0.00	22.96 0.40 0.00	27.41 0.42 0.00	23.33 0.48 0.00	20.19 0.42 0.00	20.59 0.37 0.00	21.49 0.42 0.00	23.76 0.53 0.00	29.00 0.57 0.00	35.59 0.68 0.00	34.16 0.46 0.00	33.17 0.44 0.00	31.11 0.36 0.00	27.65 0.34 0.00	21.02 0.28 0.00	19.58 0.27 0.00
OCC_CHEM____DRP 24175	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.05 -1.28 0.00	24.89 -1.51 0.00	28.75 -1.93 0.00	25.72 -1.41 0.00	21.46 -1.10 0.00	25.84 -1.15 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.59 -0.63 0.00	20.32 -0.75 0.00	22.18 -1.06 0.00	26.76 -1.67 0.00	32.68 -2.23 0.00	31.03 -2.67 0.00	30.22 -2.50 0.00	28.53 -2.22 0.00	25.57 -1.74 0.00	19.68 -1.05 0.00	18.55 -0.76 0.00
OH_GEN_PROXY 24063	17.64 -0.89 0.00	17.36 -0.89 0.00	16.16 -0.94 0.00	16.27 -0.88 0.00	17.44 -0.98 0.00	19.20 -1.13 0.00	25.13 -1.27 0.00	29.03 -1.65 0.00	25.96 -1.16 0.00	21.64 -0.92 0.00	41.10 -0.93 -15.05	35.33 -0.37 -12.85	19.47 -0.29 0.00	19.74 -0.48 0.00	34.54 -0.58 -14.05	22.42 -0.82 0.00	44.43 -1.35 -17.35	50.61 -1.70 -17.40	42.46 -2.11 -10.88	31.70 -1.96 -0.93	29.02 -1.72 0.00	25.97 -1.34 0.00	19.87 -0.86 0.00	18.69 -0.62 0.00
OLIN_CORP_DRP 24177	17.49 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.14 -1.02 0.00	17.28 -1.14 0.00	19.00 -1.32 0.00	24.90 -1.49 0.00	28.77 -1.91 0.00	25.75 -1.38 0.00	21.46 -1.10 0.00	25.83 -1.17 0.00	22.31 -0.54 0.00	19.32 -0.45 0.00	19.59 -0.63 0.00	20.31 -0.76 0.00	22.18 -1.05 0.00	26.79 -1.64 0.00	32.90 -2.01 0.00	31.23 -2.46 0.00	30.42 -2.31 0.00	28.71 -2.03 0.00	25.74 -1.57 0.00	19.71 -1.03 0.00	18.55 -0.76 0.00
OLIN_CORP_DSASP 323712	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.07 -1.26 0.00	24.89 -1.50 0.00	28.72 -1.96 0.00	25.72 -1.41 0.00	21.44 -1.11 0.00	25.83 -1.16 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.58 -0.64 0.00	20.33 -0.75 0.00	22.19 -1.04 0.00	26.75 -1.67 0.00	32.65 -2.25 0.00	31.03 -2.67 0.00	30.23 -2.49 0.00	28.54 -2.20 0.00	25.56 -1.74 0.00	19.68 -1.06 0.00	18.55 -0.76 0.00

ONEIDA_HERK_LFGE 323681	18.86 0.34 0.00	18.57 0.32 0.00	17.39 0.29 0.00	17.43 0.27 0.00	18.75 0.33 0.00	20.78 0.46 0.00	27.02 0.62 0.00	31.12 0.44 0.00	27.43 0.30 0.00	22.74 0.19 0.00	27.19 0.20 0.00	22.92 0.07 0.00	19.82 0.05 0.00	20.25 0.02 0.00	21.10 0.03 0.00	23.26 0.02 0.00	28.83 0.40 0.00	35.47 0.56 0.00	34.34 0.64 0.00	33.38 0.65 0.00	31.22 0.47 0.00	27.66 0.35 0.00	20.82 0.08 0.00	19.47 0.16 0.00
ONEIDA___115KV_TB4 55905	19.08 0.56 0.00	18.78 0.53 0.00	17.58 0.48 0.00	17.62 0.47 0.00	18.96 0.54 0.00	20.98 0.65 0.00	27.35 0.96 0.00	31.70 1.02 0.00	27.89 0.76 0.00	23.02 0.47 0.00	27.46 0.47 0.00	23.23 0.38 0.00	20.09 0.31 0.00	20.52 0.30 0.00	21.39 0.32 0.00	23.65 0.41 0.00	29.26 0.83 0.00	35.95 1.04 0.00	34.80 1.11 0.00	33.82 1.10 0.00	31.67 0.92 0.00	28.19 0.89 0.00	21.32 0.58 0.00	19.84 0.53 0.00
ONONDAGA_REF_OCCRA 23987	18.62 0.09 0.00	18.31 0.06 0.00	17.13 0.03 0.00	17.19 0.03 0.00	18.48 0.06 0.00	20.38 0.05 0.00	26.61 0.21 0.00	30.94 0.26 0.00	27.34 0.21 0.00	22.67 0.12 0.00	27.06 0.07 0.00	22.99 0.13 0.00	19.90 0.14 0.00	20.31 0.09 0.00	21.20 0.12 0.00	23.43 0.19 0.00	28.64 0.21 0.00	35.22 0.31 0.00	33.89 0.19 0.00	32.93 0.21 0.00	30.87 0.12 0.00	27.46 0.15 0.00	20.85 0.12 0.00	19.40 0.10 0.00
ONONDAGA___COGEN 23986	18.63 0.11 0.00	18.33 0.08 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.50 0.08 0.00	20.42 0.09 0.00	26.74 0.35 0.00	31.07 0.39 0.00	27.43 0.31 0.00	22.75 0.19 0.00	27.16 0.17 0.00	23.09 0.24 0.00	19.98 0.21 0.00	20.39 0.17 0.00	21.28 0.21 0.00	23.50 0.26 0.00	28.75 0.32 0.00	35.33 0.42 0.00	34.01 0.31 0.00	33.03 0.30 0.00	30.90 0.15 0.00	27.50 0.20 0.00	20.86 0.13 0.00	19.43 0.12 0.00
ONTARIO___LFGE 23819	18.69 0.17 0.00	18.38 0.12 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.53 0.10 0.00	20.46 0.13 0.00	26.85 0.45 0.00	31.21 0.53 0.00	27.62 0.49 0.00	22.85 0.30 0.00	27.32 0.33 0.00	23.29 0.45 0.00	20.13 0.36 0.00	20.48 0.26 0.00	21.35 0.28 0.00	23.55 0.32 0.00	28.74 0.31 0.00	35.31 0.40 0.00	33.94 0.24 0.00	33.02 0.29 0.00	30.94 0.20 0.00	27.54 0.23 0.00	20.94 0.20 0.00	19.49 0.18 0.00
ORANGEVILLE_WT_PWR 323706	18.08 -0.44 0.00	17.77 -0.48 0.00	16.50 -0.60 0.00	16.58 -0.58 0.00	17.83 -0.59 0.00	19.61 -0.72 0.00	25.75 -0.65 0.00	29.89 -0.79 0.00	26.69 -0.43 0.00	22.24 -0.32 0.00	26.77 -0.22 0.00	23.01 0.16 0.00	19.89 0.12 0.00	20.09 -0.13 0.00	20.88 -0.19 0.00	22.94 -0.30 0.00	27.81 -0.62 0.00	34.22 -0.69 0.00	32.54 -1.15 0.00	31.49 -1.24 0.00	29.51 -1.24 0.00	26.27 -1.03 0.00	20.09 -0.65 0.00	18.85 -0.46 0.00
ORANGEVILLE___ESR 323794	18.08 -0.44 0.00	17.77 -0.48 0.00	16.50 -0.60 0.00	16.58 -0.58 0.00	17.83 -0.59 0.00	19.61 -0.72 0.00	25.75 -0.65 0.00	29.89 -0.79 0.00	26.69 -0.43 0.00	22.24 -0.32 0.00	26.77 -0.22 0.00	23.01 0.16 0.00	19.89 0.12 0.00	20.09 -0.13 0.00	20.88 -0.19 0.00	22.94 -0.30 0.00	27.81 -0.62 0.00	34.22 -0.69 0.00	32.54 -1.15 0.00	31.49 -1.24 0.00	29.51 -1.24 0.00	26.27 -1.03 0.00	20.09 -0.65 0.00	18.85 -0.46 0.00
OSWEGATCHIE___HYD 24044	18.52 0.00 0.00	18.26 0.01 0.00	17.10 0.00 0.00	17.13 -0.03 0.00	18.41 -0.02 0.00	20.40 0.07 0.00	26.53 0.14 0.00	30.65 -0.03 0.00	27.01 -0.12 0.00	22.44 -0.11 0.00	26.86 -0.13 0.00	22.49 -0.36 0.00	19.28 -0.49 0.00	19.76 -0.47 0.00	20.61 -0.46 0.00	22.63 -0.61 0.00	28.02 -0.41 0.00	34.55 -0.36 0.00	33.57 -0.13 0.00	32.61 -0.11 0.00	30.49 -0.26 0.00	26.99 -0.31 0.00	20.30 -0.44 0.00	18.99 -0.32 0.00
OSWEGO___5 23606	18.15 -0.37 0.00	17.86 -0.39 0.00	16.73 -0.37 0.00	16.79 -0.37 0.00	18.03 -0.40 0.00	19.85 -0.48 0.00	25.78 -0.61 0.00	29.96 -0.72 0.00	26.50 -0.63 0.00	22.01 -0.55 0.00	26.32 -0.67 0.00	22.33 -0.52 0.00	19.33 -0.44 0.00	19.75 -0.47 0.00	20.59 -0.48 0.00	22.70 -0.53 0.00	27.77 -0.66 0.00	34.11 -0.79 0.00	32.86 -0.83 0.00	31.93 -0.80 0.00	30.02 -0.73 0.00	26.77 -0.54 0.00	20.33 -0.41 0.00	18.93 -0.38 0.00
OSWEGO___6 23613	18.15 -0.37 0.00	17.86 -0.39 0.00	16.73 -0.37 0.00	16.79 -0.37 0.00	18.03 -0.40 0.00	19.85 -0.48 0.00	25.78 -0.61 0.00	29.96 -0.72 0.00	26.50 -0.63 0.00	22.01 -0.55 0.00	26.32 -0.67 0.00	22.33 -0.52 0.00	19.33 -0.44 0.00	19.75 -0.47 0.00	20.59 -0.48 0.00	22.70 -0.53 0.00	27.77 -0.66 0.00	34.11 -0.79 0.00	32.86 -0.83 0.00	31.93 -0.80 0.00	30.02 -0.73 0.00	26.77 -0.54 0.00	20.33 -0.41 0.00	18.93 -0.38 0.00
OUTOKUMPU-AB___DRP 24206	17.94 -0.59 0.00	17.64 -0.61 0.00	16.43 -0.67 0.00	16.54 -0.62 0.00	17.73 -0.69 0.00	19.54 -0.79 0.00	25.60 -0.79 0.00	29.57 -1.11 0.00	26.42 -0.70 0.00	22.02 -0.53 0.00	26.51 -0.48 0.00	22.87 0.02 0.00	19.81 0.04 0.00	20.10 -0.12 0.00	20.87 -0.20 0.00	22.78 -0.45 0.00	27.55 -0.88 0.00	33.78 -1.13 0.00	32.08 -1.61 0.00	31.23 -1.50 0.00	29.44 -1.30 0.00	26.38 -0.93 0.00	20.21 -0.53 0.00	19.00 -0.30 0.00
OXBOW___ 24026	17.76 -0.77 0.00	17.47 -0.78 0.00	16.27 -0.83 0.00	16.38 -0.78 0.00	17.55 -0.87 0.00	19.38 -0.95 0.00	25.33 -1.06 0.00	29.22 -1.46 0.00	26.15 -0.97 0.00	21.79 -0.76 0.00	26.24 -0.75 0.00	22.66 -0.18 0.00	19.63 -0.14 0.00	19.90 -0.32 0.00	20.66 -0.41 0.00	22.57 -0.67 0.00	27.23 -1.20 0.00	33.32 -1.59 0.00	31.65 -2.04 0.00	30.82 -1.90 0.00	29.10 -1.65 0.00	26.05 -1.25 0.00	20.00 -0.74 0.00	18.83 -0.48 0.00
OXY_CHEM_DSASP 323612	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.05 -1.28 0.00	24.89 -1.51 0.00	28.75 -1.93 0.00	25.72 -1.41 0.00	21.46 -1.10 0.00	25.84 -1.15 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.59 -0.63 0.00	20.32 -0.75 0.00	22.18 -1.06 0.00	26.76 -1.67 0.00	32.68 -2.23 0.00	31.03 -2.67 0.00	30.22 -2.50 0.00	28.53 -2.22 0.00	25.57 -1.74 0.00	19.68 -1.05 0.00	18.55 -0.76 0.00
OZONE_PARK_ESR 323760	19.59 1.07 0.00	19.23 0.97 0.00	18.04 0.94 0.00	18.08 0.91 0.00	19.44 1.02 0.00	21.55 1.22 0.00	28.52 1.63 -0.50	32.67 1.93 -0.07	29.43 1.72 -0.59	24.12 1.49 -0.07	29.34 1.81 -0.53	24.68 1.59 -0.24	21.21 1.43 -0.01	21.72 1.48 -0.02	22.64 1.56 0.00	25.19 1.84 -0.12	31.24 2.18 -0.64	38.45 2.53 -1.00	35.96 2.26 0.00	34.89 2.16 0.00	32.91 2.04 -0.13	29.36 1.68 -0.38	22.15 1.36 -0.05	20.60 1.29 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.05 -1.28 0.00	24.89 -1.51 0.00	28.75 -1.93 0.00	25.72 -1.41 0.00	21.46 -1.10 0.00	25.84 -1.15 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.59 -0.63 0.00	20.32 -0.75 0.00	22.18 -1.06 0.00	26.76 -1.67 0.00	32.68 -2.23 0.00	31.03 -2.67 0.00	30.22 -2.50 0.00	28.53 -2.22 0.00	25.57 -1.74 0.00	19.68 -1.05 0.00	18.55 -0.76 0.00

PACKARD__115KV_DUPONT_184 80571	17.48 -1.04 0.00	17.20 -1.05 0.00	16.02 -1.08 0.00	16.13 -1.03 0.00	17.27 -1.15 0.00	19.05 -1.28 0.00	24.89 -1.51 0.00	28.75 -1.93 0.00	25.72 -1.41 0.00	21.46 -1.10 0.00	25.84 -1.15 0.00	22.32 -0.53 0.00	19.34 -0.43 0.00	19.59 -0.63 0.00	20.32 -0.75 0.00	22.18 -1.06 0.00	26.76 -1.67 0.00	32.68 -2.23 0.00	31.03 -2.67 0.00	30.22 -2.50 0.00	28.53 -2.22 0.00	25.57 -1.74 0.00	19.68 -1.05 0.00	18.55 -0.76 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.35 0.83 0.00	19.06 0.81 0.00	17.86 0.76 0.00	17.89 0.73 0.00	19.23 0.81 0.00	21.33 1.00 0.00	28.24 1.34 -0.50	32.32 1.58 -0.07	29.02 1.32 -0.59	23.83 1.21 -0.07	28.96 1.44 -0.53	24.39 1.30 -0.24	20.93 1.15 -0.01	21.44 1.19 -0.02	22.34 1.27 0.00	24.85 1.50 -0.12	30.81 1.74 -0.64	37.91 2.00 -1.00	35.47 1.78 0.00	34.49 1.77 0.00	32.51 1.64 -0.13	29.01 1.32 -0.38	21.88 1.10 -0.05	20.37 1.05 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.36 0.83 0.00	19.11 0.86 0.00	17.89 0.79 0.00	17.92 0.76 0.00	19.26 0.84 0.00	21.38 1.05 0.00	28.35 1.46 -0.50	32.41 1.66 -0.07	29.06 1.35 -0.59	23.84 1.22 -0.07	28.95 1.43 -0.53	24.37 1.28 -0.24	20.90 1.12 -0.01	21.41 1.16 -0.02	22.32 1.24 0.00	24.84 1.48 -0.12	30.78 1.71 -0.64	37.89 1.97 -1.00	35.46 1.76 0.00	34.51 1.78 0.00	32.52 1.65 -0.13	29.08 1.40 -0.38	21.92 1.13 -0.05	20.42 1.10 -0.01
PATROON__115KV_TB1 80586	18.81 0.28 0.00	18.51 0.25 0.00	17.38 0.28 0.00	17.44 0.28 0.00	18.76 0.34 0.00	20.77 0.44 0.00	26.43 0.58 0.53	31.34 0.73 0.07	27.12 0.62 0.62	22.96 0.48 0.07	26.93 0.50 0.57	23.00 0.40 0.25	20.12 0.36 0.01	20.60 0.41 0.03	21.51 0.44 0.00	23.64 0.53 0.13	28.46 0.70 0.67	34.79 0.94 1.05	34.56 0.86 0.00	33.53 0.80 0.00	31.38 0.76 0.12	27.45 0.51 0.37	21.13 0.44 0.05	19.71 0.40 0.01
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.34 -0.18 0.00	18.03 -0.22 0.00	16.77 -0.33 0.00	16.89 -0.27 0.00	18.13 -0.29 0.00	19.94 -0.39 0.00	26.20 -0.19 0.00	30.40 -0.28 0.00	27.10 -0.02 0.00	22.60 0.04 0.00	27.18 0.18 0.00	23.41 0.56 0.00	20.25 0.49 0.00	20.52 0.30 0.00	21.33 0.26 0.00	23.37 0.13 0.00	28.30 -0.13 0.00	34.74 -0.17 0.00	33.05 -0.64 0.00	32.16 -0.57 0.00	30.26 -0.49 0.00	27.06 -0.24 0.00	20.65 -0.09 0.00	19.37 0.07 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.52 1.00 0.00	19.16 0.91 0.00	17.97 0.87 0.00	18.02 0.86 0.00	19.39 0.97 0.00	21.48 1.15 0.00	28.35 1.54 -0.41	32.59 1.85 -0.06	29.25 1.65 -0.48	24.06 1.45 -0.05	29.09 1.71 -0.39	24.50 1.48 -0.17	21.11 1.33 -0.01	21.62 1.38 -0.02	22.54 1.47 0.00	25.06 1.74 -0.09	31.01 2.11 -0.46	38.16 2.52 -0.73	36.04 2.34 0.00	34.96 2.24 0.00	32.90 2.06 -0.09	29.25 1.67 -0.28	22.09 1.31 -0.04	20.53 1.22 0.00
PEEKSKILL____ 23653	19.36 0.83 0.00	19.00 0.75 0.00	17.82 0.72 0.00	17.87 0.71 0.00	19.22 0.80 0.00	21.28 0.96 0.00	28.13 1.26 -0.48	32.26 1.52 -0.07	29.02 1.34 -0.57	23.76 1.14 -0.07	28.90 1.40 -0.51	24.29 1.21 -0.23	20.87 1.10 -0.01	21.38 1.14 -0.02	22.29 1.22 0.00	24.81 1.46 -0.11	30.78 1.74 -0.61	37.90 2.03 -0.97	35.52 1.82 0.00	34.44 1.71 0.00	32.46 1.60 -0.12	28.95 1.28 -0.37	21.84 1.06 -0.05	20.31 0.99 -0.01
PGE MADISON__WINDPWR 24146	19.95 1.42 0.00	19.61 1.36 0.00	18.32 1.22 0.00	18.35 1.19 0.00	19.75 1.33 0.00	21.88 1.55 0.00	28.76 2.37 0.00	33.46 2.78 0.00	29.34 2.21 0.00	24.17 1.61 0.00	28.51 1.53 0.00	24.16 1.31 0.00	20.76 1.00 0.00	21.10 0.88 0.00	22.02 0.95 0.00	24.79 1.56 0.00	30.35 1.92 0.00	37.51 2.60 0.00	36.15 2.46 0.00	35.05 2.32 0.00	32.76 2.02 0.00	28.99 1.69 0.00	21.84 1.11 0.00	20.20 0.89 0.00
PIERCEFIELD__HYD 23852	18.55 0.03 0.00	18.35 0.10 0.00	17.17 0.07 0.00	17.21 0.05 0.00	18.46 0.03 0.00	20.39 0.06 0.00	26.52 0.12 0.00	30.78 0.10 0.00	27.14 0.02 0.00	22.56 0.01 0.00	27.06 0.07 0.00	22.64 -0.21 0.00	19.29 -0.48 0.00	19.80 -0.42 0.00	20.61 -0.46 0.00	22.67 -0.57 0.00	27.72 -0.71 0.00	34.16 -0.75 0.00	33.25 -0.45 0.00	32.28 -0.44 0.00	30.38 -0.37 0.00	27.22 -0.08 0.00	20.62 -0.11 0.00	19.20 -0.11 0.00
PINELAWN_CC_1 323563	21.94 1.39 -2.03	19.47 1.22 0.00	18.23 1.13 0.00	18.31 1.15 0.00	19.73 1.31 0.00	21.89 1.56 0.00	28.71 1.82 -0.50	34.00 1.95 -1.37	29.55 1.83 -0.59	24.27 1.64 -0.07	29.78 2.25 -0.53	24.98 1.89 -0.24	21.42 1.64 -0.01	22.12 1.78 -0.12	23.14 1.91 -0.16	26.86 2.22 -1.40	31.70 2.64 -0.64	40.75 2.82 -3.02	37.50 2.53 -1.28	35.83 2.46 -0.65	33.79 2.50 -0.55	35.06 1.99 -5.76	29.47 1.64 -7.09	20.85 1.53 -0.01
PJM_GEN_HTP_PROXY 323702	19.44 0.92 0.00	19.08 0.83 0.00	17.91 0.81 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.39 1.06 0.00	28.28 1.39 -0.50	32.40 1.65 -0.07	29.16 1.45 -0.59	23.89 1.27 -0.07	29.10 1.58 -0.53	24.48 1.39 -0.24	21.03 1.26 -0.01	21.54 1.30 -0.02	22.45 1.38 0.00	24.98 1.63 -0.12	30.96 1.89 -0.64	38.09 2.18 -1.00	35.65 1.96 0.00	34.57 1.84 0.00	32.59 1.72 -0.13	29.09 1.40 -0.38	21.95 1.16 -0.05	20.43 1.11 -0.01
PJM_GEN_KEystone 24065	18.82 0.29 0.00	18.47 0.22 0.00	17.26 0.16 0.00	17.34 0.18 0.00	18.66 0.24 0.00	20.60 0.27 0.00	27.13 0.49 -0.25	31.31 0.59 -0.03	28.02 0.60 -0.29	23.11 0.52 -0.03	27.94 0.69 -0.26	23.73 0.76 -0.12	20.46 0.69 -0.01	20.87 0.63 -0.01	21.74 0.67 0.00	24.07 0.78 -0.06	29.55 0.81 -0.31	36.31 0.91 -0.50	34.33 0.63 0.00	33.29 0.56 0.00	31.34 0.53 -0.06	27.95 0.46 -0.19	21.21 0.45 -0.02	19.78 0.47 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.86 1.15 -1.19	19.25 1.00 0.00	18.03 0.93 0.00	18.11 0.95 0.00	19.50 1.08 0.00	21.63 1.31 0.00	28.40 1.51 -0.50	32.33 1.58 -0.07	29.17 1.46 -0.59	23.95 1.33 -0.07	29.38 1.86 -0.53	24.67 1.58 -0.24	18.56 1.40 2.61	21.71 1.52 0.04	22.68 1.62 0.01	26.27 1.87 -1.16	31.26 2.19 -0.64	38.23 2.31 -1.00	35.75 2.06 0.00	34.72 1.99 0.00	33.18 2.00 -0.44	29.81 1.62 -0.89	26.89 1.35 -4.81	20.59 1.28 -0.01
PJM_GEN_VFT_PROXY 323633	19.37 0.85 0.00	19.02 0.76 0.00	17.85 0.75 0.00	17.89 0.73 0.00	19.24 0.82 0.00	21.30 0.98 0.00	28.13 1.24 -0.50	32.19 1.44 -0.07	29.00 1.29 -0.59	23.75 1.13 -0.07	28.91 1.38 -0.53	24.31 1.22 -0.24	20.89 1.11 -0.01	21.39 1.15 -0.02	22.28 1.21 0.00	24.81 1.45 -0.12	30.77 1.71 -0.64	37.86 1.94 -1.00	35.39 1.69 0.00	34.31 1.58 0.00	32.40 1.53 -0.13	28.92 1.23 -0.38	21.84 1.05 -0.05	20.35 1.03 -0.01
PLATSBURG_115KV_PMLD1 355749	19.04 0.52 0.00	18.87 0.62 0.00	17.65 0.55 0.00	17.70 0.54 0.00	19.04 0.62 0.00	21.01 0.68 0.00	27.26 0.86 0.00	31.77 1.09 0.00	28.10 0.97 0.00	23.43 0.88 0.00	28.12 1.13 0.00	23.73 0.88 0.00	20.31 0.54 0.00	20.88 0.66 0.00	21.63 0.56 0.00	24.07 0.84 0.00	29.47 1.04 0.00	36.21 1.31 0.00	35.16 1.47 0.00	33.95 1.22 0.00	31.74 0.99 0.00	28.06 0.75 0.00	21.20 0.46 0.00	19.59 0.28 0.00

PLEASANTVLY___LBMP 24000	19.26 0.73 0.00	18.91 0.66 0.00	17.75 0.65 0.00	17.80 0.64 0.00	19.14 0.72 0.00	21.18 0.85 0.00	28.03 1.08 -0.56	32.05 1.29 -0.08	28.93 1.14 -0.66	23.61 0.97 -0.08	28.76 1.18 -0.60	24.14 1.03 -0.26	20.71 0.93 -0.01	21.22 0.97 -0.03	22.12 1.04 0.00	24.62 1.25 -0.13	30.61 1.47 -0.71	37.75 1.71 -1.13	35.25 1.56 0.00	34.20 1.48 0.00	32.25 1.36 -0.14	28.80 1.07 -0.42	21.68 0.89 -0.05	20.16 0.85 -0.01
PLSNTVLE_13_KV_13.8KVDIST 80602	19.39 0.87 0.00	19.03 0.78 0.00	17.87 0.77 0.00	17.91 0.75 0.00	19.27 0.85 0.00	21.34 1.01 0.00	28.20 1.31 -0.50	32.31 1.56 -0.07	29.08 1.37 -0.59	23.81 1.19 -0.07	28.96 1.44 -0.53	24.36 1.27 -0.24	20.92 1.14 -0.01	21.43 1.19 -0.02	22.35 1.27 0.00	24.86 1.51 -0.12	30.85 1.78 -0.64	37.98 2.06 -1.01	35.57 1.87 0.00	34.50 1.78 0.00	32.53 1.66 -0.13	29.01 1.32 -0.38	21.87 1.09 -0.05	20.34 1.03 -0.01
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.39 0.87 0.00	19.03 0.78 0.00	17.87 0.77 0.00	17.91 0.75 0.00	19.27 0.85 0.00	21.34 1.01 0.00	28.20 1.31 -0.50	32.31 1.56 -0.07	29.08 1.37 -0.59	23.81 1.19 -0.07	28.96 1.44 -0.53	24.36 1.27 -0.24	20.92 1.14 -0.01	21.43 1.19 -0.02	22.35 1.27 0.00	24.86 1.51 -0.12	30.85 1.78 -0.64	37.98 2.06 -1.01	35.57 1.87 0.00	34.50 1.78 0.00	32.53 1.66 -0.13	29.01 1.32 -0.38	21.87 1.09 -0.05	20.34 1.03 -0.01
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.39 0.87 0.00	19.04 0.79 0.00	17.86 0.76 0.00	17.91 0.75 0.00	19.27 0.85 0.00	21.33 1.00 0.00	27.50 1.30 0.20	32.22 1.57 0.03	28.27 1.38 0.23	23.71 1.19 0.03	28.17 1.39 0.21	23.95 1.20 0.09	20.84 1.07 0.00	21.33 1.12 0.01	22.28 1.21 0.00	24.63 1.44 0.05	29.91 1.74 0.26	36.58 2.08 0.41	35.63 1.94 0.00	34.58 1.85 0.00	32.40 1.71 0.05	28.53 1.38 0.15	21.82 1.10 0.02	20.33 1.03 0.00
POLETTI____ 23519	19.37 0.85 0.00	19.02 0.77 0.00	17.86 0.76 0.00	17.89 0.74 0.00	19.24 0.82 0.00	21.32 1.00 0.00	28.17 1.28 -0.50	32.24 1.49 -0.07	29.04 1.33 -0.59	23.81 1.19 -0.07	28.95 1.42 -0.53	24.36 1.28 -0.24	20.93 1.15 -0.01	21.44 1.20 -0.02	22.35 1.27 0.00	24.87 1.52 -0.12	30.84 1.78 -0.64	37.94 2.03 -1.00	35.48 1.78 0.00	34.40 1.67 0.00	32.47 1.59 -0.13	28.96 1.28 -0.38	21.87 1.08 -0.05	20.35 1.04 -0.01
POMONA___ESR 323819	19.37 0.85 0.00	19.00 0.75 0.00	17.81 0.71 0.00	17.87 0.71 0.00	19.24 0.81 0.00	21.29 0.97 0.00	28.08 1.29 -0.40	32.30 1.57 -0.06	28.98 1.38 -0.47	23.77 1.16 -0.06	28.82 1.41 -0.43	24.26 1.22 -0.19	20.89 1.11 -0.01	21.39 1.15 -0.02	22.31 1.24 0.00	24.84 1.51 -0.09	30.75 1.80 -0.51	37.86 2.14 -0.81	35.64 1.94 0.00	34.53 1.80 0.00	32.50 1.66 -0.10	28.97 1.36 -0.30	21.89 1.11 -0.04	20.35 1.03 0.00
PORT_JEFF_3 23555	29.05 1.57 -8.96	19.66 1.41 0.00	18.41 1.31 0.00	18.50 1.34 0.00	19.93 1.51 0.00	22.11 1.77 -0.01	28.91 2.01 -0.51	50.92 2.09 -18.16	29.72 1.99 -0.60	24.42 1.79 -0.07	30.11 2.58 -0.54	25.27 2.18 -0.24	20.09 1.86 1.54	22.30 2.05 -0.03	23.32 2.19 -0.06	27.65 2.52 -1.90	32.03 2.94 -0.65	70.78 3.04 -32.84	60.31 2.64 -23.98	45.43 2.56 -10.15	34.80 2.66 -1.39	32.28 2.11 -2.87	28.25 1.78 -5.73	21.03 1.72 -0.01
PORT_JEFF_4 23616	29.05 1.57 -8.96	19.66 1.41 0.00	18.41 1.31 0.00	18.50 1.34 0.00	19.93 1.51 0.00	22.11 1.77 -0.01	28.91 2.01 -0.51	50.92 2.09 -18.16	29.72 1.99 -0.60	24.42 1.79 -0.07	30.11 2.58 -0.54	25.27 2.18 -0.24	20.09 1.86 1.54	22.30 2.05 -0.03	23.32 2.19 -0.06	27.65 2.52 -1.90	32.03 2.94 -0.65	70.78 3.04 -32.84	60.31 2.64 -23.98	45.43 2.56 -10.15	34.80 2.66 -1.39	32.28 2.11 -2.87	28.25 1.78 -5.73	21.03 1.72 -0.01
PORT_JEFF_IC 23713	28.08 1.60 -7.96	19.69 1.44 0.00	18.43 1.33 0.00	18.52 1.36 0.00	19.95 1.53 0.00	22.14 1.81 0.00	28.97 2.07 -0.51	51.12 2.18 -18.26	29.79 2.07 -0.61	24.47 1.84 -0.07	30.16 2.63 -0.54	25.30 2.22 -0.24	20.17 1.89 1.49	22.34 2.09 -0.03	23.36 2.22 -0.07	27.80 2.57 -2.00	32.11 3.02 -0.66	76.02 3.15 -37.96	68.45 2.70 -32.05	47.07 2.62 -11.72	35.03 2.75 -1.54	32.46 2.20 -2.96	28.35 1.83 -5.78	21.07 1.75 -0.01
PPL PILGRIM_ST_GT1 24216	23.39 1.59 -3.27	19.67 1.42 0.00	18.41 1.31 0.00	18.50 1.34 0.00	19.93 1.51 0.00	22.11 1.78 0.00	28.93 2.04 -0.50	37.05 2.12 -4.26	29.71 2.00 -0.59	24.40 1.78 -0.07	30.01 2.49 -0.53	25.18 2.10 -0.24	20.28 1.80 1.28	22.22 1.96 -0.04	23.23 2.08 -0.08	27.04 2.41 -1.39	31.96 2.89 -0.64	45.37 2.99 -7.46	40.36 2.57 -4.09	37.33 2.53 -2.07	34.05 2.65 -0.65	32.90 2.24 -3.35	28.53 1.83 -5.96	21.04 1.72 -0.01
PPL PILGRIM_ST_GT2 24217	23.39 1.59 -3.27	19.67 1.42 0.00	18.41 1.31 0.00	18.50 1.34 0.00	19.93 1.51 0.00	22.11 1.78 0.00	28.93 2.04 -0.50	37.05 2.12 -4.26	29.71 2.00 -0.59	24.40 1.78 -0.07	30.01 2.49 -0.53	25.18 2.10 -0.24	20.28 1.80 1.28	22.22 1.96 -0.04	23.23 2.08 -0.08	27.04 2.41 -1.39	31.96 2.89 -0.64	45.37 2.99 -7.46	40.36 2.57 -4.09	37.33 2.53 -2.07	34.05 2.65 -0.65	32.90 2.24 -3.35	28.53 1.83 -5.96	21.04 1.72 -0.01
PPL_SHRM_GT3 24213	28.92 1.78 -8.61	19.86 1.61 0.00	18.58 1.48 0.00	18.67 1.52 0.00	20.12 1.70 0.00	22.33 2.00 0.00	29.28 2.39 -0.51	51.21 2.63 -17.91	30.17 2.63 -0.60	24.66 2.04 -0.07	30.37 2.84 -0.54	25.48 2.40 -0.24	20.29 2.04 1.52	22.55 2.30 -0.03	23.61 2.47 -0.07	28.00 2.85 -1.91	32.50 3.42 -0.65	72.20 3.74 -33.54	62.55 3.36 -25.49	46.35 3.26 -10.36	35.48 3.32 -1.41	32.81 2.59 -2.91	28.59 2.10 -5.75	21.29 1.97 -0.01
PPL_SHRM_GT4 24214	28.92 1.78 -8.61	19.86 1.61 0.00	18.58 1.48 0.00	18.67 1.52 0.00	20.12 1.70 0.00	22.33 2.00 0.00	29.28 2.39 -0.51	51.21 2.63 -17.91	30.17 2.63 -0.60	24.66 2.04 -0.07	30.37 2.84 -0.54	25.48 2.40 -0.24	20.29 2.04 1.52	22.55 2.30 -0.03	23.61 2.47 -0.07	28.00 2.85 -1.91	32.50 3.42 -0.65	72.20 3.74 -33.54	62.55 3.36 -25.49	46.35 3.26 -10.36	35.48 3.32 -1.41	32.81 2.59 -2.91	28.59 2.10 -5.75	21.29 1.97 -0.01
PROJECT___ORANGE 1 24174	18.48 -0.05 0.00	18.18 -0.08 0.00	17.01 -0.09 0.00	17.07 -0.08 0.00	18.34 -0.08 0.00	20.22 -0.11 0.00	26.38 -0.02 0.00	30.68 0.00 0.00	27.13 0.00 0.00	22.51 -0.04 0.00	26.89 -0.10 0.00	22.84 -0.01 0.00	19.78 0.01 0.00	20.19 -0.03 0.00	21.06 -0.01 0.00	23.26 0.03 0.00	28.45 0.02 0.00	34.97 0.06 0.00	33.63 -0.06 0.00	32.67 -0.05 0.00	30.64 -0.10 0.00	27.28 -0.02 0.00	20.72 -0.02 0.00	19.29 -0.02 0.00
PROJECT___ORANGE 2 24166	18.48 -0.05 0.00	18.18 -0.08 0.00	17.01 -0.09 0.00	17.07 -0.08 0.00	18.34 -0.08 0.00	20.22 -0.11 0.00	26.38 -0.02 0.00	30.68 0.00 0.00	27.13 0.00 0.00	22.51 -0.04 0.00	26.89 -0.10 0.00	22.84 -0.01 0.00	19.78 0.01 0.00	20.19 -0.03 0.00	21.06 -0.01 0.00	23.26 0.03 0.00	28.45 0.02 0.00	34.97 0.06 0.00	33.63 -0.06 0.00	32.67 -0.05 0.00	30.64 -0.10 0.00	27.28 -0.02 0.00	20.72 -0.02 0.00	19.29 -0.02 0.00

PUCKETT___SOLAR 323809	19.12 0.59 0.00	18.79 0.54 0.00	17.57 0.47 0.00	17.62 0.47 0.00	18.96 0.54 0.00	20.93 0.60 0.00	27.43 1.04 0.00	31.93 1.26 0.00	28.12 1.00 0.00	23.25 0.70 0.00	27.59 0.60 0.00	23.42 0.57 0.00	20.23 0.46 0.00	20.61 0.39 0.00	21.60 0.53 0.00	24.02 0.78 0.00	29.34 0.90 0.00	36.12 1.21 0.00	34.75 1.05 0.00	33.75 1.02 0.00	31.64 0.89 0.00	28.07 0.76 0.00	21.30 0.56 0.00	19.80 0.49 0.00
PYRITES___HYD 24023	18.82 0.30 0.00	18.61 0.35 0.00	17.40 0.30 0.00	17.45 0.29 0.00	18.72 0.30 0.00	20.68 0.35 0.00	27.00 0.61 0.00	31.35 0.68 0.00	27.58 0.46 0.00	22.82 0.27 0.00	27.37 0.38 0.00	22.93 0.08 0.00	19.62 -0.15 0.00	20.15 -0.07 0.00	20.98 -0.09 0.00	23.13 -0.11 0.00	28.22 -0.21 0.00	34.80 -0.10 0.00	33.93 0.23 0.00	32.95 0.23 0.00	30.99 0.25 0.00	27.77 0.47 0.00	21.01 0.28 0.00	19.53 0.22 0.00
QUAKERRD_115KV_BK1 80622	17.93 -0.60 0.00	17.64 -0.61 0.00	16.47 -0.62 0.00	16.56 -0.60 0.00	17.78 -0.64 0.00	19.61 -0.71 0.00	25.65 -0.75 0.00	29.81 -0.87 0.00	26.42 -0.71 0.00	21.93 -0.63 0.00	26.27 -0.72 0.00	22.42 -0.43 0.00	19.40 -0.37 0.00	19.73 -0.49 0.00	20.59 -0.48 0.00	22.66 -0.58 0.00	27.63 -0.80 0.00	33.96 -0.95 0.00	32.60 -1.10 0.00	31.71 -1.02 0.00	29.81 -0.94 0.00	26.55 -0.76 0.00	20.17 -0.57 0.00	18.81 -0.49 0.00
QUEENSBRY_115KV_TB8 356137	19.60 1.08 0.00	19.34 1.09 0.00	18.03 0.93 0.00	18.22 1.07 0.00	19.59 1.17 0.00	21.75 1.42 0.00	28.09 2.18 0.48	33.31 2.70 0.07	28.96 2.39 0.56	24.40 1.91 0.07	28.79 2.31 0.51	24.51 1.89 0.23	21.25 1.49 0.01	21.77 1.57 0.02	22.57 1.51 0.00	24.61 1.49 0.11	29.77 1.95 0.61	36.58 2.62 0.95	36.18 2.48 0.00	35.12 2.39 0.00	32.74 2.11 0.11	28.49 1.52 0.34	21.94 1.24 0.04	20.42 1.12 0.01
RAMAPO___LBMP 323565	19.32 0.80 0.00	18.95 0.70 0.00	17.77 0.67 0.00	17.82 0.66 0.00	19.19 0.77 0.00	21.24 0.91 0.00	28.01 1.21 -0.40	32.21 1.47 -0.06	28.91 1.31 -0.48	23.70 1.09 -0.06	28.75 1.33 -0.43	24.20 1.16 -0.19	20.83 1.05 -0.01	21.33 1.09 -0.02	22.25 1.18 0.00	24.75 1.42 -0.09	30.65 1.71 -0.52	37.74 2.02 -0.81	35.52 1.82 0.00	34.41 1.68 0.00	32.41 1.56 -0.10	28.87 1.26 -0.30	21.82 1.04 -0.04	20.28 0.97 0.00
RANKINE____ 23646	18.11 -0.42 0.00	17.80 -0.45 0.00	16.55 -0.55 0.00	16.67 -0.49 0.00	17.89 -0.54 0.00	19.68 -0.65 0.00	25.84 -0.56 0.00	29.95 -0.73 0.00	26.72 -0.40 0.00	22.29 -0.26 0.00	26.82 -0.17 0.00	23.12 0.27 0.00	20.02 0.24 0.00	20.28 0.05 0.00	21.06 -0.01 0.00	23.06 -0.18 0.00	27.91 -0.52 0.00	34.25 -0.66 0.00	32.56 -1.13 0.00	31.66 -1.07 0.00	29.80 -0.94 0.00	26.63 -0.67 0.00	20.35 -0.39 0.00	19.11 -0.20 0.00
RAVENSWOOD_GT2_1 24244	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.51 1.26 -0.02	22.41 1.34 0.00	24.94 1.59 -0.12	30.93 1.86 -0.64	38.05 2.14 -1.00	35.59 1.90 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.92 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT2_2 24245	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.51 1.26 -0.02	22.41 1.34 0.00	24.94 1.59 -0.12	30.93 1.86 -0.64	38.05 2.14 -1.00	35.59 1.90 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.92 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT2_3 24246	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.26 1.37 -0.50	32.37 1.62 -0.07	29.15 1.44 -0.59	23.88 1.26 -0.07	29.06 1.54 -0.53	24.45 1.36 -0.24	21.00 1.22 -0.01	21.51 1.27 -0.02	22.42 1.34 0.00	24.95 1.60 -0.12	30.95 1.88 -0.64	38.07 2.15 -1.00	35.62 1.92 0.00	34.54 1.82 0.00	32.59 1.72 -0.13	29.07 1.38 -0.38	21.93 1.14 -0.05	20.41 1.09 -0.01
RAVENSWOOD_GT2_4 24247	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.80 0.00	17.94 0.78 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.26 1.37 -0.50	32.37 1.62 -0.07	29.15 1.44 -0.59	23.88 1.26 -0.07	29.06 1.54 -0.53	24.45 1.36 -0.24	21.00 1.22 -0.01	21.51 1.27 -0.02	22.42 1.34 0.00	24.95 1.60 -0.12	30.95 1.88 -0.64	38.07 2.15 -1.00	35.62 1.92 0.00	34.54 1.82 0.00	32.59 1.72 -0.13	29.07 1.38 -0.38	21.93 1.14 -0.05	20.41 1.09 -0.01
RAVENSWOOD_GT3_1 24248	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.05 2.13 -1.00	35.59 1.89 0.00	34.53 1.80 0.00	32.57 1.70 -0.13	29.06 1.38 -0.38	21.92 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT3_2 24249	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.05 2.13 -1.00	35.59 1.89 0.00	34.53 1.80 0.00	32.57 1.70 -0.13	29.06 1.38 -0.38	21.92 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT3_3 24250	19.44 0.92 0.00	19.09 0.83 0.00	17.92 0.81 0.00	17.95 0.79 0.00	19.31 0.89 0.00	21.39 1.06 0.00	28.29 1.40 -0.50	32.40 1.65 -0.07	29.18 1.47 -0.59	23.91 1.28 -0.07	29.10 1.58 -0.53	24.48 1.39 -0.24	21.03 1.25 -0.01	21.54 1.29 -0.02	22.45 1.38 0.00	24.98 1.63 -0.12	30.98 1.92 -0.64	38.10 2.19 -1.00	35.65 1.96 0.00	34.58 1.85 0.00	32.62 1.75 -0.13	29.10 1.42 -0.38	21.96 1.17 -0.05	20.43 1.12 -0.01
RAVENSWOOD_GT3_4 24251	19.44 0.92 0.00	19.09 0.83 0.00	17.92 0.81 0.00	17.95 0.79 0.00	19.31 0.89 0.00	21.39 1.06 0.00	28.29 1.40 -0.50	32.40 1.65 -0.07	29.18 1.47 -0.59	23.91 1.28 -0.07	29.10 1.58 -0.53	24.48 1.39 -0.24	21.03 1.25 -0.01	21.54 1.29 -0.02	22.45 1.38 0.00	24.98 1.63 -0.12	30.98 1.92 -0.64	38.10 2.19 -1.00	35.65 1.96 0.00	34.58 1.85 0.00	32.62 1.75 -0.13	29.10 1.42 -0.38	21.96 1.17 -0.05	20.43 1.12 -0.01
RAVENSWOOD_GT_1 23729	19.40 0.87 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.33 1.00 0.00	28.23 1.34 -0.50	32.33 1.59 -0.07	29.10 1.39 -0.59	23.88 1.25 -0.07	29.04 1.52 -0.53	24.45 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.93 1.58 -0.12	30.91 1.84 -0.64	38.02 2.11 -1.00	35.55 1.85 0.00	34.53 1.81 0.00	32.56 1.69 -0.13	29.05 1.36 -0.38	21.91 1.12 -0.05	20.39 1.08 -0.01

RAVENSWOOD_GT_10 24258	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.05 2.13 -1.00	35.59 1.89 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT_11 24259	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.05 2.13 -1.00	35.59 1.89 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT_4 24252	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.79 0.00	17.93 0.77 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.26 1.37 -0.50	32.35 1.61 -0.07	29.15 1.44 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.51 1.26 -0.02	22.41 1.34 0.00	24.94 1.59 -0.12	30.93 1.86 -0.64	38.05 2.14 -1.00	35.61 1.91 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT_5 24254	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.79 0.00	17.93 0.77 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.26 1.37 -0.50	32.35 1.61 -0.07	29.15 1.44 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.51 1.26 -0.02	22.41 1.34 0.00	24.94 1.59 -0.12	30.93 1.86 -0.64	38.05 2.14 -1.00	35.61 1.91 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT_6 24253	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.79 0.00	17.93 0.77 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.26 1.37 -0.50	32.35 1.61 -0.07	29.15 1.44 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.51 1.26 -0.02	22.41 1.34 0.00	24.94 1.59 -0.12	30.93 1.86 -0.64	38.05 2.14 -1.00	35.61 1.91 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT_7 24255	19.43 0.90 0.00	19.07 0.82 0.00	17.90 0.79 0.00	17.93 0.77 0.00	19.29 0.87 0.00	21.37 1.04 0.00	28.26 1.37 -0.50	32.35 1.61 -0.07	29.15 1.44 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.51 1.26 -0.02	22.41 1.34 0.00	24.94 1.59 -0.12	30.93 1.86 -0.64	38.05 2.14 -1.00	35.61 1.91 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.05 2.13 -1.00	35.59 1.89 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD_GT_9 24257	19.43 0.90 0.00	19.07 0.82 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.35 1.60 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.05 2.13 -1.00	35.59 1.89 0.00	34.53 1.80 0.00	32.57 1.71 -0.13	29.06 1.38 -0.38	21.93 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD___1 23533	19.40 0.87 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.33 1.00 0.00	28.23 1.34 -0.50	32.35 1.60 -0.07	29.10 1.39 -0.58	23.88 1.25 -0.07	29.05 1.53 -0.53	24.45 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 0.00	24.93 1.57 -0.12	30.91 1.84 -0.64	38.03 2.11 -1.00	35.55 1.85 0.00	34.53 1.80 0.00	32.55 1.68 -0.13	29.04 1.36 -0.38	21.91 1.12 -0.05	20.39 1.08 -0.01
RAVENSWOOD___2 23534	19.40 0.87 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.33 1.00 0.00	28.23 1.34 -0.50	32.35 1.60 -0.07	29.10 1.39 -0.58	23.88 1.25 -0.07	29.05 1.53 -0.53	24.45 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 0.00	24.93 1.57 -0.12	30.91 1.84 -0.64	38.03 2.11 -1.00	35.55 1.85 0.00	34.53 1.80 0.00	32.55 1.68 -0.13	29.04 1.36 -0.38	21.91 1.12 -0.05	20.39 1.08 -0.01
RAVENSWOOD___3 23535	19.43 0.90 0.00	19.07 0.81 0.00	17.89 0.79 0.00	17.93 0.77 0.00	19.28 0.86 0.00	21.36 1.03 0.00	28.25 1.36 -0.50	32.36 1.61 -0.07	29.14 1.43 -0.59	23.87 1.25 -0.07	29.05 1.53 -0.53	24.44 1.36 -0.24	21.00 1.22 -0.01	21.51 1.26 -0.02	22.41 1.34 0.00	24.94 1.58 -0.12	30.93 1.86 -0.64	38.05 2.14 -1.00	35.60 1.90 0.00	34.52 1.80 0.00	32.57 1.70 -0.13	29.06 1.38 -0.38	21.92 1.14 -0.05	20.40 1.09 -0.01
RAVENSWOOD___4 23820	19.40 0.87 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.33 1.00 0.00	28.23 1.34 -0.50	32.35 1.60 -0.07	29.10 1.39 -0.58	23.88 1.25 -0.07	29.05 1.53 -0.53	24.45 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.33 0.00	24.93 1.57 -0.12	30.91 1.84 -0.64	38.03 2.11 -1.00	35.55 1.85 0.00	34.53 1.80 0.00	32.55 1.68 -0.13	29.04 1.36 -0.38	21.91 1.12 -0.05	20.39 1.08 -0.01
RCPL_TRUST___DRP 24196	19.45 0.92 0.00	19.09 0.84 0.00	17.93 0.82 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.41 1.08 0.00	28.31 1.42 -0.50	32.42 1.67 -0.07	29.19 1.48 -0.59	23.91 1.29 -0.07	29.13 1.61 -0.53	24.51 1.43 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.48 1.40 0.00	25.01 1.66 -0.12	31.00 1.94 -0.64	38.13 2.22 -1.00	35.69 1.99 0.00	34.60 1.87 0.00	32.63 1.76 -0.13	29.11 1.43 -0.38	21.96 1.18 -0.05	20.44 1.13 -0.01
RED___ROCHESTER 323720	18.38 -0.14 0.00	18.08 -0.17 0.00	16.86 -0.24 0.00	16.95 -0.21 0.00	18.20 -0.22 0.00	20.09 -0.24 0.00	26.31 -0.09 0.00	30.63 -0.05 0.00	27.21 0.09 0.00	22.57 0.01 0.00	27.06 0.07 0.00	23.14 0.29 0.00	20.00 0.23 0.00	20.34 0.12 0.00	21.22 0.15 0.00	23.33 0.09 0.00	28.43 0.00 0.00	34.95 0.04 0.00	33.51 -0.19 0.00	32.59 -0.13 0.00	30.66 -0.09 0.00	27.26 -0.05 0.00	20.72 -0.02 0.00	19.33 0.02 0.00
REGAN___SOLAR 323812	19.68 1.15 0.00	19.31 1.06 0.00	18.04 0.93 0.00	18.09 0.93 0.00	19.42 1.00 0.00	21.57 1.24 0.00	27.84 1.83 0.39	32.60 1.98 0.05	28.34 1.68 0.46	23.65 1.16 0.05	27.63 1.05 0.42	22.96 0.30 0.18	20.37 0.61 0.01	20.30 0.10 0.02	21.15 0.08 0.00	23.41 0.27 0.09	29.09 1.16 0.49	36.36 2.23 0.78	35.71 2.01 0.00	34.72 1.99 0.00	32.51 1.86 0.09	28.79 1.76 0.28	21.91 1.21 0.04	20.41 1.11 0.00

RENSSELAER___COGEN 23796	18.73 0.21 0.00	18.44 0.19 0.00	17.32 0.22 0.00	17.37 0.21 0.00	18.68 0.26 0.00	20.67 0.34 0.00	26.30 0.44 0.53	31.18 0.57 0.07	26.97 0.47 0.63	22.82 0.34 0.07	26.77 0.36 0.57	22.87 0.27 0.25	20.01 0.25 0.01	20.48 0.29 0.03	21.38 0.32 0.00	23.51 0.40 0.13	28.27 0.52 0.68	34.57 0.72 1.05	34.36 0.66 0.00	33.34 0.61 0.00	31.21 0.59 0.12	27.31 0.37 0.37	21.03 0.34 0.05	19.61 0.31 0.01
REPUBLIC_115KV_BARTNBRK 55605	20.67 2.14 0.00	20.49 2.24 0.00	19.08 1.98 0.00	19.17 2.01 0.00	20.60 2.18 0.00	22.96 2.63 0.00	29.58 3.67 0.48	34.98 4.37 0.07	30.34 3.79 0.57	25.53 3.04 0.07	30.13 3.65 0.51	25.77 3.15 0.23	22.49 2.74 0.01	23.04 2.84 0.02	23.78 2.71 0.00	25.99 2.86 0.11	31.54 3.72 0.61	38.76 4.81 0.96	38.33 4.64 0.00	37.17 4.44 0.00	34.50 3.87 0.11	30.08 3.11 0.34	23.26 2.56 0.04	21.69 2.38 0.01
REVERE_CPPR_DRP 24186	19.16 0.64 0.00	18.87 0.62 0.00	17.65 0.55 0.00	17.71 0.55 0.00	19.05 0.63 0.00	21.11 0.78 0.00	27.53 1.14 0.00	31.83 1.15 0.00	27.97 0.85 0.00	23.09 0.54 0.00	27.55 0.55 0.00	23.25 0.40 0.00	20.10 0.33 0.00	20.53 0.31 0.00	21.40 0.33 0.00	23.66 0.42 0.00	29.37 0.94 0.00	36.09 1.18 0.00	34.98 1.29 0.00	33.99 1.27 0.00	31.79 1.05 0.00	28.30 0.99 0.00	21.36 0.62 0.00	19.89 0.58 0.00
REYNOLDS_115KV_TB3 80639	18.90 0.38 0.00	18.61 0.35 0.00	17.47 0.37 0.00	17.53 0.36 0.00	18.84 0.42 0.00	20.86 0.53 0.00	26.43 0.66 0.62	31.43 0.84 0.09	27.10 0.70 0.73	22.99 0.52 0.09	26.90 0.57 0.66	23.03 0.47 0.29	20.19 0.43 0.01	20.66 0.47 0.03	21.58 0.51 0.00	23.69 0.60 0.15	28.40 0.75 0.78	34.67 0.99 1.23	34.63 0.93 0.00	33.59 0.86 0.00	31.40 0.80 0.15	27.41 0.54 0.44	21.16 0.48 0.06	19.75 0.45 0.01
RIVERBAY____ 323610	19.36 0.83 0.00	19.11 0.86 0.00	17.89 0.79 0.00	17.92 0.76 0.00	19.26 0.84 0.00	21.38 1.05 0.00	28.35 1.46 -0.50	32.41 1.66 -0.07	29.06 1.35 -0.59	23.84 1.22 -0.07	28.95 1.43 -0.53	24.37 1.28 -0.24	20.90 1.12 -0.01	21.41 1.16 -0.02	22.32 1.24 0.00	24.84 1.48 -0.12	30.78 1.71 -0.64	37.89 1.97 -1.00	35.46 1.76 0.00	34.51 1.78 0.00	32.52 1.65 -0.13	29.08 1.40 -0.38	21.92 1.13 -0.05	20.42 1.10 -0.01
RIVERSDE_115KV_TB3 55908	18.81 0.29 0.00	18.51 0.26 0.00	17.39 0.29 0.00	17.44 0.28 0.00	18.76 0.34 0.00	20.77 0.55 0.00	26.36 0.66 0.58	31.31 0.71 0.08	27.04 0.59 0.68	22.91 0.44 0.08	26.85 0.47 0.61	22.96 0.38 0.27	20.11 0.35 0.01	20.58 0.39 0.03	21.49 0.43 0.00	23.61 0.51 0.14	28.36 0.66 0.73	34.64 0.87 1.14	34.51 0.81 0.00	33.48 0.75 0.00	31.32 0.71 0.13	27.37 0.46 0.40	21.10 0.41 0.05	19.68 0.38 0.01
ROARING___BROOK_WT_PWR 323790	18.47 -0.06 0.00	18.22 -0.04 0.00	17.06 -0.04 0.00	17.09 -0.07 0.00	18.38 -0.04 0.00	20.33 0.00 0.00	26.04 -0.36 0.00	29.75 -0.92 0.00	26.39 -0.74 0.00	22.23 -0.33 0.00	26.67 -0.32 0.00	22.57 -0.27 0.00	19.52 -0.24 0.00	19.90 -0.32 0.00	20.69 -0.39 0.00	22.68 -0.56 0.00	27.96 -0.47 0.00	34.18 -0.73 0.00	33.04 -0.66 0.00	32.16 -0.56 0.00	30.15 -0.59 0.00	26.54 -0.77 0.00	20.03 -0.71 0.00	18.69 -0.62 0.00
ROCHESRG_115KV_T4 355643	18.22 -0.31 0.00	17.92 -0.34 0.00	16.73 -0.38 0.00	16.81 -0.35 0.00	18.05 -0.37 0.00	19.90 -0.43 0.00	26.04 -0.35 0.00	30.28 -0.40 0.00	26.90 -0.23 0.00	22.33 -0.22 0.00	26.77 -0.22 0.00	22.88 0.03 0.00	19.79 0.02 0.00	20.13 -0.09 0.00	20.98 -0.09 0.00	23.06 -0.18 0.00	28.09 -0.33 0.00	34.54 -0.37 0.00	33.09 -0.60 0.00	32.19 -0.53 0.00	30.29 -0.46 0.00	26.97 -0.33 0.00	20.52 -0.23 0.00	19.15 -0.16 0.00
ROCHESTER_9_IC 23652	18.31 -0.22 0.00	18.01 -0.25 0.00	16.80 -0.30 0.00	16.89 -0.27 0.00	18.13 -0.29 0.00	20.00 -0.32 0.00	26.20 -0.19 0.00	30.48 -0.20 0.00	27.08 -0.05 0.00	22.46 -0.09 0.00	26.94 -0.05 0.00	23.03 0.18 0.00	19.91 0.14 0.00	20.25 0.03 0.00	21.12 0.04 0.00	23.20 -0.03 0.00	28.28 -0.15 0.00	34.77 -0.14 0.00	33.32 -0.38 0.00	32.40 -0.32 0.00	30.48 -0.27 0.00	27.13 -0.18 0.00	20.62 -0.12 0.00	19.25 -0.06 0.00
ROCKVIEW_13_KV_LD 356306	19.46 0.94 0.00	19.09 0.84 0.00	17.92 0.81 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.40 1.07 0.00	28.31 1.42 -0.50	32.43 1.68 -0.07	29.21 1.50 -0.59	23.91 1.29 -0.07	29.10 1.58 -0.53	24.47 1.38 -0.24	21.02 1.24 -0.01	21.53 1.28 -0.02	22.45 1.38 0.00	24.99 1.63 -0.12	30.99 1.92 -0.64	38.15 2.23 -1.00	35.71 2.01 0.00	34.63 1.91 0.00	32.66 1.79 -0.13	29.13 1.45 -0.38	21.97 1.18 -0.05	20.42 1.11 -0.01
ROME____115KV_TB2 80656	19.16 0.64 0.00	18.87 0.62 0.00	17.65 0.55 0.00	17.71 0.55 0.00	19.05 0.63 0.00	21.11 0.78 0.00	27.53 1.14 0.00	31.83 1.15 0.00	27.97 0.85 0.00	23.09 0.54 0.00	27.55 0.55 0.00	23.25 0.40 0.00	20.10 0.33 0.00	20.53 0.31 0.00	21.40 0.33 0.00	23.66 0.42 0.00	29.37 0.94 0.00	36.09 1.18 0.00	34.98 1.29 0.00	33.99 1.27 0.00	31.79 1.05 0.00	28.30 0.99 0.00	21.36 0.62 0.00	19.89 0.58 0.00
ROSETON___1 23587	19.27 0.75 0.00	18.92 0.66 0.00	17.75 0.65 0.00	17.80 0.64 0.00	19.16 0.73 0.00	21.19 0.86 0.00	27.94 1.11 -0.44	32.09 1.35 -0.06	28.82 1.18 -0.51	23.62 1.01 -0.06	28.67 1.21 -0.47	24.12 1.06 -0.21	20.73 0.95 -0.01	21.24 0.99 -0.02	22.14 1.07 0.00	24.62 1.28 -0.10	30.51 1.52 -0.56	37.57 1.78 -0.88	35.31 1.61 0.00	34.24 1.52 0.00	32.26 1.41 -0.11	28.75 1.11 -0.33	21.70 0.92 -0.04	20.18 0.87 -0.01
ROSETON___2 23588	19.27 0.75 0.00	18.92 0.66 0.00	17.75 0.65 0.00	17.80 0.64 0.00	19.16 0.73 0.00	21.19 0.86 0.00	27.94 1.11 -0.44	32.09 1.35 -0.06	28.82 1.18 -0.51	23.62 1.01 -0.06	28.67 1.21 -0.47	24.12 1.06 -0.21	20.73 0.95 -0.01	21.24 0.99 -0.02	22.14 1.07 0.00	24.62 1.28 -0.10	30.51 1.52 -0.56	37.57 1.78 -0.88	35.31 1.61 0.00	34.24 1.52 0.00	32.26 1.41 -0.11	28.75 1.11 -0.33	21.70 0.92 -0.04	20.18 0.87 -0.01
ROTTTRDAM_115KV_TB3 80664	19.14 0.62 0.00	18.84 0.59 0.00	17.66 0.56 0.00	17.73 0.57 0.00	19.06 0.63 0.00	21.07 0.74 0.00	27.02 1.01 0.39	31.83 1.21 0.05	27.72 1.05 0.46	23.35 0.85 0.05	27.54 0.97 0.42	23.46 0.80 0.18	20.45 0.69 0.01	20.91 0.70 0.02	21.80 0.73 0.00	23.98 0.84 0.09	28.97 1.03 0.49	35.49 1.36 0.78	34.98 1.28 0.00	33.96 1.24 0.00	31.78 1.13 0.09	27.93 0.90 0.28	21.42 0.72 0.04	19.96 0.66 0.00
RUSSELL___1 23602	18.38 -0.14 0.00	18.08 -0.18 0.00	16.86 -0.24 0.00	16.95 -0.21 0.00	18.20 -0.22 0.00	20.08 -0.25 0.00	26.31 -0.09 0.00	30.63 -0.05 0.00	27.21 0.09 0.00	22.58 0.02 0.00	27.07 0.08 0.00	23.14 0.29 0.00	20.00 0.23 0.00	20.34 0.12 0.00	21.22 0.15 0.00	23.32 0.08 0.00	28.43 0.00 0.00	34.96 0.05 0.00	33.50 -0.19 0.00	32.59 -0.14 0.00	30.66 -0.09 0.00	27.26 -0.05 0.00	20.72 -0.02 0.00	19.33 0.02 0.00

RUSSELL___2 23532	18.38 -0.14 0.00	18.08 -0.18 0.00	16.86 -0.24 0.00	16.95 -0.21 0.00	18.20 -0.22 0.00	20.08 -0.25 0.00	26.31 -0.09 0.00	30.63 -0.05 0.00	27.21 0.09 0.00	22.58 0.02 0.00	27.07 0.08 0.00	23.14 0.29 0.00	20.00 0.23 0.00	20.34 0.12 0.00	21.22 0.15 0.00	23.32 0.08 0.00	28.43 0.00 0.00	34.96 0.05 0.00	33.50 -0.19 0.00	32.59 -0.14 0.00	30.66 -0.09 0.00	27.26 -0.05 0.00	20.72 -0.02 0.00	19.33 0.02 0.00
RUSSELL___3 23549	18.38 -0.14 0.00	18.08 -0.18 0.00	16.86 -0.24 0.00	16.95 -0.21 0.00	18.20 -0.22 0.00	20.08 -0.25 0.00	26.31 -0.09 0.00	30.63 -0.05 0.00	27.21 0.09 0.00	22.58 0.02 0.00	27.07 0.08 0.00	23.14 0.29 0.00	20.00 0.23 0.00	20.34 0.12 0.00	21.22 0.15 0.00	23.32 0.08 0.00	28.43 0.00 0.00	34.96 0.05 0.00	33.50 -0.19 0.00	32.59 -0.14 0.00	30.66 -0.09 0.00	27.26 -0.05 0.00	20.72 -0.02 0.00	19.33 0.02 0.00
RUSSELL___4 23556	18.38 -0.14 0.00	18.08 -0.18 0.00	16.86 -0.24 0.00	16.95 -0.21 0.00	18.20 -0.22 0.00	20.08 -0.25 0.00	26.31 -0.09 0.00	30.63 -0.05 0.00	27.21 0.09 0.00	22.58 0.02 0.00	27.07 0.08 0.00	23.14 0.29 0.00	20.00 0.23 0.00	20.34 0.12 0.00	21.22 0.15 0.00	23.32 0.08 0.00	28.43 0.00 0.00	34.96 0.05 0.00	33.50 -0.19 0.00	32.59 -0.14 0.00	30.66 -0.09 0.00	27.26 -0.05 0.00	20.72 -0.02 0.00	19.33 0.02 0.00
RUSSELL___STATION 23914	18.38 -0.14 0.00	18.08 -0.18 0.00	16.86 -0.24 0.00	16.95 -0.21 0.00	18.20 -0.22 0.00	20.08 -0.25 0.00	26.31 -0.09 0.00	30.63 -0.05 0.00	27.21 0.09 0.00	22.58 0.02 0.00	27.07 0.08 0.00	23.14 0.29 0.00	20.00 0.23 0.00	20.34 0.12 0.00	21.22 0.15 0.00	23.32 0.08 0.00	28.43 0.00 0.00	34.96 0.05 0.00	33.50 -0.19 0.00	32.59 -0.14 0.00	30.66 -0.09 0.00	27.26 -0.05 0.00	20.72 -0.02 0.00	19.33 0.02 0.00
S SALMON___HYD 24043	18.37 -0.15 0.00	18.07 -0.18 0.00	16.92 -0.18 0.00	16.97 -0.19 0.00	18.24 -0.18 0.00	20.19 -0.14 0.00	26.67 0.27 0.00	30.87 0.19 0.00	27.21 0.09 0.00	22.55 0.00 0.00	26.90 -0.09 0.00	22.68 -0.17 0.00	19.63 -0.13 0.00	20.06 -0.16 0.00	20.98 -0.09 0.00	23.07 -0.16 0.00	28.57 0.14 0.00	35.20 0.30 0.00	33.97 0.27 0.00	33.02 0.29 0.00	30.45 -0.29 0.00	26.92 -0.39 0.00	20.34 -0.40 0.00	18.94 -0.37 0.00
S.PERRY___115KV_TB1 80734	18.85 0.33 0.00	18.54 0.29 0.00	17.24 0.14 0.00	17.29 0.13 0.00	18.61 0.19 0.00	20.51 0.18 0.00	27.04 0.65 0.00	31.52 0.84 0.00	27.99 0.87 0.00	22.86 0.30 0.00	27.46 0.47 0.00	23.43 0.58 0.00	20.26 0.49 0.00	20.56 0.34 0.00	21.40 0.34 0.00	23.49 0.25 0.00	28.69 0.26 0.00	35.71 0.80 0.00	34.23 0.53 0.00	33.24 0.51 0.00	31.17 0.42 0.00	27.77 0.46 0.00	21.13 0.40 0.00	19.71 0.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.88 -0.64 0.00	17.59 -0.66 0.00	16.36 -0.74 0.00	16.47 -0.69 0.00	17.67 -0.76 0.00	19.43 -0.90 0.00	25.48 -0.91 0.00	29.49 -1.19 0.00	26.34 -0.78 0.00	21.97 -0.59 0.00	26.46 -0.53 0.00	22.82 -0.03 0.00	19.76 -0.01 0.00	20.02 -0.20 0.00	20.79 -0.28 0.00	22.73 -0.51 0.00	27.49 -0.94 0.00	33.73 -1.18 0.00	32.05 -1.64 0.00	31.20 -1.52 0.00	29.40 -1.34 0.00	26.31 -1.00 0.00	20.11 -0.62 0.00	18.92 -0.39 0.00
SAWYER___23_KV_LOAD 55526	17.88 -0.64 0.00	17.59 -0.66 0.00	16.36 -0.74 0.00	16.47 -0.69 0.00	17.67 -0.76 0.00	19.43 -0.90 0.00	25.48 -0.91 0.00	29.49 -1.19 0.00	26.34 -0.78 0.00	21.97 -0.59 0.00	26.46 -0.53 0.00	22.82 -0.03 0.00	19.76 -0.01 0.00	20.02 -0.20 0.00	20.79 -0.28 0.00	22.73 -0.51 0.00	27.49 -0.94 0.00	33.73 -1.18 0.00	32.05 -1.64 0.00	31.20 -1.52 0.00	29.40 -1.34 0.00	26.31 -1.00 0.00	20.11 -0.62 0.00	18.92 -0.39 0.00
SELKIRK___I 23801	19.02 0.50 0.00	18.73 0.48 0.00	17.59 0.49 0.00	17.65 0.49 0.00	18.98 0.56 0.00	20.99 0.66 0.00	26.93 0.86 0.33	31.66 1.03 0.05	27.62 0.87 0.38	23.19 0.68 0.05	27.41 0.76 0.35	23.31 0.62 0.15	20.31 0.56 0.01	20.76 0.55 0.02	21.69 0.62 0.00	23.87 0.71 0.08	28.91 0.90 0.41	35.44 1.19 0.66	34.81 1.11 0.00	33.78 1.05 0.00	31.61 0.94 0.08	27.76 0.70 0.24	21.29 0.58 0.03	19.85 0.54 0.00
SELKIRK___II 23799	18.89 0.36 0.00	18.59 0.34 0.00	17.45 0.35 0.00	17.51 0.35 0.00	18.83 0.41 0.00	20.82 0.49 0.00	26.64 0.63 0.38	31.40 0.78 0.05	27.34 0.67 0.45	23.01 0.51 0.05	27.16 0.57 0.41	23.14 0.47 0.18	20.18 0.42 0.01	20.65 0.45 0.02	21.56 0.49 0.00	23.73 0.59 0.09	28.68 0.73 0.48	35.09 0.94 0.77	34.57 0.87 0.00	33.56 0.83 0.00	31.39 0.74 0.09	27.54 0.52 0.28	21.15 0.45 0.04	19.72 0.42 0.00
SENECA OSWGO___HYD 24041	18.33 -0.19 0.00	18.04 -0.21 0.00	16.88 -0.21 0.00	16.94 -0.22 0.00	18.20 -0.22 0.00	20.10 -0.23 0.00	26.90 0.51 0.00	31.22 0.54 0.00	27.54 0.41 0.00	22.83 0.27 0.00	27.24 0.24 0.00	23.08 0.23 0.00	19.99 0.23 0.00	20.43 0.21 0.00	21.30 0.23 0.00	23.52 0.28 0.00	28.88 0.45 0.00	35.53 0.62 0.00	34.22 0.52 0.00	33.25 0.53 0.00	30.49 -0.25 0.00	27.06 -0.25 0.00	20.55 -0.20 0.00	19.10 -0.20 0.00
SENECA___115KV_TB3 355854	18.14 -0.39 0.00	17.82 -0.42 0.00	16.58 -0.52 0.00	16.69 -0.47 0.00	17.91 -0.51 0.00	19.71 -0.62 0.00	25.88 -0.51 0.00	30.00 -0.68 0.00	26.77 -0.35 0.00	22.33 -0.23 0.00	26.87 -0.12 0.00	23.17 0.32 0.00	20.06 0.28 0.00	20.31 0.09 0.00	21.10 0.03 0.00	23.10 -0.14 0.00	27.95 -0.48 0.00	34.31 -0.60 0.00	32.61 -1.08 0.00	31.71 -1.02 0.00	29.85 -0.89 0.00	26.68 -0.62 0.00	20.38 -0.36 0.00	19.14 -0.17 0.00
SENECA___ENERGY 23797	18.53 0.01 0.00	18.20 -0.06 0.00	17.00 -0.11 0.00	17.08 -0.08 0.00	18.37 -0.05 0.00	20.27 -0.06 0.00	26.54 0.15 0.00	30.93 0.25 0.00	27.36 0.23 0.00	22.67 0.12 0.00	27.04 0.05 0.00	23.02 0.17 0.00	19.92 0.16 0.00	20.31 0.09 0.00	21.19 0.12 0.00	23.39 0.15 0.00	28.51 0.08 0.00	35.06 0.15 0.00	33.72 0.02 0.00	32.77 0.04 0.00	30.77 0.03 0.00	27.34 0.04 0.00	20.75 0.01 0.00	19.32 0.02 0.00
SHOEMAKER___GT 23640	19.26 0.74 0.00	18.92 0.66 0.00	17.74 0.64 0.00	17.79 0.63 0.00	19.14 0.72 0.00	21.17 0.84 0.00	27.88 1.13 -0.37	32.15 1.42 -0.05	28.80 1.25 -0.42	23.63 1.03 -0.05	28.57 1.19 -0.38	24.05 1.03 -0.17	20.71 0.94 -0.01	21.22 0.99 -0.02	22.12 1.04 0.00	24.59 1.27 -0.09	30.42 1.53 -0.46	37.48 1.84 -0.73	35.35 1.66 0.00	34.30 1.58 0.00	32.31 1.47 -0.09	28.73 1.15 -0.27	21.70 0.93 -0.03	20.18 0.87 0.00
SHOEMAKR_138KV_BK 111 55601	19.25 0.73 0.00	18.90 0.65 0.00	17.73 0.63 0.00	17.78 0.62 0.00	19.13 0.71 0.00	21.16 0.83 0.00	27.87 1.12 -0.36	32.09 1.36 -0.05	28.76 1.22 -0.42	23.61 1.00 -0.05	28.55 1.18 -0.38	24.04 1.02 -0.17	20.71 0.93 -0.01	21.21 0.97 -0.02	22.11 1.03 0.00	24.58 1.26 -0.08	30.40 1.51 -0.46	37.44 1.81 -0.72	35.33 1.63 0.00	34.27 1.54 0.00	32.28 1.44 -0.09	28.72 1.14 -0.27	21.70 0.92 -0.03	20.18 0.87 0.00

SHOREHAM_IC_1 23715	28.92 1.78 -8.61	19.86 1.61 0.00	18.58 1.48 0.00	18.67 1.52 0.00	20.12 1.70 0.00	22.33 2.00 0.00	29.28 2.39 -0.51	51.21 2.63 -17.91	30.17 2.44 -0.60	24.66 2.04 -0.07	30.37 2.84 -0.54	25.48 2.40 -0.24	20.29 2.04 1.52	22.55 2.30 -0.03	23.61 2.47 -0.07	28.00 2.85 -1.91	32.50 3.42 -0.65	72.20 3.74 -33.54	62.55 3.36 -25.49	46.35 3.26 -10.36	35.48 3.32 -1.41	32.81 2.59 -2.91	28.59 2.10 -5.75	21.29 1.97 -0.01
SHOREHAM_IC_2 23716	28.92 1.78 -8.61	19.86 1.61 0.00	18.58 1.48 0.00	18.67 1.52 0.00	20.12 1.70 0.00	22.33 2.00 0.00	29.28 2.39 -0.51	51.21 2.63 -17.91	30.17 2.44 -0.60	24.66 2.04 -0.07	30.37 2.84 -0.54	25.48 2.40 -0.24	20.29 2.04 1.52	22.55 2.30 -0.03	23.61 2.47 -0.07	28.00 2.85 -1.91	32.50 3.42 -0.65	72.20 3.74 -33.54	62.55 3.36 -25.49	46.35 3.26 -10.36	35.48 3.32 -1.41	32.81 2.59 -2.91	28.59 2.10 -5.75	21.29 1.97 -0.01
SISSONVILLE____ 23735	18.55 0.03 0.00	18.35 0.10 0.00	17.17 0.07 0.00	17.21 0.05 0.00	18.46 0.03 0.00	20.39 0.06 0.00	26.52 0.12 0.00	30.78 0.10 0.00	27.14 0.02 0.00	22.56 0.01 0.00	27.06 0.07 0.00	22.64 -0.21 0.00	19.29 -0.48 0.00	19.80 -0.42 0.00	20.61 -0.46 0.00	22.67 -0.57 0.00	27.72 -0.71 0.00	34.16 -0.75 0.00	33.25 -0.45 0.00	32.28 -0.44 0.00	30.38 -0.37 0.00	27.22 -0.08 0.00	20.62 -0.11 0.00	19.20 -0.11 0.00
SITHE_IND_GS1 24169	18.08 -0.44 0.00	17.81 -0.44 0.00	16.67 -0.43 0.00	16.73 -0.43 0.00	17.96 -0.46 0.00	19.77 -0.55 0.00	25.68 -0.72 0.00	29.82 -0.86 0.00	26.39 -0.74 0.00	21.92 -0.64 0.00	26.21 -0.78 0.00	22.23 -0.62 0.00	19.26 -0.52 0.00	19.67 -0.55 0.00	20.50 -0.57 0.00	22.61 -0.62 0.00	27.65 -0.78 0.00	33.98 -0.93 0.00	32.71 -0.98 0.00	31.79 -0.93 0.00	29.88 -0.86 0.00	26.67 -0.63 0.00	20.26 -0.47 0.00	18.87 -0.44 0.00
SITHE_IND_GS2 24170	18.08 -0.44 0.00	17.81 -0.44 0.00	16.67 -0.43 0.00	16.73 -0.43 0.00	17.96 -0.46 0.00	19.77 -0.55 0.00	25.68 -0.72 0.00	29.82 -0.86 0.00	26.39 -0.74 0.00	21.92 -0.64 0.00	26.21 -0.78 0.00	22.23 -0.62 0.00	19.26 -0.52 0.00	19.67 -0.55 0.00	20.50 -0.57 0.00	22.61 -0.62 0.00	27.65 -0.78 0.00	33.98 -0.93 0.00	32.71 -0.98 0.00	31.79 -0.93 0.00	29.88 -0.86 0.00	26.67 -0.63 0.00	20.26 -0.47 0.00	18.87 -0.44 0.00
SITHE_IND_GS3 24171	18.08 -0.44 0.00	17.81 -0.44 0.00	16.67 -0.43 0.00	16.73 -0.43 0.00	17.96 -0.46 0.00	19.77 -0.55 0.00	25.68 -0.72 0.00	29.82 -0.86 0.00	26.39 -0.74 0.00	21.92 -0.64 0.00	26.21 -0.78 0.00	22.23 -0.62 0.00	19.26 -0.52 0.00	19.67 -0.55 0.00	20.50 -0.57 0.00	22.61 -0.62 0.00	27.65 -0.78 0.00	33.98 -0.93 0.00	32.71 -0.98 0.00	31.79 -0.93 0.00	29.88 -0.86 0.00	26.67 -0.63 0.00	20.26 -0.47 0.00	18.87 -0.44 0.00
SITHE_IND_GS4 24172	18.08 -0.44 0.00	17.81 -0.44 0.00	16.67 -0.43 0.00	16.73 -0.43 0.00	17.96 -0.46 0.00	19.77 -0.55 0.00	25.68 -0.72 0.00	29.82 -0.86 0.00	26.39 -0.74 0.00	21.92 -0.64 0.00	26.21 -0.78 0.00	22.23 -0.62 0.00	19.26 -0.52 0.00	19.67 -0.55 0.00	20.50 -0.57 0.00	22.61 -0.62 0.00	27.65 -0.78 0.00	33.98 -0.93 0.00	32.71 -0.98 0.00	31.79 -0.93 0.00	29.88 -0.86 0.00	26.67 -0.63 0.00	20.26 -0.47 0.00	18.87 -0.44 0.00
SITHE____BATAVIA 24024	18.36 -0.17 0.00	18.04 -0.21 0.00	16.82 -0.28 0.00	16.92 -0.24 0.00	18.15 -0.27 0.00	20.05 -0.28 0.00	26.35 -0.04 0.00	30.56 -0.12 0.00	27.24 0.12 0.00	22.54 -0.01 0.00	27.06 0.07 0.00	23.26 0.41 0.00	20.04 0.27 0.00	20.39 0.17 0.00	21.03 -0.04 0.00	22.97 -0.27 0.00	28.22 -0.21 0.00	34.63 -0.28 0.00	32.68 -1.02 0.00	31.93 -0.80 0.00	30.47 -0.27 0.00	27.20 -0.10 0.00	20.72 -0.02 0.00	19.40 0.10 0.00
SITHE____INDEPEND 23800	18.08 -0.44 0.00	17.81 -0.44 0.00	16.67 -0.43 0.00	16.73 -0.43 0.00	17.96 -0.46 0.00	19.77 -0.56 0.00	25.68 -0.72 0.00	29.83 -0.85 0.00	26.39 -0.74 0.00	21.92 -0.64 0.00	26.21 -0.78 0.00	22.23 -0.62 0.00	19.26 -0.52 0.00	19.67 -0.55 0.00	20.50 -0.57 0.00	22.61 -0.62 0.00	27.65 -0.78 0.00	33.97 -0.94 0.00	32.71 -0.98 0.00	31.79 -0.94 0.00	29.88 -0.86 0.00	26.67 -0.64 0.00	20.26 -0.47 0.00	18.87 -0.44 0.00
SITHE____MASSENA 23902	18.56 0.03 0.00	18.35 0.10 0.00	17.18 0.07 0.00	17.23 0.07 0.00	18.45 0.03 0.00	20.36 0.03 0.00	26.44 0.05 0.00	30.72 0.04 0.00	27.13 0.00 0.00	22.59 0.03 0.00	27.10 0.11 0.00	22.84 -0.01 0.00	19.66 -0.11 0.00	20.16 -0.06 0.00	20.98 -0.09 0.00	23.07 -0.16 0.00	28.18 -0.25 0.00	34.65 -0.26 0.00	33.66 -0.04 0.00	32.67 -0.05 0.00	30.73 -0.01 0.00	27.38 0.07 0.00	20.75 0.01 0.00	19.31 0.00 0.00
SITHE____OGDNSBRG 24021	18.78 0.26 0.00	18.57 0.32 0.00	17.38 0.28 0.00	17.43 0.26 0.00	18.68 0.26 0.00	20.64 0.31 0.00	26.88 0.49 0.00	31.25 0.57 0.00	27.55 0.42 0.00	22.79 0.23 0.00	27.34 0.35 0.00	22.96 0.11 0.00	19.69 -0.08 0.00	20.22 0.00 0.00	21.06 -0.02 0.00	23.22 -0.02 0.00	28.33 -0.10 0.00	34.93 0.02 0.00	34.04 0.34 0.00	33.07 0.34 0.00	31.10 0.36 0.00	27.77 0.46 0.00	21.01 0.27 0.00	19.53 0.22 0.00
SITHE____STERLING 23777	19.08 0.56 0.00	18.78 0.53 0.00	17.58 0.47 0.00	17.62 0.47 0.00	18.96 0.54 0.00	20.98 0.65 0.00	27.35 0.96 0.00	31.65 0.97 0.00	27.88 0.76 0.00	23.02 0.47 0.00	27.46 0.47 0.00	23.22 0.37 0.00	20.09 0.32 0.00	20.52 0.30 0.00	21.39 0.32 0.00	23.65 0.41 0.00	29.26 0.83 0.00	35.95 1.04 0.00	34.80 1.11 0.00	33.82 1.09 0.00	31.69 0.94 0.00	28.19 0.89 0.00	21.32 0.58 0.00	19.84 0.53 0.00
SLEIGHT__34_KV_TB1 80719	18.34 -0.18 0.00	18.02 -0.23 0.00	16.83 -0.27 0.00	16.92 -0.24 0.00	18.19 -0.23 0.00	20.07 -0.26 0.00	26.27 -0.12 0.00	30.56 -0.12 0.00	27.06 -0.07 0.00	22.43 -0.13 0.00	26.83 -0.15 0.00	22.87 0.02 0.00	19.79 0.02 0.00	20.15 -0.07 0.00	21.02 -0.05 0.00	23.18 -0.06 0.00	28.28 -0.15 0.00	34.79 -0.12 0.00	33.41 -0.29 0.00	32.47 -0.25 0.00	30.52 -0.22 0.00	27.17 -0.14 0.00	20.60 -0.14 0.00	19.21 -0.10 0.00
SOUTH CAIRO____GT 23612	19.39 0.87 0.00	19.08 0.83 0.00	17.91 0.80 0.00	17.98 0.82 0.00	19.35 0.93 0.00	21.47 1.14 0.00	27.82 1.67 0.24	32.76 2.11 0.03	28.66 1.81 0.28	23.80 1.27 0.03	28.13 1.40 0.26	23.68 0.94 0.11	20.46 0.69 0.01	20.88 0.67 0.01	21.79 0.72 0.00	24.07 0.89 0.06	29.46 1.34 0.31	36.66 2.24 0.49	35.95 2.25 0.00	34.89 2.16 0.00	32.65 1.97 0.06	28.67 1.54 0.17	21.84 1.12 0.02	20.27 0.97 0.00
SOUTH HAMPTN____IC 23720	29.49 2.03 -8.94	20.10 1.84 0.00	18.81 1.71 0.00	18.90 1.74 0.00	20.37 1.95 0.00	22.62 2.29 -0.01	29.70 2.81 -0.51	51.85 3.23 -17.94	30.75 3.02 -0.60	25.14 2.51 -0.07	30.92 3.39 -0.54	25.96 2.87 -0.24	20.68 2.44 1.53	22.97 2.72 -0.03	24.06 2.93 -0.06	28.49 3.37 -1.88	33.14 4.06 -0.65	71.58 4.55 -32.13	60.97 4.10 -23.17	46.61 3.96 -9.93	36.11 3.99 -1.37	33.22 3.04 -2.88	28.89 2.41 -5.74	21.56 2.24 -0.01

SOUTHDOWN_115KV_TB1 355954	18.73 0.20 0.00	18.35 0.10 0.00	17.06 -0.04 0.00	17.20 0.04 0.00	18.55 0.13 0.00	20.44 0.11 0.00	26.99 0.60 0.00	31.45 0.78 0.00	28.00 0.87 0.00	23.37 0.82 0.00	28.10 1.11 0.00	24.23 1.38 0.00	20.85 1.08 0.00	21.16 0.94 0.00	22.05 0.98 0.00	24.20 0.96 0.00	29.22 0.79 0.00	35.94 1.03 0.00	34.12 0.42 0.00	33.07 0.35 0.00	31.06 0.32 0.00	27.72 0.42 0.00	21.01 0.27 0.00	19.62 0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	29.68 2.23 -8.93	20.28 2.03 0.00	18.98 1.88 0.00	19.07 1.91 0.00	20.57 2.15 0.00	22.85 2.52 -0.01	30.03 3.13 -0.51	52.17 3.56 -17.93	31.15 3.42 -0.60	25.47 2.84 -0.07	31.30 3.78 -0.54	26.29 3.21 -0.24	20.99 2.75 1.53	23.25 3.00 -0.03	24.34 3.21 -0.06	28.83 3.71 -1.88	33.57 4.49 -0.65	72.15 5.10 -32.14	61.55 4.65 -23.20	47.11 4.46 -9.93	36.62 4.51 -1.37	33.58 3.39 -2.88	29.15 2.67 -5.74	21.78 2.46 -0.01
SOUTHOLD___IC 23719	29.68 2.23 -8.93	20.28 2.03 0.00	18.98 1.88 0.00	19.07 1.91 0.00	20.57 2.15 0.00	22.85 2.51 -0.01	30.03 3.13 -0.51	52.28 3.67 -17.93	31.15 3.42 -0.60	25.47 2.84 -0.07	31.30 3.78 -0.54	26.29 3.21 -0.24	20.95 2.72 1.53	23.25 3.00 -0.03	24.34 3.21 -0.06	28.82 3.71 -1.88	33.57 4.49 -0.65	72.15 5.10 -32.14	61.55 4.65 -23.20	47.12 4.47 -9.93	36.58 4.47 -1.37	33.57 3.39 -2.88	29.15 2.67 -5.74	21.78 2.46 -0.01
SPIERFLS_115KV_TB 1 80737	19.48 0.96 0.00	19.21 0.96 0.00	17.91 0.81 0.00	18.12 0.96 0.00	19.48 1.06 0.00	21.61 1.28 0.00	27.95 2.03 0.48	33.12 2.50 0.07	28.79 2.22 0.56	24.27 1.78 0.07	28.61 2.13 0.50	24.35 1.73 0.22	21.09 1.33 0.01	21.60 1.40 0.02	22.42 1.35 0.00	24.43 1.30 0.11	29.54 1.71 0.60	36.29 2.33 0.95	35.89 2.20 0.00	34.84 2.11 0.00	32.49 1.86 0.11	28.31 1.34 0.34	21.78 1.08 0.04	20.27 0.97 0.01
ST LAWRENCE____ 23600	18.35 -0.17 0.00	18.15 -0.10 0.00	16.99 -0.11 0.00	17.04 -0.12 0.00	18.24 -0.18 0.00	20.13 -0.20 0.00	26.12 -0.27 0.00	30.37 -0.31 0.00	26.85 -0.28 0.00	22.36 -0.19 0.00	26.83 -0.16 0.00	22.63 -0.22 0.00	19.52 -0.25 0.00	20.01 -0.21 0.00	20.83 -0.24 0.00	22.90 -0.34 0.00	27.99 -0.45 0.00	34.36 -0.55 0.00	33.36 -0.34 0.00	32.38 -0.34 0.00	30.46 -0.28 0.00	27.09 -0.21 0.00	20.54 -0.20 0.00	19.11 -0.20 0.00
STATE_CA_115KV_115_LB 55624	18.81 0.29 0.00	18.51 0.26 0.00	17.39 0.29 0.00	17.44 0.28 0.00	18.76 0.34 0.00	20.77 0.44 0.00	26.44 0.58 0.53	31.34 0.74 0.07	27.12 0.62 0.62	22.96 0.48 0.07	26.93 0.51 0.56	23.00 0.40 0.25	20.13 0.37 0.01	20.60 0.41 0.03	21.51 0.45 0.00	23.65 0.54 0.13	28.46 0.70 0.67	34.80 0.94 1.05	34.56 0.86 0.00	33.53 0.80 0.00	31.38 0.76 0.12	27.46 0.52 0.37	21.13 0.44 0.05	19.71 0.40 0.01
STATE_ST_34_KV_LOAD 55959	18.83 0.31 0.00	18.47 0.21 0.00	17.26 0.16 0.00	17.40 0.24 0.00	18.69 0.27 0.00	20.65 0.32 0.00	26.90 0.50 0.00	31.40 0.73 0.00	27.84 0.71 0.00	23.06 0.51 0.00	27.52 0.53 0.00	23.39 0.54 0.00	20.24 0.47 0.00	20.63 0.41 0.00	21.56 0.49 0.00	23.83 0.59 0.00	29.11 0.69 0.00	35.81 0.91 0.00	34.44 0.75 0.00	33.44 0.71 0.00	31.48 0.74 0.00	27.81 0.50 0.00	21.03 0.29 0.00	19.62 0.31 0.00
STATION 5_MISC_HYD 23604	18.31 -0.22 0.00	18.01 -0.25 0.00	16.80 -0.29 0.00	16.89 -0.27 0.00	18.13 -0.29 0.00	20.01 -0.32 0.00	26.20 -0.19 0.00	30.47 -0.22 0.00	27.08 -0.05 0.00	22.46 -0.09 0.00	26.93 -0.06 0.00	23.03 0.18 0.00	19.90 0.14 0.00	20.25 0.03 0.00	21.12 0.04 0.00	23.21 -0.03 0.00	28.27 -0.16 0.00	34.76 -0.15 0.00	33.32 -0.38 0.00	32.40 -0.32 0.00	30.48 -0.26 0.00	27.13 -0.18 0.00	20.62 -0.12 0.00	19.25 -0.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.53 0.00 0.00	18.22 -0.04 0.00	17.01 -0.09 0.00	17.09 -0.07 0.00	18.37 -0.05 0.00	20.28 -0.05 0.00	26.58 0.19 0.00	30.92 0.24 0.00	27.39 0.26 0.00	22.70 0.14 0.00	27.16 0.17 0.00	23.17 0.32 0.00	20.03 0.25 0.00	20.38 0.16 0.00	21.27 0.20 0.00	23.42 0.18 0.00	28.59 0.16 0.00	35.15 0.24 0.00	33.76 0.06 0.00	32.83 0.10 0.00	30.83 0.08 0.00	27.44 0.13 0.00	20.83 0.10 0.00	19.41 0.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.22 -0.30 0.00	17.92 -0.33 0.00	16.73 -0.37 0.00	16.81 -0.35 0.00	18.06 -0.37 0.00	19.91 -0.42 0.00	26.08 -0.32 0.00	30.34 -0.34 0.00	26.92 -0.21 0.00	22.34 -0.21 0.00	26.79 -0.20 0.00	22.90 0.05 0.00	19.80 0.03 0.00	20.14 -0.08 0.00	21.01 -0.06 0.00	23.10 -0.14 0.00	28.16 -0.27 0.00	34.62 -0.29 0.00	33.19 -0.51 0.00	32.27 -0.45 0.00	30.35 -0.40 0.00	27.02 -0.29 0.00	20.53 -0.21 0.00	19.15 -0.16 0.00
STA_56___34_KV_BUS2 355983	18.22 -0.30 0.00	17.92 -0.33 0.00	16.73 -0.37 0.00	16.81 -0.35 0.00	18.06 -0.37 0.00	19.91 -0.42 0.00	26.08 -0.32 0.00	30.34 -0.34 0.00	26.92 -0.21 0.00	22.34 -0.21 0.00	26.79 -0.20 0.00	22.90 0.05 0.00	19.80 0.03 0.00	20.14 -0.08 0.00	21.01 -0.06 0.00	23.10 -0.14 0.00	28.16 -0.27 0.00	34.62 -0.29 0.00	33.19 -0.51 0.00	32.27 -0.45 0.00	30.35 -0.40 0.00	27.02 -0.29 0.00	20.53 -0.21 0.00	19.15 -0.16 0.00
STA_67___115KV_BK2 355882	18.27 -0.25 0.00	17.97 -0.28 0.00	16.78 -0.33 0.00	16.86 -0.30 0.00	18.10 -0.32 0.00	19.96 -0.36 0.00	26.14 -0.25 0.00	30.40 -0.28 0.00	27.01 -0.11 0.00	22.41 -0.14 0.00	26.88 -0.11 0.00	22.98 0.13 0.00	19.86 0.09 0.00	20.21 -0.01 0.00	21.06 -0.01 0.00	23.15 -0.09 0.00	28.20 -0.22 0.00	34.68 -0.23 0.00	33.23 -0.47 0.00	32.32 -0.40 0.00	30.41 -0.34 0.00	27.07 -0.23 0.00	20.58 -0.16 0.00	19.21 -0.10 0.00
STA_7___115KV_9TRANS 80674	18.38 -0.14 0.00	18.08 -0.18 0.00	16.86 -0.24 0.00	16.95 -0.21 0.00	18.20 -0.22 0.00	20.08 -0.25 0.00	26.31 -0.09 0.00	30.63 -0.05 0.00	27.21 0.09 0.00	22.58 0.02 0.00	27.07 0.08 0.00	23.14 0.29 0.00	20.00 0.23 0.00	20.34 0.12 0.00	21.22 0.15 0.00	23.32 0.08 0.00	28.43 0.00 0.00	34.96 0.05 0.00	33.50 -0.19 0.00	32.59 -0.14 0.00	30.66 -0.09 0.00	27.26 -0.05 0.00	20.72 -0.02 0.00	19.33 0.02 0.00
STA_82___115KV_TB1 80780	18.28 -0.24 0.00	17.98 -0.27 0.00	16.78 -0.32 0.00	16.87 -0.29 0.00	18.11 -0.31 0.00	19.97 -0.36 0.00	26.15 -0.24 0.00	30.43 -0.25 0.00	27.03 -0.10 0.00	22.43 -0.13 0.00	26.90 -0.09 0.00	23.00 0.15 0.00	19.87 0.10 0.00	20.22 0.00 0.00	21.08 0.00 0.00	23.15 -0.08 0.00	28.22 -0.21 0.00	34.71 -0.21 0.00	33.25 -0.45 0.00	32.34 -0.39 0.00	30.43 -0.32 0.00	27.08 -0.22 0.00	20.59 -0.15 0.00	19.23 -0.08 0.00
STEEL___WIND 323596	18.12 -0.41 0.00	17.81 -0.44 0.00	16.56 -0.54 0.00	16.67 -0.49 0.00	17.89 -0.53 0.00	19.71 -0.62 0.00	25.86 -0.54 0.00	29.93 -0.75 0.00	26.74 -0.38 0.00	22.29 -0.27 0.00	26.83 -0.16 0.00	23.14 0.29 0.00	20.03 0.26 0.00	20.28 0.06 0.00	21.07 0.00 0.00	23.09 -0.14 0.00	27.93 -0.50 0.00	34.26 -0.65 0.00	32.58 -1.11 0.00	31.68 -1.04 0.00	29.82 -0.92 0.00	26.64 -0.67 0.00	20.36 -0.38 0.00	19.12 -0.19 0.00

STEPHTWN_115KV_BK_2 55603	18.92 0.39 0.00	18.61 0.36 0.00	17.47 0.37 0.00	17.51 0.35 0.00	18.86 0.44 0.00	20.92 0.60 0.00	26.63 0.77 0.53	31.58 0.98 0.07	27.27 0.78 0.63	23.06 0.58 0.07	27.03 0.61 0.57	23.07 0.47 0.25	20.19 0.43 0.01	20.66 0.47 0.03	21.58 0.51 0.00	23.76 0.65 0.13	28.57 0.82 0.68	34.97 1.11 1.05	34.79 1.09 0.00	33.73 1.01 0.00	31.56 0.93 0.12	27.63 0.69 0.37	21.26 0.57 0.05	19.82 0.52 0.01
STEUBEN_REC_LFGE 323667	18.63 0.11 0.00	18.39 0.14 0.00	16.93 -0.17 0.00	16.98 -0.18 0.00	18.36 -0.06 0.00	19.98 -0.35 0.00	26.45 0.05 0.00	30.90 0.22 0.00	27.53 0.40 0.00	22.89 0.33 0.00	27.49 0.50 0.00	23.51 0.66 0.00	20.29 0.52 0.00	20.52 0.30 0.00	21.22 0.15 0.00	23.27 0.03 0.00	28.33 -0.10 0.00	35.16 0.25 0.00	33.55 -0.15 0.00	32.43 -0.29 0.00	30.18 -0.57 0.00	26.69 -0.62 0.00	20.56 -0.18 0.00	19.27 -0.04 0.00
STILLWATER___SOLAR 323814	19.41 0.89 0.00	19.11 0.86 0.00	17.87 0.77 0.00	17.96 0.80 0.00	19.32 0.89 0.00	21.40 1.08 0.00	27.39 1.50 0.51	32.45 1.84 0.07	28.14 1.61 0.59	23.77 1.29 0.07	27.92 1.47 0.54	23.82 1.21 0.24	20.77 1.01 0.01	21.25 1.06 0.03	22.15 1.08 0.00	24.29 1.18 0.12	29.28 1.49 0.64	35.83 1.93 1.01	35.54 1.85 0.00	34.50 1.77 0.00	32.24 1.61 0.12	28.17 1.23 0.36	21.67 0.98 0.05	20.20 0.90 0.01
STONY___BROOK 24151	27.52 1.57 -7.43	19.67 1.42 0.00	18.41 1.31 0.00	18.50 1.34 0.00	19.93 1.51 0.00	22.11 1.78 0.00	28.94 2.04 -0.51	51.78 2.22 -18.88	29.85 2.12 -0.61	24.51 1.89 -0.07	30.19 2.66 -0.54	25.34 2.25 -0.24	20.21 1.92 1.48	22.36 2.11 -0.03	23.38 2.24 -0.07	27.92 2.59 -2.10	32.15 3.06 -0.66	80.97 3.24 -42.82	75.44 2.83 -38.91	48.67 2.72 -13.23	35.25 2.82 -1.68	32.48 2.19 -2.98	28.35 1.82 -5.79	21.05 1.73 -0.01
STURGEON_POOL_HYD 23609	19.39 0.87 0.00	19.03 0.78 0.00	17.85 0.75 0.00	17.90 0.74 0.00	19.26 0.84 0.00	21.30 0.98 0.00	27.87 1.31 -0.17	32.19 1.49 -0.02	28.69 1.36 -0.20	23.70 1.13 -0.02	28.54 1.37 -0.18	24.13 1.20 -0.08	20.83 1.06 0.00	21.37 1.14 -0.01	22.27 1.20 0.00	24.75 1.48 -0.04	30.44 1.80 -0.22	37.34 2.09 -0.35	35.57 1.88 0.00	34.52 1.79 0.00	32.44 1.65 -0.04	28.83 1.40 -0.13	21.87 1.11 -0.02	20.34 1.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.31 0.79 0.00	18.95 0.70 0.00	17.77 0.67 0.00	17.82 0.66 0.00	19.18 0.76 0.00	21.23 0.90 0.00	27.97 1.19 -0.38	32.17 1.44 -0.05	28.84 1.27 -0.44	23.65 1.05 -0.05	28.64 1.25 -0.40	24.12 1.09 -0.18	20.77 1.00 -0.01	21.27 1.04 -0.02	22.18 1.11 0.00	24.67 1.35 -0.09	30.52 1.61 -0.48	37.58 1.91 -0.76	35.42 1.73 0.00	34.35 1.62 0.00	32.34 1.49 -0.09	28.83 1.24 -0.28	21.78 1.01 -0.04	20.25 0.94 0.00
SWANROAD_115KV_TB1 355699	17.50 -1.02 0.00	17.21 -1.04 0.00	16.03 -1.07 0.00	16.15 -1.02 0.00	17.29 -1.14 0.00	19.02 -1.31 0.00	24.92 -1.47 0.00	28.81 -1.87 0.00	25.77 -1.35 0.00	21.48 -1.08 0.00	25.84 -1.15 0.00	22.32 -0.52 0.00	19.33 -0.44 0.00	19.60 -0.62 0.00	20.32 -0.76 0.00	22.19 -1.05 0.00	26.80 -1.63 0.00	32.92 -1.99 0.00	31.24 -2.45 0.00	30.44 -2.29 0.00	28.74 -2.00 0.00	25.76 -1.54 0.00	19.72 -1.01 0.00	18.56 -0.75 0.00
SYNERGY___BIOGAS 323694	18.36 -0.17 0.00	18.04 -0.21 0.00	16.82 -0.28 0.00	16.92 -0.24 0.00	18.15 -0.27 0.00	20.05 -0.28 0.00	26.35 -0.04 0.00	30.56 -0.12 0.00	27.24 0.12 0.00	22.54 -0.01 0.00	27.06 0.07 0.00	23.26 0.41 0.00	20.04 0.27 0.00	20.39 0.17 0.00	21.03 -0.04 0.00	22.97 -0.27 0.00	28.22 -0.21 0.00	34.63 -0.28 0.00	32.68 -1.02 0.00	31.93 -0.80 0.00	30.47 -0.27 0.00	27.20 -0.10 0.00	20.72 -0.02 0.00	19.40 0.10 0.00
SYRACUSE___ENERGY_ST1 323597	18.63 0.11 0.00	18.33 0.08 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.50 0.08 0.00	20.42 0.09 0.00	26.74 0.35 0.00	31.07 0.39 0.00	27.43 0.31 0.00	22.75 0.19 0.00	27.16 0.17 0.00	23.09 0.24 0.00	19.98 0.21 0.00	20.39 0.17 0.00	21.28 0.21 0.00	23.50 0.26 0.00	28.75 0.32 0.00	35.33 0.42 0.00	34.01 0.31 0.00	33.03 0.30 0.00	30.90 0.15 0.00	27.50 0.20 0.00	20.86 0.13 0.00	19.43 0.12 0.00
SYRACUSE___ENERGY_ST2 323598	18.63 0.11 0.00	18.33 0.08 0.00	17.14 0.04 0.00	17.21 0.05 0.00	18.50 0.08 0.00	20.42 0.09 0.00	26.74 0.35 0.00	31.07 0.39 0.00	27.43 0.31 0.00	22.75 0.19 0.00	27.16 0.17 0.00	23.09 0.24 0.00	19.98 0.21 0.00	20.39 0.17 0.00	21.28 0.21 0.00	23.50 0.26 0.00	28.75 0.32 0.00	35.33 0.42 0.00	34.01 0.31 0.00	33.03 0.30 0.00	30.90 0.15 0.00	27.50 0.20 0.00	20.86 0.13 0.00	19.43 0.12 0.00
SYRACUSE___POWER 24017	18.59 0.07 0.00	18.29 0.04 0.00	17.11 0.01 0.00	17.18 0.02 0.00	18.45 0.03 0.00	20.35 0.02 0.00	26.58 0.19 0.00	30.89 0.21 0.00	27.31 0.18 0.00	22.65 0.09 0.00	27.04 0.05 0.00	22.96 0.11 0.00	19.88 0.12 0.00	20.29 0.07 0.00	21.18 0.10 0.00	23.40 0.17 0.00	28.61 0.18 0.00	35.17 0.27 0.00	33.85 0.15 0.00	32.89 0.16 0.00	30.83 0.08 0.00	27.43 0.13 0.00	20.83 0.09 0.00	19.38 0.08 0.00
TALLMAN__138KV_BK151 55660	19.36 0.84 0.00	18.99 0.74 0.00	17.80 0.70 0.00	17.85 0.69 0.00	19.23 0.81 0.00	21.28 0.95 0.00	28.07 1.27 -0.40	32.28 1.55 -0.06	28.97 1.38 -0.47	23.76 1.15 -0.06	28.81 1.40 -0.42	24.26 1.22 -0.19	20.88 1.10 -0.01	21.38 1.14 -0.02	22.31 1.24 0.00	24.82 1.49 -0.09	30.73 1.79 -0.51	37.84 2.13 -0.80	35.62 1.92 0.00	34.50 1.78 0.00	32.49 1.64 -0.10	28.95 1.34 -0.30	21.88 1.10 -0.04	20.34 1.02 0.00
TEALLAVE_115KV_TB7 355573	18.46 -0.06 0.00	18.16 -0.09 0.00	17.00 -0.10 0.00	17.06 -0.10 0.00	18.33 -0.09 0.00	20.20 -0.12 0.00	26.36 -0.03 0.00	30.66 -0.02 0.00	27.10 -0.02 0.00	22.49 -0.06 0.00	26.87 -0.12 0.00	22.82 -0.03 0.00	19.76 -0.01 0.00	20.17 -0.05 0.00	21.04 -0.03 0.00	23.24 0.00 0.00	28.43 0.00 0.00	34.93 0.02 0.00	33.61 -0.08 0.00	32.65 -0.08 0.00	30.61 -0.13 0.00	27.26 -0.05 0.00	20.70 -0.04 0.00	19.27 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	17.96 -0.56 0.00	17.66 -0.59 0.00	16.45 -0.65 0.00	16.56 -0.60 0.00	17.75 -0.67 0.00	19.57 -0.76 0.00	25.68 -0.72 0.00	29.74 -0.94 0.00	26.54 -0.58 0.00	22.06 -0.49 0.00	26.53 -0.46 0.00	22.87 0.02 0.00	19.76 -0.01 0.00	20.12 -0.10 0.00	20.81 -0.26 0.00	22.73 -0.50 0.00	27.60 -0.83 0.00	33.90 -1.01 0.00	32.20 -1.49 0.00	31.38 -1.35 0.00	29.63 -1.11 0.00	26.52 -0.78 0.00	20.26 -0.48 0.00	19.02 -0.29 0.00
TEMPLE___115KV_TB 2 55572	18.48 -0.05 0.00	18.18 -0.08 0.00	17.01 -0.09 0.00	17.07 -0.08 0.00	18.34 -0.08 0.00	20.22 -0.11 0.00	26.38 -0.02 0.00	30.68 0.00 0.00	27.13 0.00 0.00	22.51 -0.04 0.00	26.89 -0.10 0.00	22.84 -0.01 0.00	19.78 0.01 0.00	20.19 -0.03 0.00	21.06 -0.01 0.00	23.26 0.03 0.00	28.45 0.02 0.00	34.97 0.06 0.00	33.63 -0.06 0.00	32.67 -0.05 0.00	30.64 -0.10 0.00	27.28 -0.02 0.00	20.72 -0.02 0.00	19.29 -0.02 0.00

TIANA____69_KV_BK 1 55817	29.41 1.96 -8.93	20.03 1.78 0.00	18.75 1.64 0.00	18.83 1.67 0.00	20.30 1.88 0.00	22.55 2.21 -0.01	29.60 2.70 -0.51	51.59 2.98 -17.93	30.60 2.87 -0.60	25.01 2.38 -0.07	30.77 3.24 -0.54	25.83 2.75 -0.24	20.60 2.37 1.53	22.89 2.63 -0.03	23.97 2.84 -0.06	28.38 3.27 -1.88	33.01 3.93 -0.65	71.41 4.36 -32.14	60.80 3.91 -23.20	46.43 3.77 -9.93	35.99 3.88 -1.37	33.11 2.92 -2.88	28.81 2.33 -5.74	21.48 2.16 -0.01
TILDEN____115KV_TB1 80814	18.59 0.07 0.00	18.29 0.04 0.00	17.11 0.01 0.00	17.18 0.02 0.00	18.45 0.03 0.00	20.35 0.02 0.00	26.58 0.19 0.00	30.89 0.21 0.00	27.31 0.18 0.00	22.65 0.09 0.00	27.04 0.05 0.00	22.96 0.11 0.00	19.88 0.12 0.00	20.29 0.07 0.00	21.18 0.10 0.00	23.40 0.17 0.00	28.61 0.18 0.00	35.17 0.27 0.00	33.85 0.15 0.00	32.89 0.16 0.00	30.83 0.08 0.00	27.43 0.13 0.00	20.83 0.09 0.00	19.38 0.08 0.00
TRIGEN____CC 323695	21.99 1.17 -2.29	19.28 1.03 0.00	18.06 0.96 0.00	18.13 0.97 0.00	19.53 1.11 0.00	21.66 1.33 0.00	28.47 1.58 -0.50	32.42 1.67 -0.07	29.28 1.57 -0.59	24.04 1.42 -0.07	29.44 1.92 -0.53	24.73 1.65 -0.24	28.52 1.47 -7.28	22.36 1.58 -0.56	23.41 1.68 -0.66	27.29 1.93 -2.13	31.33 2.26 -0.64	38.34 2.42 -1.00	35.87 2.18 0.00	34.83 2.11 0.00	33.56 2.10 -0.72	49.22 1.69 -20.23	36.79 1.39 -14.66	20.63 1.31 -0.02
TRINITY__115KV__ 4 BK 55933	18.75 0.22 0.00	18.45 0.20 0.00	17.33 0.23 0.00	17.39 0.22 0.00	18.70 0.27 0.00	20.70 0.37 0.00	26.32 0.47 0.55	31.20 0.60 0.08	26.99 0.50 0.64	22.84 0.36 0.08	26.80 0.39 0.57	22.90 0.30 0.25	20.04 0.28 0.01	20.51 0.32 0.03	21.42 0.35 0.00	23.53 0.43 0.13	28.31 0.56 0.68	34.61 0.76 1.07	34.39 0.69 0.00	33.37 0.64 0.00	31.25 0.63 0.12	27.33 0.39 0.37	21.05 0.36 0.05	19.63 0.33 0.01
UNION____PROCESSING_DRP 323587	18.29 -0.24 0.00	17.99 -0.26 0.00	16.78 -0.32 0.00	16.87 -0.29 0.00	18.11 -0.31 0.00	19.98 -0.35 0.00	26.16 -0.24 0.00	30.43 -0.25 0.00	27.05 -0.08 0.00	22.44 -0.12 0.00	26.91 -0.08 0.00	23.00 0.15 0.00	19.88 0.11 0.00	20.23 0.01 0.00	21.08 0.01 0.00	23.17 -0.07 0.00	28.23 -0.20 0.00	34.71 -0.20 0.00	33.25 -0.44 0.00	32.36 -0.37 0.00	30.44 -0.30 0.00	27.09 -0.21 0.00	20.60 -0.14 0.00	19.23 -0.08 0.00
UPPER HUDSON____HYD 24058	19.48 0.96 0.00	19.21 0.95 0.00	17.91 0.81 0.00	18.12 0.96 0.00	19.48 1.06 0.00	21.61 1.28 0.00	27.95 2.03 0.48	33.13 2.52 0.07	28.79 2.22 0.56	24.27 1.78 0.07	28.62 2.13 0.50	24.35 1.73 0.22	21.08 1.32 0.01	21.60 1.40 0.02	22.42 1.35 0.00	24.43 1.30 0.11	29.53 1.71 0.60	36.29 2.33 0.95	35.89 2.20 0.00	34.85 2.12 0.00	32.48 1.85 0.11	28.30 1.34 0.34	21.78 1.08 0.04	20.27 0.97 0.01
UPPER RAQUET____HYD 24056	18.55 0.03 0.00	18.35 0.10 0.00	17.17 0.07 0.00	17.21 0.05 0.00	18.46 0.03 0.00	20.39 0.06 0.00	26.52 0.12 0.00	30.77 0.09 0.00	27.14 0.02 0.00	22.56 0.01 0.00	27.05 0.06 0.00	22.64 -0.21 0.00	19.29 -0.48 0.00	19.80 -0.42 0.00	20.61 -0.46 0.00	22.67 -0.56 0.00	27.72 -0.71 0.00	34.16 -0.75 0.00	33.25 -0.45 0.00	32.28 -0.44 0.00	30.38 -0.36 0.00	27.22 -0.08 0.00	20.63 -0.11 0.00	19.20 -0.11 0.00
VALLEY44_115KV_TB2 355964	18.70 0.18 0.00	18.38 0.13 0.00	17.09 -0.01 0.00	17.22 0.06 0.00	18.55 0.13 0.00	20.39 0.06 0.00	26.83 0.44 0.00	31.22 0.55 0.00	27.79 0.66 0.00	23.16 0.61 0.00	27.85 0.86 0.00	23.94 1.09 0.00	20.70 0.93 0.00	20.97 0.75 0.00	21.80 0.73 0.00	23.96 0.72 0.00	29.03 0.60 0.00	35.63 0.72 0.00	33.97 0.28 0.00	33.01 0.28 0.00	30.99 0.25 0.00	27.64 0.34 0.00	21.09 0.35 0.00	19.75 0.44 0.00
VALLEY____115KV_TB 1-4 80826	18.86 0.33 0.00	18.55 0.30 0.00	17.41 0.31 0.00	17.48 0.31 0.00	18.81 0.38 0.00	20.84 0.51 0.00	27.10 0.71 0.00	31.40 0.72 0.00	27.64 0.52 0.00	22.91 0.36 0.00	27.33 0.34 0.00	22.95 0.10 0.00	19.90 0.13 0.00	20.28 0.06 0.00	21.08 0.01 0.00	23.28 0.05 0.00	28.63 0.20 0.00	35.34 0.44 0.00	34.13 0.43 0.00	33.13 0.40 0.00	31.11 0.37 0.00	27.85 0.54 0.00	21.14 0.40 0.00	19.57 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.23 0.71 0.00	18.91 0.66 0.00	17.74 0.64 0.00	17.81 0.65 0.00	19.14 0.72 0.00	21.14 0.81 0.00	27.55 1.16 0.00	32.09 1.41 0.00	28.40 1.28 0.00	23.59 1.04 0.00	28.16 1.17 0.00	23.88 1.03 0.00	20.66 0.89 0.00	21.11 0.89 0.00	22.01 0.94 0.00	24.39 1.15 0.00	29.81 1.38 0.00	36.61 1.70 0.00	35.20 1.51 0.00	34.21 1.49 0.00	32.11 1.36 0.00	28.37 1.06 0.00	21.56 0.82 0.00	20.06 0.75 0.00
VISCHER____FERRY HYD 24020	19.14 0.62 0.00	18.85 0.60 0.00	17.67 0.58 0.00	17.75 0.59 0.00	19.08 0.66 0.00	21.13 0.80 0.00	26.78 1.02 0.64	31.86 1.27 0.09	27.45 1.07 0.74	23.29 0.83 0.09	27.23 0.92 0.67	23.30 0.75 0.30	20.41 0.65 0.01	20.88 0.69 0.03	21.79 0.73 0.00	23.90 0.82 0.15	28.64 1.01 0.80	34.95 1.31 1.26	34.93 1.24 0.00	33.91 1.18 0.00	31.68 1.09 0.15	27.68 0.82 0.45	21.36 0.68 0.06	19.93 0.63 0.01
V_A_10_SYNC_DSASP 323832	17.78 -0.75 0.00	17.49 -0.76 0.00	16.29 -0.81 0.00	16.40 -0.76 0.00	17.60 -0.82 0.00	19.38 -0.95 0.00	25.36 -1.03 0.00	29.34 -1.34 0.00	26.19 -0.93 0.00	21.81 -0.74 0.00	26.25 -0.74 0.00	22.60 -0.25 0.00	19.57 -0.20 0.00	19.85 -0.37 0.00	20.62 -0.44 0.00	22.59 -0.65 0.00	27.34 -1.09 0.00	33.53 -1.37 0.00	31.96 -1.74 0.00	31.12 -1.61 0.00	29.33 -1.42 0.00	26.20 -1.10 0.00	20.03 -0.71 0.00	18.81 -0.50 0.00
V_CMM_10_SYNC_DSASP 323787	18.43 -0.10 0.00	18.22 -0.03 0.00	17.06 -0.04 0.00	17.11 -0.05 0.00	18.33 -0.09 0.00	20.21 -0.12 0.00	26.24 -0.16 0.00	30.51 -0.17 0.00	26.96 -0.17 0.00	22.46 -0.09 0.00	26.95 -0.04 0.00	22.74 -0.11 0.00	19.61 -0.16 0.00	20.10 -0.13 0.00	20.92 -0.15 0.00	23.00 -0.24 0.00	28.10 -0.33 0.00	34.52 -0.39 0.00	33.51 -0.18 0.00	32.53 -0.19 0.00	30.59 -0.15 0.00	27.21 -0.09 0.00	20.62 -0.11 0.00	19.20 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	19.04 0.52 0.00	18.87 0.62 0.00	17.65 0.55 0.00	17.70 0.54 0.00	19.03 0.61 0.00	21.01 0.68 0.00	27.26 0.86 0.00	31.79 1.11 0.00	28.10 0.97 0.00	23.43 0.87 0.00	28.12 1.13 0.00	23.72 0.88 0.00	20.30 0.53 0.00	20.88 0.66 0.00	21.63 0.56 0.00	24.08 0.84 0.00	29.47 1.04 0.00	36.21 1.30 0.00	35.16 1.47 0.00	33.95 1.22 0.00	31.73 0.98 0.00	28.06 0.75 0.00	21.20 0.46 0.00	19.59 0.28 0.00
V_E_10_SYNC_DSASP 323830	19.95 1.42 0.00	19.61 1.36 0.00	18.32 1.22 0.00	18.35 1.19 0.00	19.75 1.33 0.00	21.88 1.55 0.00	28.76 2.37 0.00	33.46 2.78 0.00	29.34 2.21 0.00	24.17 1.61 0.00	28.51 1.53 0.00	24.16 1.31 0.00	20.76 1.00 0.00	21.10 0.88 0.00	22.02 0.95 0.00	24.79 1.56 0.00	30.35 1.92 0.00	37.51 2.60 0.00	36.15 2.46 0.00	35.05 2.32 0.00	32.76 2.02 0.00	28.99 1.69 0.00	21.84 1.11 0.00	20.20 0.89 0.00

V_F_30_NSYNC___DSASP 323816	19.43 0.91 0.00	19.14 0.89 0.00	17.90 0.79 0.00	17.97 0.81 0.00	19.33 0.91 0.00	21.41 1.08 0.00	27.42 1.52 0.49	32.48 1.87 0.07	28.19 1.64 0.57	23.80 1.31 0.07	27.97 1.50 0.52	23.84 1.22 0.23	20.79 1.03 0.01	21.27 1.07 0.02	22.17 1.10 0.00	24.32 1.20 0.12	29.34 1.53 0.62	35.92 1.98 0.98	35.58 1.89 0.00	34.54 1.82 0.00	32.27 1.64 0.12	28.22 1.27 0.35	21.70 1.00 0.04	20.22 0.92 0.01
V_F_30_SYNC_DSASP 323786	18.81 0.28 0.00	18.51 0.25 0.00	17.38 0.28 0.00	17.44 0.28 0.00	18.76 0.34 0.00	20.77 0.44 0.00	26.43 0.58 0.53	31.34 0.73 0.07	27.12 0.62 0.62	22.96 0.48 0.07	26.93 0.50 0.57	23.00 0.40 0.25	20.12 0.36 0.01	20.60 0.41 0.03	21.51 0.44 0.00	23.64 0.53 0.13	28.46 0.70 0.67	34.79 0.94 1.05	34.56 0.86 0.00	33.53 0.80 0.00	31.38 0.76 0.12	27.45 0.51 0.37	21.13 0.44 0.05	19.71 0.40 0.01
V_XM_10_SYNC_DSASP 323789	19.04 0.52 0.00	18.87 0.62 0.00	17.65 0.55 0.00	17.70 0.54 0.00	19.03 0.61 0.00	21.01 0.68 0.00	27.26 0.86 0.00	31.79 1.11 0.00	28.10 0.97 0.00	23.43 0.87 0.00	28.12 1.13 0.00	23.72 0.88 0.00	20.30 0.53 0.00	20.88 0.66 0.00	21.63 0.56 0.00	24.08 0.84 0.00	29.47 1.04 0.00	36.21 1.30 0.00	35.16 1.47 0.00	33.95 1.22 0.00	31.73 0.98 0.00	28.06 0.75 0.00	21.20 0.46 0.00	19.59 0.28 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.41 0.89 0.00	19.04 0.79 0.00	17.85 0.75 0.00	17.90 0.75 0.00	19.28 0.85 0.00	21.34 1.01 0.00	28.15 1.36 -0.40	32.38 1.64 -0.06	29.06 1.46 -0.47	23.83 1.22 -0.06	28.90 1.48 -0.43	24.33 1.29 -0.19	20.95 1.17 -0.01	21.45 1.21 -0.02	22.37 1.30 0.00	24.91 1.57 -0.09	30.83 1.89 -0.51	37.96 2.24 -0.81	35.73 2.04 0.00	34.62 1.90 0.00	32.59 1.74 -0.10	29.05 1.44 -0.30	21.94 1.17 -0.04	20.39 1.07 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.45 0.93 0.00	19.09 0.84 0.00	17.93 0.82 0.00	17.96 0.80 0.00	19.32 0.90 0.00	21.41 1.08 0.00	28.31 1.42 -0.50	32.42 1.68 -0.07	29.19 1.48 -0.59	23.93 1.30 -0.07	29.13 1.61 -0.53	24.52 1.43 -0.24	21.06 1.28 -0.01	21.57 1.33 -0.02	22.48 1.41 0.00	25.02 1.67 -0.12	31.01 1.94 -0.64	38.14 2.22 -1.00	35.69 1.99 0.00	34.61 1.88 0.00	32.63 1.76 -0.13	29.12 1.44 -0.38	21.97 1.18 -0.05	20.44 1.13 -0.01
W50THST__13_KV_LOAD 356117	19.52 1.00 0.00	19.16 0.91 0.00	17.99 0.89 0.00	18.02 0.86 0.00	19.38 0.96 0.00	21.48 1.15 0.00	28.42 1.52 -0.50	32.56 1.81 -0.07	29.34 1.62 -0.59	24.06 1.43 -0.07	29.31 1.78 -0.53	24.66 1.57 -0.24	21.19 1.41 -0.01	21.70 1.46 -0.02	22.62 1.54 0.00	25.18 1.82 -0.12	31.19 2.12 -0.64	38.35 2.44 -1.00	35.88 2.18 0.00	34.76 2.03 0.00	32.78 1.91 -0.13	29.25 1.56 -0.38	22.06 1.27 -0.05	20.52 1.20 -0.01
WADING RIVER_IC_1 23522	29.33 1.78 -9.02	19.86 1.61 0.00	18.58 1.48 0.00	18.67 1.51 0.00	20.12 1.69 0.00	22.33 2.00 -0.01	29.28 2.39 -0.51	51.35 2.65 -18.02	30.18 2.45 -0.60	24.66 2.03 -0.07	30.36 2.83 -0.54	25.48 2.39 -0.24	20.26 2.03 1.54	22.56 2.31 -0.03	23.62 2.49 -0.06	27.99 2.87 -1.88	32.52 3.44 -0.65	70.69 3.76 -32.02	59.93 3.37 -22.87	45.89 3.27 -9.89	35.45 3.33 -1.37	32.77 2.59 -2.87	28.57 2.10 -5.73	21.28 1.96 -0.01
WADING RIVER_IC_2 23547	29.33 1.78 -9.02	19.86 1.61 0.00	18.58 1.48 0.00	18.67 1.51 0.00	20.12 1.69 0.00	22.33 2.00 -0.01	29.28 2.39 -0.51	51.35 2.65 -18.02	30.18 2.45 -0.60	24.66 2.03 -0.07	30.36 2.83 -0.54	25.48 2.39 -0.24	20.26 2.03 1.54	22.56 2.31 -0.03	23.62 2.49 -0.06	27.99 2.87 -1.88	32.52 3.44 -0.65	70.69 3.76 -32.02	59.93 3.37 -22.87	45.89 3.27 -9.89	35.45 3.33 -1.37	32.77 2.59 -2.87	28.57 2.10 -5.73	21.28 1.96 -0.01
WADING RIVER_IC_3 23601	29.33 1.78 -9.02	19.86 1.61 0.00	18.58 1.48 0.00	18.67 1.51 0.00	20.12 1.69 0.00	22.33 2.00 -0.01	29.28 2.39 -0.51	51.35 2.65 -18.02	30.18 2.45 -0.60	24.66 2.03 -0.07	30.36 2.83 -0.54	25.48 2.39 -0.24	20.26 2.03 1.54	22.56 2.31 -0.03	23.62 2.49 -0.06	27.99 2.87 -1.88	32.52 3.44 -0.65	70.69 3.76 -32.02	59.93 3.37 -22.87	45.89 3.27 -9.89	35.45 3.33 -1.37	32.77 2.59 -2.87	28.57 2.10 -5.73	21.28 1.96 -0.01
WALDENNY_12_KV_BK2 80841	18.11 -0.42 0.00	17.80 -0.45 0.00	16.56 -0.54 0.00	16.67 -0.49 0.00	17.88 -0.54 0.00	19.68 -0.65 0.00	25.84 -0.55 0.00	29.95 -0.73 0.00	26.74 -0.38 0.00	22.30 -0.26 0.00	26.84 -0.15 0.00	23.15 0.30 0.00	20.04 0.26 0.00	20.29 0.07 0.00	21.08 0.01 0.00	23.06 -0.17 0.00	27.92 -0.51 0.00	34.27 -0.64 0.00	32.57 -1.12 0.00	31.68 -1.05 0.00	29.83 -0.92 0.00	26.66 -0.65 0.00	20.37 -0.37 0.00	19.13 -0.18 0.00
WALDEN___HYDRO 24148	19.44 0.92 0.00	19.08 0.83 0.00	17.89 0.79 0.00	17.94 0.78 0.00	19.31 0.89 0.00	21.37 1.05 0.00	28.16 1.42 -0.35	32.47 1.74 -0.05	29.07 1.54 -0.41	23.84 1.24 -0.05	28.76 1.40 -0.37	24.20 1.18 -0.16	20.84 1.07 -0.01	21.39 1.15 -0.02	22.27 1.20 0.00	24.76 1.44 -0.08	30.72 1.85 -0.44	37.88 2.27 -0.70	35.82 2.12 0.00	34.74 2.02 0.00	32.68 1.85 -0.09	29.07 1.51 -0.26	21.96 1.19 -0.03	20.40 1.09 0.00
WARRENSBURG___ 23737	19.48 0.96 0.00	19.21 0.95 0.00	17.91 0.81 0.00	18.12 0.96 0.00	19.48 1.06 0.00	21.61 1.28 0.00	27.95 2.03 0.48	33.13 2.52 0.07	28.79 2.22 0.56	24.27 1.78 0.07	28.62 2.13 0.50	24.35 1.73 0.22	21.08 1.32 0.01	21.60 1.40 0.02	22.42 1.35 0.00	24.43 1.30 0.11	29.53 1.71 0.60	36.29 2.33 0.95	35.89 2.20 0.00	34.85 2.12 0.00	32.48 1.85 0.11	28.30 1.34 0.34	21.78 1.08 0.04	20.27 0.97 0.01
WATERSIDE___6 8 9 23538	19.40 0.87 0.00	19.06 0.81 0.00	17.88 0.78 0.00	17.91 0.75 0.00	19.25 0.83 0.00	21.33 1.00 0.00	28.23 1.34 -0.50	32.33 1.59 -0.07	29.10 1.39 -0.59	23.88 1.25 -0.07	29.04 1.52 -0.53	24.45 1.36 -0.24	20.99 1.21 -0.01	21.50 1.26 -0.02	22.41 1.34 0.00	24.93 1.58 -0.12	30.91 1.84 -0.64	38.02 2.11 -1.00	35.55 1.85 0.00	34.53 1.81 0.00	32.56 1.69 -0.13	29.05 1.36 -0.38	21.91 1.12 -0.05	20.39 1.08 -0.01
WATKINRD_115KV_LN8_ILLION 55919	18.75 0.23 0.00	18.46 0.20 0.00	17.31 0.20 0.00	17.37 0.21 0.00	18.68 0.25 0.00	20.68 0.35 0.00	26.85 0.46 0.00	31.17 0.49 0.00	27.48 0.36 0.00	22.80 0.24 0.00	27.20 0.21 0.00	22.89 0.04 0.00	19.84 0.08 0.00	20.25 0.02 0.00	21.07 0.00 0.00	23.27 0.03 0.00	28.59 0.16 0.00	35.28 0.37 0.00	34.06 0.37 0.00	33.08 0.35 0.00	31.07 0.33 0.00	27.69 0.39 0.00	21.02 0.28 0.00	19.51 0.20 0.00
WATSON___69_KV_BK 1 55734	25.11 1.68 -4.91	19.75 1.50 0.00	18.48 1.39 0.00	18.57 1.41 0.00	20.01 1.59 0.00	22.22 1.89 0.00	29.12 2.22 -0.50	41.75 2.34 -8.73	29.97 2.25 -0.59	24.60 1.98 -0.07	30.23 2.71 -0.53	25.38 2.29 -0.24	20.72 1.96 1.02	22.41 2.13 -0.06	23.43 2.27 -0.09	27.47 2.63 -1.60	32.23 3.16 -0.65	54.96 3.40 -16.65	48.86 3.03 -12.14	40.66 2.95 -4.99	34.70 3.02 -0.93	33.61 2.47 -3.84	28.92 2.00 -6.18	21.18 1.86 -0.01

WDELAWARE___HYD 323627	19.69 1.17 0.00	19.32 1.07 0.00	18.11 1.01 0.00	18.16 1.01 0.00	19.56 1.14 0.00	21.65 1.32 0.00	28.43 1.81 -0.23	32.77 2.06 -0.03	29.20 1.81 -0.27	24.00 1.41 -0.03	28.76 1.53 -0.24	24.31 1.35 -0.11	21.03 1.26 0.00	21.54 1.30 -0.01	22.40 1.33 0.00	24.97 1.68 -0.05	30.85 2.13 -0.29	37.88 2.52 -0.46	36.02 2.33 0.00	34.96 2.23 0.00	32.85 2.05 -0.06	29.31 1.83 -0.17	22.18 1.42 -0.02	20.62 1.31 0.00
WEST BABYLON___IC 23714	22.50 1.57 -2.41	19.64 1.39 0.00	18.39 1.30 0.00	18.48 1.32 0.00	19.90 1.48 0.00	22.09 1.77 0.00	28.97 2.08 -0.50	35.17 2.18 -2.30	29.81 2.10 -0.59	24.48 1.85 -0.07	30.05 2.52 -0.53	25.22 2.13 -0.24	21.63 1.85 -0.01	22.33 1.99 -0.12	23.36 2.13 -0.16	27.15 2.47 -1.44	32.01 2.94 -0.64	42.85 3.18 -4.76	39.22 2.84 -2.68	36.70 2.78 -1.20	34.18 2.83 -0.60	35.37 2.30 -5.77	29.71 1.87 -7.10	21.06 1.74 -0.01
WEST CANADA___HYD 24049	18.57 0.05 0.00	18.29 0.04 0.00	17.15 0.05 0.00	17.20 0.04 0.00	18.48 0.06 0.00	20.41 0.08 0.00	26.44 0.05 0.00	30.70 0.02 0.00	27.14 0.02 0.00	22.58 0.02 0.00	27.00 0.01 0.00	22.85 0.00 0.00	19.78 0.01 0.00	20.22 0.00 0.00	21.07 0.00 0.00	23.24 0.00 0.00	28.48 0.05 0.00	34.97 0.06 0.00	33.74 0.05 0.00	32.78 0.05 0.00	30.81 0.06 0.00	27.35 0.05 0.00	20.76 0.02 0.00	19.33 0.02 0.00
WESTERN_NY_WIND 24143	18.33 -0.19 0.00	18.02 -0.24 0.00	16.79 -0.31 0.00	16.89 -0.27 0.00	18.12 -0.30 0.00	20.01 -0.32 0.00	26.31 -0.08 0.00	30.54 -0.14 0.00	27.19 0.06 0.00	22.52 -0.04 0.00	27.04 0.05 0.00	23.23 0.38 0.00	20.02 0.25 0.00	20.38 0.16 0.00	21.03 -0.05 0.00	22.95 -0.29 0.00	28.18 -0.25 0.00	34.60 -0.31 0.00	32.68 -1.01 0.00	31.91 -0.82 0.00	30.40 -0.34 0.00	27.17 -0.14 0.00	20.68 -0.05 0.00	19.38 0.07 0.00
WESTOVER___LESR 323668	18.86 0.34 0.00	18.52 0.27 0.00	17.31 0.21 0.00	17.38 0.22 0.00	18.69 0.27 0.00	20.59 0.26 0.00	26.93 0.54 0.00	31.34 0.66 0.00	27.71 0.58 0.00	23.01 0.46 0.00	27.46 0.47 0.00	23.39 0.54 0.00	20.24 0.47 0.00	20.64 0.41 0.00	21.54 0.47 0.00	23.83 0.59 0.00	29.07 0.64 0.00	35.67 0.75 0.00	34.24 0.54 0.00	33.24 0.52 0.00	31.18 0.43 0.00	27.71 0.41 0.00	21.07 0.33 0.00	19.62 0.31 0.00
WETHRSFD_WT_PWR 323626	18.10 -0.42 0.00	17.79 -0.46 0.00	16.52 -0.58 0.00	16.59 -0.57 0.00	17.85 -0.57 0.00	19.62 -0.71 0.00	25.77 -0.63 0.00	29.92 -0.76 0.00	26.72 -0.40 0.00	22.26 -0.30 0.00	26.79 -0.20 0.00	23.02 0.17 0.00	19.90 0.13 0.00	20.10 -0.12 0.00	20.89 -0.18 0.00	22.95 -0.29 0.00	27.84 -0.60 0.00	34.25 -0.66 0.00	32.59 -1.11 0.00	31.52 -1.21 0.00	29.51 -1.23 0.00	26.29 -1.02 0.00	20.10 -0.64 0.00	18.86 -0.45 0.00
WHAVSTOR_138KV_BK127 55557	19.34 0.82 0.00	18.97 0.72 0.00	17.78 0.68 0.00	17.84 0.68 0.00	19.21 0.78 0.00	21.26 0.93 0.00	28.03 1.24 -0.40	32.24 1.50 -0.06	28.93 1.33 -0.47	23.72 1.11 -0.06	28.77 1.35 -0.43	24.22 1.18 -0.19	20.84 1.07 -0.01	21.35 1.11 -0.02	22.27 1.20 0.00	24.78 1.45 -0.09	30.68 1.74 -0.51	37.78 2.06 -0.81	35.55 1.86 0.00	34.44 1.72 0.00	32.44 1.59 -0.10	28.91 1.30 -0.30	21.84 1.07 -0.04	20.31 0.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.34 0.82 0.00	18.97 0.72 0.00	17.78 0.68 0.00	17.84 0.68 0.00	19.21 0.78 0.00	21.26 0.93 0.00	28.03 1.24 -0.40	32.24 1.50 -0.06	28.93 1.33 -0.47	23.72 1.11 -0.06	28.77 1.35 -0.43	24.22 1.18 -0.19	20.84 1.07 -0.01	21.35 1.11 -0.02	22.27 1.20 0.00	24.78 1.45 -0.09	30.68 1.74 -0.51	37.78 2.06 -0.81	35.55 1.86 0.00	34.44 1.72 0.00	32.44 1.59 -0.10	28.91 1.30 -0.30	21.84 1.07 -0.04	20.31 0.99 0.00
WHITEHAL_115KV_TB1 80871	20.05 1.53 0.00	19.89 1.64 0.00	18.54 1.44 0.00	18.65 1.49 0.00	20.03 1.60 0.00	22.26 1.93 0.00	28.51 2.60 0.48	33.80 3.19 0.07	29.37 2.82 0.57	24.72 2.23 0.07	29.20 2.73 0.51	25.03 2.41 0.23	21.84 2.08 0.01	22.40 2.20 0.02	23.10 2.03 0.00	25.26 2.14 0.11	30.54 2.73 0.61	37.50 3.55 0.96	37.12 3.42 0.00	35.98 3.25 0.00	33.45 2.82 0.11	29.04 2.08 0.34	22.53 1.84 0.04	21.01 1.71 0.01
WHITEPLN_13_KV_LOAD 356215	19.54 1.02 0.00	19.18 0.92 0.00	17.98 0.89 0.00	18.03 0.87 0.00	19.40 0.97 0.00	21.49 1.16 0.00	28.44 1.55 -0.50	32.54 1.79 -0.07	29.26 1.55 -0.58	23.96 1.33 -0.07	29.15 1.63 -0.53	24.51 1.43 -0.24	21.05 1.27 -0.01	21.56 1.31 -0.02	22.48 1.41 0.00	25.02 1.66 -0.12	31.05 1.98 -0.64	38.22 2.31 -1.00	35.80 2.10 0.00	34.72 1.99 0.00	32.71 1.84 -0.13	29.27 1.59 -0.38	22.06 1.27 -0.05	20.51 1.19 -0.01
WM_FLOYD_69_KV_BK2 356380	28.86 1.76 -8.58	19.84 1.59 0.00	18.56 1.47 0.00	18.66 1.49 0.00	20.10 1.68 0.00	22.31 1.98 0.00	29.26 2.36 -0.51	50.81 2.50 -17.64	30.11 2.38 -0.60	24.64 2.02 -0.07	30.36 2.83 -0.54	25.49 2.40 -0.24	20.32 2.06 1.51	22.52 2.27 -0.03	23.55 2.42 -0.07	27.92 2.79 -1.89	32.41 3.32 -0.65	71.21 3.63 -32.67	61.46 3.26 -24.50	45.98 3.17 -10.09	35.38 3.25 -1.39	32.79 2.56 -2.92	28.58 2.08 -5.76	21.26 1.94 -0.01
WOODARD___115KV_TB2 355635	18.43 -0.10 0.00	18.13 -0.12 0.00	16.97 -0.13 0.00	17.03 -0.13 0.00	18.29 -0.13 0.00	20.17 -0.16 0.00	26.35 -0.04 0.00	30.64 -0.04 0.00	27.08 -0.05 0.00	22.47 -0.08 0.00	26.84 -0.15 0.00	22.78 -0.07 0.00	19.73 -0.04 0.00	20.14 -0.08 0.00	21.02 -0.06 0.00	23.20 -0.03 0.00	28.40 -0.03 0.00	34.90 -0.01 0.00	33.58 -0.11 0.00	32.63 -0.09 0.00	30.56 -0.19 0.00	27.20 -0.11 0.00	20.65 -0.08 0.00	19.23 -0.08 0.00
YORK___WARBASSE 23770	19.46 0.94 0.00	19.11 0.86 0.00	17.93 0.82 0.00	17.95 0.79 0.00	19.30 0.88 0.00	21.40 1.07 0.00	28.34 1.45 -0.50	32.46 1.71 -0.07	29.19 1.48 -0.59	23.94 1.32 -0.07	29.13 1.61 -0.53	24.53 1.44 -0.24	21.06 1.28 -0.01	21.57 1.32 -0.02	22.47 1.40 0.00	25.00 1.65 -0.12	31.01 1.94 -0.64	38.13 2.22 -1.00	35.64 1.94 0.00	34.67 1.95 0.00	32.70 1.82 -0.13	29.16 1.47 -0.38	22.00 1.21 -0.05	20.47 1.16 -0.01