

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/18/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	18.19	18.01	17.56	17.51	17.34	21.28	24.40	21.74	23.98	24.74	22.19	21.00	20.16	20.40	21.69	22.88	23.51	23.27	26.35	35.36	35.44	31.76	27.35	20.94
24138	1.12	1.06	1.02	1.01	0.94	1.11	1.42	1.34	1.55	1.58	1.54	1.43	1.45	1.40	1.52	1.66	1.80	1.70	1.77	1.35	1.45	1.92	1.71	0.88
	0.00	0.00	0.00	-0.90	-1.08	-0.90	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	-14.19	-12.49	0.00	0.00	-7.17
74TH STREET_GT_1	18.17	18.00	17.54	17.50	17.34	21.27	24.38	21.72	23.94	24.68	22.13	20.95	20.11	20.35	21.64	22.82	23.46	23.25	26.29	35.35	35.42	31.73	27.34	20.94
24260	1.10	1.05	1.01	0.99	0.93	1.10	1.40	1.32	1.51	1.53	1.49	1.38	1.40	1.35	1.47	1.60	1.76	1.68	1.72	1.34	1.43	1.89	1.70	0.88
	0.00	0.00	0.00	-0.90	-1.08	-0.90	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	-14.19	-12.49	0.00	0.00	-7.17
74TH STREET_GT_2	18.17	18.00	17.54	17.50	17.34	21.27	24.38	21.72	23.94	24.68	22.13	20.95	20.11	20.35	21.64	22.82	23.46	23.25	26.29	35.35	35.42	31.73	27.34	20.94
24261	1.10	1.05	1.01	0.99	0.93	1.10	1.40	1.32	1.51	1.53	1.49	1.38	1.40	1.35	1.47	1.60	1.76	1.68	1.72	1.34	1.43	1.89	1.70	0.88
	0.00	0.00	0.00	-0.90	-1.08	-0.90	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	-14.19	-12.49	0.00	0.00	-7.17
ADK HUDSON___FALLS	17.91	17.88	17.46	17.63	17.61	21.58	24.45	21.67	23.60	24.29	21.75	20.61	19.65	19.93	21.20	22.24	22.83	22.74	26.15	39.54	39.18	31.87	27.11	22.93
24011	0.84	0.93	0.92	0.90	0.94	1.19	1.48	1.27	1.17	1.14	1.11	1.04	0.93	0.94	1.03	1.02	1.13	1.17	1.58	1.38	1.54	2.03	1.47	0.77
	0.00	0.00	0.00	-1.12	-1.35	-1.13	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	-18.34	-16.14	0.00	0.00	-9.27
ADK RESOURCE___RCVRY	18.00	17.98	17.55	17.73	17.73	21.74	24.62	21.82	23.72	24.42	21.89	20.77	19.77	20.08	21.38	22.42	23.02	22.93	26.40	39.74	39.40	32.14	27.28	23.03
23798	0.93	1.03	1.02	1.00	1.05	1.35	1.64	1.41	1.29	1.27	1.24	1.20	1.06	1.09	1.21	1.20	1.32	1.35	1.83	1.57	1.75	2.30	1.64	0.86
	0.00	0.00	0.00	-1.12	-1.35	-1.13	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	-18.36	-16.16	0.00	0.00	-9.28
ADK S GLENS___FALLS	17.91	17.88	17.46	17.63	17.61	21.58	24.45	21.67	23.60	24.29	21.75	20.61	19.65	19.93	21.20	22.24	22.83	22.74	26.15	39.54	39.18	31.87	27.11	22.93
24028	0.84	0.93	0.92	0.90	0.94	1.19	1.48	1.27	1.17	1.14	1.11	1.04	0.93	0.94	1.03	1.02	1.13	1.17	1.58	1.38	1.54	2.03	1.47	0.77
	0.00	0.00	0.00	-1.12	-1.35	-1.13	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	-18.34	-16.14	0.00	0.00	-9.27
ADK_NYS___DAM	17.78	17.72	17.31	17.46	17.41	21.29	24.08	21.34	23.27	24.01	21.51	20.33	19.42	19.70	20.80	21.68	22.24	22.12	25.44	38.41	38.11	31.30	26.66	22.41
23527	0.70	0.77	0.77	0.77	0.78	0.94	1.10	0.94	0.84	0.86	0.86	0.77	0.71	0.71	0.63	0.47	0.54	0.55	0.87	0.96	1.09	1.46	1.03	0.61
	0.00	0.00	0.00	-1.08	-1.31	-1.09	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	-17.64	-15.52	0.00	0.00	-8.91
AIR_PRODUCTS___DRP	17.69	17.61	17.20	17.34	17.26	21.13	23.90	21.20	23.19	23.90	21.42	20.28	19.39	19.64	20.84	21.87	22.43	22.29	25.46	38.23	37.86	30.96	26.52	22.30
24190	0.62	0.66	0.66	0.65	0.64	0.77	0.92	0.80	0.76	0.75	0.78	0.70	0.67	0.64	0.67	0.65	0.73	0.72	0.89	0.78	0.84	1.12	0.88	0.50
	0.00	0.00	0.00	-1.08	-1.31	-1.09	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	-17.63	-15.52	0.00	0.00	-8.91
AKWESSNE_115KV_BK	16.85	16.73	16.34	15.41	15.13	19.02	22.63	20.13	22.17	22.95	20.36	19.26	18.46	18.76	19.87	20.92	21.35	21.22	24.15	19.46	21.11	29.38	25.28	12.70
355683	-0.22	-0.22	-0.20	-0.20	-0.20	-0.24	-0.35	-0.27	-0.26	-0.20	-0.29	-0.31	-0.26	-0.24	-0.30	-0.30	-0.35	-0.35	-0.42	-0.36	-0.38	-0.46	-0.35	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	17.69	17.61	17.20	17.34	17.26	21.13	23.90	21.20	23.19	23.90	21.42	20.28	19.39	19.64	20.84	21.87	22.43	22.29	25.46	38.23	37.86	30.96	26.52	22.30
23571	0.62	0.66	0.66	0.65	0.64	0.77	0.92	0.80	0.76	0.75	0.78	0.70	0.67	0.64	0.67	0.65	0.73	0.72	0.89	0.78	0.84	1.12	0.88	0.50
	0.00	0.00	0.00	-1.08	-1.31	-1.09	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	-17.63	-15.52	0.00	0.00	-8.91
ALBANY___2	17.69	17.61	17.20	17.34	17.26	21.13	23.90	21.20	23.19	23.90	21.42	20.28	19.39	19.64	20.84	21.87	22.43	22.29	25.46	38.23	37.86	30.96	26.52	22.30
23572	0.62	0.66	0.66	0.65	0.64	0.77	0.92	0.80	0.76	0.75	0.78	0.70	0.67	0.64	0.67	0.65	0.73	0.72	0.89	0.78	0.84	1.12	0.88	0.50
	0.00	0.00	0.00	-1.08	-1.31	-1.09	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	-17.63	-15.52	0.00	0.00	-8.91
ALBANY___3	17.69	17.61	17.20	17.34	17.26	21.13	23.90	21.20	23.19	23.90	21.42	20.28	19.39	19.64	20.84	21.87	22.43	22.29	25.46	38.23	37.86	30.96	26.52	22.30
23573	0.62	0.66	0.66	0.65	0.64	0.77	0.92	0.80	0.76	0.75	0.78	0.70	0.67	0.64	0.67	0.65	0.73	0.72	0.89	0.78	0.84	1.12	0.88	0.50
	0.00	0.00	0.00	-1.08	-1.31	-1.09	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	-17.63	-15.52	0.00	0.00	-8.91

ALBANY___4 23574	17.69 0.62 0.00	17.61 0.66 0.00	17.20 0.66 0.00	17.34 0.65 -1.08	17.26 0.64 -1.31	21.13 0.77 -1.09	23.90 0.92 0.00	21.20 0.80 0.00	23.19 0.76 0.00	23.90 0.75 0.00	21.42 0.78 0.00	20.28 0.70 0.00	19.39 0.67 0.00	19.64 0.64 0.00	20.84 0.67 0.00	21.87 0.65 0.00	22.43 0.73 0.00	22.29 0.72 0.00	25.46 0.89 0.00	38.23 0.78 -17.63	37.86 0.84 -15.52	30.96 1.12 0.00	26.52 0.88 0.00	22.30 0.50 -8.91
ALBANY___LFGE 323615	17.76 0.69 0.00	17.68 0.72 0.00	17.27 0.73 0.00	17.41 0.71 -1.09	17.34 0.70 -1.32	21.22 0.86 -1.10	24.01 1.03 0.00	21.29 0.89 0.00	23.30 0.87 0.00	24.01 0.86 0.00	21.51 0.86 0.00	20.37 0.80 0.00	19.47 0.76 0.00	19.72 0.73 0.00	20.94 0.77 0.00	21.97 0.75 0.00	22.53 0.83 0.00	22.40 0.83 0.00	25.59 1.02 0.00	38.49 0.89 -17.79	38.10 0.95 -15.66	31.12 1.27 0.00	26.63 1.00 0.00	22.43 0.55 -8.99
ALCOA_PA_115KV_PL-6C 55860	16.99 -0.09 0.00	16.87 -0.09 0.00	16.47 -0.07 0.00	15.53 -0.08 0.00	15.25 -0.07 0.00	19.18 -0.08 0.00	22.84 -0.14 0.00	20.28 -0.11 0.00	22.35 -0.08 0.00	23.12 -0.03 0.00	20.45 -0.20 0.00	19.32 -0.25 0.00	18.51 -0.21 0.00	18.80 -0.20 0.00	19.88 -0.28 0.00	20.93 -0.29 0.00	21.35 -0.35 0.00	21.20 -0.37 0.00	24.15 -0.43 0.00	19.47 -0.35 0.00	21.13 -0.36 0.00	29.44 -0.41 0.00	25.36 -0.28 0.00	12.73 -0.16 0.00
ALCOA_RYNLDS___DRP 24188	16.99 -0.09 0.00	16.87 -0.09 0.00	16.47 -0.07 0.00	15.53 -0.08 0.00	15.25 -0.07 0.00	19.18 -0.08 0.00	22.84 -0.14 0.00	20.28 -0.11 0.00	22.35 -0.08 0.00	23.12 -0.03 0.00	20.45 -0.20 0.00	19.32 -0.25 0.00	18.51 -0.21 0.00	18.80 -0.20 0.00	19.88 -0.28 0.00	20.93 -0.29 0.00	21.35 -0.35 0.00	21.20 -0.37 0.00	24.15 -0.43 0.00	19.47 -0.35 0.00	21.13 -0.36 0.00	29.44 -0.41 0.00	25.36 -0.28 0.00	12.73 -0.16 0.00
ALCOA___DSASP 323711	16.99 -0.09 0.00	16.87 -0.09 0.00	16.47 -0.07 0.00	15.53 -0.07 0.00	15.25 -0.07 0.00	19.18 -0.08 0.00	22.84 -0.14 0.00	20.29 -0.11 0.00	22.35 -0.08 0.00	23.12 -0.03 0.00	20.45 -0.20 0.00	19.31 -0.25 0.00	18.51 -0.21 0.00	18.80 -0.20 0.00	19.88 -0.29 0.00	20.93 -0.29 0.00	21.35 -0.35 0.00	21.20 -0.37 0.00	24.15 -0.43 0.00	19.47 -0.35 0.00	21.13 -0.36 0.00	29.44 -0.41 0.00	25.36 -0.27 0.00	12.73 -0.16 0.00
ALLEGHENY___COGEN 23514	17.71 0.63 0.00	17.55 0.59 0.00	17.08 0.54 0.00	16.14 0.38 -0.15	15.90 0.40 -0.18	19.99 0.57 -0.15	23.95 0.97 0.00	20.91 0.51 0.00	22.72 0.29 0.00	23.42 0.27 0.00	20.80 0.15 0.00	19.86 0.29 0.00	18.88 0.16 0.00	19.10 0.10 0.00	20.31 0.14 0.00	21.29 0.07 0.00	21.56 -0.14 0.00	21.52 -0.05 0.00	24.57 0.00 0.00	22.53 0.19 -2.52	24.25 0.53 -2.22	30.42 0.58 0.00	25.82 0.18 0.00	14.18 0.01 -1.27
ALTAMONT_115KV_TB 2 55880	17.63 0.56 0.00	17.53 0.58 0.00	17.11 0.57 0.00	17.25 0.56 -1.08	17.18 0.55 -1.31	21.05 0.70 -1.09	24.16 1.19 0.00	21.36 0.96 0.00	23.36 0.92 0.00	24.00 0.85 0.00	21.44 0.79 0.00	20.30 0.72 0.00	19.39 0.67 0.00	19.66 0.66 0.00	20.88 0.71 0.00	21.90 0.68 0.00	22.36 0.66 0.00	22.23 0.66 0.00	25.39 0.82 0.00	38.20 0.71 -17.67	37.81 0.76 -15.56	30.86 1.02 0.00	26.45 0.82 0.00	22.27 0.45 -8.93
ALTONA_WT_PWR 323606	17.09 0.02 0.00	17.02 0.07 0.00	16.50 -0.03 0.00	15.53 -0.08 0.00	15.27 -0.05 0.00	19.20 -0.06 0.00	23.03 0.05 0.00	20.70 0.30 0.00	22.77 0.33 0.00	23.38 0.23 0.00	20.47 -0.18 0.00	19.31 -0.26 0.00	18.55 -0.17 0.00	18.95 -0.05 0.00	20.11 -0.06 0.00	21.19 -0.03 0.00	21.72 0.02 0.00	21.61 0.04 0.00	24.80 0.22 0.00	20.04 0.22 0.00	21.80 0.30 0.00	30.26 0.41 0.00	25.89 0.25 0.00	13.01 0.12 0.00
AMERICAN_REF_FUEL 24010	15.76 -1.31 0.00	15.70 -1.26 0.00	15.30 -1.24 0.00	14.47 -1.28 -0.15	14.22 -1.28 -0.18	17.80 -1.61 -0.15	21.28 -1.70 0.00	18.83 -1.57 0.00	21.00 -1.44 0.00	21.59 -1.57 0.00	19.11 -1.53 0.00	18.40 -1.17 0.00	17.42 -1.29 0.00	17.68 -1.31 0.00	18.88 -1.30 0.00	19.79 -1.43 0.00	19.87 -1.83 0.00	19.81 -1.76 0.00	22.57 -2.00 0.00	20.63 -1.67 -2.48	21.84 -1.84 -2.18	27.57 -2.27 0.00	23.63 -2.01 0.00	13.22 -0.92 -1.25
ARKWRIGHT___SUMMIT_WT_PWR 323751	16.71 -0.36 0.00	16.60 -0.35 0.00	16.11 -0.42 0.00	15.17 -0.60 -0.16	14.91 -0.61 -0.20	18.74 -0.69 -0.16	22.45 -0.55 -0.02	19.96 -0.45 0.00	22.30 -0.13 0.00	23.01 -0.14 0.00	20.41 -0.26 -0.02	19.61 0.04 0.00	18.57 -0.15 0.00	18.83 -0.17 0.00	20.05 -0.12 0.00	21.03 -0.19 0.00	21.12 -0.58 0.00	21.06 -0.52 0.00	24.03 -0.54 0.00	22.07 -0.49 -2.75	23.33 -0.58 -2.42	29.23 -0.61 0.00	24.64 -0.99 0.00	13.52 -0.76 -1.39
ARTHUR_KILL_GT_1 23520	18.13 1.06 0.00	17.83 0.88 0.00	17.36 0.82 0.00	17.33 0.82 -0.90	17.16 0.76 -1.08	21.07 0.91 -0.90	24.15 1.17 0.00	21.49 1.09 0.00	23.64 1.21 0.00	24.48 1.32 0.00	21.96 1.31 0.00	20.75 1.19 0.00	19.95 1.23 0.00	20.17 1.18 0.00	21.47 1.30 0.00	22.65 1.43 0.00	23.28 1.58 0.00	23.08 1.51 0.00	26.10 1.53 0.00	35.23 1.22 -14.19	35.30 1.31 -12.49	31.55 1.71 0.00	27.21 1.58 0.00	20.89 0.83 -7.17
ARTHUR_KILL_2 23512	18.09 1.01 0.00	17.79 0.84 0.00	17.32 0.78 0.00	17.29 0.79 -0.90	17.13 0.72 -1.08	21.03 0.86 -0.90	24.09 1.11 0.00	21.44 1.04 0.00	23.59 1.16 0.00	24.43 1.28 0.00	21.92 1.27 0.00	20.71 1.15 0.00	19.91 1.20 0.00	20.13 1.14 0.00	21.43 1.26 0.00	22.60 1.38 0.00	23.24 1.54 0.00	23.02 1.45 0.00	26.05 1.47 0.00	35.18 1.17 -14.19	35.23 1.25 -12.49	31.46 1.62 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
ARTHUR_KILL_3 23513	17.97 0.90 0.00	17.82 0.87 0.00	17.38 0.84 0.00	17.34 0.84 -0.90	17.18 0.77 -1.08	21.06 0.90 -0.90	24.12 1.15 0.00	21.48 1.08 0.00	23.69 1.25 0.00	24.40 1.25 0.00	21.89 1.25 0.00	20.72 1.16 0.00	19.90 1.18 0.00	20.13 1.14 0.00	21.42 1.25 0.00	22.59 1.38 0.00	23.23 1.53 0.00	23.01 1.44 0.00	26.01 1.44 0.00	35.12 1.11 -14.19	35.18 1.19 -12.49	31.40 1.56 0.00	27.08 1.44 0.00	20.81 0.75 -7.17
ARTHUR_KILL_COGEN 323718	18.13 1.06 0.00	17.83 0.88 0.00	17.36 0.82 0.00	17.33 0.82 -0.90	17.16 0.76 -1.08	21.07 0.91 -0.90	24.15 1.17 0.00	21.49 1.09 0.00	23.64 1.21 0.00	24.48 1.32 0.00	21.96 1.31 0.00	20.75 1.19 0.00	19.95 1.23 0.00	20.17 1.18 0.00	21.47 1.30 0.00	22.65 1.43 0.00	23.28 1.58 0.00	23.08 1.51 0.00	26.10 1.53 0.00	35.23 1.22 -14.19	35.30 1.31 -12.49	31.55 1.71 0.00	27.21 1.58 0.00	20.89 0.83 -7.17
ASHOKAN____ 23654	17.98 0.91 0.00	17.85 0.90 0.00	17.41 0.88 0.00	17.38 0.80 -0.97	17.30 0.80 -1.17	21.28 1.04 -0.98	24.36 1.38 0.00	21.50 1.10 0.00	23.61 1.18 0.00	24.20 1.05 0.00	21.62 0.98 0.00	20.44 0.87 0.00	19.54 0.83 0.00	19.75 0.76 0.00	21.03 0.86 0.00	22.13 0.91 0.00	22.72 1.02 0.00	22.62 1.05 0.00	25.92 1.35 0.00	36.58 1.09 -15.67	36.43 1.14 -13.79	31.60 1.76 0.00	27.04 1.40 0.00	21.48 0.66 -7.92

ASTORIA_EAST_ENERGY_CC1 323581	18.06 0.99 0.00	17.89 0.94 0.00	17.46 0.93 0.00	17.42 0.91 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.27 1.29 0.00	21.61 1.21 0.00	23.78 1.35 0.00	24.53 1.38 0.00	22.00 1.36 0.00	20.78 1.21 0.00	19.98 1.26 0.00	20.21 1.22 0.00	21.51 1.34 0.00	22.68 1.46 0.00	23.29 1.59 0.00	23.08 1.51 0.00	26.11 1.54 0.00	35.19 1.18 -14.19	35.25 1.27 -12.49	31.50 1.66 0.00	27.13 1.49 0.00	20.86 0.79 -7.17
ASTORIA_EAST_ENERGY_CC2 323582	18.06 0.99 0.00	17.89 0.94 0.00	17.46 0.93 0.00	17.42 0.91 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.27 1.29 0.00	21.61 1.21 0.00	23.78 1.35 0.00	24.53 1.38 0.00	22.00 1.36 0.00	20.78 1.21 0.00	19.97 1.26 0.00	20.21 1.22 0.00	21.51 1.34 0.00	22.68 1.46 0.00	23.29 1.59 0.00	23.08 1.51 0.00	26.11 1.54 0.00	35.19 1.18 -14.19	35.25 1.27 -12.49	31.50 1.66 0.00	27.13 1.49 0.00	20.86 0.79 -7.17
ASTORIA_GT2_1 24094	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT2_2 24095	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT2_3 24096	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT2_4 24097	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT3_1 24098	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT3_2 24099	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT3_3 24100	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT3_4 24101	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT4_1 24102	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT4_2 24103	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT4_3 24104	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT4_4 24105	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA_GT_1 23523	18.09 1.02 0.00	17.92 0.97 0.00	17.49 0.95 0.00	17.44 0.94 -0.90	17.26 0.86 -1.08	21.18 1.01 -0.90	24.31 1.34 0.00	21.66 1.26 0.00	23.83 1.40 0.00	24.59 1.44 0.00	22.05 1.40 0.00	20.83 1.26 0.00	20.03 1.31 0.00	20.26 1.26 0.00	21.56 1.39 0.00	22.74 1.52 0.00	23.35 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.24 1.23 -14.19	35.31 1.33 -12.49	31.58 1.74 0.00	27.18 1.55 0.00	20.89 0.82 -7.17

ASTORIA_GT_10 24110	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
ASTORIA_GT_11 24225	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
ASTORIA_GT_12 24226	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
ASTORIA_GT_13 24227	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
ASTORIA_GT_5 24106	18.09 1.02 0.00	17.92 0.97 0.00	17.49 0.95 0.00	17.44 0.94 -0.90	17.26 0.86 -1.08	21.18 1.01 -0.90	24.31 1.34 0.00	21.66 1.26 0.00	23.83 1.40 0.00	24.59 1.44 0.00	22.05 1.40 0.00	20.83 1.26 0.00	20.03 1.31 0.00	20.26 1.26 0.00	21.56 1.39 0.00	22.74 1.52 0.00	23.35 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.24 1.23 -14.19	35.31 1.33 -12.49	31.58 1.74 0.00	27.18 1.55 0.00	20.89 0.82 -7.17
ASTORIA_GT_7 24107	18.09 1.02 0.00	17.92 0.97 0.00	17.49 0.95 0.00	17.44 0.94 -0.90	17.26 0.86 -1.08	21.18 1.01 -0.90	24.31 1.34 0.00	21.66 1.26 0.00	23.83 1.40 0.00	24.59 1.44 0.00	22.05 1.40 0.00	20.83 1.26 0.00	20.03 1.31 0.00	20.26 1.26 0.00	21.56 1.39 0.00	22.74 1.52 0.00	23.35 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.24 1.23 -14.19	35.31 1.33 -12.49	31.58 1.74 0.00	27.18 1.55 0.00	20.89 0.82 -7.17
ASTORIA_GT_8 24108	18.09 1.02 0.00	17.92 0.97 0.00	17.49 0.95 0.00	17.44 0.94 -0.90	17.26 0.86 -1.08	21.18 1.01 -0.90	24.31 1.34 0.00	21.66 1.26 0.00	23.83 1.40 0.00	24.59 1.44 0.00	22.05 1.40 0.00	20.83 1.26 0.00	20.03 1.31 0.00	20.26 1.26 0.00	21.56 1.39 0.00	22.74 1.52 0.00	23.35 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.24 1.23 -14.19	35.31 1.33 -12.49	31.58 1.74 0.00	27.18 1.55 0.00	20.89 0.82 -7.17
ASTORIA___2 24149	18.07 1.00 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.42 0.92 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.79 1.22 0.00	19.99 1.27 0.00	20.22 1.23 0.00	21.52 1.35 0.00	22.70 1.48 0.00	23.31 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.15 1.51 0.00	20.87 0.80 -7.17
ASTORIA___3 23516	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
ASTORIA___4 23517	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.80 1.37 0.00	24.53 1.38 0.00	22.00 1.35 0.00	20.80 1.23 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.50 1.33 0.00	22.67 1.45 0.00	23.28 1.58 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.19 1.18 -14.19	35.26 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
ASTORIA___5 23518	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
AST_ENERGY_2_CC3 323677	18.05 0.97 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.14 0.97 -0.90	24.19 1.21 0.00	21.53 1.14 0.00	23.74 1.30 0.00	24.47 1.31 0.00	21.95 1.30 0.00	20.77 1.20 0.00	19.93 1.22 0.00	20.17 1.17 0.00	21.45 1.28 0.00	22.62 1.40 0.00	23.26 1.56 0.00	23.03 1.46 0.00	26.06 1.49 0.00	35.15 1.14 -14.19	35.21 1.22 -12.49	31.45 1.60 0.00	27.09 1.45 0.00	20.82 0.76 -7.17
AST_ENERGY_2_CC4 323678	18.05 0.97 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.14 0.97 -0.90	24.19 1.21 0.00	21.53 1.14 0.00	23.74 1.30 0.00	24.47 1.31 0.00	21.95 1.30 0.00	20.77 1.20 0.00	19.93 1.22 0.00	20.17 1.17 0.00	21.45 1.28 0.00	22.62 1.40 0.00	23.26 1.56 0.00	23.03 1.46 0.00	26.06 1.49 0.00	35.15 1.14 -14.19	35.21 1.22 -12.49	31.45 1.60 0.00	27.09 1.45 0.00	20.82 0.76 -7.17
ATHENS_STG_1 23668	17.64 0.57 0.00	17.52 0.57 0.00	17.09 0.55 0.00	17.14 0.55 -0.98	17.04 0.53 -1.19	20.89 0.63 -0.99	23.75 0.78 0.00	21.09 0.69 0.00	23.14 0.71 0.00	23.84 0.69 0.00	21.36 0.71 0.00	20.22 0.65 0.00	19.35 0.64 0.00	19.62 0.62 0.00	20.84 0.67 0.00	21.92 0.70 0.00	22.47 0.77 0.00	22.31 0.74 0.00	25.42 0.85 0.00	36.49 0.69 -15.97	36.29 0.73 -14.06	30.82 0.97 0.00	26.46 0.82 0.00	21.42 0.46 -8.07
ATHENS_STG_2 23670	17.64 0.57 0.00	17.52 0.57 0.00	17.09 0.55 0.00	17.14 0.55 -0.98	17.04 0.53 -1.19	20.89 0.63 -0.99	23.75 0.78 0.00	21.09 0.69 0.00	23.14 0.71 0.00	23.84 0.69 0.00	21.36 0.71 0.00	20.22 0.65 0.00	19.35 0.64 0.00	19.62 0.62 0.00	20.84 0.67 0.00	21.92 0.70 0.00	22.47 0.77 0.00	22.31 0.74 0.00	25.42 0.85 0.00	36.49 0.69 -15.97	36.29 0.73 -14.06	30.82 0.97 0.00	26.46 0.82 0.00	21.42 0.46 -8.07

ATHENS_STG_3 23677	17.64 0.57 0.00	17.52 0.57 0.00	17.09 0.55 0.00	17.14 0.55 -0.98	17.04 0.53 -1.19	20.89 0.63 -0.99	23.75 0.78 0.00	21.09 0.69 0.00	23.14 0.71 0.00	23.84 0.69 0.00	21.36 0.71 0.00	20.22 0.65 0.00	19.35 0.64 0.00	19.62 0.62 0.00	20.84 0.67 0.00	21.92 0.70 0.00	22.47 0.77 0.00	22.31 0.74 0.00	25.42 0.85 0.00	36.49 0.69 -15.97	36.29 0.73 -14.06	30.82 0.97 0.00	26.46 0.82 0.00	21.42 0.46 -8.07
AUBURN___LFG 323710	17.09 0.01 0.00	16.95 -0.01 0.00	16.51 -0.03 0.00	15.68 -0.05 -0.12	15.44 -0.03 -0.15	19.41 0.02 -0.12	23.14 0.17 0.00	20.59 0.19 0.00	22.49 0.06 0.00	23.12 -0.03 0.00	20.61 -0.04 0.00	19.62 0.05 0.00	18.66 -0.05 0.00	18.97 -0.03 0.00	20.20 0.02 0.00	21.14 -0.08 0.00	21.67 -0.03 0.00	21.55 -0.02 0.00	24.65 0.08 0.00	22.01 0.10 -2.09	23.54 0.21 -1.83	29.89 0.04 0.00	25.67 0.03 0.00	13.93 -0.02 -1.05
BABYLON_RES_REC 323704	22.90 1.44 -4.39	18.43 1.33 -0.15	18.00 1.29 -0.17	18.04 1.30 -1.13	17.79 1.20 -1.27	22.18 1.42 -1.50	24.65 1.67 0.00	21.76 1.35 0.00	24.11 1.68 0.00	24.72 1.57 0.00	22.20 1.56 0.00	20.98 1.41 0.00	20.08 1.36 0.00	20.40 1.41 0.00	21.73 1.56 0.00	23.96 1.75 -0.99	24.06 1.80 -0.56	23.43 1.86 0.00	26.54 1.96 0.00	99.72 1.61 -78.29	158.33 1.82 -135.01	31.97 2.11 -0.02	27.65 2.01 0.00	23.99 1.13 -9.97
BABYLON__69_KV_BK2 356345	24.45 1.63 -5.75	18.93 1.51 -0.47	18.54 1.46 -0.54	18.38 1.47 -1.30	18.36 1.36 -1.68	23.68 1.63 -2.79	24.90 1.92 0.00	21.94 1.54 0.00	24.35 1.92 0.00	24.94 1.79 0.00	22.38 1.73 0.00	21.15 1.58 0.00	20.24 1.52 0.00	20.57 1.58 0.00	21.93 1.75 0.00	24.18 1.96 -0.99	24.26 2.00 -0.56	23.66 2.09 0.00	26.81 2.24 0.00	101.37 1.82 -79.74	160.17 2.09 -136.58	32.39 2.46 -0.08	27.95 2.31 0.00	24.14 1.28 -9.97
BARON_WINDS___WT_PWR 323822	16.91 -0.17 0.00	16.76 -0.18 0.00	16.32 -0.22 0.00	15.48 -0.33 -0.21	15.24 -0.33 -0.25	19.09 -0.38 -0.21	22.58 -0.40 0.00	19.91 -0.50 0.00	22.08 -0.35 0.00	22.83 -0.33 0.00	20.41 -0.24 -0.01	19.58 0.01 0.00	18.62 -0.10 0.00	18.85 -0.15 0.00	20.10 -0.07 0.00	21.08 -0.14 0.00	21.37 -0.33 0.00	21.21 -0.36 0.00	24.12 -0.45 0.00	22.76 -0.54 -3.48	23.86 -0.70 -3.07	28.89 -0.95 0.00	24.67 -0.97 0.00	14.12 -0.54 -1.76
BARRETT_IC_1 23704	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_10 23701	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_11 23702	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_12 23703	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_2 23705	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_3 23706	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_4 23707	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_5 23708	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_6 23709	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_7 23710	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97

BARRETT_IC_8 23711	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT_IC_9 23700	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT___1 23545	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BARRETT___2 23546	22.15 1.31 -3.77	18.18 1.23 0.00	17.72 1.19 0.00	17.85 1.20 -1.05	17.50 1.09 -1.08	21.43 1.26 -0.90	24.34 1.37 0.00	21.41 1.01 0.00	23.91 1.47 0.00	24.65 1.50 0.00	22.20 1.55 0.00	20.99 1.42 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.92 1.70 -0.99	23.98 1.72 -0.56	23.19 1.62 0.00	26.12 1.55 0.00	47.81 1.26 -26.74	65.67 1.38 -42.79	31.53 1.69 0.00	27.41 1.77 0.00	23.90 1.05 -9.97
BATAVIA___115KV_TB1 55881	16.42 -0.65 0.00	16.32 -0.63 0.00	15.90 -0.63 0.00	15.02 -0.73 -0.14	14.79 -0.71 -0.17	18.57 -0.84 -0.14	22.23 -0.74 0.01	19.64 -0.76 0.00	21.84 -0.60 0.00	22.31 -0.83 0.00	19.69 -0.95 0.01	18.99 -0.58 0.00	17.93 -0.78 0.00	18.19 -0.80 0.00	19.38 -0.79 0.00	20.31 -0.91 0.00	20.43 -1.27 0.00	20.44 -1.13 0.00	23.40 -1.17 0.00	21.39 -0.85 -2.42	22.66 -0.96 -2.13	28.79 -1.05 0.00	24.62 -1.02 0.00	13.64 -0.47 -1.22
BAYONEEC___CTG1 323682	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG10 323750	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG2 323683	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG3 323684	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG4 323685	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG5 323686	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG6 323687	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG7 323688	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG8 323689	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
BAYONEEC___CTG9 323749	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.40 0.90 -0.90	17.24 0.83 -1.08	21.14 0.98 -0.90	24.21 1.24 0.00	21.56 1.16 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.19 1.18 -14.19	35.25 1.26 -12.49	31.51 1.66 0.00	27.16 1.52 0.00	20.85 0.79 -7.17

BEACON___LESR 323632	17.81 0.73 0.00	17.70 0.75 0.00	17.30 0.76 0.00	17.41 0.73 -1.08	17.35 0.72 -1.30	21.27 0.92 -1.09	24.08 1.10 0.00	21.34 0.94 0.00	23.32 0.89 0.00	24.02 0.87 0.00	21.53 0.88 0.00	20.42 0.85 0.00	19.45 0.73 0.00	19.71 0.71 0.00	20.91 0.74 0.00	21.95 0.73 0.00	22.54 0.84 0.00	22.45 0.88 0.00	25.66 1.09 0.00	38.36 0.93 -17.61	38.04 1.04 -15.50	31.18 1.34 0.00	26.76 1.12 0.00	22.37 0.58 -8.90
BEAVER RIVER___HYD 24048	17.27 0.20 0.00	17.07 0.12 0.00	16.70 0.16 0.00	15.76 0.11 -0.04	15.55 0.18 -0.05	19.62 0.32 -0.04	23.47 0.49 0.00	20.73 0.32 0.00	22.69 0.26 0.00	23.22 0.07 0.00	20.50 -0.15 0.00	19.39 -0.18 0.00	18.52 -0.19 0.00	18.76 -0.23 0.00	19.85 -0.32 0.00	20.83 -0.39 0.00	21.29 -0.41 0.00	21.21 -0.36 0.00	24.37 -0.20 0.00	20.54 0.05 -0.68	22.40 0.30 -0.60	30.38 0.53 0.00	25.85 0.22 0.00	12.99 -0.25 -0.34
BEEBEE_GT_13 23619	16.55 -0.52 0.00	16.43 -0.52 0.00	16.01 -0.53 0.00	15.15 -0.57 -0.12	14.91 -0.56 -0.14	18.73 -0.65 -0.12	22.41 -0.57 0.00	19.83 -0.57 0.00	21.89 -0.54 0.00	22.52 -0.63 0.00	19.99 -0.65 0.00	19.13 -0.44 0.00	18.16 -0.55 0.00	18.43 -0.56 0.00	19.63 -0.54 0.00	20.62 -0.60 0.00	20.87 -0.83 0.00	20.80 -0.77 0.00	23.76 -0.81 0.00	21.18 -0.63 -2.00	22.57 -0.68 -1.76	28.97 -0.88 0.00	24.77 -0.87 0.00	13.48 -0.41 -1.01
BENSHRST_27_KV_BENSHRST_1 355998	18.22 1.14 0.00	17.99 1.03 0.00	17.52 0.98 0.00	17.47 0.96 -0.90	17.30 0.89 -1.08	21.24 1.08 -0.90	24.37 1.39 0.00	21.72 1.32 0.00	23.93 1.50 0.00	24.69 1.53 0.00	22.14 1.50 0.00	20.94 1.37 0.00	20.11 1.40 0.00	20.35 1.36 0.00	21.65 1.48 0.00	22.83 1.61 0.00	23.47 1.77 0.00	23.26 1.69 0.00	26.31 1.74 0.00	35.37 1.36 -14.19	35.45 1.47 -12.49	31.78 1.94 0.00	27.37 1.73 0.00	20.96 0.90 -7.17
BETHLEHEM___GRP 23843	17.69 0.62 0.00	17.61 0.66 0.00	17.20 0.66 0.00	17.34 0.65 -1.08	17.26 0.64 -1.31	21.13 0.77 -1.09	23.90 0.92 0.00	21.20 0.80 0.00	23.19 0.76 0.00	23.90 0.75 0.00	21.42 0.78 0.00	20.28 0.70 0.00	19.39 0.67 0.00	19.64 0.64 0.00	20.84 0.67 0.00	21.87 0.65 0.00	22.43 0.73 0.00	22.29 0.72 0.00	25.46 0.89 0.00	38.23 0.78 -17.63	37.86 0.84 -15.52	30.96 1.12 0.00	26.52 0.88 0.00	22.30 0.50 -8.91
BETHLEHEM___GS1 323560	17.69 0.62 0.00	17.61 0.66 0.00	17.20 0.66 0.00	17.34 0.65 -1.08	17.26 0.64 -1.31	21.13 0.77 -1.09	23.90 0.92 0.00	21.20 0.79 0.00	23.19 0.76 0.00	23.90 0.74 0.00	21.42 0.77 0.00	20.27 0.70 0.00	19.39 0.67 0.00	19.64 0.64 0.00	20.84 0.67 0.00	21.87 0.65 0.00	22.43 0.73 0.00	22.29 0.72 0.00	25.46 0.89 0.00	38.23 0.78 -17.63	37.86 0.84 -15.52	30.96 1.12 0.00	26.52 0.88 0.00	22.30 0.50 -8.91
BETHLEHEM___GS2 323561	17.69 0.62 0.00	17.61 0.66 0.00	17.20 0.66 0.00	17.34 0.65 -1.08	17.26 0.64 -1.31	21.13 0.77 -1.09	23.90 0.92 0.00	21.20 0.79 0.00	23.19 0.76 0.00	23.90 0.74 0.00	21.42 0.77 0.00	20.27 0.70 0.00	19.39 0.67 0.00	19.64 0.64 0.00	20.84 0.67 0.00	21.87 0.65 0.00	22.43 0.73 0.00	22.29 0.72 0.00	25.46 0.89 0.00	38.23 0.78 -17.63	37.86 0.84 -15.52	30.96 1.12 0.00	26.52 0.88 0.00	22.30 0.50 -8.91
BETHLEHEM___GS3 323562	17.69 0.62 0.00	17.61 0.66 0.00	17.20 0.66 0.00	17.34 0.65 -1.08	17.26 0.64 -1.31	21.13 0.77 -1.09	23.90 0.92 0.00	21.20 0.79 0.00	23.19 0.76 0.00	23.90 0.74 0.00	21.42 0.77 0.00	20.27 0.70 0.00	19.39 0.67 0.00	19.64 0.64 0.00	20.84 0.67 0.00	21.87 0.65 0.00	22.43 0.73 0.00	22.29 0.72 0.00	25.46 0.89 0.00	38.23 0.78 -17.63	37.86 0.84 -15.52	30.96 1.12 0.00	26.52 0.88 0.00	22.30 0.50 -8.91
BETHLEHEM___STEEL 23779	16.44 -0.63 0.00	16.32 -0.63 0.00	15.90 -0.64 0.00	15.02 -0.75 -0.16	14.77 -0.74 -0.19	18.53 -0.89 -0.16	22.15 -0.85 -0.02	19.57 -0.83 0.00	21.81 -0.63 0.00	22.47 -0.68 0.00	19.92 -0.76 -0.03	19.16 -0.41 -0.01	18.16 -0.55 0.00	18.42 -0.57 0.00	19.66 -0.51 0.00	20.62 -0.60 0.00	20.75 -0.96 0.00	20.66 -0.91 0.00	23.54 -1.03 0.00	21.59 -0.88 -2.66	22.79 -1.04 -2.34	28.63 -1.21 0.00	24.48 -1.16 0.00	13.67 -0.57 -1.34
BETHLHEM_115KV_TB1 79974	17.64 0.56 0.00	17.53 0.58 0.00	17.11 0.58 0.00	17.25 0.56 -1.08	17.18 0.56 -1.30	21.03 0.68 -1.09	23.79 0.81 0.00	21.12 0.72 0.00	23.13 0.70 0.00	23.82 0.67 0.00	21.33 0.68 0.00	20.20 0.63 0.00	19.31 0.60 0.00	19.58 0.58 0.00	20.78 0.61 0.00	21.83 0.61 0.00	22.38 0.68 0.00	22.25 0.68 0.00	25.44 0.87 0.00	38.20 0.76 -17.63	37.82 0.81 -15.52	30.93 1.09 0.00	26.50 0.86 0.00	22.28 0.49 -8.91
BETHPAGE_CC_5 323564	22.23 1.39 -3.77	18.25 1.30 0.00	17.79 1.25 0.00	17.92 1.27 -1.05	17.57 1.16 -1.08	21.54 1.38 -0.90	24.60 1.62 0.00	21.70 1.30 0.00	24.08 1.65 0.00	24.74 1.58 0.00	22.22 1.58 0.00	21.02 1.45 0.00	20.13 1.41 0.00	20.44 1.45 0.00	21.77 1.60 0.00	23.98 1.77 -0.99	24.09 1.83 -0.56	23.40 1.83 0.00	26.47 1.90 0.00	98.43 1.55 -77.07	156.50 1.73 -133.28	31.89 2.05 0.00	27.58 1.94 0.00	23.94 1.09 -9.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	16.57 -0.51 0.00	16.44 -0.51 0.00	16.02 -0.52 0.00	15.13 -0.64 -0.16	14.88 -0.64 -0.19	18.67 -0.76 -0.16	22.32 -0.68 -0.02	19.73 -0.67 0.00	21.97 -0.46 0.00	22.57 -0.58 0.00	20.04 -0.63 -0.03	19.31 -0.26 -0.01	18.30 -0.41 0.00	18.57 -0.42 0.00	19.82 -0.35 0.00	20.79 -0.43 0.00	20.92 -0.78 0.00	20.83 -0.74 0.00	23.73 -0.84 0.00	21.78 -0.74 -2.70	22.98 -0.89 -2.38	28.84 -1.00 0.00	24.66 -0.98 0.00	13.77 -0.49 -1.37
BINGHAMTON___COGEN 23790	17.26 0.19 0.00	17.11 0.16 0.00	16.67 0.13 0.00	15.97 0.08 -0.28	15.76 0.10 -0.34	19.71 0.16 -0.28	23.26 0.28 0.00	20.59 0.19 0.00	22.68 0.25 0.00	23.35 0.20 0.00	20.86 0.21 0.00	19.84 0.27 0.00	18.94 0.22 0.00	19.19 0.20 0.00	20.43 0.26 0.00	21.48 0.26 0.00	21.93 0.23 0.00	21.80 0.23 0.00	24.87 0.30 0.00	24.78 0.20 -4.75	25.86 0.19 -4.18	30.12 0.27 0.00	25.83 0.20 0.00	15.37 0.07 -2.40
BIXINCNT_115KV_LOAD 355685	16.97 -0.11 0.00	16.86 -0.09 0.00	16.42 -0.12 0.00	15.49 -0.29 -0.17	15.25 -0.27 -0.20	19.12 -0.31 -0.17	22.85 -0.15 -0.02	20.16 -0.24 0.00	22.41 -0.02 0.00	23.22 0.06 0.00	20.61 -0.06 -0.02	19.82 0.25 0.00	18.78 0.07 0.00	19.04 0.05 0.00	20.35 0.17 0.00	21.35 0.13 0.00	21.46 -0.24 0.00	21.30 -0.27 0.00	24.24 -0.33 0.00	22.28 -0.36 -2.83	23.43 -0.56 -2.49	29.12 -0.73 0.00	24.86 -0.78 0.00	13.86 -0.46 -1.43
BLACK RIVER___HYD 24047	17.30 0.23 0.00	17.07 0.12 0.00	16.72 0.19 0.00	15.79 0.13 -0.06	15.59 0.20 -0.07	19.69 0.37 -0.06	23.55 0.57 0.00	20.76 0.36 0.00	22.66 0.22 0.00	23.10 -0.05 0.00	20.39 -0.26 0.00	19.28 -0.28 0.00	18.42 -0.30 0.00	18.66 -0.34 0.00	19.77 -0.40 0.00	20.73 -0.49 0.00	21.19 -0.51 0.00	21.14 -0.43 0.00	24.37 -0.20 0.00	20.86 0.10 -0.94	22.82 0.50 -0.82	30.64 0.80 0.00	26.01 0.37 0.00	13.10 -0.26 -0.47

BLACKRVR_115KV_TB2 79977	17.30 0.23 0.00	17.07 0.12 0.00	16.72 0.19 0.00	15.79 0.13 -0.06	15.59 0.20 -0.07	19.69 0.37 -0.06	23.55 0.57 0.00	20.76 0.36 0.00	22.65 0.22 0.00	23.10 -0.05 0.00	20.38 -0.27 0.00	19.28 -0.28 0.00	18.42 -0.30 0.00	18.65 -0.34 0.00	19.77 -0.40 0.00	20.73 -0.49 0.00	21.19 -0.51 0.00	21.14 -0.43 0.00	24.37 -0.20 0.00	20.87 0.11 -0.94	22.82 0.50 -0.82	30.64 0.79 0.00	26.01 0.37 0.00	13.10 -0.26 -0.47
BLISS_WT_PWR 323608	16.96 -0.11 0.00	16.88 -0.08 0.00	16.42 -0.12 0.00	15.48 -0.30 -0.17	15.25 -0.27 -0.20	19.11 -0.32 -0.17	22.84 -0.15 -0.02	20.17 -0.23 0.00	22.40 -0.03 0.00	23.24 0.09 0.00	20.66 -0.01 -0.02	19.84 0.27 0.00	18.80 0.09 0.00	19.06 0.07 0.00	20.37 0.20 0.00	21.37 0.15 0.00	21.47 -0.23 0.00	21.31 -0.26 0.00	24.24 -0.33 0.00	22.27 -0.38 -2.83	23.42 -0.56 -2.49	29.02 -0.83 0.00	24.74 -0.90 0.00	13.79 -0.54 -1.43
BLUE_CIRC_CHEM_DRP 24182	17.71 0.64 0.00	17.63 0.68 0.00	17.22 0.68 0.00	17.33 0.66 -1.06	17.26 0.66 -1.28	21.15 0.81 -1.07	23.95 0.97 0.00	21.24 0.83 0.00	23.22 0.79 0.00	23.90 0.75 0.00	21.41 0.76 0.00	20.27 0.70 0.00	19.37 0.65 0.00	19.63 0.63 0.00	20.84 0.67 0.00	21.88 0.66 0.00	22.42 0.72 0.00	22.30 0.73 0.00	25.51 0.94 0.00	37.96 0.82 -17.33	37.63 0.88 -15.26	31.02 1.18 0.00	26.58 0.94 0.00	22.16 0.52 -8.76
BOC_GAS_DRP 24189	17.59 0.51 0.00	17.49 0.53 0.00	17.07 0.53 0.00	17.21 0.53 -1.08	17.13 0.51 -1.30	20.97 0.62 -1.09	23.71 0.73 0.00	21.04 0.64 0.00	23.06 0.63 0.00	23.75 0.60 0.00	21.28 0.63 0.00	20.15 0.58 0.00	19.27 0.56 0.00	19.53 0.54 0.00	20.74 0.57 0.00	21.79 0.57 0.00	22.33 0.63 0.00	22.19 0.62 0.00	25.32 0.75 0.00	38.05 0.64 -17.59	37.66 0.68 -15.48	30.76 0.92 0.00	26.37 0.74 0.00	22.20 0.42 -8.89
BOONVILLE_115KV_TB1 79983	17.41 0.33 0.00	17.24 0.29 0.00	16.83 0.29 0.00	15.90 0.25 -0.04	15.66 0.29 -0.04	19.73 0.43 -0.04	23.58 0.60 0.00	20.81 0.40 0.00	22.87 0.44 0.00	23.49 0.33 0.00	20.87 0.22 0.00	19.77 0.20 0.00	18.87 0.15 0.00	19.13 0.13 0.00	20.30 0.13 0.00	21.33 0.11 0.00	21.83 0.13 0.00	21.74 0.17 0.00	24.90 0.33 0.00	20.80 0.39 -0.59	22.52 0.51 -0.52	30.60 0.76 0.00	26.08 0.45 0.00	13.23 0.04 -0.30
BORALEX_4TH_BRANCH 23824	17.78 0.70 0.00	17.72 0.77 0.00	17.31 0.77 0.00	17.46 0.77 -1.08	17.41 0.78 -1.31	21.29 0.94 -1.09	24.08 1.10 0.00	21.34 0.94 0.00	23.27 0.84 0.00	24.01 0.86 0.00	21.51 0.86 0.00	20.33 0.77 0.00	19.42 0.71 0.00	19.70 0.71 0.00	20.80 0.63 0.00	21.68 0.47 0.00	22.24 0.54 0.00	22.12 0.55 0.00	25.44 0.87 0.00	38.41 0.96 -17.64	38.11 1.09 -15.52	31.30 1.46 0.00	26.66 1.03 0.00	22.41 0.61 -8.91
BOWLINE___1 23526	17.97 0.90 0.00	17.81 0.86 0.00	17.36 0.82 0.00	17.31 0.82 -0.87	17.15 0.77 -1.06	21.06 0.92 -0.88	24.15 1.17 0.00	21.49 1.09 0.00	23.64 1.21 0.00	24.35 1.19 0.00	21.83 1.18 0.00	20.65 1.09 0.00	19.81 1.09 0.00	20.04 1.04 0.00	21.32 1.15 0.00	22.49 1.27 0.00	23.11 1.40 0.00	22.91 1.34 0.00	25.98 1.41 0.00	34.67 1.11 -13.75	34.80 1.20 -12.10	31.41 1.57 0.00	27.02 1.39 0.00	20.56 0.72 -6.95
BOWLINE___2 23595	17.97 0.90 0.00	17.81 0.86 0.00	17.36 0.82 0.00	17.31 0.82 -0.87	17.15 0.77 -1.06	21.06 0.92 -0.88	24.15 1.17 0.00	21.49 1.09 0.00	23.64 1.21 0.00	24.35 1.19 0.00	21.83 1.18 0.00	20.65 1.09 0.00	19.81 1.09 0.00	20.04 1.04 0.00	21.32 1.15 0.00	22.49 1.27 0.00	23.11 1.40 0.00	22.91 1.34 0.00	25.98 1.41 0.00	34.68 1.11 -13.75	34.80 1.21 -12.10	31.41 1.57 0.00	27.02 1.39 0.00	20.56 0.72 -6.95
BRADY___115KV_TB2 356060	17.12 0.04 0.00	16.99 0.03 0.00	16.59 0.05 0.00	15.64 0.03 0.00	15.37 0.05 0.00	19.36 0.10 0.00	23.08 0.10 0.00	20.44 0.04 0.00	22.51 0.07 0.00	23.27 0.12 0.00	20.54 -0.10 0.00	19.41 -0.16 0.00	18.60 -0.11 0.00	18.88 -0.12 0.00	19.93 -0.24 0.00	20.95 -0.27 0.00	21.37 -0.33 0.00	21.19 -0.38 0.00	24.16 -0.41 0.00	19.53 -0.29 0.00	21.25 -0.25 0.00	29.63 -0.22 0.00	25.56 -0.08 0.00	12.81 -0.08 0.00
BRANSCOMB___SOLAR 323811	17.84 0.76 0.00	17.77 0.82 0.00	17.36 0.82 0.00	17.52 0.80 -1.11	17.49 0.82 -1.35	21.41 1.03 -1.12	24.24 1.26 0.00	21.46 1.06 0.00	23.38 0.94 0.00	24.05 0.90 0.00	21.53 0.89 0.00	20.39 0.83 0.00	19.47 0.75 0.00	19.74 0.74 0.00	20.97 0.79 0.00	21.99 0.77 0.00	22.57 0.87 0.00	22.48 0.91 0.00	25.82 1.25 0.00	39.16 1.14 -18.21	38.79 1.27 -16.03	31.51 1.67 0.00	26.89 1.25 0.00	22.76 0.67 -9.20
BRENTWOD_69_KV_W. BRTWOOD 56703	24.41 1.56 -5.78	18.87 1.43 -0.48	18.48 1.39 -0.55	18.33 1.42 -1.30	18.31 1.30 -1.69	23.64 1.55 -2.82	24.80 1.83 0.00	21.82 1.42 0.00	24.26 1.83 0.00	24.85 1.70 0.00	22.31 1.66 0.00	21.09 1.52 0.00	20.17 1.45 0.00	20.52 1.52 0.00	21.86 1.69 0.00	24.11 1.89 -0.99	24.17 1.91 -0.56	23.57 2.00 0.00	26.69 2.11 0.00	102.44 1.71 -80.91	162.13 1.96 -138.68	32.20 2.27 -0.08	27.81 2.17 0.00	24.09 1.23 -9.97
BRISTLHL_115KV_TB1 79998	16.65 -0.42 0.00	16.52 -0.44 0.00	16.10 -0.44 0.00	15.26 -0.43 -0.08	15.01 -0.41 -0.10	18.87 -0.48 -0.09	22.50 -0.47 0.00	19.94 -0.47 0.00	21.93 -0.50 0.00	22.56 -0.59 0.00	20.12 -0.52 0.00	19.12 -0.44 0.00	18.25 -0.46 0.00	18.51 -0.49 0.00	19.67 -0.51 0.00	20.68 -0.54 0.00	21.11 -0.59 0.00	21.01 -0.56 0.00	24.00 -0.57 0.00	20.83 -0.44 -1.45	22.30 -0.48 -1.28	29.18 -0.66 0.00	24.98 -0.66 0.00	13.27 -0.36 -0.73
BROOKHAVEN___DRP 24191	32.14 1.59 -13.47	20.76 1.48 -2.33	20.63 1.45 -2.65	19.35 1.47 -2.28	20.68 1.34 -4.02	30.92 1.59 -10.07	24.83 1.85 -0.01	21.91 1.51 0.00	24.23 1.80 0.00	24.76 1.61 0.00	22.19 1.54 0.00	20.95 1.39 0.00	20.06 1.35 0.00	20.42 1.42 0.00	21.77 1.60 0.00	24.01 1.80 -0.99	24.03 1.77 -0.56	23.56 1.99 0.00	26.69 2.12 0.00	109.67 1.71 -88.14	169.39 1.99 -145.90	32.49 2.27 -0.38	27.85 2.20 -0.02	24.09 1.22 -9.97
BROOKLYN_NAVY_YARD 23515	18.04 0.97 0.00	17.88 0.93 0.00	17.43 0.89 0.00	17.40 0.89 -0.90	17.23 0.83 -1.08	21.13 0.97 -0.90	24.21 1.23 0.00	21.57 1.17 0.00	23.76 1.33 0.00	24.49 1.34 0.00	21.96 1.31 0.00	20.78 1.21 0.00	19.95 1.23 0.00	20.17 1.18 0.00	21.46 1.29 0.00	22.64 1.42 0.00	23.27 1.57 0.00	23.04 1.47 0.00	26.07 1.50 0.00	35.16 1.15 -14.19	35.21 1.23 -12.49	31.47 1.62 0.00	27.11 1.48 0.00	20.83 0.77 -7.17
BROOKLYN___ARMY_DRP 323595	18.14 1.07 0.00	17.92 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.17 1.00 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.42 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.30 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.35 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.25 -14.19	35.33 1.35 -12.49	31.62 1.78 0.00	27.24 1.60 0.00	20.90 0.84 -7.17

BROOKVLE_69_KV_TB1 55790	22.13 1.29 -3.77	18.17 1.21 0.00	17.70 1.16 0.00	17.82 1.17 -1.05	17.50 1.09 -1.08	21.45 1.29 -0.90	24.53 1.55 0.00	21.73 1.33 0.00	24.00 1.57 0.00	24.70 1.55 0.00	22.21 1.56 0.00	21.02 1.46 0.00	20.16 1.44 0.00	20.44 1.44 0.00	21.79 1.61 0.00	23.98 1.77 -0.99	24.12 1.86 -0.56	23.39 1.81 0.00	26.47 1.89 0.00	97.95 1.49 -76.64	155.68 1.67 -132.52	31.90 2.05 0.00	27.50 1.87 0.00	23.87 1.02 -9.97
BROOME_2_LFGE 323671	17.26 0.19 0.00	17.11 0.16 0.00	16.67 0.14 0.00	15.97 0.09 -0.28	15.76 0.10 -0.34	19.71 0.16 -0.28	23.26 0.28 0.00	20.59 0.19 0.00	22.68 0.25 0.00	23.35 0.20 0.00	20.86 0.21 0.00	19.84 0.27 0.00	18.94 0.22 0.00	19.19 0.20 0.00	20.43 0.26 0.00	21.48 0.26 0.00	21.93 0.23 0.00	21.80 0.23 0.00	24.87 0.30 0.00	24.77 0.19 -4.75	25.87 0.19 -4.18	30.12 0.27 0.00	25.83 0.20 0.00	15.36 0.07 -2.40
BROOME__LFGE 323600	17.26 0.19 0.00	17.11 0.16 0.00	16.67 0.14 0.00	15.97 0.09 -0.28	15.76 0.10 -0.34	19.71 0.16 -0.28	23.26 0.28 0.00	20.59 0.19 0.00	22.68 0.25 0.00	23.35 0.20 0.00	20.86 0.21 0.00	19.84 0.27 0.00	18.94 0.22 0.00	19.19 0.20 0.00	20.43 0.26 0.00	21.48 0.26 0.00	21.93 0.23 0.00	21.80 0.23 0.00	24.87 0.30 0.00	24.77 0.19 -4.75	25.87 0.19 -4.18	30.12 0.27 0.00	25.83 0.20 0.00	15.36 0.07 -2.40
BROWNFLS_115KV_TB_3_5 80003	17.13 0.06 0.00	16.96 0.01 0.00	16.57 0.04 0.00	15.64 0.00 -0.03	15.41 0.05 -0.03	19.42 0.13 -0.03	23.20 0.23 0.00	20.55 0.14 0.00	22.54 0.10 0.00	23.14 -0.02 0.00	20.42 -0.23 0.00	19.30 -0.27 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.69 -0.48 0.00	20.66 -0.56 0.00	21.10 -0.61 0.00	20.93 -0.64 0.00	23.99 -0.59 0.00	19.99 -0.31 -0.48	21.75 -0.17 -0.42	29.79 -0.06 0.00	25.58 -0.06 0.00	12.88 -0.25 -0.24
BROWNSV1_27_KV_LOAD 356125	18.21 1.14 0.00	18.04 1.09 0.00	17.58 1.04 0.00	17.53 1.03 -0.90	17.37 0.96 -1.08	21.31 1.14 -0.90	24.42 1.45 0.00	21.78 1.38 0.00	24.01 1.58 0.00	24.73 1.58 0.00	22.18 1.54 0.00	20.99 1.42 0.00	20.15 1.44 0.00	20.39 1.39 0.00	21.69 1.52 0.00	22.87 1.65 0.00	23.50 1.80 0.00	23.29 1.72 0.00	26.35 1.78 0.00	35.39 1.38 -14.19	35.48 1.49 -12.49	31.81 1.97 0.00	27.41 1.77 0.00	20.96 0.90 -7.17
BURROWS__LYONSDAL 23803	17.37 0.30 0.00	17.20 0.24 0.00	16.80 0.26 0.00	15.86 0.21 -0.04	15.63 0.27 -0.04	19.70 0.40 -0.04	23.55 0.58 0.00	20.79 0.38 0.00	22.84 0.40 0.00	23.43 0.28 0.00	20.79 0.14 0.00	19.68 0.12 0.00	18.79 0.08 0.00	19.05 0.06 0.00	20.21 0.04 0.00	21.23 0.01 0.00	21.72 0.02 0.00	21.63 0.06 0.00	24.79 0.22 0.00	20.75 0.32 -0.61	22.50 0.47 -0.54	30.57 0.72 0.00	26.02 0.38 0.00	13.15 -0.05 -0.31
CAITHNESS_CC_1 323624	32.04 1.54 -13.43	20.70 1.43 -2.32	20.57 1.39 -2.64	19.30 1.42 -2.28	20.62 1.30 -4.00	30.81 1.53 -10.02	24.76 1.77 -0.01	21.83 1.43 0.00	24.17 1.74 0.00	24.71 1.56 0.00	22.14 1.49 0.00	20.92 1.35 0.00	20.03 1.32 0.00	20.39 1.39 0.00	21.73 1.56 0.00	23.98 1.77 -0.99	24.02 1.76 -0.56	23.52 1.95 0.00	26.61 2.04 0.00	109.60 1.69 -88.09	169.26 1.91 -145.86	32.38 2.16 -0.38	27.76 2.11 -0.02	24.05 1.19 -9.97
CALPINE BETH_PAGE_GT4 24209	22.23 1.38 -3.77	18.25 1.30 0.00	17.79 1.25 0.00	17.92 1.26 -1.05	17.57 1.16 -1.08	21.54 1.37 -0.90	24.59 1.61 0.00	21.72 1.32 0.00	24.07 1.64 0.00	24.74 1.59 0.00	22.23 1.58 0.00	21.02 1.45 0.00	20.13 1.42 0.00	20.44 1.44 0.00	21.77 1.60 0.00	23.98 1.76 -0.99	24.06 1.81 -0.56	23.36 1.79 0.00	26.44 1.87 0.00	97.71 1.49 -76.40	155.27 1.69 -132.09	31.86 2.01 0.00	27.55 1.91 0.00	23.93 1.07 -9.97
CALPINE_BETH_PAGE_GT_4 323586	22.23 1.38 -3.77	18.25 1.30 0.00	17.79 1.25 0.00	17.92 1.26 -1.05	17.56 1.16 -1.08	21.54 1.37 -0.90	24.59 1.61 0.00	21.70 1.30 0.00	24.07 1.64 0.00	24.74 1.59 0.00	22.23 1.58 0.00	21.02 1.45 0.00	20.13 1.42 0.00	20.44 1.44 0.00	21.77 1.59 0.00	23.98 1.76 -0.99	24.07 1.82 -0.56	23.37 1.80 0.00	26.45 1.87 0.00	97.74 1.52 -76.40	155.27 1.69 -132.09	31.86 2.01 0.00	27.55 1.91 0.00	23.93 1.07 -9.97
CALPINE_BP_GT1 23823	22.23 1.38 -3.77	18.25 1.30 0.00	17.79 1.25 0.00	17.92 1.26 -1.05	17.56 1.16 -1.08	21.54 1.37 -0.90	24.59 1.61 0.00	21.70 1.30 0.00	24.07 1.64 0.00	24.74 1.59 0.00	22.23 1.58 0.00	21.02 1.45 0.00	20.13 1.42 0.00	20.44 1.44 0.00	21.77 1.59 0.00	23.98 1.76 -0.99	24.07 1.82 -0.56	23.37 1.80 0.00	26.45 1.87 0.00	97.74 1.52 -76.40	155.27 1.69 -132.09	31.86 2.01 0.00	27.55 1.91 0.00	23.93 1.07 -9.97
CALSPAN__DRP 24200	16.44 -0.63 0.00	16.32 -0.63 0.00	15.90 -0.64 0.00	15.02 -0.75 -0.16	14.77 -0.74 -0.19	18.53 -0.89 -0.16	22.15 -0.85 -0.02	19.57 -0.83 0.00	21.81 -0.63 0.00	22.47 -0.68 0.00	19.92 -0.76 -0.03	19.16 -0.41 -0.01	18.16 -0.55 0.00	18.42 -0.57 0.00	19.66 -0.51 0.00	20.62 -0.60 0.00	20.75 -0.96 0.00	20.66 -0.91 0.00	23.54 -1.03 0.00	21.59 -0.88 -2.66	22.79 -1.04 -2.34	28.63 -1.21 0.00	24.48 -1.16 0.00	13.67 -0.57 -1.34
CALVERTON__SOLAR 323806	32.22 1.65 -13.50	20.83 1.54 -2.34	20.69 1.50 -2.66	19.41 1.52 -2.28	20.75 1.40 -4.02	31.01 1.66 -10.09	24.92 1.93 -0.01	21.98 1.58 0.00	24.31 1.88 0.00	24.83 1.68 0.00	22.24 1.59 0.00	21.00 1.44 0.00	20.11 1.39 0.00	20.46 1.47 0.00	21.81 1.64 0.00	24.07 1.86 -0.99	24.10 1.84 -0.56	23.66 2.09 0.00	26.80 2.22 0.00	109.82 1.85 -88.16	169.51 2.09 -145.92	32.61 2.39 -0.38	27.95 2.29 -0.02	24.13 1.28 -9.97
CANDIGU_WT_PWR 323617	16.91 -0.17 0.00	16.76 -0.18 0.00	16.32 -0.22 0.00	15.48 -0.33 -0.21	15.24 -0.33 -0.25	19.09 -0.38 -0.21	22.58 -0.40 0.00	19.91 -0.50 0.00	22.08 -0.35 0.00	22.83 -0.33 0.00	20.41 -0.24 -0.01	19.58 0.01 0.00	18.62 -0.10 0.00	18.85 -0.15 0.00	20.10 -0.07 0.00	21.08 -0.14 0.00	21.37 -0.33 0.00	21.21 -0.36 0.00	24.12 -0.45 0.00	22.76 -0.54 -3.48	23.86 -0.70 -3.07	28.89 -0.95 0.00	24.67 -0.97 0.00	14.12 -0.54 -1.76
CARR STREET_E_SYR 24060	16.80 -0.28 0.00	16.66 -0.29 0.00	16.23 -0.30 0.00	15.39 -0.31 -0.09	15.14 -0.29 -0.11	19.03 -0.33 -0.09	22.69 -0.29 0.00	20.10 -0.31 0.00	22.12 -0.31 0.00	22.77 -0.39 0.00	20.31 -0.34 0.00	19.30 -0.27 0.00	18.42 -0.29 0.00	18.68 -0.31 0.00	19.86 -0.31 0.00	20.88 -0.34 0.00	21.32 -0.38 0.00	21.21 -0.36 0.00	24.22 -0.35 0.00	21.12 -0.28 -1.58	22.58 -0.30 -1.39	29.41 -0.43 0.00	25.18 -0.46 0.00	13.43 -0.25 -0.80
CARTHAGE__PAPER 23857	17.35 0.28 0.00	17.14 0.19 0.00	16.77 0.24 0.00	15.84 0.18 -0.05	15.63 0.25 -0.06	19.74 0.43 -0.05	23.60 0.62 0.00	20.81 0.41 0.00	22.73 0.30 0.00	23.21 0.05 0.00	20.45 -0.19 0.00	19.34 -0.23 0.00	18.47 -0.24 0.00	18.71 -0.28 0.00	19.81 -0.36 0.00	20.78 -0.44 0.00	21.24 -0.46 0.00	21.19 -0.38 0.00	24.43 -0.15 0.00	20.80 0.14 -0.84	22.71 0.47 -0.74	30.62 0.78 0.00	26.04 0.40 0.00	13.11 -0.20 -0.42

CASSADAGA_WT_PWR 323784	16.96 -0.12 0.00	16.83 -0.12 0.00	16.33 -0.21 0.00	15.35 -0.43 -0.16	15.09 -0.43 -0.20	18.97 -0.45 -0.16	22.73 -0.26 -0.02	20.21 -0.19 0.00	22.61 0.18 0.00	23.37 0.21 0.00	20.73 0.07 -0.02	19.92 0.35 0.00	18.86 0.15 0.00	19.13 0.14 0.00	20.39 0.22 0.00	21.38 0.16 0.00	21.46 -0.24 0.00	21.36 -0.21 0.00	24.36 -0.21 0.00	22.35 -0.23 -2.77	23.62 -0.31 -2.43	29.64 -0.21 0.00	24.87 -0.76 0.00	13.59 -0.70 -1.40
CE_DUNWOOD___DRP 24194	18.03 0.95 0.00	17.86 0.91 0.00	17.41 0.87 0.00	17.38 0.87 -0.90	17.22 0.82 -1.08	21.13 0.97 -0.90	24.20 1.22 0.00	21.54 1.14 0.00	23.71 1.28 0.00	24.43 1.27 0.00	21.91 1.26 0.00	20.73 1.16 0.00	19.88 1.17 0.00	20.13 1.13 0.00	21.41 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	22.98 1.41 0.00	26.06 1.49 0.00	35.14 1.16 -14.16	35.22 1.26 -12.47	31.49 1.65 0.00	27.09 1.46 0.00	20.81 0.76 -7.16
CE_MILLWOOD___DRP 24193	18.00 0.93 0.00	17.85 0.89 0.00	17.39 0.85 0.00	17.36 0.85 -0.89	17.20 0.80 -1.08	21.11 0.95 -0.90	24.18 1.20 0.00	21.52 1.12 0.00	23.68 1.25 0.00	24.38 1.23 0.00	21.87 1.22 0.00	20.69 1.13 0.00	19.85 1.13 0.00	20.09 1.09 0.00	21.37 1.20 0.00	22.52 1.30 0.00	23.14 1.44 0.00	22.94 1.37 0.00	26.02 1.45 0.00	35.06 1.13 -14.11	35.15 1.24 -12.42	31.45 1.61 0.00	27.06 1.42 0.00	20.77 0.75 -7.13
CE_NYC2_DRP 24202	18.08 1.01 0.00	17.91 0.95 0.00	17.46 0.92 0.00	17.42 0.91 -0.90	17.25 0.84 -1.08	21.16 0.99 -0.90	24.26 1.28 0.00	21.61 1.21 0.00	23.81 1.38 0.00	24.55 1.39 0.00	22.01 1.36 0.00	20.82 1.25 0.00	19.99 1.28 0.00	20.23 1.23 0.00	21.51 1.34 0.00	22.68 1.46 0.00	23.30 1.60 0.00	23.09 1.52 0.00	26.14 1.56 0.00	35.21 1.20 -14.19	35.28 1.30 -12.49	31.54 1.70 0.00	27.17 1.53 0.00	20.87 0.81 -7.17
CE_NYC_DRP 24195	18.07 1.00 0.00	17.91 0.96 0.00	17.46 0.92 0.00	17.42 0.92 -0.90	17.26 0.85 -1.08	21.17 1.00 -0.90	24.24 1.26 0.00	21.59 1.19 0.00	23.80 1.37 0.00	24.53 1.38 0.00	22.00 1.36 0.00	20.82 1.26 0.00	19.99 1.28 0.00	20.22 1.23 0.00	21.51 1.34 0.00	22.69 1.47 0.00	23.32 1.61 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.21 1.20 -14.19	35.28 1.29 -12.49	31.54 1.70 0.00	27.17 1.53 0.00	20.86 0.80 -7.17
CHAFFEE___LFGE 323603	16.53 -0.55 0.00	16.41 -0.54 0.00	15.98 -0.56 0.00	15.09 -0.68 -0.16	14.86 -0.66 -0.20	18.62 -0.80 -0.16	22.27 -0.73 -0.02	19.70 -0.71 0.00	21.93 -0.51 0.00	22.57 -0.58 0.00	20.04 -0.63 -0.02	19.27 -0.30 0.00	18.26 -0.46 0.00	18.52 -0.48 0.00	19.77 -0.40 0.00	20.74 -0.48 0.00	20.86 -0.84 0.00	20.79 -0.78 0.00	23.70 -0.87 0.00	21.78 -0.78 -2.74	23.01 -0.90 -2.42	28.78 -1.06 0.00	24.61 -1.03 0.00	13.76 -0.52 -1.39
CHATEAUG_35_KV_LOAD 355732	17.07 0.00 0.00	16.97 0.02 0.00	16.46 -0.08 0.00	15.49 -0.12 0.00	15.23 -0.09 0.00	19.15 -0.12 0.00	22.95 -0.03 0.00	20.62 0.22 0.00	22.69 0.26 0.00	23.33 0.18 0.00	20.41 -0.24 0.00	19.27 -0.30 0.00	18.52 -0.20 0.00	18.92 -0.08 0.00	20.06 -0.11 0.00	21.16 -0.06 0.00	21.65 -0.05 0.00	21.53 -0.04 0.00	24.68 0.11 0.00	19.94 0.12 0.00	21.68 0.19 0.00	30.14 0.30 0.00	25.84 0.20 0.00	12.98 0.09 0.00
CHATEAUG_WT_PWR 323614	17.06 -0.01 0.00	16.97 0.02 0.00	16.46 -0.08 0.00	15.49 -0.12 0.00	15.23 -0.09 0.00	19.15 -0.12 0.00	22.96 -0.02 0.00	20.62 0.22 0.00	22.69 0.25 0.00	23.32 0.16 0.00	20.40 -0.25 0.00	19.25 -0.32 0.00	18.50 -0.21 0.00	18.90 -0.10 0.00	20.06 -0.12 0.00	21.14 -0.08 0.00	21.65 -0.05 0.00	21.53 -0.04 0.00	24.69 0.12 0.00	19.95 0.13 0.00	21.69 0.20 0.00	30.13 0.28 0.00	25.81 0.18 0.00	12.97 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	17.07 0.00 0.00	16.97 0.02 0.00	16.46 -0.08 0.00	15.49 -0.12 0.00	15.23 -0.09 0.00	19.15 -0.12 0.00	22.95 -0.03 0.00	20.61 0.21 0.00	22.69 0.26 0.00	23.33 0.18 0.00	20.41 -0.24 0.00	19.27 -0.30 0.00	18.52 -0.20 0.00	18.92 -0.08 0.00	20.07 -0.11 0.00	21.16 -0.06 0.00	21.66 -0.05 0.00	21.54 -0.03 0.00	24.68 0.11 0.00	19.95 0.13 0.00	21.68 0.19 0.00	30.14 0.30 0.00	25.84 0.20 0.00	12.98 0.09 0.00
CHAUTAUQUA___LFGE 323629	16.63 -0.44 0.00	16.51 -0.44 0.00	16.05 -0.49 0.00	15.14 -0.62 -0.16	14.89 -0.62 -0.19	18.69 -0.73 -0.16	22.39 -0.60 -0.02	19.84 -0.56 0.00	22.15 -0.28 0.00	22.83 -0.32 0.00	20.24 -0.42 -0.02	19.45 -0.12 0.00	18.42 -0.29 0.00	18.69 -0.31 0.00	19.92 -0.25 0.00	20.89 -0.33 0.00	21.00 -0.71 0.00	20.92 -0.65 0.00	23.86 -0.72 0.00	21.90 -0.63 -2.71	23.15 -0.72 -2.38	29.05 -0.79 0.00	24.66 -0.98 0.00	13.65 -0.60 -1.37
CHERRYST_13_KV_LD 356241	18.12 1.05 0.00	17.96 1.00 0.00	17.50 0.96 0.00	17.46 0.95 -0.90	17.30 0.89 -1.08	21.22 1.05 -0.90	24.30 1.33 0.00	21.65 1.25 0.00	23.88 1.45 0.00	24.61 1.46 0.00	22.08 1.43 0.00	20.89 1.32 0.00	20.06 1.34 0.00	20.29 1.30 0.00	21.58 1.41 0.00	22.77 1.55 0.00	23.40 1.70 0.00	23.16 1.59 0.00	26.21 1.64 0.00	35.26 1.25 -14.19	35.34 1.35 -12.49	31.62 1.78 0.00	27.23 1.60 0.00	20.89 0.83 -7.17
CHESTROR_138KV_BK263 355645	17.89 0.82 0.00	17.74 0.79 0.00	17.29 0.75 0.00	17.19 0.75 -0.83	17.03 0.70 -1.01	20.95 0.84 -0.84	24.06 1.08 0.00	21.40 1.00 0.00	23.52 1.09 0.00	24.20 1.05 0.00	21.68 1.04 0.00	20.52 0.95 0.00	19.66 0.94 0.00	19.90 0.90 0.00	21.16 0.99 0.00	22.31 1.10 0.00	22.93 1.23 0.00	22.75 1.17 0.00	25.83 1.26 0.00	33.95 1.00 -13.13	34.15 1.10 -11.56	31.27 1.43 0.00	26.89 1.25 0.00	20.18 0.66 -6.64
CH_MIDHUDSON___DRP 24192	18.00 0.93 0.00	17.85 0.89 0.00	17.39 0.85 0.00	17.36 0.85 -0.91	17.22 0.81 -1.10	21.15 0.97 -0.91	24.20 1.22 0.00	21.52 1.12 0.00	23.64 1.21 0.00	24.33 1.17 0.00	21.81 1.16 0.00	20.64 1.07 0.00	19.77 1.06 0.00	20.02 1.02 0.00	21.29 1.12 0.00	22.43 1.21 0.00	23.03 1.33 0.00	22.87 1.30 0.00	25.98 1.41 0.00	35.35 1.12 -14.40	35.40 1.22 -12.68	31.45 1.61 0.00	27.01 1.38 0.00	20.90 0.73 -7.28
CH_MISC_IPPS 23765	18.10 1.03 0.00	17.94 0.99 0.00	17.48 0.95 0.00	17.43 0.94 -0.89	17.29 0.89 -1.08	21.24 1.08 -0.90	24.35 1.37 0.00	21.66 1.26 0.00	23.80 1.37 0.00	24.47 1.32 0.00	21.93 1.28 0.00	20.75 1.19 0.00	19.89 1.17 0.00	20.12 1.13 0.00	21.40 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	23.03 1.46 0.00	26.17 1.59 0.00	35.22 1.27 -14.14	35.32 1.38 -12.44	31.66 1.82 0.00	27.20 1.56 0.00	20.85 0.82 -7.14
CH_RES_BVR_FALLS 23983	16.88 -0.20 0.00	16.75 -0.21 0.00	16.35 -0.19 0.00	15.41 -0.20 0.00	15.14 -0.18 0.00	19.02 -0.24 0.00	22.68 -0.30 0.00	20.17 -0.23 0.00	22.21 -0.22 0.00	22.96 -0.19 0.00	20.43 -0.22 0.00	19.34 -0.22 0.00	18.52 -0.20 0.00	18.80 -0.19 0.00	19.94 -0.23 0.00	20.99 -0.23 0.00	21.44 -0.27 0.00	21.30 -0.27 0.00	24.22 -0.35 0.00	19.55 -0.26 0.00	21.22 -0.28 0.00	29.36 -0.48 0.00	24.88 -0.76 0.00	12.40 -0.49 0.00

CH_RES_NIAGARA 23895	15.66 -1.41 0.00	15.54 -1.41 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.09 -1.41 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.82 -1.61 0.00	21.42 -1.73 0.00	18.96 -1.67 0.02	18.26 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.73 -1.45 0.00	19.64 -1.58 0.00	19.71 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.47 -1.81 -2.47	21.68 -1.98 -2.17	27.31 -2.54 0.00	23.42 -2.22 0.00	13.17 -0.97 -1.25
CH_RES_SYRACUSE 23985	16.89 -0.19 0.00	16.75 -0.20 0.00	16.33 -0.21 0.00	15.49 -0.22 -0.10	15.24 -0.20 -0.12	19.16 -0.21 -0.10	22.83 -0.15 0.00	20.22 -0.18 0.00	22.24 -0.19 0.00	22.88 -0.27 0.00	20.42 -0.23 0.00	19.42 -0.15 0.00	18.52 -0.20 0.00	18.78 -0.22 0.00	19.98 -0.19 0.00	20.99 -0.23 0.00	21.45 -0.25 0.00	21.33 -0.24 0.00	24.37 -0.21 0.00	21.41 -0.15 -1.74	22.87 -0.15 -1.53	29.59 -0.25 0.00	25.35 -0.29 0.00	13.59 -0.18 -0.88
CLINTON_WT_PWR 323605	17.06 -0.01 0.00	16.97 0.02 0.00	16.46 -0.08 0.00	15.49 -0.12 0.00	15.23 -0.09 0.00	19.15 -0.12 0.00	22.96 -0.02 0.00	20.62 0.22 0.00	22.69 0.25 0.00	23.32 0.16 0.00	20.40 -0.25 0.00	19.25 -0.32 0.00	18.50 -0.21 0.00	18.90 -0.10 0.00	20.06 -0.12 0.00	21.14 -0.08 0.00	21.65 -0.05 0.00	21.53 -0.04 0.00	24.69 0.12 0.00	19.95 0.13 0.00	21.69 0.20 0.00	30.13 0.28 0.00	25.81 0.18 0.00	12.97 0.08 0.00
CLINTON___LFGE 323618	17.20 0.13 0.00	17.12 0.17 0.00	16.59 0.06 0.00	15.63 0.02 0.00	15.36 0.05 0.00	19.33 0.06 0.00	23.20 0.22 0.00	20.84 0.43 0.00	22.89 0.46 0.00	23.50 0.35 0.00	20.57 -0.08 0.00	19.38 -0.18 0.00	18.61 -0.11 0.00	18.99 0.00 0.00	20.16 -0.01 0.00	21.25 0.03 0.00	21.78 0.08 0.00	21.68 0.11 0.00	24.91 0.34 0.00	20.16 0.34 0.00	21.94 0.44 0.00	30.45 0.61 0.00	26.05 0.41 0.00	13.08 0.19 0.00
COBBLENY_34_KV_TB1 80064	16.52 -0.55 0.00	16.40 -0.55 0.00	15.98 -0.56 0.00	15.09 -0.68 -0.16	14.85 -0.67 -0.20	18.62 -0.80 -0.16	22.26 -0.73 -0.02	19.68 -0.72 0.00	21.91 -0.52 0.00	22.57 -0.59 0.00	20.02 -0.65 -0.02	19.27 -0.30 0.00	18.26 -0.46 0.00	18.52 -0.48 0.00	19.76 -0.41 0.00	20.74 -0.48 0.00	20.87 -0.83 0.00	20.80 -0.78 0.00	23.70 -0.87 0.00	21.80 -0.76 -2.74	23.00 -0.91 -2.42	28.77 -1.07 0.00	24.61 -1.03 0.00	13.76 -0.52 -1.39
COFFEEN___115KV_TB3 355620	17.40 0.32 0.00	17.17 0.22 0.00	16.81 0.27 0.00	15.88 0.21 -0.06	15.68 0.29 -0.07	19.81 0.49 -0.06	23.70 0.73 0.00	20.85 0.45 0.00	22.71 0.28 0.00	23.13 -0.02 0.00	20.39 -0.27 0.00	19.28 -0.28 0.00	18.41 -0.30 0.00	18.65 -0.34 0.00	19.76 -0.41 0.00	20.73 -0.49 0.00	21.18 -0.52 0.00	21.14 -0.43 0.00	24.40 -0.17 0.00	20.95 0.17 -0.95	22.97 0.64 -0.84	30.84 1.00 0.00	26.18 0.54 0.00	13.20 -0.17 -0.48
COLDSPRG_115KV_BK1 355956	17.36 0.28 0.00	17.23 0.28 0.00	16.75 0.21 0.00	15.79 0.02 -0.17	15.55 0.02 -0.20	19.55 0.12 -0.17	23.40 0.41 -0.02	20.73 0.33 0.00	23.09 0.66 0.00	23.82 0.66 0.00	21.13 0.46 -0.02	20.34 0.76 0.00	19.27 0.55 0.00	19.55 0.55 0.00	20.85 0.68 0.00	21.89 0.67 0.00	21.99 0.29 0.00	21.83 0.26 0.00	24.85 0.28 0.00	22.83 0.16 -2.85	24.07 0.07 -2.51	30.16 0.32 0.00	25.64 0.00 0.00	14.17 -0.16 -1.44
COLONIE_LFGE___ 323577	17.71 0.64 0.00	17.63 0.68 0.00	17.23 0.69 0.00	17.38 0.68 -1.10	17.33 0.68 -1.33	21.21 0.83 -1.11	23.98 1.00 0.00	21.25 0.85 0.00	23.21 0.78 0.00	23.92 0.76 0.00	21.43 0.78 0.00	20.28 0.71 0.00	19.38 0.66 0.00	19.64 0.65 0.00	20.84 0.67 0.00	21.83 0.61 0.00	22.39 0.69 0.00	22.27 0.70 0.00	25.51 0.94 0.00	38.63 0.89 -17.93	38.25 0.97 -15.78	31.13 1.29 0.00	26.60 0.96 0.00	22.50 0.55 -9.06
COOPERNY_115KV_TB1 80082	17.61 0.54 0.00	17.47 0.52 0.00	17.02 0.48 0.00	16.69 0.48 -0.60	16.51 0.46 -0.73	20.43 0.56 -0.61	23.70 0.72 0.00	21.06 0.66 0.00	23.14 0.71 0.00	23.83 0.68 0.00	21.31 0.66 0.00	20.19 0.62 0.00	19.33 0.62 0.00	19.68 0.68 0.00	20.91 0.74 0.00	22.04 0.82 0.00	22.62 0.92 0.00	22.44 0.87 0.00	25.51 0.94 0.00	31.27 0.74 -10.71	31.74 0.81 -9.43	30.90 1.05 0.00	26.56 0.93 0.00	18.79 0.48 -5.41
COPENHAGEN_WT_PWR 323753	17.20 0.12 0.00	16.95 0.00 0.00	16.62 0.08 0.00	15.70 0.03 -0.06	15.50 0.11 -0.07	19.57 0.25 -0.06	23.39 0.41 0.00	20.65 0.25 0.00	22.57 0.13 0.00	23.04 -0.11 0.00	20.35 -0.30 0.00	19.26 -0.31 0.00	18.39 -0.33 0.00	18.64 -0.36 0.00	19.75 -0.42 0.00	20.71 -0.51 0.00	21.17 -0.53 0.00	21.12 -0.45 0.00	24.32 -0.25 0.00	20.84 0.04 -0.98	22.75 0.39 -0.87	30.49 0.64 0.00	25.86 0.23 0.00	13.00 -0.39 -0.50
CORNELL___ 23752	17.38 0.31 0.00	17.23 0.28 0.00	16.79 0.26 0.00	16.02 0.21 -0.20	15.79 0.23 -0.24	19.83 0.36 -0.20	23.53 0.55 0.00	20.79 0.38 0.00	22.82 0.38 0.00	23.38 0.23 0.00	20.82 0.17 0.00	19.78 0.21 0.00	18.85 0.14 0.00	19.11 0.11 0.00	20.33 0.16 0.00	21.35 0.13 0.00	21.85 0.15 0.00	21.78 0.21 0.00	24.98 0.40 0.00	23.59 0.39 -3.38	24.90 0.43 -2.98	30.39 0.55 0.00	26.00 0.36 0.00	14.73 0.13 -1.71
CORONAAV_69_KV_TB1 355595	22.20 1.36 -3.77	18.23 1.28 0.00	17.76 1.22 0.00	17.89 1.23 -1.05	17.54 1.13 -1.08	21.51 1.34 -0.90	24.54 1.56 0.00	21.65 1.25 0.00	24.05 1.62 0.00	24.75 1.60 0.00	22.27 1.62 0.00	21.06 1.49 0.00	20.17 1.46 0.00	20.47 1.48 0.00	21.80 1.63 0.00	24.00 1.79 -0.99	24.12 1.86 -0.56	23.38 1.81 0.00	26.45 1.88 0.00	100.90 1.49 -79.58	160.97 1.67 -137.81	31.90 2.05 0.00	27.57 1.93 0.00	23.93 1.08 -9.97
CORTLAND_115KV_TB3 80093	17.24 0.16 0.00	17.10 0.14 0.00	16.65 0.12 0.00	15.86 0.08 -0.17	15.62 0.10 -0.20	19.61 0.18 -0.17	23.30 0.33 0.00	20.60 0.20 0.00	22.64 0.21 0.00	23.26 0.10 0.00	20.74 0.09 0.00	19.70 0.14 0.00	18.80 0.08 0.00	19.06 0.06 0.00	20.27 0.10 0.00	21.31 0.08 0.00	21.78 0.08 0.00	21.69 0.11 0.00	24.79 0.22 0.00	22.83 0.21 -2.80	24.19 0.24 -2.46	30.16 0.32 0.00	25.81 0.18 0.00	14.35 0.05 -1.41
COXSACKIE___GT 23611	18.30 1.22 0.00	18.20 1.25 0.00	17.78 1.25 0.00	17.82 1.19 -1.02	17.76 1.21 -1.23	21.87 1.58 -1.03	24.95 1.97 0.00	22.06 1.65 0.00	23.86 1.43 0.00	24.33 1.18 0.00	21.70 1.05 0.00	20.53 0.96 0.00	19.58 0.86 0.00	19.82 0.83 0.00	21.07 0.89 0.00	22.10 0.88 0.00	22.67 0.97 0.00	22.68 1.11 0.00	26.19 1.62 0.00	37.96 1.56 -16.58	37.87 1.77 -14.60	32.30 2.46 0.00	27.52 1.88 0.00	22.22 0.95 -8.38
CPV_VALLEY___CC1 323721	17.85 0.78 0.00	17.70 0.74 0.00	17.24 0.71 0.00	17.16 0.71 -0.84	17.00 0.66 -1.01	20.90 0.79 -0.85	23.98 1.00 0.00	21.34 0.94 0.00	23.46 1.03 0.00	24.15 0.99 0.00	21.65 1.00 0.00	20.49 0.92 0.00	19.63 0.92 0.00	19.80 0.80 0.00	21.06 0.89 0.00	22.21 0.99 0.00	22.82 1.11 0.00	22.61 1.04 0.00	25.68 1.10 0.00	32.97 0.87 -12.27	33.24 0.95 -10.80	31.07 1.22 0.00	26.71 1.07 0.00	19.66 0.57 -6.20

CPV_VALLEY___CC2 323722	17.85 0.78 0.00	17.70 0.74 0.00	17.24 0.71 0.00	17.16 0.71 -0.84	17.00 0.66 -1.01	20.90 0.79 -0.85	23.98 1.00 0.00	21.34 0.94 0.00	23.46 1.03 0.00	24.15 0.99 0.00	21.65 1.00 0.00	20.49 0.92 0.00	19.63 0.92 0.00	19.80 0.80 0.00	21.06 0.89 0.00	22.21 0.99 0.00	22.82 1.11 0.00	22.61 1.04 0.00	25.68 1.10 0.00	32.97 0.87 -12.27	33.24 0.95 -10.80	31.07 1.22 0.00	26.71 1.07 0.00	19.66 0.57 -6.20
CRESCENT___HYD 24018	17.71 0.64 0.00	17.63 0.68 0.00	17.23 0.69 0.00	17.38 0.68 -1.10	17.33 0.68 -1.33	21.21 0.83 -1.11	23.98 1.00 0.00	21.25 0.85 0.00	23.21 0.78 0.00	23.92 0.76 0.00	21.43 0.78 0.00	20.28 0.71 0.00	19.38 0.66 0.00	19.64 0.65 0.00	20.84 0.67 0.00	21.83 0.61 0.00	22.39 0.69 0.00	22.27 0.70 0.00	25.51 0.94 0.00	38.63 0.89 -17.93	38.25 0.97 -15.78	31.13 1.29 0.00	26.60 0.96 0.00	22.50 0.55 -9.06
CRICKET___VALLEY_CC1 323756	17.85 0.77 0.00	17.71 0.76 0.00	17.26 0.73 0.00	17.28 0.73 -0.94	17.15 0.70 -1.13	21.03 0.83 -0.95	23.98 1.01 0.00	21.31 0.91 0.00	23.35 0.92 0.00	24.03 0.87 0.00	21.55 0.91 0.00	20.40 0.84 0.00	19.56 0.84 0.00	19.80 0.81 0.00	21.06 0.89 0.00	22.16 0.94 0.00	22.73 1.03 0.00	22.55 0.98 0.00	25.65 1.07 0.00	35.69 0.88 -14.99	35.65 0.96 -13.19	31.09 1.25 0.00	26.67 1.04 0.00	21.07 0.60 -7.57
CRICKET___VALLEY_CC2 323757	17.85 0.77 0.00	17.71 0.76 0.00	17.26 0.73 0.00	17.28 0.73 -0.94	17.15 0.70 -1.13	21.03 0.83 -0.95	23.98 1.01 0.00	21.31 0.91 0.00	23.35 0.92 0.00	24.03 0.87 0.00	21.55 0.91 0.00	20.40 0.84 0.00	19.56 0.84 0.00	19.80 0.81 0.00	21.06 0.89 0.00	22.16 0.94 0.00	22.73 1.03 0.00	22.55 0.98 0.00	25.65 1.07 0.00	35.69 0.88 -14.99	35.65 0.96 -13.19	31.09 1.25 0.00	26.67 1.04 0.00	21.07 0.60 -7.57
CRICKET___VALLEY_CC3 323758	17.85 0.77 0.00	17.71 0.76 0.00	17.26 0.73 0.00	17.28 0.73 -0.94	17.15 0.70 -1.13	21.03 0.83 -0.95	23.98 1.01 0.00	21.31 0.91 0.00	23.35 0.92 0.00	24.03 0.87 0.00	21.55 0.91 0.00	20.40 0.84 0.00	19.56 0.84 0.00	19.80 0.81 0.00	21.06 0.89 0.00	22.16 0.94 0.00	22.73 1.03 0.00	22.55 0.98 0.00	25.65 1.07 0.00	35.69 0.88 -14.99	35.65 0.96 -13.19	31.09 1.25 0.00	26.67 1.04 0.00	21.07 0.60 -7.57
CRUCIBLE_METL_DRP 24180	16.89 -0.19 0.00	16.75 -0.20 0.00	16.33 -0.21 0.00	15.49 -0.22 -0.10	15.24 -0.20 -0.12	19.15 -0.21 -0.10	22.83 -0.15 0.00	20.21 -0.19 0.00	22.24 -0.19 0.00	22.88 -0.27 0.00	20.42 -0.23 0.00	19.42 -0.15 0.00	18.52 -0.20 0.00	18.78 -0.22 0.00	19.98 -0.19 0.00	20.99 -0.23 0.00	21.45 -0.25 0.00	21.33 -0.24 0.00	24.37 -0.21 0.00	21.41 -0.14 -1.74	22.87 -0.15 -1.53	29.59 -0.25 0.00	25.35 -0.29 0.00	13.59 -0.18 -0.88
DAHOWA___HYDRO 323763	17.87 0.79 0.00	17.81 0.86 0.00	17.39 0.86 0.00	17.56 0.84 -1.12	17.53 0.86 -1.35	21.47 1.09 -1.13	24.31 1.34 0.00	21.53 1.13 0.00	23.45 1.02 0.00	24.12 0.97 0.00	21.59 0.94 0.00	20.45 0.88 0.00	19.51 0.80 0.00	19.79 0.79 0.00	21.02 0.86 0.00	22.05 0.83 0.00	22.64 0.94 0.00	22.55 0.98 0.00	25.93 1.35 0.00	39.30 1.22 -18.26	38.93 1.36 -16.07	31.64 1.80 0.00	26.97 1.33 0.00	22.82 0.70 -9.23
DANC___LFGE 323619	16.98 -0.09 0.00	16.78 -0.17 0.00	16.42 -0.12 0.00	15.53 -0.15 -0.07	15.31 -0.10 -0.08	19.29 -0.04 -0.07	23.05 0.07 0.00	20.38 -0.02 0.00	22.31 -0.12 0.00	22.83 -0.32 0.00	20.24 -0.41 0.00	19.18 -0.39 0.00	18.31 -0.41 0.00	18.56 -0.44 0.00	19.69 -0.48 0.00	20.67 -0.55 0.00	21.12 -0.58 0.00	21.04 -0.53 0.00	24.15 -0.43 0.00	20.79 -0.18 -1.16	22.55 0.04 -1.02	29.96 0.12 0.00	25.52 -0.12 0.00	13.10 -0.37 -0.58
DANSKAMMER___1 23586	18.10 1.03 0.00	17.94 0.99 0.00	17.48 0.95 0.00	17.43 0.94 -0.89	17.29 0.89 -1.08	21.24 1.08 -0.90	24.35 1.37 0.00	21.66 1.26 0.00	23.80 1.37 0.00	24.47 1.32 0.00	21.93 1.28 0.00	20.75 1.19 0.00	19.89 1.17 0.00	20.12 1.13 0.00	21.40 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	23.03 1.46 0.00	26.17 1.59 0.00	35.22 1.27 -14.14	35.32 1.38 -12.44	31.66 1.82 0.00	27.20 1.56 0.00	20.85 0.82 -7.14
DANSKAMMER___2 23589	18.10 1.03 0.00	17.94 0.99 0.00	17.48 0.95 0.00	17.43 0.94 -0.89	17.29 0.89 -1.08	21.24 1.08 -0.90	24.35 1.37 0.00	21.66 1.26 0.00	23.80 1.37 0.00	24.47 1.32 0.00	21.93 1.28 0.00	20.75 1.19 0.00	19.89 1.17 0.00	20.12 1.13 0.00	21.40 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	23.03 1.46 0.00	26.17 1.59 0.00	35.22 1.27 -14.14	35.32 1.38 -12.44	31.66 1.82 0.00	27.20 1.56 0.00	20.85 0.82 -7.14
DANSKAMMER___3 23590	18.10 1.03 0.00	17.94 0.99 0.00	17.48 0.95 0.00	17.43 0.94 -0.89	17.29 0.89 -1.08	21.24 1.08 -0.90	24.35 1.37 0.00	21.66 1.26 0.00	23.80 1.37 0.00	24.47 1.32 0.00	21.93 1.28 0.00	20.75 1.19 0.00	19.89 1.17 0.00	20.12 1.13 0.00	21.40 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	23.03 1.46 0.00	26.17 1.59 0.00	35.22 1.27 -14.14	35.32 1.38 -12.44	31.66 1.82 0.00	27.20 1.56 0.00	20.85 0.82 -7.14
DANSKAMMER___4 23591	18.10 1.03 0.00	17.94 0.99 0.00	17.48 0.95 0.00	17.43 0.94 -0.89	17.29 0.89 -1.08	21.24 1.08 -0.90	24.35 1.37 0.00	21.66 1.26 0.00	23.80 1.37 0.00	24.47 1.32 0.00	21.93 1.28 0.00	20.75 1.19 0.00	19.89 1.17 0.00	20.12 1.13 0.00	21.40 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	23.03 1.46 0.00	26.17 1.59 0.00	35.22 1.27 -14.14	35.32 1.38 -12.44	31.66 1.82 0.00	27.20 1.56 0.00	20.85 0.82 -7.14
DANSKAMMER___DIESEL 23592	18.10 1.03 0.00	17.94 0.99 0.00	17.48 0.95 0.00	17.44 0.94 -0.89	17.29 0.89 -1.08	21.24 1.08 -0.90	24.35 1.37 0.00	21.66 1.26 0.00	23.80 1.37 0.00	24.47 1.32 0.00	21.93 1.29 0.00	20.75 1.19 0.00	19.89 1.17 0.00	20.12 1.13 0.00	21.40 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	23.03 1.46 0.00	26.17 1.59 0.00	35.22 1.26 -14.14	35.32 1.38 -12.44	31.66 1.82 0.00	27.20 1.56 0.00	20.85 0.82 -7.14
DARBY___SOLAR 323810	17.84 0.76 0.00	17.78 0.83 0.00	17.36 0.83 0.00	17.53 0.81 -1.11	17.49 0.82 -1.35	21.43 1.04 -1.12	24.25 1.28 0.00	21.49 1.09 0.00	23.43 1.00 0.00	24.11 0.96 0.00	21.59 0.94 0.00	20.44 0.87 0.00	19.51 0.80 0.00	19.79 0.79 0.00	21.02 0.85 0.00	22.05 0.83 0.00	22.62 0.92 0.00	22.53 0.96 0.00	25.86 1.29 0.00	39.18 1.15 -18.21	38.80 1.28 -16.03	31.53 1.69 0.00	26.89 1.26 0.00	22.77 0.67 -9.21
DASHVILLE___HYD 23610	17.99 0.91 0.00	17.81 0.86 0.00	17.34 0.80 0.00	17.29 0.79 -0.90	17.14 0.73 -1.08	21.03 0.86 -0.91	24.11 1.14 0.00	21.45 1.05 0.00	23.65 1.22 0.00	24.34 1.19 0.00	21.84 1.19 0.00	20.66 1.10 0.00	19.83 1.12 0.00	20.04 1.04 0.00	21.33 1.16 0.00	22.52 1.30 0.00	23.14 1.44 0.00	22.92 1.35 0.00	25.96 1.39 0.00	35.25 1.03 -14.40	35.28 1.11 -12.68	31.35 1.51 0.00	27.00 1.36 0.00	20.86 0.69 -7.28

DEERFIELD_69_KV_DEERFIELD LD 355887	32.61 2.01 -13.53	21.21 1.91 -2.34	21.07 1.87 -2.66	19.76 1.86 -2.29	21.10 1.75 -4.03	31.49 2.11 -10.12	25.48 2.50 -0.01	22.55 2.15 0.00	24.83 2.39 0.00	25.35 2.19 0.00	22.69 2.04 0.00	21.43 1.86 0.00	20.50 1.78 0.00	20.83 1.84 0.00	22.21 2.04 0.00	24.50 2.29 -0.99	24.54 2.28 -0.56	24.17 2.60 0.00	27.40 2.83 0.00	110.29 2.28 -88.19	170.10 2.66 -145.95	33.31 3.08 -0.38	28.52 2.87 -0.02	24.41 1.55 -9.97
DELAWARE___LFGE 323621	17.56 0.49 0.00	17.42 0.47 0.00	16.98 0.45 0.00	16.39 0.43 -0.35	16.17 0.42 -0.43	20.16 0.54 -0.36	23.71 0.73 0.00	21.02 0.62 0.00	23.10 0.66 0.00	23.78 0.63 0.00	21.24 0.59 0.00	20.14 0.57 0.00	19.25 0.53 0.00	19.53 0.54 0.00	20.77 0.60 0.00	21.86 0.63 0.00	22.37 0.67 0.00	22.24 0.67 0.00	25.35 0.78 0.00	26.36 0.61 -5.94	27.36 0.63 -5.23	30.70 0.86 0.00	26.35 0.71 0.00	16.25 0.36 -3.00
DERFIELD_115KV_TB7 355931	17.09 0.02 0.00	16.97 0.02 0.00	16.55 0.02 0.00	15.62 0.02 0.00	15.34 0.02 0.00	19.28 0.02 0.00	23.02 0.05 0.00	20.42 0.02 0.00	22.45 0.02 0.00	23.15 -0.01 0.00	20.66 0.01 0.00	19.59 0.02 0.00	18.72 0.00 0.00	19.00 0.00 0.00	20.17 0.00 0.00	21.22 0.00 0.00	21.70 0.00 0.00	21.57 0.00 0.00	24.60 0.02 0.00	19.86 0.04 0.00	21.53 0.04 0.00	29.90 0.06 0.00	25.64 0.00 0.00	12.89 0.00 0.00
DOGLEVILLE___HYD 23807	17.22 0.15 0.00	17.14 0.19 0.00	16.71 0.17 0.00	15.80 0.19 0.00	15.54 0.22 0.00	19.58 0.32 0.00	23.43 0.45 0.00	20.65 0.25 0.00	22.56 0.13 0.00	23.12 -0.04 0.00	20.70 0.05 0.00	19.63 0.06 0.00	18.70 -0.01 0.00	18.89 -0.10 0.00	20.00 -0.16 0.00	20.93 -0.29 0.00	21.57 -0.13 0.00	21.45 -0.12 0.00	24.67 0.10 0.00	20.12 0.30 0.00	21.83 0.33 0.00	30.26 0.42 0.00	25.88 0.25 0.00	13.02 0.13 0.00
DUNKIRK___115KV_TB_200 55889	16.59 -0.49 0.00	16.46 -0.49 0.00	16.02 -0.52 0.00	15.11 -0.65 -0.16	14.86 -0.66 -0.19	18.66 -0.77 -0.16	22.34 -0.66 -0.02	19.79 -0.62 0.00	22.07 -0.36 0.00	22.76 -0.40 0.00	20.16 -0.51 -0.02	19.39 -0.18 0.00	18.37 -0.35 0.00	18.63 -0.36 0.00	19.86 -0.31 0.00	20.84 -0.39 0.00	20.94 -0.76 0.00	20.86 -0.71 0.00	23.79 -0.78 0.00	21.85 -0.67 -2.70	23.08 -0.80 -2.38	28.96 -0.88 0.00	24.63 -1.01 0.00	13.66 -0.59 -1.37
DUNKIRK___1 23563	16.59 -0.49 0.00	16.46 -0.49 0.00	16.02 -0.52 0.00	15.11 -0.65 -0.16	14.86 -0.66 -0.19	18.66 -0.77 -0.16	22.34 -0.66 -0.02	19.79 -0.62 0.00	22.07 -0.36 0.00	22.76 -0.40 0.00	20.16 -0.51 -0.02	19.39 -0.18 0.00	18.37 -0.35 0.00	18.63 -0.36 0.00	19.86 -0.31 0.00	20.84 -0.39 0.00	20.94 -0.76 0.00	20.86 -0.71 0.00	23.79 -0.78 0.00	21.85 -0.67 -2.70	23.08 -0.80 -2.38	28.96 -0.88 0.00	24.63 -1.01 0.00	13.66 -0.59 -1.37
DUNKIRK___2 23564	16.59 -0.49 0.00	16.46 -0.49 0.00	16.02 -0.52 0.00	15.11 -0.65 -0.16	14.86 -0.66 -0.19	18.66 -0.77 -0.16	22.34 -0.66 -0.02	19.79 -0.62 0.00	22.07 -0.36 0.00	22.76 -0.40 0.00	20.16 -0.51 -0.02	19.39 -0.18 0.00	18.37 -0.35 0.00	18.63 -0.36 0.00	19.86 -0.31 0.00	20.84 -0.39 0.00	20.94 -0.76 0.00	20.86 -0.71 0.00	23.79 -0.78 0.00	21.85 -0.67 -2.70	23.08 -0.80 -2.38	28.96 -0.88 0.00	24.63 -1.01 0.00	13.66 -0.59 -1.37
DUNKIRK___3 23565	16.57 -0.50 0.00	16.45 -0.50 0.00	16.01 -0.53 0.00	15.11 -0.65 -0.16	14.86 -0.66 -0.19	18.65 -0.77 -0.16	22.32 -0.68 -0.02	19.76 -0.65 0.00	22.02 -0.41 0.00	22.70 -0.45 0.00	20.12 -0.55 -0.02	19.35 -0.22 0.00	18.33 -0.38 0.00	18.60 -0.40 0.00	19.83 -0.34 0.00	20.81 -0.41 0.00	20.92 -0.78 0.00	20.84 -0.73 0.00	23.74 -0.83 0.00	21.78 -0.71 -2.67	23.00 -0.84 -2.35	28.90 -0.94 0.00	24.62 -1.02 0.00	13.67 -0.57 -1.35
DUNKIRK___4 23566	16.57 -0.50 0.00	16.45 -0.50 0.00	16.01 -0.53 0.00	15.11 -0.65 -0.16	14.86 -0.66 -0.19	18.65 -0.77 -0.16	22.32 -0.68 -0.02	19.76 -0.65 0.00	22.02 -0.41 0.00	22.70 -0.45 0.00	20.12 -0.55 -0.02	19.35 -0.22 0.00	18.33 -0.38 0.00	18.60 -0.40 0.00	19.83 -0.34 0.00	20.81 -0.41 0.00	20.92 -0.78 0.00	20.84 -0.73 0.00	23.74 -0.83 0.00	21.78 -0.71 -2.67	23.00 -0.84 -2.35	28.90 -0.94 0.00	24.62 -1.02 0.00	13.67 -0.57 -1.35
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.05 0.98 0.00	17.88 0.93 0.00	17.42 0.89 0.00	17.39 0.89 -0.90	17.23 0.83 -1.08	21.14 0.98 -0.90	24.22 1.24 0.00	21.57 1.17 0.00	23.74 1.31 0.00	24.46 1.30 0.00	21.94 1.29 0.00	20.77 1.20 0.00	19.92 1.20 0.00	20.16 1.17 0.00	21.44 1.28 0.00	22.61 1.39 0.00	23.23 1.52 0.00	23.02 1.45 0.00	26.10 1.53 0.00	35.20 1.19 -14.19	35.28 1.29 -12.49	31.53 1.69 0.00	27.14 1.51 0.00	20.85 0.79 -7.17
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.00 0.93 0.00	17.85 0.89 0.00	17.39 0.85 0.00	17.32 0.84 -0.87	17.17 0.79 -1.05	21.10 0.96 -0.88	24.20 1.23 0.00	21.53 1.13 0.00	23.67 1.24 0.00	24.35 1.20 0.00	21.81 1.17 0.00	20.64 1.07 0.00	19.79 1.07 0.00	20.01 1.01 0.00	21.28 1.11 0.00	22.44 1.22 0.00	23.06 1.36 0.00	22.89 1.32 0.00	25.99 1.42 0.00	34.65 1.12 -13.70	34.79 1.24 -12.06	31.46 1.62 0.00	27.05 1.41 0.00	20.55 0.73 -6.93
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.06 0.99 0.00	17.91 0.96 0.00	17.48 0.95 0.00	17.44 0.93 -0.90	17.27 0.87 -1.08	21.21 1.04 -0.90	24.31 1.33 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.52 1.37 0.00	22.00 1.35 0.00	20.77 1.20 0.00	19.95 1.24 0.00	20.18 1.18 0.00	21.47 1.30 0.00	22.64 1.42 0.00	23.25 1.55 0.00	23.04 1.46 0.00	26.08 1.51 0.00	35.18 1.17 -14.19	35.25 1.27 -12.49	31.50 1.66 0.00	27.11 1.48 0.00	20.85 0.78 -7.17
E179THST_13_KV_LOAD 356214	18.12 1.05 0.00	17.97 1.02 0.00	17.53 1.00 0.00	17.48 0.98 -0.90	17.32 0.91 -1.08	21.27 1.10 -0.90	24.39 1.42 0.00	21.71 1.30 0.00	23.88 1.46 0.00	24.62 1.46 0.00	22.08 1.44 0.00	20.86 1.29 0.00	20.04 1.32 0.00	20.26 1.26 0.00	21.56 1.39 0.00	22.73 1.51 0.00	23.35 1.64 0.00	23.13 1.56 0.00	26.19 1.62 0.00	35.27 1.26 -14.19	35.35 1.36 -12.49	31.64 1.80 0.00	27.22 1.59 0.00	20.90 0.84 -7.17
EAST HAMPTON___GT 23717	32.79 2.19 -13.53	21.40 2.11 -2.34	21.27 2.07 -2.67	19.96 2.06 -2.29	21.30 1.94 -4.03	31.75 2.37 -10.12	25.77 2.79 -0.01	22.79 2.39 0.00	25.09 2.66 0.00	25.61 2.46 0.00	22.91 2.27 0.00	21.64 2.07 0.00	20.67 1.96 0.00	21.00 2.00 0.00	22.38 2.21 0.00	24.68 2.47 -0.99	24.77 2.51 -0.56	24.43 2.86 0.00	27.68 3.11 0.00	110.58 2.57 -88.19	170.37 2.92 -145.95	33.64 3.42 -0.38	28.80 3.14 -0.02	24.54 1.69 -9.97
EAST RIVER___6 23660	18.07 1.00 0.00	17.91 0.96 0.00	17.47 0.93 0.00	17.44 0.93 -0.90	17.28 0.87 -1.08	21.17 1.01 -0.90	24.24 1.26 0.00	21.61 1.21 0.00	23.81 1.38 0.00	24.55 1.40 0.00	22.02 1.37 0.00	20.84 1.27 0.00	20.03 1.31 0.00	20.25 1.26 0.00	21.53 1.36 0.00	22.71 1.49 0.00	23.35 1.65 0.00	23.12 1.55 0.00	26.16 1.58 0.00	35.23 1.22 -14.19	35.29 1.31 -12.49	31.54 1.70 0.00	27.17 1.54 0.00	20.86 0.80 -7.17

EAST RIVER___7 23524	18.07 1.00 0.00	17.91 0.96 0.00	17.47 0.93 0.00	17.44 0.93 -0.90	17.28 0.87 -1.08	21.17 1.01 -0.90	24.24 1.26 0.00	21.61 1.21 0.00	23.81 1.38 0.00	24.55 1.40 0.00	22.02 1.37 0.00	20.84 1.27 0.00	20.03 1.31 0.00	20.25 1.26 0.00	21.53 1.36 0.00	22.71 1.49 0.00	23.35 1.65 0.00	23.12 1.55 0.00	26.16 1.58 0.00	35.23 1.22 -14.19	35.29 1.31 -12.49	31.54 1.70 0.00	27.17 1.54 0.00	20.86 0.80 -7.17
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.03 0.95 0.00	17.86 0.91 0.00	17.41 0.87 0.00	17.38 0.87 -0.90	17.22 0.82 -1.08	21.13 0.97 -0.90	24.20 1.22 0.00	21.54 1.14 0.00	23.71 1.28 0.00	24.43 1.27 0.00	21.91 1.26 0.00	20.73 1.16 0.00	19.88 1.17 0.00	20.13 1.13 0.00	21.41 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	22.98 1.41 0.00	26.06 1.49 0.00	35.14 1.16 -14.16	35.22 1.26 -12.47	31.49 1.65 0.00	27.09 1.46 0.00	20.81 0.76 -7.16
EAST_HAMPTON___DIESEL 23722	32.80 2.19 -13.53	21.41 2.11 -2.34	21.28 2.08 -2.67	19.96 2.06 -2.29	21.30 1.95 -4.03	31.76 2.37 -10.12	25.79 2.80 -0.01	22.80 2.40 0.00	25.10 2.67 0.00	25.62 2.46 0.00	22.92 2.27 0.00	21.64 2.07 0.00	20.67 1.96 0.00	21.00 2.00 0.00	22.39 2.21 0.00	24.69 2.47 -0.99	24.78 2.52 -0.56	24.43 2.86 0.00	27.69 3.11 0.00	110.58 2.57 -88.19	170.37 2.92 -145.95	33.66 3.43 -0.38	28.81 3.15 -0.02	24.54 1.69 -9.97
EAST_PULASKI___ESR 323781	16.78 -0.29 0.00	16.62 -0.33 0.00	16.23 -0.31 0.00	15.36 -0.32 -0.08	15.13 -0.29 -0.10	19.04 -0.30 -0.08	22.72 -0.26 0.00	20.10 -0.30 0.00	22.06 -0.37 0.00	22.64 -0.51 0.00	20.14 -0.51 0.00	19.11 -0.46 0.00	18.24 -0.48 0.00	18.49 -0.51 0.00	19.65 -0.53 0.00	20.64 -0.58 0.00	21.08 -0.63 0.00	20.98 -0.59 0.00	24.00 -0.57 0.00	20.77 -0.37 -1.33	22.36 -0.30 -1.17	29.47 -0.37 0.00	25.20 -0.44 0.00	13.21 -0.35 -0.67
EAST_RIVER___1 323558	18.07 1.00 0.00	17.91 0.96 0.00	17.46 0.92 0.00	17.42 0.92 -0.90	17.26 0.85 -1.08	21.17 1.00 -0.90	24.24 1.26 0.00	21.59 1.18 0.00	23.80 1.36 0.00	24.53 1.38 0.00	22.00 1.36 0.00	20.82 1.26 0.00	19.99 1.28 0.00	20.22 1.23 0.00	21.51 1.34 0.00	22.69 1.47 0.00	23.32 1.62 0.00	23.09 1.52 0.00	26.13 1.56 0.00	35.21 1.20 -14.19	35.28 1.29 -12.49	31.54 1.69 0.00	27.17 1.53 0.00	20.86 0.80 -7.17
EAST_RIVER___2 323559	18.07 1.00 0.00	17.91 0.96 0.00	17.47 0.93 0.00	17.44 0.93 -0.90	17.28 0.87 -1.08	21.17 1.01 -0.90	24.24 1.26 0.00	21.61 1.21 0.00	23.81 1.38 0.00	24.55 1.40 0.00	22.02 1.37 0.00	20.84 1.27 0.00	20.03 1.31 0.00	20.25 1.26 0.00	21.53 1.36 0.00	22.71 1.49 0.00	23.35 1.65 0.00	23.12 1.55 0.00	26.16 1.58 0.00	35.23 1.22 -14.19	35.29 1.31 -12.49	31.54 1.70 0.00	27.17 1.54 0.00	20.86 0.80 -7.17
EAST___DELAWARE_HYD 23607	18.31 1.24 0.00	18.18 1.23 0.00	17.60 1.07 0.00	17.41 1.04 -0.76	17.25 1.00 -0.92	21.29 1.26 -0.77	24.57 1.59 0.00	21.73 1.33 0.00	24.09 1.66 0.00	24.71 1.56 0.00	21.96 1.31 0.00	20.77 1.21 0.00	20.06 1.35 0.00	20.13 1.14 0.00	20.86 0.69 0.00	22.19 0.97 0.00	22.64 0.94 0.00	22.66 1.08 0.00	25.81 1.24 0.00	33.53 1.04 -12.67	34.29 1.64 -11.15	32.04 2.19 0.00	27.40 1.77 0.00	20.25 0.96 -6.40
EIGHT_POINT___WT_PWR 323820	17.80 0.73 0.00	17.66 0.70 0.00	17.18 0.64 0.00	16.18 0.40 -0.18	15.94 0.40 -0.21	19.94 0.50 -0.18	23.68 0.69 0.00	20.72 0.32 0.00	23.12 0.69 0.00	23.96 0.81 0.00	21.36 0.71 -0.01	20.40 0.83 0.00	19.38 0.66 0.00	19.55 0.56 0.00	20.78 0.61 0.00	21.76 0.54 0.00	22.04 0.34 0.00	21.92 0.35 0.00	24.97 0.40 0.00	23.07 0.25 -3.00	24.27 0.13 -2.64	29.53 -0.31 0.00	25.05 -0.58 0.00	13.99 -0.42 -1.52
ELBRIDGE_115KV_TB2 80188	16.82 -0.25 0.00	16.69 -0.27 0.00	16.26 -0.27 0.00	15.43 -0.28 -0.11	15.19 -0.26 -0.13	19.08 -0.29 -0.11	22.74 -0.24 0.00	20.15 -0.25 0.00	22.15 -0.29 0.00	22.79 -0.36 0.00	20.32 -0.33 0.00	19.33 -0.24 0.00	18.42 -0.29 0.00	18.70 -0.30 0.00	19.90 -0.27 0.00	20.88 -0.34 0.00	21.35 -0.35 0.00	21.23 -0.34 0.00	24.25 -0.32 0.00	21.41 -0.23 -1.83	22.87 -0.23 -1.61	29.44 -0.40 0.00	25.24 -0.40 0.00	13.59 -0.22 -0.92
ELEC_TRO_TEK 24086	22.11 1.27 -3.77	18.14 1.19 0.00	17.68 1.14 0.00	17.81 1.16 -1.05	17.47 1.06 -1.08	21.41 1.25 -0.90	24.45 1.47 0.00	21.63 1.22 0.00	23.94 1.51 0.00	24.63 1.48 0.00	22.15 1.50 0.00	20.95 1.38 0.00	20.07 1.36 0.00	20.37 1.38 0.00	21.69 1.52 0.00	23.89 1.68 -0.99	23.99 1.73 -0.56	23.30 1.72 0.00	26.35 1.77 0.00	99.30 1.40 -78.08	158.18 1.59 -135.11	31.73 1.89 0.00	27.42 1.78 0.00	23.86 1.00 -9.97
ELLENBURG_WT_PWR 323604	17.06 -0.01 0.00	16.97 0.02 0.00	16.46 -0.08 0.00	15.49 -0.12 0.00	15.23 -0.09 0.00	19.15 -0.12 0.00	22.96 -0.02 0.00	20.62 0.22 0.00	22.69 0.25 0.00	23.32 0.16 0.00	20.40 -0.25 0.00	19.25 -0.32 0.00	18.50 -0.21 0.00	18.90 -0.10 0.00	20.06 -0.12 0.00	21.14 -0.08 0.00	21.65 -0.05 0.00	21.53 -0.04 0.00	24.69 0.12 0.00	19.95 0.13 0.00	21.69 0.20 0.00	30.13 0.28 0.00	25.81 0.18 0.00	12.97 0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.30 -0.77 0.00	16.18 -0.77 0.00	15.77 -0.77 0.00	14.90 -0.86 -0.15	14.65 -0.86 -0.19	18.36 -1.06 -0.16	21.97 -1.03 -0.02	19.42 -0.98 0.00	21.63 -0.80 0.00	22.28 -0.87 0.00	19.75 -0.92 -0.02	19.01 -0.56 0.00	18.00 -0.71 0.00	18.27 -0.73 0.00	19.49 -0.68 0.00	20.45 -0.77 0.00	20.56 -1.14 0.00	20.48 -1.09 0.00	23.33 -1.24 0.00	21.37 -1.04 -2.60	22.58 -1.20 -2.29	28.40 -1.44 0.00	24.29 -1.35 0.00	13.56 -0.64 -1.31
EMPIRE_CC_1 323656	17.49 0.42 0.00	17.45 0.50 0.00	17.08 0.54 0.00	17.20 0.54 -1.05	17.11 0.52 -1.26	20.92 0.60 -1.06	23.64 0.66 0.00	20.95 0.55 0.00	22.90 0.47 0.00	23.62 0.47 0.00	21.23 0.58 0.00	20.10 0.52 0.00	19.21 0.49 0.00	19.42 0.42 0.00	20.60 0.43 0.00	21.59 0.37 0.00	22.13 0.43 0.00	21.98 0.41 0.00	25.15 0.57 0.00	37.41 0.55 -17.04	37.09 0.60 -15.00	30.62 0.78 0.00	26.21 0.57 0.00	21.87 0.37 -8.61
EMPIRE_CC_2 323658	17.49 0.42 0.00	17.45 0.50 0.00	17.08 0.54 0.00	17.20 0.54 -1.05	17.11 0.52 -1.26	20.92 0.60 -1.06	23.64 0.66 0.00	20.95 0.55 0.00	22.90 0.47 0.00	23.62 0.47 0.00	21.23 0.58 0.00	20.10 0.52 0.00	19.21 0.49 0.00	19.42 0.42 0.00	20.60 0.43 0.00	21.59 0.37 0.00	22.13 0.43 0.00	21.98 0.41 0.00	25.15 0.57 0.00	37.41 0.55 -17.04	37.09 0.60 -15.00	30.62 0.78 0.00	26.21 0.57 0.00	21.87 0.37 -8.61
ENORWICH_115KV_TB1 80156	18.28 1.21 0.00	18.14 1.19 0.00	17.68 1.14 0.00	16.93 1.06 -0.27	16.73 1.09 -0.32	21.07 1.54 -0.27	25.02 2.04 0.00	21.94 1.53 0.00	23.93 1.50 0.00	24.32 1.17 0.00	21.59 0.94 0.00	20.48 0.92 0.00	19.52 0.80 0.00	19.75 0.76 0.00	20.98 0.81 0.00	22.02 0.80 0.00	22.59 0.89 0.00	22.65 1.08 0.00	26.15 1.58 0.00	25.76 1.45 -4.48	27.03 1.59 -3.95	31.95 2.10 0.00	27.04 1.40 0.00	15.72 0.57 -2.26

ERIE_ST__34_KV_TB1-2 80199	16.65 -0.43 0.00	16.52 -0.43 0.00	16.09 -0.45 0.00	15.19 -0.58 -0.16	14.95 -0.57 -0.19	18.76 -0.66 -0.16	22.42 -0.57 -0.02	19.82 -0.58 0.00	22.07 -0.35 0.00	22.74 -0.41 0.00	20.15 -0.52 -0.02	19.41 -0.17 0.00	18.40 -0.31 0.00	18.66 -0.34 0.00	19.91 -0.26 0.00	20.90 -0.32 0.00	21.03 -0.67 0.00	20.92 -0.65 0.00	23.82 -0.75 0.00	21.83 -0.68 -2.69	23.04 -0.81 -2.37	28.98 -0.86 0.00	24.79 -0.85 0.00	13.82 -0.43 -1.36
ERIE_WT_PWR 323693	16.46 -0.61 0.00	16.35 -0.60 0.00	15.92 -0.62 0.00	15.04 -0.73 -0.16	14.79 -0.72 -0.19	18.55 -0.87 -0.16	22.18 -0.82 -0.02	19.60 -0.81 0.00	21.86 -0.58 0.00	22.50 -0.66 0.00	19.97 -0.71 -0.03	19.18 -0.40 -0.01	18.17 -0.55 0.00	18.44 -0.55 0.00	19.68 -0.49 0.00	20.64 -0.58 0.00	20.76 -0.94 0.00	20.68 -0.89 0.00	23.56 -1.01 0.00	21.58 -0.89 -2.66	22.83 -1.00 -2.34	28.67 -1.17 0.00	24.50 -1.13 0.00	13.69 -0.55 -1.34
ESPRGFLD_115KV_TB1 80157	17.88 0.81 0.00	17.73 0.77 0.00	17.29 0.75 0.00	16.16 0.69 0.14	15.83 0.67 0.17	20.03 0.91 0.14	24.19 1.22 0.00	21.44 1.04 0.00	23.57 1.14 0.00	24.26 1.11 0.00	21.55 0.91 0.00	20.44 0.88 0.00	19.53 0.82 0.00	19.80 0.80 0.00	21.08 0.91 0.00	22.25 1.03 0.00	22.68 0.97 0.00	22.58 1.01 0.00	25.74 1.17 0.00	18.31 0.90 2.41	20.33 0.96 2.12	31.23 1.39 0.00	26.78 1.14 0.00	12.19 0.52 1.22
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.36 0.28 0.00	17.22 0.26 0.00	16.77 0.24 0.00	16.00 0.19 -0.20	15.77 0.21 -0.24	19.80 0.33 -0.20	23.50 0.52 0.00	20.76 0.36 0.00	22.79 0.35 0.00	23.35 0.20 0.00	20.80 0.15 0.00	19.76 0.19 0.00	18.83 0.12 0.00	19.09 0.10 0.00	20.31 0.14 0.00	21.33 0.11 0.00	21.83 0.13 0.00	21.76 0.19 0.00	24.94 0.37 0.00	23.55 0.36 -3.37	24.86 0.40 -2.97	30.36 0.51 0.00	25.97 0.34 0.00	14.71 0.12 -1.71
ETNA____115KV_TB2 80207	17.36 0.28 0.00	17.22 0.26 0.00	16.77 0.24 0.00	16.00 0.19 -0.20	15.77 0.21 -0.24	19.80 0.33 -0.20	23.50 0.52 0.00	20.76 0.36 0.00	22.79 0.35 0.00	23.35 0.20 0.00	20.80 0.15 0.00	19.76 0.19 0.00	18.83 0.12 0.00	19.09 0.10 0.00	20.31 0.14 0.00	21.33 0.11 0.00	21.83 0.13 0.00	21.76 0.19 0.00	24.94 0.37 0.00	23.55 0.36 -3.37	24.86 0.40 -2.97	30.36 0.51 0.00	25.97 0.34 0.00	14.71 0.12 -1.71
EUCLID____115KV_TB2 356179	16.70 -0.37 0.00	16.57 -0.38 0.00	16.15 -0.39 0.00	15.31 -0.39 -0.09	15.06 -0.37 -0.11	18.92 -0.43 -0.09	22.56 -0.42 0.00	19.98 -0.42 0.00	21.99 -0.44 0.00	22.64 -0.51 0.00	20.18 -0.47 0.00	19.19 -0.38 0.00	18.31 -0.40 0.00	18.57 -0.42 0.00	19.75 -0.42 0.00	20.76 -0.45 0.00	21.19 -0.51 0.00	21.08 -0.49 0.00	24.07 -0.50 0.00	20.93 -0.39 -1.50	22.39 -0.43 -1.32	29.25 -0.60 0.00	25.05 -0.59 0.00	13.33 -0.32 -0.76
E_CANADA_CAP_HY 24051	18.08 1.00 0.00	17.93 0.97 0.00	17.50 0.96 0.00	17.84 0.89 -1.34	17.81 0.87 -1.62	21.78 1.16 -1.36	24.46 1.48 0.00	21.65 1.25 0.00	23.79 1.36 0.00	24.47 1.32 0.00	21.73 1.09 0.00	20.59 1.02 0.00	19.67 0.96 0.00	19.90 0.90 0.00	21.19 1.02 0.00	22.39 1.17 0.00	22.77 1.07 0.00	22.69 1.12 0.00	25.89 1.32 0.00	43.02 1.07 -22.12	42.15 1.19 -19.48	31.63 1.79 0.00	27.10 1.47 0.00	24.77 0.70 -11.18
E_CANADA_MHWK_HY 24050	17.22 0.15 0.00	17.14 0.19 0.00	16.71 0.17 0.00	15.80 0.19 0.00	15.54 0.22 0.00	19.58 0.32 0.00	23.43 0.45 0.00	20.65 0.25 0.00	22.56 0.13 0.00	23.12 -0.04 0.00	20.70 0.05 0.00	19.63 0.06 0.00	18.70 -0.01 0.00	18.89 -0.10 0.00	20.00 -0.16 0.00	20.93 -0.29 0.00	21.57 -0.13 0.00	21.45 -0.12 0.00	24.67 0.10 0.00	20.12 0.30 0.00	21.83 0.33 0.00	30.26 0.42 0.00	25.88 0.25 0.00	13.02 0.13 0.00
E_FISHKILL____LBMP 23776	17.93 0.86 0.00	17.78 0.83 0.00	17.33 0.80 0.00	17.31 0.79 -0.91	17.17 0.75 -1.10	21.07 0.89 -0.92	24.09 1.12 0.00	21.43 1.03 0.00	23.55 1.12 0.00	24.25 1.10 0.00	21.75 1.10 0.00	20.58 1.01 0.00	19.73 1.01 0.00	19.97 0.98 0.00	21.24 1.07 0.00	22.38 1.15 0.00	22.97 1.27 0.00	22.78 1.22 0.00	25.87 1.30 0.00	35.32 1.03 -14.47	35.35 1.12 -12.74	31.31 1.47 0.00	26.91 1.27 0.00	20.88 0.68 -7.31
FALCON____SEABRD_CC1 323796	17.17 0.09 0.00	17.10 0.15 0.00	16.58 0.04 0.00	15.61 0.01 0.00	15.35 0.03 0.00	19.30 0.04 0.00	23.15 0.17 0.00	20.85 0.45 0.00	22.92 0.49 0.00	23.54 0.38 0.00	20.62 -0.03 0.00	19.44 -0.13 0.00	18.66 -0.06 0.00	19.06 0.06 0.00	20.23 0.06 0.00	21.32 0.10 0.00	21.86 0.16 0.00	21.75 0.17 0.00	24.98 0.40 0.00	20.19 0.38 0.00	21.96 0.47 0.00	30.47 0.63 0.00	26.06 0.43 0.00	13.10 0.21 0.00
FALCON____SEABRD_CC2 323797	17.17 0.09 0.00	17.10 0.15 0.00	16.58 0.04 0.00	15.61 0.01 0.00	15.35 0.03 0.00	19.30 0.04 0.00	23.15 0.17 0.00	20.85 0.45 0.00	22.92 0.49 0.00	23.54 0.38 0.00	20.62 -0.03 0.00	19.44 -0.13 0.00	18.66 -0.06 0.00	19.06 0.06 0.00	20.23 0.06 0.00	21.32 0.10 0.00	21.86 0.16 0.00	21.75 0.17 0.00	24.98 0.40 0.00	20.19 0.38 0.00	21.96 0.47 0.00	30.47 0.63 0.00	26.06 0.43 0.00	13.10 0.21 0.00
FAR ROCKAWAY____4 23548	22.32 1.48 -3.77	18.34 1.39 0.00	17.87 1.33 0.00	17.99 1.33 -1.05	17.64 1.24 -1.08	21.63 1.47 -0.90	24.70 1.72 0.00	21.77 1.37 0.00	24.22 1.79 0.00	24.91 1.76 0.00	22.41 1.76 0.00	21.20 1.63 0.00	20.30 1.58 0.00	20.60 1.61 0.00	21.94 1.77 0.00	24.16 1.94 -0.99	24.27 2.01 -0.56	23.55 1.98 0.00	26.65 2.07 0.00	101.17 1.65 -79.70	161.35 1.84 -138.02	32.11 2.27 0.00	27.75 2.12 0.00	24.03 1.17 -9.97
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.08 1.00 0.00	17.92 0.96 0.00	17.46 0.92 0.00	17.43 0.92 -0.90	17.26 0.86 -1.08	21.17 1.01 -0.90	24.25 1.28 0.00	21.60 1.20 0.00	23.81 1.38 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.82 1.26 0.00	20.00 1.28 0.00	20.23 1.23 0.00	21.52 1.35 0.00	22.69 1.47 0.00	23.33 1.62 0.00	23.10 1.53 0.00	26.14 1.56 0.00	35.22 1.21 -14.19	35.29 1.30 -12.49	31.55 1.71 0.00	27.18 1.54 0.00	20.86 0.80 -7.17
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.09 1.02 0.00	17.93 0.98 0.00	17.48 0.94 0.00	17.44 0.93 -0.90	17.27 0.87 -1.08	21.19 1.02 -0.90	24.27 1.29 0.00	21.62 1.21 0.00	23.83 1.40 0.00	24.55 1.40 0.00	22.02 1.38 0.00	20.84 1.28 0.00	20.01 1.29 0.00	20.24 1.24 0.00	21.53 1.36 0.00	22.71 1.48 0.00	23.33 1.63 0.00	23.11 1.54 0.00	26.16 1.59 0.00	35.23 1.22 -14.19	35.31 1.32 -12.49	31.57 1.73 0.00	27.20 1.57 0.00	20.87 0.81 -7.17
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.08 1.00 0.00	17.92 0.96 0.00	17.46 0.92 0.00	17.43 0.92 -0.90	17.26 0.86 -1.08	21.17 1.01 -0.90	24.25 1.28 0.00	21.60 1.20 0.00	23.81 1.38 0.00	24.54 1.39 0.00	22.01 1.36 0.00	20.82 1.26 0.00	19.99 1.28 0.00	20.23 1.23 0.00	21.52 1.35 0.00	22.69 1.47 0.00	23.33 1.62 0.00	23.09 1.52 0.00	26.14 1.56 0.00	35.21 1.20 -14.19	35.28 1.30 -12.49	31.54 1.70 0.00	27.18 1.54 0.00	20.86 0.80 -7.17

FARRAGUT___LBMP 323566	18.07 1.00 0.00	17.91 0.96 0.00	17.45 0.92 0.00	17.42 0.91 -0.90	17.25 0.84 -1.08	21.16 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.79 1.36 0.00	24.52 1.36 0.00	21.99 1.34 0.00	20.80 1.24 0.00	19.97 1.26 0.00	20.21 1.21 0.00	21.50 1.33 0.00	22.67 1.45 0.00	23.30 1.60 0.00	23.07 1.50 0.00	26.11 1.54 0.00	35.19 1.18 -14.19	35.26 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.85 0.79 -7.17
FENNER___WINDPWR 24204	17.33 0.26 0.00	17.19 0.24 0.00	16.75 0.21 0.00	15.90 0.18 -0.11	15.66 0.20 -0.14	19.68 0.31 -0.11	23.45 0.48 0.00	20.69 0.30 0.00	22.75 0.32 0.00	23.38 0.23 0.00	20.84 0.19 0.00	19.78 0.21 0.00	18.87 0.16 0.00	19.13 0.14 0.00	20.35 0.17 0.00	21.39 0.17 0.00	21.86 0.16 0.00	21.76 0.19 0.00	24.89 0.32 0.00	22.04 0.31 -1.91	23.55 0.37 -1.69	30.33 0.48 0.00	25.90 0.27 0.00	13.91 0.06 -0.97
FIBERTEK___ENERGY 23856	16.89 -0.19 0.00	16.75 -0.20 0.00	16.33 -0.21 0.00	15.49 -0.22 -0.10	15.24 -0.20 -0.12	19.15 -0.21 -0.10	22.83 -0.15 0.00	20.21 -0.19 0.00	22.24 -0.19 0.00	22.88 -0.27 0.00	20.42 -0.23 0.00	19.42 -0.15 0.00	18.52 -0.20 0.00	18.78 -0.22 0.00	19.98 -0.19 0.00	20.99 -0.23 0.00	21.45 -0.25 0.00	21.33 -0.24 0.00	24.37 -0.21 0.00	21.41 -0.14 -1.74	22.87 -0.15 -1.53	29.59 -0.25 0.00	25.35 -0.29 0.00	13.59 -0.18 -0.88
FITZPATRICK____ 23598	16.45 -0.62 0.00	16.33 -0.62 0.00	15.92 -0.62 0.00	15.07 -0.61 -0.07	14.82 -0.59 -0.09	18.62 -0.71 -0.07	22.21 -0.77 0.00	19.68 -0.72 0.00	21.66 -0.78 0.00	22.30 -0.85 0.00	19.88 -0.77 0.00	18.89 -0.68 0.00	18.03 -0.68 0.00	18.29 -0.71 0.00	19.44 -0.73 0.00	20.44 -0.79 0.00	20.86 -0.84 0.00	20.76 -0.81 0.00	23.69 -0.88 0.00	20.33 -0.70 -1.21	21.81 -0.75 -1.07	28.79 -1.05 0.00	24.67 -0.97 0.00	13.00 -0.50 -0.61
FLOWRFLD_69_KV_BK1 356044	35.38 1.60 -16.70	21.55 1.50 -3.11	21.52 1.45 -3.53	19.77 1.47 -2.69	21.67 1.35 -4.99	33.97 1.59 -13.12	24.85 1.87 -0.01	21.95 1.55 0.00	24.24 1.81 0.00	24.76 1.61 0.00	22.18 1.54 0.00	20.95 1.38 0.00	20.06 1.34 0.00	20.43 1.43 0.00	21.83 1.66 0.00	24.08 1.87 -0.99	24.13 1.87 -0.56	23.61 2.04 0.00	26.75 2.18 0.00	112.75 1.75 -91.18	172.49 2.05 -148.94	32.68 2.32 -0.51	27.88 2.22 -0.02	24.09 1.24 -9.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.12 1.05 0.00	17.97 1.01 0.00	17.51 0.97 0.00	17.46 0.96 -0.90	17.32 0.91 -1.08	21.28 1.11 -0.90	24.39 1.41 0.00	21.70 1.30 0.00	23.83 1.40 0.00	24.51 1.36 0.00	21.97 1.32 0.00	20.79 1.22 0.00	19.92 1.21 0.00	20.15 1.16 0.00	21.44 1.27 0.00	22.60 1.39 0.00	23.21 1.51 0.00	23.07 1.50 0.00	26.21 1.64 0.00	35.31 1.30 -14.19	35.41 1.42 -12.49	31.72 1.87 0.00	27.24 1.61 0.00	20.89 0.83 -7.17
FORT ORANGE____ 23900	17.76 0.69 0.00	17.68 0.73 0.00	17.27 0.73 0.00	17.40 0.72 -1.07	17.33 0.71 -1.30	21.21 0.87 -1.09	24.03 1.05 0.00	21.31 0.91 0.00	23.28 0.85 0.00	23.96 0.81 0.00	21.45 0.80 0.00	20.31 0.73 0.00	19.41 0.69 0.00	19.66 0.66 0.00	20.87 0.70 0.00	21.90 0.68 0.00	22.46 0.76 0.00	22.35 0.78 0.00	25.56 0.99 0.00	38.21 0.88 -17.52	37.87 0.96 -15.42	31.14 1.29 0.00	26.65 1.01 0.00	22.30 0.55 -8.85
FORT_DRUM_COGEN 23780	17.30 0.22 0.00	17.07 0.12 0.00	16.72 0.18 0.00	15.79 0.13 -0.05	15.59 0.20 -0.07	19.69 0.37 -0.06	23.55 0.57 0.00	20.76 0.35 0.00	22.66 0.23 0.00	23.11 -0.04 0.00	20.39 -0.26 0.00	19.29 -0.28 0.00	18.42 -0.30 0.00	18.66 -0.33 0.00	19.77 -0.40 0.00	20.74 -0.48 0.00	21.20 -0.51 0.00	21.15 -0.42 0.00	24.37 -0.20 0.00	20.85 0.11 -0.92	22.78 0.48 -0.81	30.61 0.77 0.00	26.00 0.36 0.00	13.10 -0.26 -0.46
FPL_FAR_ROCK_GT1 24212	22.32 1.48 -3.77	18.34 1.39 0.00	17.87 1.33 0.00	17.99 1.33 -1.05	17.64 1.23 -1.08	21.63 1.47 -0.90	24.70 1.72 0.00	21.77 1.36 0.00	24.21 1.78 0.00	24.91 1.76 0.00	22.41 1.76 0.00	21.20 1.63 0.00	20.30 1.58 0.00	20.60 1.60 0.00	21.94 1.77 0.00	24.16 1.94 -0.99	24.28 2.02 -0.56	23.56 1.99 0.00	26.65 2.07 0.00	101.18 1.67 -79.70	161.35 1.84 -138.02	32.11 2.26 0.00	27.76 2.12 0.00	24.03 1.17 -9.97
FPL_FAR_ROCK_GT2 23815	22.32 1.48 -3.77	18.34 1.39 0.00	17.87 1.33 0.00	17.99 1.33 -1.05	17.64 1.23 -1.08	21.63 1.47 -0.90	24.70 1.72 0.00	21.77 1.36 0.00	24.21 1.78 0.00	24.91 1.76 0.00	22.41 1.76 0.00	21.20 1.63 0.00	20.30 1.58 0.00	20.60 1.60 0.00	21.94 1.77 0.00	24.16 1.94 -0.99	24.28 2.02 -0.56	23.56 1.99 0.00	26.65 2.07 0.00	101.18 1.67 -79.70	161.35 1.84 -138.02	32.11 2.26 0.00	27.76 2.12 0.00	24.03 1.17 -9.97
FRANKLIN_FALL_HYD 24054	17.23 0.16 0.00	17.11 0.16 0.00	16.63 0.09 0.00	15.66 0.06 0.00	15.39 0.07 0.00	19.37 0.11 0.00	23.24 0.26 0.00	20.82 0.42 0.00	22.90 0.47 0.00	23.56 0.41 0.00	20.65 0.00 0.00	19.49 -0.08 0.00	18.69 -0.03 0.00	19.05 0.06 0.00	20.14 -0.03 0.00	21.20 -0.02 0.00	21.67 -0.03 0.00	21.52 -0.05 0.00	24.66 0.08 0.00	19.93 0.12 0.00	21.68 0.18 0.00	30.20 0.35 0.00	25.95 0.31 0.00	13.01 0.12 0.00
FREEPORT_EQUS_GT1 23764	22.22 1.37 -3.77	18.24 1.28 0.00	17.77 1.24 0.00	17.90 1.25 -1.05	17.55 1.15 -1.08	21.52 1.36 -0.90	24.56 1.58 0.00	21.68 1.28 0.00	24.06 1.63 0.00	24.74 1.59 0.00	22.23 1.59 0.00	21.03 1.46 0.00	20.14 1.43 0.00	20.45 1.45 0.00	21.77 1.60 0.00	23.98 1.76 -0.99	24.10 1.84 -0.56	23.41 1.83 0.00	26.47 1.90 0.00	92.85 1.49 -71.54	146.51 1.66 -123.35	31.90 2.05 0.00	27.59 1.95 0.00	23.95 1.09 -9.97
FREEPORT___CT2 23818	22.22 1.37 -3.77	18.24 1.28 0.00	17.77 1.24 0.00	17.90 1.25 -1.05	17.55 1.15 -1.08	21.52 1.36 -0.90	24.56 1.58 0.00	21.68 1.28 0.00	24.06 1.63 0.00	24.74 1.59 0.00	22.23 1.59 0.00	21.03 1.46 0.00	20.14 1.43 0.00	20.45 1.45 0.00	21.77 1.60 0.00	23.98 1.76 -0.99	24.10 1.84 -0.56	23.41 1.83 0.00	26.47 1.90 0.00	92.85 1.49 -71.54	146.51 1.66 -123.35	31.90 2.05 0.00	27.59 1.95 0.00	23.95 1.09 -9.97
FRESHKLS_33_KV_LOAD 356253	18.13 1.06 0.00	17.83 0.88 0.00	17.36 0.82 0.00	17.33 0.82 -0.90	17.16 0.76 -1.08	21.07 0.91 -0.90	24.15 1.17 0.00	21.50 1.09 0.00	23.65 1.22 0.00	24.47 1.32 0.00	21.96 1.31 0.00	20.75 1.19 0.00	19.95 1.23 0.00	20.17 1.18 0.00	21.47 1.30 0.00	22.65 1.43 0.00	23.28 1.58 0.00	23.07 1.50 0.00	26.10 1.53 0.00	35.22 1.21 -14.19	35.30 1.31 -12.49	31.55 1.71 0.00	27.21 1.58 0.00	20.89 0.83 -7.17
FULTON COGEN____ 23766	16.65 -0.42 0.00	16.52 -0.44 0.00	16.10 -0.44 0.00	15.26 -0.43 -0.08	15.01 -0.41 -0.10	18.87 -0.48 -0.09	22.50 -0.47 0.00	19.94 -0.47 0.00	21.93 -0.50 0.00	22.56 -0.59 0.00	20.12 -0.52 0.00	19.12 -0.44 0.00	18.25 -0.46 0.00	18.51 -0.49 0.00	19.67 -0.51 0.00	20.68 -0.54 0.00	21.11 -0.59 0.00	21.01 -0.56 0.00	24.00 -0.57 0.00	20.83 -0.44 -1.45	22.30 -0.48 -1.28	29.18 -0.66 0.00	24.98 -0.66 0.00	13.27 -0.36 -0.73

GOWANUS_GT1_3 24079	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT1_4 24080	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT1_5 24084	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT1_6 24111	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT1_7 24112	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT1_8 24113	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_1 24114	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_2 24115	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_3 24116	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_4 24117	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_5 24118	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_6 24119	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_7 24120	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT2_8 24121	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17
GOWANUS_GT3_1 24122	18.14 <u>1.07</u> 0.00	17.91 <u>0.96</u> 0.00	17.45 <u>0.91</u> 0.00	17.41 <u>0.90</u> -0.90	17.24 <u>0.83</u> -1.08	21.16 <u>1.00</u> -0.90	24.26 <u>1.28</u> 0.00	21.62 <u>1.22</u> 0.00	23.81 <u>1.38</u> 0.00	24.57 <u>1.41</u> 0.00	22.03 <u>1.39</u> 0.00	20.84 <u>1.27</u> 0.00	20.02 <u>1.31</u> 0.00	20.26 <u>1.26</u> 0.00	21.55 <u>1.38</u> 0.00	22.73 <u>1.50</u> 0.00	23.36 <u>1.65</u> 0.00	23.14 <u>1.57</u> 0.00	26.18 <u>1.61</u> 0.00	35.26 <u>1.26</u> -14.19	35.33 <u>1.35</u> -12.49	31.62 <u>1.77</u> 0.00	27.24 <u>1.60</u> 0.00	20.90 <u>0.84</u> -7.17

INDECK___YERKES 23781	16.18 -0.89 0.00	16.08 -0.87 0.00	15.67 -0.87 0.00	14.81 -0.95 -0.15	14.56 -0.94 -0.18	18.24 -1.17 -0.15	21.75 -1.19 0.03	19.24 -1.16 0.00	21.46 -0.97 0.00	22.07 -1.08 0.01	19.50 -1.10 0.04	18.81 -0.75 0.01	17.89 -0.83 0.00	18.15 -0.84 0.00	19.39 -0.79 0.00	20.31 -0.91 0.00	20.40 -1.30 0.00	20.34 -1.23 0.00	23.19 -1.38 0.00	21.17 -1.16 -2.51	22.40 -1.30 -2.21	28.29 -1.55 0.00	24.21 -1.43 0.00	13.52 -0.64 -1.27
INDIAN POINT_GT_1 24139	17.99 0.92 0.00	17.83 0.88 0.00	17.38 0.84 0.00	17.34 0.84 -0.89	17.18 0.79 -1.07	21.09 0.93 -0.90	24.16 1.19 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.37 1.22 0.00	21.85 1.20 0.00	20.68 1.11 0.00	19.83 1.11 0.00	20.07 1.07 0.00	21.35 1.18 0.00	22.51 1.29 0.00	23.13 1.43 0.00	22.93 1.36 0.00	26.01 1.43 0.00	34.99 1.13 -14.04	35.08 1.23 -12.36	31.44 1.59 0.00	27.05 1.41 0.00	20.72 0.73 -7.10
INDIAN POINT_GT_2 23659	17.99 0.92 0.00	17.83 0.88 0.00	17.38 0.84 0.00	17.34 0.84 -0.89	17.18 0.79 -1.07	21.09 0.93 -0.90	24.16 1.19 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.37 1.22 0.00	21.85 1.20 0.00	20.68 1.11 0.00	19.83 1.11 0.00	20.07 1.07 0.00	21.35 1.18 0.00	22.51 1.29 0.00	23.13 1.43 0.00	22.93 1.36 0.00	26.01 1.43 0.00	34.99 1.13 -14.04	35.08 1.23 -12.36	31.44 1.59 0.00	27.05 1.41 0.00	20.72 0.73 -7.10
INDIAN POINT_GT_3 24019	17.99 0.92 0.00	17.83 0.88 0.00	17.38 0.84 0.00	17.34 0.84 -0.89	17.18 0.79 -1.07	21.09 0.93 -0.90	24.16 1.19 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.37 1.22 0.00	21.85 1.20 0.00	20.68 1.11 0.00	19.83 1.11 0.00	20.07 1.07 0.00	21.35 1.18 0.00	22.51 1.29 0.00	23.13 1.43 0.00	22.93 1.36 0.00	26.01 1.43 0.00	34.99 1.13 -14.04	35.08 1.23 -12.36	31.44 1.59 0.00	27.05 1.41 0.00	20.72 0.73 -7.10
INDIAN POINT___2 23530	17.99 0.91 0.00	17.83 0.88 0.00	17.37 0.84 0.00	17.33 0.84 -0.88	17.16 0.78 -1.06	21.08 0.93 -0.89	24.16 1.18 0.00	21.50 1.10 0.00	23.66 1.22 0.00	24.37 1.21 0.00	21.85 1.20 0.00	20.67 1.11 0.00	19.83 1.11 0.00	20.06 1.07 0.00	21.35 1.18 0.00	22.51 1.29 0.00	23.13 1.43 0.00	22.93 1.36 0.00	26.00 1.43 0.00	34.78 1.12 -13.84	34.89 1.22 -12.18	31.43 1.58 0.00	27.04 1.40 0.00	20.62 0.73 -6.99
INDIAN POINT___3 23531	17.99 0.91 0.00	17.83 0.88 0.00	17.38 0.84 0.00	17.34 0.84 -0.89	17.18 0.78 -1.07	21.09 0.93 -0.90	24.16 1.18 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.36 1.21 0.00	21.85 1.20 0.00	20.67 1.10 0.00	19.82 1.11 0.00	20.06 1.06 0.00	21.34 1.17 0.00	22.50 1.28 0.00	23.12 1.41 0.00	22.92 1.35 0.00	25.99 1.42 0.00	34.98 1.11 -14.05	35.07 1.21 -12.37	31.42 1.58 0.00	27.03 1.39 0.00	20.73 0.73 -7.10
INGHAM_C_115KV_TB7 356103	17.22 0.15 0.00	17.14 0.19 0.00	16.71 0.17 0.00	15.80 0.19 0.00	15.54 0.22 0.00	19.58 0.32 0.00	23.43 0.45 0.00	20.64 0.24 0.00	22.56 0.13 0.00	23.12 -0.04 0.00	20.70 0.05 0.00	19.63 0.06 0.00	18.70 -0.01 0.00	18.89 -0.10 0.00	20.00 -0.16 0.00	20.93 -0.29 0.00	21.58 -0.12 0.00	21.45 -0.12 0.00	24.67 0.10 0.00	20.14 0.32 0.00	21.83 0.33 0.00	30.26 0.42 0.00	25.88 0.25 0.00	13.02 0.13 0.00
IP CORINTH___1 23988	17.79 0.71 0.00	17.77 0.81 0.00	17.35 0.81 0.00	17.52 0.79 -1.12	17.51 0.83 -1.36	21.47 1.07 -1.14	24.30 1.33 0.00	21.57 1.17 0.00	23.49 1.05 0.00	24.18 1.03 0.00	21.63 0.98 0.00	20.49 0.93 0.00	19.53 0.82 0.00	19.82 0.82 0.00	21.08 0.91 0.00	22.12 0.90 0.00	22.71 1.01 0.00	22.62 1.05 0.00	26.00 1.43 0.00	39.44 1.24 -18.38	39.06 1.39 -16.18	31.65 1.81 0.00	26.94 1.30 0.00	22.86 0.68 -9.29
IP___TICONDEROGA 23804	18.67 1.59 0.00	18.66 1.71 0.00	18.23 1.69 0.00	18.37 1.64 -1.12	18.43 1.75 -1.35	22.64 2.24 -1.13	25.63 2.65 0.00	22.61 2.21 0.00	24.56 2.13 0.00	25.29 2.14 0.00	22.75 2.10 0.00	21.62 2.05 0.00	20.52 1.81 0.00	20.89 1.90 0.00	22.31 2.13 0.00	23.35 2.13 0.00	24.00 2.30 0.00	23.85 2.28 0.00	27.64 3.07 0.00	40.70 2.53 -18.36	40.44 2.79 -16.16	33.58 3.74 0.00	28.30 2.66 0.00	23.57 1.40 -9.28
ISLIP_RES_REC 323679	31.82 1.70 -13.05	20.76 1.58 -2.23	20.61 1.54 -2.53	19.39 1.55 -2.23	20.64 1.43 -3.89	30.64 1.71 -9.67	24.99 2.00 -0.01	22.06 1.66 0.00	24.37 1.94 0.00	24.91 1.76 0.00	22.31 1.66 0.00	21.08 1.50 0.00	20.17 1.45 0.00	20.54 1.55 0.00	21.92 1.75 0.00	24.19 1.98 -0.99	24.25 1.99 -0.56	23.75 2.18 0.00	26.90 2.32 0.00	109.48 1.92 -87.74	169.18 2.18 -145.50	32.70 2.49 -0.36	28.02 2.37 -0.02	24.16 1.30 -9.97
JAMAICA__27_KV_LOAD 355505	18.13 1.06 0.00	17.99 1.03 0.00	17.53 0.99 0.00	17.49 0.99 -0.90	17.32 0.91 -1.08	21.24 1.07 -0.90	24.37 1.39 0.00	21.75 1.35 0.00	23.90 1.47 0.00	24.63 1.47 0.00	22.05 1.40 0.00	20.86 1.29 0.00	20.04 1.32 0.00	20.25 1.25 0.00	21.54 1.37 0.00	22.73 1.50 0.00	23.36 1.66 0.00	23.13 1.57 0.00	26.17 1.59 0.00	35.24 1.23 -14.19	35.31 1.33 -12.49	31.61 1.77 0.00	27.21 1.58 0.00	20.87 0.81 -7.17
JANIS___SOLAR 323808	17.80 0.73 0.00	17.66 0.71 0.00	17.21 0.67 0.00	16.45 0.60 -0.24	16.24 0.63 -0.29	20.42 0.92 -0.24	24.25 1.27 0.00	21.32 0.92 0.00	23.21 0.78 0.00	23.59 0.44 0.00	20.94 0.30 0.00	19.88 0.31 0.00	18.95 0.23 0.00	19.19 0.20 0.00	20.40 0.23 0.00	21.42 0.20 0.00	21.97 0.27 0.00	22.02 0.45 0.00	25.41 0.84 0.00	24.64 0.84 -3.98	25.98 0.98 -3.51	31.14 1.30 0.00	26.49 0.85 0.00	15.23 0.33 -2.01
JARVIS____ 23743	17.09 0.02 0.00	16.97 0.02 0.00	16.55 0.02 0.00	15.62 0.02 0.00	15.34 0.02 0.00	19.28 0.02 0.00	23.02 0.05 0.00	20.42 0.02 0.00	22.45 0.02 0.00	23.15 -0.01 0.00	20.66 0.01 0.00	19.59 0.02 0.00	18.72 0.00 0.00	19.00 0.00 0.00	20.17 0.00 0.00	21.22 0.00 0.00	21.70 0.00 0.00	21.57 0.00 0.00	24.60 0.02 0.00	19.85 0.04 0.00	21.53 0.04 0.00	29.90 0.06 0.00	25.64 0.00 0.00	12.89 0.00 0.00
JENNISON___1 23625	17.94 0.87 0.00	17.80 0.85 0.00	17.35 0.81 0.00	16.65 0.74 -0.30	16.44 0.76 -0.36	20.64 1.08 -0.30	24.42 1.44 0.00	21.52 1.12 0.00	23.59 1.16 0.00	24.14 0.99 0.00	21.48 0.84 0.00	20.39 0.82 0.00	19.45 0.74 0.00	19.70 0.70 0.00	20.94 0.77 0.00	21.99 0.78 0.00	22.54 0.84 0.00	22.51 0.94 0.00	25.84 1.27 0.00	25.87 1.08 -4.98	27.03 1.16 -4.38	31.38 1.54 0.00	26.76 1.13 0.00	15.90 0.50 -2.52
JENNISON___2 23626	17.94 0.87 0.00	17.80 0.85 0.00	17.35 0.81 0.00	16.65 0.74 -0.30	16.44 0.76 -0.36	20.64 1.08 -0.30	24.42 1.44 0.00	21.52 1.12 0.00	23.59 1.16 0.00	24.14 0.99 0.00	21.48 0.84 0.00	20.39 0.82 0.00	19.45 0.74 0.00	19.70 0.70 0.00	20.94 0.77 0.00	21.99 0.78 0.00	22.54 0.84 0.00	22.51 0.94 0.00	25.84 1.27 0.00	25.87 1.08 -4.98	27.03 1.16 -4.38	31.38 1.54 0.00	26.76 1.13 0.00	15.90 0.50 -2.52

JERICO_RISE_WT_PWR 323719	17.04 -0.03 0.00	16.94 -0.02 0.00	16.42 -0.11 0.00	15.46 -0.15 0.00	15.20 -0.13 0.00	19.11 -0.15 0.00	22.90 -0.08 0.00	20.57 0.17 0.00	22.65 0.21 0.00	23.30 0.14 0.00	20.38 -0.27 0.00	19.23 -0.34 0.00	18.49 -0.23 0.00	18.89 -0.11 0.00	20.03 -0.14 0.00	21.12 -0.10 0.00	21.61 -0.09 0.00	21.50 -0.07 0.00	24.63 0.06 0.00	19.90 0.09 0.00	21.63 0.14 0.00	30.06 0.21 0.00	25.76 0.13 0.00	12.95 0.06 0.00
KATONAH__115KV_46KV_TB4 355592	18.07 1.00 0.00	17.91 0.96 0.00	17.45 0.92 0.00	17.43 0.91 -0.90	17.28 0.86 -1.09	21.22 1.04 -0.91	24.30 1.33 0.00	21.64 1.24 0.00	23.79 1.36 0.00	24.50 1.35 0.00	21.97 1.32 0.00	20.79 1.22 0.00	19.92 1.21 0.00	20.18 1.18 0.00	21.46 1.29 0.00	22.61 1.39 0.00	23.22 1.52 0.00	23.04 1.47 0.00	26.15 1.57 0.00	35.43 1.23 -14.37	35.50 1.35 -12.65	31.61 1.76 0.00	27.17 1.53 0.00	20.95 0.80 -7.26
KCE_NY_1 323755	17.87 0.80 0.00	17.80 0.84 0.00	17.38 0.85 0.00	17.55 0.82 -1.12	17.51 0.83 -1.35	21.45 1.06 -1.13	24.29 1.31 0.00	21.52 1.11 0.00	23.48 1.05 0.00	24.16 1.01 0.00	21.62 0.98 0.00	20.50 0.93 0.00	19.56 0.85 0.00	19.82 0.83 0.00	21.06 0.89 0.00	22.11 0.89 0.00	22.68 0.98 0.00	22.59 1.03 0.00	25.90 1.33 0.00	39.31 1.17 -18.32	38.91 1.29 -16.13	31.53 1.69 0.00	26.97 1.33 0.00	22.83 0.68 -9.26
KCE_NY_6_ESR 323823	16.46 -0.61 0.00	16.35 -0.60 0.00	15.92 -0.62 0.00	15.04 -0.73 -0.16	14.79 -0.72 -0.19	18.55 -0.87 -0.16	22.18 -0.82 -0.02	19.60 -0.81 0.00	21.86 -0.58 0.00	22.50 -0.66 0.00	19.97 -0.71 -0.03	19.18 -0.40 -0.01	18.17 -0.55 0.00	18.44 -0.55 0.00	19.68 -0.49 0.00	20.64 -0.58 0.00	20.76 -0.94 0.00	20.68 -0.89 0.00	23.56 -1.01 0.00	21.58 -0.89 -2.66	22.83 -1.00 -2.34	28.67 -1.17 0.00	24.50 -1.13 0.00	13.69 -0.55 -1.34
KEDC_PORT_JEFF_GT2 24210	33.85 1.58 -15.19	21.17 1.48 -2.74	21.09 1.44 -3.12	19.56 1.46 -2.50	21.19 1.34 -4.54	32.52 1.58 -11.69	24.81 1.83 -0.01	21.88 1.48 0.00	24.20 1.77 0.00	24.70 1.55 0.00	22.12 1.47 0.00	20.89 1.32 0.00	20.00 1.29 0.00	20.39 1.40 0.00	21.80 1.63 0.00	24.06 1.85 -0.99	24.12 1.86 -0.56	23.59 2.02 0.00	26.70 2.13 0.00	111.33 1.76 -89.76	171.01 2.00 -147.52	32.56 2.27 -0.45	27.84 2.18 -0.02	24.08 1.22 -9.97
KEDC_PORT_JEFF_GT3 24211	33.85 1.58 -15.19	21.17 1.48 -2.74	21.09 1.44 -3.12	19.56 1.46 -2.50	21.19 1.34 -4.54	32.52 1.58 -11.69	24.81 1.83 -0.01	21.88 1.48 0.00	24.20 1.77 0.00	24.70 1.55 0.00	22.12 1.47 0.00	20.89 1.32 0.00	20.00 1.29 0.00	20.39 1.40 0.00	21.80 1.63 0.00	24.06 1.85 -0.99	24.12 1.86 -0.56	23.59 2.02 0.00	26.70 2.13 0.00	111.33 1.76 -89.76	171.01 2.00 -147.52	32.56 2.27 -0.45	27.84 2.18 -0.02	24.08 1.22 -9.97
KEDC_GLWD_GT4 24219	22.06 1.22 -3.77	18.10 1.15 0.00	17.64 1.10 0.00	17.76 1.10 -1.05	17.44 1.03 -1.08	21.38 1.22 -0.90	24.45 1.47 0.00	21.66 1.26 0.00	23.87 1.44 0.00	24.58 1.43 0.00	22.10 1.46 0.00	20.93 1.36 0.00	20.08 1.37 0.00	20.33 1.34 0.00	21.70 1.53 0.00	23.90 1.68 -0.99	24.04 1.78 -0.56	23.31 1.74 0.00	26.37 1.80 0.00	98.47 1.44 -77.22	156.64 1.58 -133.56	31.80 1.96 0.00	27.41 1.78 0.00	23.82 0.96 -9.97
KEDC_GLWD_GT5 24220	22.06 1.22 -3.77	18.10 1.15 0.00	17.64 1.10 0.00	17.76 1.10 -1.05	17.44 1.03 -1.08	21.38 1.22 -0.90	24.45 1.47 0.00	21.66 1.26 0.00	23.87 1.44 0.00	24.58 1.43 0.00	22.10 1.46 0.00	20.93 1.36 0.00	20.08 1.37 0.00	20.33 1.34 0.00	21.70 1.53 0.00	23.90 1.68 -0.99	24.04 1.78 -0.56	23.31 1.74 0.00	26.37 1.80 0.00	98.47 1.44 -77.22	156.64 1.58 -133.56	31.80 1.96 0.00	27.41 1.78 0.00	23.82 0.96 -9.97
KENSICO____ 23655	18.03 0.95 0.00	17.86 0.91 0.00	17.41 0.87 0.00	17.38 0.87 -0.90	17.22 0.82 -1.08	21.13 0.97 -0.90	24.20 1.22 0.00	21.54 1.14 0.00	23.71 1.28 0.00	24.43 1.27 0.00	21.91 1.26 0.00	20.73 1.16 0.00	19.88 1.17 0.00	20.13 1.13 0.00	21.41 1.24 0.00	22.57 1.35 0.00	23.18 1.48 0.00	22.98 1.41 0.00	26.06 1.49 0.00	35.14 1.16 -14.16	35.22 1.26 -12.47	31.49 1.65 0.00	27.09 1.46 0.00	20.81 0.76 -7.16
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.22 1.15 0.00	18.05 1.10 0.00	17.57 1.04 0.00	17.44 1.02 -0.81	17.27 0.98 -0.98	21.28 1.20 -0.82	24.52 1.54 0.00	21.73 1.33 0.00	23.96 1.53 0.00	24.59 1.44 0.00	21.95 1.30 0.00	20.76 1.19 0.00	19.96 1.24 0.00	20.13 1.13 0.00	21.23 1.06 0.00	22.47 1.25 0.00	23.04 1.34 0.00	22.94 1.37 0.00	26.09 1.52 0.00	34.28 1.24 -13.22	34.64 1.51 -11.64	31.88 2.03 0.00	27.41 1.77 0.00	20.48 0.91 -6.68
KIAC_JFK_GT1 23816	18.01 0.94 0.00	17.87 0.91 0.00	17.42 0.88 0.00	17.39 0.88 -0.90	17.22 0.81 -1.08	21.09 0.92 -0.90	24.15 1.17 0.00	21.54 1.14 0.00	23.65 1.22 0.00	24.40 1.25 0.00	21.90 1.25 0.00	20.72 1.16 0.00	19.91 1.19 0.00	20.11 1.12 0.00	21.39 1.22 0.00	22.57 1.35 0.00	23.21 1.51 0.00	22.97 1.40 0.00	25.92 1.35 0.00	35.02 1.02 -14.19	35.08 1.09 -12.49	31.31 1.46 0.00	27.01 1.38 0.00	20.78 0.72 -7.17
KIAC_JFK_GT2 23817	18.01 0.94 0.00	17.87 0.91 0.00	17.42 0.88 0.00	17.39 0.88 -0.90	17.22 0.81 -1.08	21.09 0.92 -0.90	24.15 1.17 0.00	21.54 1.14 0.00	23.65 1.22 0.00	24.40 1.25 0.00	21.90 1.25 0.00	20.72 1.16 0.00	19.91 1.19 0.00	20.11 1.12 0.00	21.39 1.22 0.00	22.57 1.35 0.00	23.21 1.51 0.00	22.97 1.40 0.00	25.92 1.35 0.00	35.02 1.02 -14.19	35.08 1.09 -12.49	31.31 1.46 0.00	27.01 1.38 0.00	20.78 0.72 -7.17
KIAC_JFK____ 323774	18.01 0.94 0.00	17.87 0.91 0.00	17.42 0.88 0.00	17.39 0.88 -0.90	17.22 0.81 -1.08	21.09 0.92 -0.90	24.15 1.17 0.00	21.54 1.14 0.00	23.65 1.22 0.00	24.40 1.25 0.00	21.90 1.25 0.00	20.72 1.16 0.00	19.91 1.19 0.00	20.11 1.12 0.00	21.39 1.22 0.00	22.57 1.35 0.00	23.21 1.51 0.00	22.97 1.40 0.00	25.92 1.35 0.00	35.02 1.02 -14.19	35.08 1.09 -12.49	31.31 1.46 0.00	27.01 1.38 0.00	20.78 0.72 -7.17
KINTIGH____ 23543	16.19 -0.89 0.00	16.07 -0.88 0.00	15.66 -0.87 0.00	14.82 -0.92 -0.13	14.56 -0.92 -0.16	18.26 -1.14 -0.13	21.83 -1.14 0.00	19.29 -1.11 0.00	21.42 -1.01 0.00	22.07 -1.09 0.00	19.56 -1.08 0.00	18.79 -0.78 0.00	17.82 -0.90 0.00	18.08 -0.92 0.00	19.29 -0.89 0.00	20.24 -0.98 0.00	20.39 -1.32 0.00	20.30 -1.27 0.00	23.14 -1.43 0.00	20.89 -1.16 -2.23	22.16 -1.29 -1.96	28.20 -1.64 0.00	24.17 -1.47 0.00	13.35 -0.67 -1.13
KNTFSRNC_46_KV_46KV_LOAD 80397	17.20 0.13 0.00	17.12 0.17 0.00	16.59 0.06 0.00	15.63 0.02 0.00	15.37 0.05 0.00	19.33 0.06 0.00	23.20 0.22 0.00	20.84 0.44 0.00	22.89 0.46 0.00	23.50 0.35 0.00	20.57 -0.08 0.00	19.38 -0.18 0.00	18.61 -0.11 0.00	18.99 0.00 0.00	20.16 -0.01 0.00	21.25 0.03 0.00	21.78 0.07 0.00	21.67 0.10 0.00	24.91 0.34 0.00	20.16 0.34 0.00	21.94 0.44 0.00	30.46 0.61 0.00	26.04 0.41 0.00	13.08 0.19 0.00

LACHUTE____HYDRO 323717	18.67 1.59 0.00	18.66 1.71 0.00	18.22 1.69 0.00	18.36 1.63 -1.12	18.43 1.75 -1.35	22.64 2.24 -1.13	25.63 2.65 0.00	22.61 2.21 0.00	24.56 2.12 0.00	25.29 2.14 0.00	22.75 2.10 0.00	21.62 2.05 0.00	20.52 1.81 0.00	20.89 1.90 0.00	22.31 2.13 0.00	23.35 2.13 0.00	24.00 2.30 0.00	23.86 2.29 0.00	27.64 3.07 0.00	40.70 2.52 -18.36	40.44 2.79 -16.16	33.58 3.74 0.00	28.30 2.66 0.00	23.57 1.40 -9.28
LAWRNCAV_115KV_TB1 80681	17.01 -0.06 0.00	16.88 -0.08 0.00	16.48 -0.06 0.00	15.53 -0.07 0.00	15.27 -0.05 0.00	19.22 -0.04 0.00	22.93 -0.05 0.00	20.36 -0.04 0.00	22.41 -0.02 0.00	23.15 -0.01 0.00	20.42 -0.23 0.00	19.28 -0.29 0.00	18.47 -0.25 0.00	18.70 -0.29 0.00	19.65 -0.53 0.00	20.63 -0.60 0.00	21.04 -0.66 0.00	20.79 -0.78 0.00	23.73 -0.84 0.00	19.22 -0.60 0.00	20.90 -0.59 0.00	29.22 -0.62 0.00	25.34 -0.29 0.00	12.68 -0.21 0.00
LEDERLE____ 23769	18.06 0.99 0.00	17.90 0.95 0.00	17.44 0.90 0.00	17.38 0.90 -0.87	17.21 0.84 -1.05	21.15 1.01 -0.87	24.27 1.29 0.00	21.60 1.19 0.00	23.78 1.35 0.00	24.49 1.34 0.00	21.96 1.31 0.00	20.78 1.21 0.00	19.92 1.21 0.00	20.15 1.16 0.00	21.45 1.28 0.00	22.62 1.40 0.00	23.25 1.55 0.00	23.06 1.49 0.00	26.14 1.57 0.00	34.68 1.24 -13.63	34.84 1.35 -12.00	31.61 1.76 0.00	27.17 1.54 0.00	20.57 0.79 -6.89
LIGHTHSE_115KV_TB6 355974	16.85 -0.22 0.00	16.68 -0.27 0.00	16.29 -0.25 0.00	15.42 -0.27 -0.08	15.18 -0.23 -0.09	19.12 -0.22 -0.08	22.82 -0.16 0.00	20.19 -0.21 0.00	22.14 -0.30 0.00	22.71 -0.44 0.00	20.18 -0.47 0.00	19.15 -0.42 0.00	18.28 -0.44 0.00	18.53 -0.47 0.00	19.68 -0.49 0.00	20.68 -0.54 0.00	21.11 -0.59 0.00	21.01 -0.56 0.00	24.04 -0.53 0.00	20.79 -0.32 -1.29	22.41 -0.22 -1.14	29.61 -0.24 0.00	25.30 -0.34 0.00	13.20 -0.34 -0.65
LINDEN COGEN____ 23786	17.97 0.89 0.00	17.82 0.87 0.00	17.37 0.83 0.00	17.34 0.83 -0.90	17.17 0.77 -1.08	21.06 0.89 -0.90	24.11 1.14 0.00	21.46 1.07 0.00	23.67 1.24 0.00	24.40 1.25 0.00	21.89 1.24 0.00	20.72 1.15 0.00	19.90 1.18 0.00	20.13 1.13 0.00	21.41 1.24 0.00	22.58 1.36 0.00	23.22 1.52 0.00	23.00 1.43 0.00	26.00 1.43 0.00	35.11 1.10 -14.19	35.16 1.18 -12.49	31.40 1.55 0.00	27.06 1.43 0.00	20.80 0.74 -7.17
LINDHRST_69_KV_BK1 356055	23.21 1.53 -4.60	18.57 1.42 -0.20	18.13 1.37 -0.23	18.14 1.38 -1.15	17.93 1.28 -1.33	22.48 1.52 -1.70	24.78 1.80 0.00	21.86 1.46 0.00	24.25 1.82 0.00	24.86 1.71 0.00	22.31 1.67 0.00	21.11 1.53 0.00	20.19 1.47 0.00	20.51 1.52 0.00	21.86 1.69 0.00	24.09 1.88 -0.99	24.18 1.92 -0.56	23.55 1.98 0.00	26.68 2.10 0.00	99.51 1.69 -78.00	157.77 1.95 -134.33	32.17 2.29 -0.03	27.80 2.16 0.00	24.07 1.21 -9.97
LIPA_MISC_IPP 23656	32.14 1.59 -13.47	20.76 1.48 -2.33	20.63 1.45 -2.65	19.35 1.47 -2.28	20.68 1.34 -4.02	30.92 1.59 -10.07	24.83 1.85 -0.01	21.91 1.51 0.00	24.23 1.80 0.00	24.76 1.61 0.00	22.19 1.54 0.00	20.95 1.39 0.00	20.06 1.35 0.00	20.42 1.42 0.00	21.77 1.60 0.00	24.01 1.80 -0.99	24.03 1.77 -0.56	23.56 1.99 0.00	26.69 2.12 0.00	109.67 1.71 -88.14	169.39 1.99 -145.90	32.49 2.27 -0.38	27.85 2.20 -0.02	24.09 1.22 -9.97
LISF____SOLAR 323691	32.28 1.62 -13.59	20.82 1.51 -2.36	20.69 1.47 -2.68	19.39 1.49 -2.30	20.74 1.37 -4.05	31.06 1.62 -10.17	24.87 1.89 -0.01	21.91 1.51 0.00	24.26 1.83 0.00	24.78 1.63 0.00	22.19 1.54 0.00	20.95 1.38 0.00	20.06 1.34 0.00	20.42 1.42 0.00	21.77 1.60 0.00	24.02 1.81 -0.99	24.07 1.81 -0.56	23.60 2.03 0.00	26.73 2.16 0.00	109.86 1.79 -88.25	169.53 2.03 -146.01	32.55 2.32 -0.39	27.90 2.24 -0.02	24.11 1.25 -9.97
LITTLE FALLS____HYD 24013	17.22 0.15 0.00	17.14 0.19 0.00	16.71 0.17 0.00	15.80 0.19 0.00	15.54 0.22 0.00	19.58 0.32 0.00	23.43 0.45 0.00	20.64 0.24 0.00	22.56 0.13 0.00	23.12 -0.04 0.00	20.70 0.05 0.00	19.63 0.06 0.00	18.70 -0.01 0.00	18.89 -0.10 0.00	20.00 -0.16 0.00	20.93 -0.29 0.00	21.58 -0.12 0.00	21.45 -0.12 0.00	24.67 0.10 0.00	20.14 0.32 0.00	21.83 0.33 0.00	30.26 0.42 0.00	25.88 0.25 0.00	13.02 0.13 0.00
LITTLRIV_115KV_TB1 356100	17.16 0.08 0.00	17.02 0.07 0.00	16.62 0.09 0.00	15.68 0.07 0.00	15.41 0.09 0.00	19.42 0.16 0.00	23.18 0.21 0.00	20.52 0.12 0.00	22.62 0.19 0.00	23.35 0.20 0.00	20.59 -0.06 0.00	19.44 -0.13 0.00	18.62 -0.09 0.00	18.87 -0.12 0.00	19.82 -0.35 0.00	20.81 -0.41 0.00	21.21 -0.49 0.00	20.97 -0.60 0.00	23.96 -0.62 0.00	19.42 -0.40 0.00	21.13 -0.36 0.00	29.55 -0.29 0.00	25.60 -0.04 0.00	12.80 -0.09 0.00
LI_NEWBRDGE____DRP 323616	22.09 1.25 -3.77	18.11 1.16 0.00	17.66 1.12 0.00	17.80 1.14 -1.05	17.45 1.04 -1.08	21.38 1.22 -0.90	24.39 1.42 0.00	21.54 1.13 0.00	23.88 1.45 0.00	24.55 1.40 0.00	22.07 1.42 0.00	20.87 1.30 0.00	19.99 1.28 0.00	20.30 1.30 0.00	21.62 1.45 0.00	23.81 1.60 -0.99	23.91 1.65 -0.56	23.22 1.65 0.00	26.26 1.69 0.00	100.73 1.34 -79.56	160.80 1.53 -137.78	31.62 1.77 0.00	27.34 1.71 0.00	23.84 0.98 -9.97
LOCKPORT_115KV_TB60_63_64 80432	16.03 -1.05 0.00	15.94 -1.01 0.00	15.54 -0.99 0.00	14.69 -1.06 -0.14	14.44 -1.06 -0.17	18.10 -1.31 -0.14	21.64 -1.33 0.01	19.15 -1.25 0.00	21.33 -1.10 0.00	21.92 -1.23 0.00	19.37 -1.26 0.01	18.68 -0.88 0.00	17.69 -1.03 0.00	17.95 -1.05 0.00	19.14 -1.03 0.00	20.08 -1.14 0.00	20.17 -1.53 0.00	20.12 -1.45 0.00	22.93 -1.63 0.00	20.91 -1.33 -2.42	22.13 -1.49 -2.13	28.04 -1.81 0.00	24.01 -1.63 0.00	13.36 -0.75 -1.22
LOCKPORT____CC1 323769	16.04 -1.03 0.00	15.95 -1.00 0.00	15.54 -0.99 0.00	14.69 -1.06 -0.14	14.45 -1.04 -0.17	18.10 -1.31 -0.15	21.64 -1.33 0.00	19.15 -1.25 0.00	21.34 -1.09 0.00	21.94 -1.22 0.00	19.41 -1.23 0.01	18.69 -0.88 0.00	17.70 -1.02 0.00	17.96 -1.03 0.00	19.17 -1.01 0.00	20.10 -1.13 0.00	20.18 -1.52 0.00	20.12 -1.45 0.00	22.93 -1.64 0.00	20.90 -1.35 -2.44	22.14 -1.49 -2.14	28.03 -1.82 0.00	23.99 -1.65 0.00	13.37 -0.75 -1.23
LOCKPORT____CC2 323770	16.04 -1.03 0.00	15.95 -1.00 0.00	15.54 -0.99 0.00	14.69 -1.06 -0.14	14.45 -1.04 -0.17	18.10 -1.31 -0.15	21.64 -1.33 0.00	19.15 -1.25 0.00	21.34 -1.09 0.00	21.94 -1.22 0.00	19.41 -1.23 0.01	18.69 -0.88 0.00	17.70 -1.02 0.00	17.96 -1.03 0.00	19.17 -1.01 0.00	20.10 -1.13 0.00	20.18 -1.52 0.00	20.12 -1.45 0.00	22.93 -1.64 0.00	20.90 -1.35 -2.44	22.14 -1.49 -2.14	28.03 -1.82 0.00	23.99 -1.65 0.00	13.37 -0.75 -1.23
LOCKPORT____CC3 323771	16.04 -1.03 0.00	15.95 -1.00 0.00	15.54 -0.99 0.00	14.69 -1.06 -0.14	14.45 -1.04 -0.17	18.10 -1.31 -0.15	21.64 -1.33 0.00	19.15 -1.25 0.00	21.34 -1.09 0.00	21.94 -1.22 0.00	19.41 -1.23 0.01	18.69 -0.88 0.00	17.70 -1.02 0.00	17.96 -1.03 0.00	19.17 -1.01 0.00	20.10 -1.13 0.00	20.18 -1.52 0.00	20.12 -1.45 0.00	22.93 -1.64 0.00	20.90 -1.35 -2.44	22.14 -1.49 -2.14	28.03 -1.82 0.00	23.99 -1.65 0.00	13.37 -0.75 -1.23

LONG_LAKE_PHOENIX 24014	16.65 -0.42 0.00	16.52 -0.44 0.00	16.10 -0.44 0.00	15.26 -0.43 -0.08	15.01 -0.41 -0.10	18.87 -0.48 -0.09	22.50 -0.47 0.00	19.94 -0.47 0.00	21.93 -0.50 0.00	22.56 -0.59 0.00	20.12 -0.52 0.00	19.12 -0.44 0.00	18.25 -0.46 0.00	18.51 -0.49 0.00	19.67 -0.51 0.00	20.68 -0.54 0.00	21.11 -0.59 0.00	21.01 -0.56 0.00	24.00 -0.57 0.00	20.83 -0.44 -1.45	22.30 -0.48 -1.28	29.18 -0.66 0.00	24.98 -0.66 0.00	13.27 -0.36 -0.73
LOVETT___3 23632	17.98 0.91 0.00	17.83 0.87 0.00	17.37 0.83 0.00	17.31 0.84 -0.87	17.15 0.78 -1.05	21.06 0.92 -0.88	24.16 1.18 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.37 1.21 0.00	21.85 1.20 0.00	20.67 1.10 0.00	19.82 1.11 0.00	20.06 1.06 0.00	21.34 1.17 0.00	22.50 1.28 0.00	23.12 1.42 0.00	22.93 1.36 0.00	26.00 1.43 0.00	34.63 1.12 -13.69	34.76 1.22 -12.05	31.43 1.59 0.00	27.04 1.40 0.00	20.54 0.73 -6.92
LOVETT___4 23642	17.98 0.91 0.00	17.83 0.87 0.00	17.37 0.83 0.00	17.31 0.84 -0.87	17.15 0.78 -1.05	21.06 0.92 -0.88	24.16 1.18 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.37 1.21 0.00	21.85 1.20 0.00	20.67 1.10 0.00	19.82 1.11 0.00	20.06 1.06 0.00	21.34 1.17 0.00	22.50 1.28 0.00	23.12 1.42 0.00	22.93 1.36 0.00	26.00 1.43 0.00	34.63 1.12 -13.69	34.76 1.22 -12.05	31.43 1.59 0.00	27.04 1.40 0.00	20.54 0.73 -6.92
LOVETT___5 23593	17.98 0.91 0.00	17.83 0.87 0.00	17.37 0.83 0.00	17.31 0.84 -0.87	17.15 0.78 -1.05	21.06 0.92 -0.88	24.16 1.18 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.37 1.21 0.00	21.85 1.20 0.00	20.67 1.10 0.00	19.82 1.11 0.00	20.06 1.06 0.00	21.34 1.17 0.00	22.50 1.28 0.00	23.12 1.42 0.00	22.93 1.36 0.00	26.00 1.43 0.00	34.63 1.12 -13.69	34.76 1.22 -12.05	31.43 1.59 0.00	27.04 1.40 0.00	20.54 0.73 -6.92
LOWER RAQUET___HYD 24057	17.02 -0.05 0.00	16.88 -0.07 0.00	16.49 -0.05 0.00	15.54 -0.07 0.00	15.28 -0.05 0.00	19.24 -0.02 0.00	22.96 -0.02 0.00	20.39 -0.01 0.00	22.44 0.00 0.00	23.16 0.00 0.00	20.42 -0.23 0.00	19.28 -0.29 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.58 -0.59 0.00	20.54 -0.67 0.00	20.96 -0.74 0.00	20.68 -0.89 0.00	23.62 -0.95 0.00	19.15 -0.67 0.00	20.85 -0.65 0.00	29.17 -0.67 0.00	25.35 -0.29 0.00	12.67 -0.22 0.00
LOWER___HUDSON 24059	17.71 0.64 0.00	17.63 0.68 0.00	17.23 0.69 0.00	17.38 0.68 -1.10	17.33 0.68 -1.33	21.21 0.83 -1.11	23.98 1.00 0.00	21.25 0.85 0.00	23.21 0.78 0.00	23.92 0.76 0.00	21.43 0.78 0.00	20.28 0.71 0.00	19.38 0.66 0.00	19.64 0.65 0.00	20.84 0.67 0.00	21.83 0.61 0.00	22.39 0.69 0.00	22.27 0.70 0.00	25.51 0.94 0.00	38.63 0.89 -17.93	38.25 0.97 -15.78	31.13 1.29 0.00	26.60 0.96 0.00	22.50 0.55 -9.06
LOWVILLE_115KV_TB2 356335	17.34 0.26 0.00	17.14 0.19 0.00	16.77 0.23 0.00	15.82 0.17 -0.04	15.61 0.25 -0.05	19.69 0.39 -0.04	23.56 0.58 0.00	20.79 0.39 0.00	22.80 0.37 0.00	23.35 0.19 0.00	20.65 0.00 0.00	19.55 -0.02 0.00	18.66 -0.05 0.00	18.91 -0.09 0.00	20.03 -0.13 0.00	21.03 -0.19 0.00	21.51 -0.19 0.00	21.43 -0.14 0.00	24.60 0.03 0.00	20.70 0.23 -0.65	22.51 0.45 -0.57	30.56 0.72 0.00	25.92 0.29 0.00	13.00 -0.21 -0.33
LUTHERFT_115KV_GLOB_FND_222 355753	17.88 0.81 0.00	17.81 0.85 0.00	17.39 0.85 0.00	17.56 0.83 -1.12	17.51 0.83 -1.35	21.45 1.06 -1.13	24.29 1.31 0.00	21.54 1.14 0.00	23.50 1.06 0.00	24.18 1.02 0.00	21.64 1.00 0.00	20.50 0.93 0.00	19.57 0.85 0.00	19.83 0.84 0.00	21.07 0.90 0.00	22.12 0.90 0.00	22.69 0.99 0.00	22.59 1.03 0.00	25.90 1.33 0.00	39.30 1.17 -18.32	38.91 1.29 -16.13	31.54 1.70 0.00	26.94 1.31 0.00	22.83 0.68 -9.26
LUTHERNY_35_KV_BK2 355980	17.87 0.80 0.00	17.80 0.85 0.00	17.39 0.85 0.00	17.55 0.82 -1.12	17.51 0.83 -1.35	21.45 1.06 -1.13	24.29 1.31 0.00	21.52 1.12 0.00	23.48 1.05 0.00	24.16 1.01 0.00	21.63 0.98 0.00	20.50 0.93 0.00	19.56 0.85 0.00	19.82 0.83 0.00	21.06 0.89 0.00	22.11 0.89 0.00	22.68 0.98 0.00	22.59 1.02 0.00	25.90 1.33 0.00	39.31 1.17 -18.32	38.91 1.29 -16.13	31.53 1.69 0.00	26.97 1.33 0.00	22.83 0.68 -9.26
LWR___OSWEGATCHIE_HYD 23850	17.13 0.06 0.00	16.96 0.01 0.00	16.57 0.04 0.00	15.64 0.00 -0.03	15.41 0.05 -0.03	19.42 0.13 -0.03	23.20 0.23 0.00	20.55 0.14 0.00	22.54 0.10 0.00	23.14 -0.02 0.00	20.42 -0.23 0.00	19.30 -0.27 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.69 -0.48 0.00	20.66 -0.56 0.00	21.10 -0.61 0.00	20.93 -0.64 0.00	23.99 -0.59 0.00	19.99 -0.31 -0.48	21.75 -0.17 -0.42	29.79 -0.06 0.00	25.58 -0.06 0.00	12.88 -0.25 -0.24
LYONS_FALL_HYD 23570	17.37 0.30 0.00	17.20 0.24 0.00	16.80 0.26 0.00	15.86 0.21 -0.04	15.63 0.27 -0.04	19.70 0.40 -0.04	23.55 0.58 0.00	20.79 0.39 0.00	22.84 0.41 0.00	23.43 0.28 0.00	20.79 0.14 0.00	19.69 0.12 0.00	18.79 0.08 0.00	19.05 0.06 0.00	20.21 0.04 0.00	21.23 0.01 0.00	21.71 0.01 0.00	21.62 0.05 0.00	24.79 0.22 0.00	20.74 0.31 -0.61	22.50 0.47 -0.54	30.57 0.72 0.00	26.01 0.38 0.00	13.15 -0.05 -0.31
MADISON___COUNTY_LFGE 323628	17.45 0.38 0.00	17.30 0.34 0.00	16.86 0.33 0.00	15.96 0.29 -0.06	15.71 0.31 -0.07	19.77 0.45 -0.06	23.62 0.64 0.00	20.80 0.40 0.00	22.87 0.44 0.00	23.52 0.36 0.00	20.95 0.31 0.00	19.87 0.31 0.00	18.97 0.25 0.00	19.23 0.23 0.00	20.44 0.27 0.00	21.50 0.28 0.00	21.98 0.28 0.00	21.89 0.32 0.00	25.04 0.47 0.00	21.30 0.47 -1.00	22.91 0.53 -0.88	30.60 0.76 0.00	26.15 0.52 0.00	13.57 0.17 -0.51
MALONE___115KV_TB1 356076	17.23 0.16 0.00	17.11 0.16 0.00	16.63 0.09 0.00	15.66 0.06 0.00	15.39 0.07 0.00	19.37 0.11 0.00	23.24 0.26 0.00	20.82 0.42 0.00	22.90 0.47 0.00	23.56 0.41 0.00	20.65 0.00 0.00	19.49 -0.08 0.00	18.69 -0.03 0.00	19.05 0.06 0.00	20.14 -0.03 0.00	21.20 -0.02 0.00	21.67 -0.03 0.00	21.52 -0.05 0.00	24.66 0.08 0.00	19.93 0.12 0.00	21.68 0.18 0.00	30.20 0.35 0.00	25.95 0.31 0.00	13.01 0.12 0.00
MAPLEWOD_115KV_TB3 80458	17.82 0.75 0.00	17.73 0.78 0.00	17.32 0.78 0.00	17.46 0.76 -1.09	17.40 0.75 -1.32	21.30 0.94 -1.10	24.12 1.14 0.00	21.39 0.99 0.00	23.39 0.96 0.00	24.07 0.92 0.00	21.55 0.90 0.00	20.40 0.83 0.00	19.49 0.78 0.00	19.74 0.75 0.00	20.96 0.79 0.00	22.00 0.78 0.00	22.57 0.86 0.00	22.46 0.89 0.00	25.71 1.14 0.00	38.60 0.94 -17.84	38.24 1.05 -15.71	31.24 1.40 0.00	26.72 1.08 0.00	22.50 0.59 -9.02
MAPLE RIDGE_WT_1 323574	16.87 -0.21 0.00	16.73 -0.22 0.00	16.34 -0.20 0.00	15.40 -0.21 0.00	15.12 -0.20 0.00	19.00 -0.26 0.00	22.66 -0.32 0.00	20.16 -0.24 0.00	22.21 -0.22 0.00	22.96 -0.19 0.00	20.43 -0.22 0.00	19.34 -0.22 0.00	18.52 -0.20 0.00	18.80 -0.19 0.00	19.94 -0.23 0.00	20.99 -0.23 0.00	21.42 -0.28 0.00	21.29 -0.28 0.00	24.20 -0.38 0.00	19.54 -0.27 0.00	21.21 -0.28 0.00	29.30 -0.54 0.00	24.67 -0.97 0.00	12.24 -0.65 0.00

MAPLE_RIDGE_WT_2 323611	16.87 -0.21 0.00	16.73 -0.22 0.00	16.34 -0.20 0.00	15.40 -0.21 0.00	15.12 -0.20 0.00	19.00 -0.26 0.00	22.66 -0.32 0.00	20.16 -0.24 0.00	22.21 -0.22 0.00	22.96 -0.19 0.00	20.43 -0.22 0.00	19.34 -0.22 0.00	18.52 -0.20 0.00	18.80 -0.19 0.00	19.94 -0.23 0.00	20.99 -0.23 0.00	21.42 -0.28 0.00	21.29 -0.28 0.00	24.20 -0.38 0.00	19.54 -0.27 0.00	21.21 -0.28 0.00	29.30 -0.54 0.00	24.67 -0.97 0.00	12.24 -0.65 0.00
MARBLE_RIVER_WT_PWR 323696	17.05 -0.02 0.00	16.96 0.01 0.00	16.45 -0.09 0.00	15.48 -0.13 0.00	15.22 -0.10 0.00	19.13 -0.13 0.00	22.94 -0.04 0.00	20.61 0.21 0.00	22.68 0.25 0.00	23.31 0.16 0.00	20.40 -0.25 0.00	19.25 -0.32 0.00	18.50 -0.22 0.00	18.90 -0.10 0.00	20.05 -0.12 0.00	21.14 -0.08 0.00	21.65 -0.06 0.00	21.53 -0.04 0.00	24.69 0.12 0.00	19.95 0.13 0.00	21.69 0.20 0.00	30.12 0.28 0.00	25.81 0.18 0.00	12.97 0.08 0.00
MARSHVLE_115KV_TB1 80742	18.11 1.03 0.00	17.96 1.00 0.00	17.52 0.99 0.00	17.85 0.91 -1.33	17.83 0.90 -1.61	21.81 1.20 -1.34	24.51 1.53 0.00	21.70 1.30 0.00	23.82 1.39 0.00	24.49 1.34 0.00	21.75 1.10 0.00	20.60 1.03 0.00	19.68 0.97 0.00	19.91 0.91 0.00	21.20 1.03 0.00	22.40 1.18 0.00	22.78 1.07 0.00	22.71 1.14 0.00	25.94 1.36 0.00	42.86 1.13 -21.91	42.04 1.26 -19.29	31.72 1.88 0.00	27.16 1.52 0.00	24.69 0.72 -11.07
MARSH_HILL_WT_PWR 323713	17.80 0.73 0.00	17.66 0.70 0.00	17.18 0.64 0.00	16.18 0.40 -0.18	15.94 0.40 -0.21	19.94 0.50 -0.18	23.68 0.69 0.00	20.72 0.32 0.00	23.12 0.69 0.00	23.96 0.81 0.00	21.36 0.71 -0.01	20.40 0.83 0.00	19.38 0.66 0.00	19.55 0.56 0.00	20.78 0.61 0.00	21.76 0.54 0.00	22.04 0.34 0.00	21.92 0.35 0.00	24.97 0.40 0.00	23.07 0.25 -3.00	24.27 0.13 -2.64	29.53 -0.31 0.00	25.05 -0.58 0.00	13.99 -0.42 -1.52
MCINTYRE_115KV_TB2 80467	17.20 0.13 0.00	17.07 0.11 0.00	16.67 0.13 0.00	15.73 0.12 0.00	15.46 0.14 0.00	19.49 0.23 0.00	23.25 0.27 0.00	20.56 0.16 0.00	22.64 0.20 0.00	23.40 0.25 0.00	20.64 -0.01 0.00	19.49 -0.08 0.00	18.67 -0.04 0.00	18.95 -0.05 0.00	19.96 -0.21 0.00	20.97 -0.25 0.00	21.38 -0.33 0.00	21.18 -0.39 0.00	24.18 -0.39 0.00	19.57 -0.25 0.00	21.30 -0.19 0.00	29.74 -0.11 0.00	25.69 0.05 0.00	12.86 -0.03 0.00
MECO____69_KV_BK1 80468	18.62 1.55 0.00	18.45 1.50 0.00	18.00 1.46 0.00	18.25 1.37 -1.27	18.24 1.38 -1.53	22.40 1.87 -1.28	25.13 2.15 0.00	21.86 1.46 0.00	23.97 1.54 0.00	24.34 1.19 0.00	21.58 0.93 0.00	20.30 0.73 0.00	19.28 0.57 0.00	19.52 0.53 0.00	20.76 0.59 0.00	21.93 0.71 0.00	22.52 0.81 0.00	22.64 1.07 0.00	26.63 2.06 0.00	42.66 2.02 -20.82	41.88 2.06 -18.33	32.91 3.06 0.00	28.02 2.38 0.00	24.55 1.13 -10.52
MENANDS__115KV_TB5 355628	17.70 0.62 0.00	17.62 0.67 0.00	17.22 0.68 0.00	17.36 0.67 -1.08	17.28 0.65 -1.31	21.15 0.80 -1.09	23.92 0.94 0.00	21.22 0.82 0.00	23.20 0.77 0.00	23.91 0.76 0.00	21.45 0.80 0.00	20.30 0.72 0.00	19.41 0.69 0.00	19.65 0.65 0.00	20.85 0.68 0.00	21.87 0.65 0.00	22.42 0.72 0.00	22.29 0.72 0.00	25.48 0.91 0.00	38.30 0.80 -17.67	37.92 0.87 -15.56	31.00 1.15 0.00	26.54 0.90 0.00	22.33 0.51 -8.93
MG INDUSTRY__DRP 24185	17.71 0.64 0.00	17.63 0.68 0.00	17.22 0.68 0.00	17.33 0.66 -1.06	17.26 0.66 -1.28	21.15 0.81 -1.07	23.95 0.97 0.00	21.24 0.83 0.00	23.22 0.79 0.00	23.90 0.75 0.00	21.41 0.76 0.00	20.27 0.70 0.00	19.37 0.65 0.00	19.63 0.63 0.00	20.84 0.67 0.00	21.88 0.66 0.00	22.42 0.72 0.00	22.30 0.73 0.00	25.51 0.94 0.00	37.96 0.82 -17.33	37.63 0.88 -15.26	31.02 1.18 0.00	26.58 0.94 0.00	22.16 0.52 -8.76
MID__OSWEGATCHIE_HYD 23849	17.13 0.06 0.00	16.96 0.01 0.00	16.57 0.04 0.00	15.64 0.00 -0.03	15.41 0.05 -0.03	19.42 0.13 -0.03	23.20 0.23 0.00	20.55 0.14 0.00	22.54 0.10 0.00	23.14 -0.02 0.00	20.42 -0.23 0.00	19.30 -0.27 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.69 -0.48 0.00	20.66 -0.56 0.00	21.10 -0.61 0.00	20.93 -0.64 0.00	23.99 -0.59 0.00	19.99 -0.31 -0.48	21.75 -0.17 -0.42	29.79 -0.06 0.00	25.58 -0.06 0.00	12.88 -0.25 -0.24
MID__RAQUETTE_HYD 23851	17.02 -0.06 0.00	16.88 -0.07 0.00	16.49 -0.05 0.00	15.54 -0.07 0.00	15.28 -0.04 0.00	19.24 -0.02 0.00	22.96 -0.02 0.00	20.39 -0.01 0.00	22.44 0.00 0.00	23.16 0.00 0.00	20.41 -0.24 0.00	19.28 -0.29 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.59 -0.59 0.00	20.55 -0.67 0.00	20.96 -0.74 0.00	20.68 -0.89 0.00	23.62 -0.95 0.00	19.15 -0.67 0.00	20.85 -0.65 0.00	29.17 -0.67 0.00	25.35 -0.29 0.00	12.67 -0.22 0.00
MILLIKEN__1 23584	17.34 0.27 0.00	17.20 0.25 0.00	16.76 0.22 0.00	15.97 0.18 -0.18	15.74 0.20 -0.22	19.77 0.33 -0.18	23.49 0.51 0.00	20.75 0.35 0.00	22.78 0.34 0.00	23.35 0.20 0.00	20.79 0.14 0.00	19.76 0.19 0.00	18.82 0.11 0.00	19.09 0.09 0.00	20.32 0.15 0.00	21.32 0.10 0.00	21.83 0.13 0.00	21.75 0.18 0.00	24.93 0.36 0.00	23.26 0.36 -3.08	24.61 0.41 -2.71	30.35 0.51 0.00	25.98 0.34 0.00	14.57 0.12 -1.56
MILLIKEN__2 23585	17.34 0.27 0.00	17.20 0.25 0.00	16.76 0.22 0.00	15.97 0.18 -0.18	15.74 0.20 -0.22	19.77 0.33 -0.18	23.49 0.51 0.00	20.75 0.35 0.00	22.78 0.34 0.00	23.35 0.20 0.00	20.79 0.14 0.00	19.76 0.19 0.00	18.82 0.11 0.00	19.09 0.09 0.00	20.32 0.15 0.00	21.32 0.10 0.00	21.83 0.13 0.00	21.75 0.18 0.00	24.93 0.36 0.00	23.26 0.36 -3.08	24.61 0.41 -2.71	30.35 0.51 0.00	25.98 0.34 0.00	14.57 0.12 -1.56
MILLIKEN__DIESEL 23629	17.34 0.27 0.00	17.20 0.25 0.00	16.76 0.22 0.00	15.97 0.18 -0.18	15.74 0.20 -0.22	19.77 0.33 -0.18	23.49 0.51 0.00	20.75 0.35 0.00	22.78 0.34 0.00	23.35 0.20 0.00	20.79 0.14 0.00	19.76 0.19 0.00	18.82 0.11 0.00	19.09 0.09 0.00	20.32 0.15 0.00	21.32 0.10 0.00	21.83 0.13 0.00	21.75 0.18 0.00	24.93 0.36 0.00	23.26 0.36 -3.08	24.61 0.41 -2.71	30.35 0.51 0.00	25.98 0.34 0.00	14.57 0.12 -1.56
MILLSEAT__LFGE 323607	16.29 -0.78 0.00	16.20 -0.75 0.00	15.78 -0.76 0.00	14.91 -0.84 -0.14	14.68 -0.82 -0.17	18.41 -0.99 -0.14	22.04 -0.93 0.01	19.49 -0.91 0.00	21.69 -0.75 0.00	22.19 -0.96 0.00	19.61 -1.03 0.01	18.88 -0.68 0.00	17.85 -0.86 0.00	18.11 -0.88 0.00	19.31 -0.86 0.00	20.23 -0.99 0.00	20.34 -1.37 0.00	20.32 -1.25 0.00	23.24 -1.33 0.00	21.20 -1.04 -2.42	22.48 -1.14 -2.13	28.54 -1.30 0.00	24.41 -1.23 0.00	13.55 -0.56 -1.22
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.00 0.93 0.00	17.85 0.89 0.00	17.39 0.85 0.00	17.36 0.85 -0.89	17.20 0.80 -1.08	21.11 0.95 -0.90	24.18 1.20 0.00	21.52 1.12 0.00	23.68 1.25 0.00	24.38 1.23 0.00	21.87 1.22 0.00	20.69 1.13 0.00	19.85 1.13 0.00	20.09 1.09 0.00	21.37 1.20 0.00	22.52 1.30 0.00	23.14 1.44 0.00	22.94 1.37 0.00	26.02 1.45 0.00	35.06 1.13 -14.11	35.15 1.24 -12.42	31.45 1.61 0.00	27.06 1.42 0.00	20.77 0.75 -7.13

MILLWOOD_13_KV_LOAD 356217	18.04 0.97 0.00	17.88 0.93 0.00	17.42 0.89 0.00	17.38 0.88 -0.89	17.23 0.83 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.57 1.17 0.00	23.73 1.30 0.00	24.44 1.29 0.00	21.92 1.27 0.00	20.74 1.18 0.00	19.88 1.17 0.00	20.13 1.13 0.00	21.41 1.24 0.00	22.58 1.35 0.00	23.19 1.49 0.00	23.00 1.43 0.00	26.09 1.51 0.00	35.11 1.19 -14.11	35.21 1.29 -12.42	31.53 1.69 0.00	27.12 1.48 0.00	20.79 0.77 -7.13
MODEL_CITY_ENERGY 24167	15.84 -1.23 0.00	15.78 -1.18 0.00	15.38 -1.16 0.00	14.54 -1.21 -0.15	14.30 -1.20 -0.18	17.89 -1.52 -0.15	21.39 -1.58 0.00	18.94 -1.46 0.00	21.11 -1.32 0.00	21.69 -1.46 0.00	19.20 -1.44 0.01	18.49 -1.08 0.00	17.50 -1.21 0.00	17.77 -1.23 0.00	18.96 -1.22 0.00	19.87 -1.35 0.00	19.96 -1.74 0.00	19.90 -1.67 0.00	22.68 -1.89 0.00	20.69 -1.57 -2.45	21.92 -1.73 -2.15	27.71 -2.13 0.00	23.74 -1.90 0.00	13.26 -0.87 -1.24
MODERN_LFGE_ 323580	15.84 -1.23 0.00	15.78 -1.18 0.00	15.38 -1.16 0.00	14.54 -1.21 -0.15	14.30 -1.20 -0.18	17.89 -1.52 -0.15	21.39 -1.58 0.00	18.94 -1.46 0.00	21.11 -1.32 0.00	21.69 -1.46 0.00	19.20 -1.44 0.01	18.49 -1.08 0.00	17.50 -1.21 0.00	17.77 -1.23 0.00	18.96 -1.22 0.00	19.87 -1.35 0.00	19.96 -1.74 0.00	19.90 -1.67 0.00	22.68 -1.89 0.00	20.69 -1.57 -2.45	21.92 -1.73 -2.15	27.71 -2.13 0.00	23.74 -1.90 0.00	13.26 -0.87 -1.24
MOHAWK_PAPER___DRP 24187	17.82 0.75 0.00	17.73 0.78 0.00	17.32 0.78 0.00	17.46 0.76 -1.09	17.40 0.75 -1.32	21.30 0.94 -1.10	24.12 1.14 0.00	21.39 0.99 0.00	23.39 0.96 0.00	24.07 0.92 0.00	21.55 0.90 0.00	20.40 0.83 0.00	19.49 0.78 0.00	19.74 0.75 0.00	20.96 0.79 0.00	22.00 0.78 0.00	22.57 0.86 0.00	22.46 0.89 0.00	25.71 1.14 0.00	38.60 0.94 -17.84	38.24 1.05 -15.71	31.24 1.40 0.00	26.72 1.08 0.00	22.50 0.59 -9.02
MOHICAN__35_KV_115KV_LD 80490	17.91 0.84 0.00	17.88 0.93 0.00	17.46 0.92 0.00	17.63 0.90 -1.12	17.61 0.94 -1.35	21.58 1.19 -1.13	24.45 1.48 0.00	21.67 1.27 0.00	23.60 1.17 0.00	24.29 1.14 0.00	21.75 1.11 0.00	20.61 1.04 0.00	19.65 0.93 0.00	19.93 0.94 0.00	21.20 1.03 0.00	22.24 1.02 0.00	22.83 1.13 0.00	22.74 1.17 0.00	26.15 1.58 0.00	39.54 1.38 -18.34	39.18 1.54 -16.14	31.87 2.03 0.00	27.11 1.47 0.00	22.93 0.77 -9.27
MONGAUP___HYD 23641	17.99 0.91 0.00	17.83 0.88 0.00	17.37 0.84 0.00	17.25 0.82 -0.81	17.09 0.79 -0.98	21.06 0.98 -0.82	24.19 1.22 0.00	21.43 1.03 0.00	23.55 1.11 0.00	24.13 0.98 0.00	21.53 0.88 0.00	20.35 0.78 0.00	19.49 0.78 0.00	19.73 0.74 0.00	20.85 0.68 0.00	21.88 0.66 0.00	22.52 0.82 0.00	22.27 0.69 0.00	25.41 0.84 0.00	33.47 0.74 -12.92	33.69 0.83 -11.37	31.00 1.16 0.00	26.95 1.31 0.00	20.16 0.74 -6.53
MONTAUK___DIESEL 23721	32.79 2.19 -13.53	21.41 2.11 -2.34	21.27 2.07 -2.67	19.96 2.06 -2.29	21.30 1.94 -4.03	31.75 2.37 -10.12	25.78 2.80 -0.01	22.82 2.43 0.00	25.10 2.67 0.00	25.61 2.46 0.00	22.92 2.27 0.00	21.64 2.07 0.00	20.67 1.96 0.00	20.99 2.00 0.00	22.38 2.21 0.00	24.68 2.47 -0.99	24.74 2.48 -0.56	24.40 2.83 0.00	27.68 3.11 0.00	110.51 2.49 -88.19	170.37 2.92 -145.95	33.64 3.42 -0.38	28.80 3.14 -0.02	24.54 1.68 -9.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.95 -0.12 0.00	16.83 -0.12 0.00	16.33 -0.21 0.00	15.34 -0.43 -0.16	15.08 -0.44 -0.20	18.97 -0.45 -0.16	22.72 -0.27 -0.02	20.20 -0.21 0.00	22.60 0.17 0.00	23.36 0.20 0.00	20.71 0.04 -0.02	19.92 0.35 0.00	18.86 0.15 0.00	19.13 0.13 0.00	20.38 0.21 0.00	21.38 0.16 0.00	21.47 -0.22 0.00	21.37 -0.20 0.00	24.37 -0.21 0.00	22.38 -0.21 -2.77	23.60 -0.33 -2.43	29.63 -0.21 0.00	24.88 -0.76 0.00	13.58 -0.71 -1.40
MORTIMER_115KV_TB3 55949	16.53 -0.54 0.00	16.41 -0.55 0.00	15.99 -0.55 0.00	15.13 -0.59 -0.12	14.89 -0.58 -0.14	18.70 -0.68 -0.12	22.38 -0.59 0.00	19.80 -0.60 0.00	21.86 -0.57 0.00	22.49 -0.66 0.00	19.96 -0.69 0.00	19.09 -0.48 0.00	18.13 -0.58 0.00	18.40 -0.60 0.00	19.60 -0.58 0.00	20.58 -0.64 0.00	20.83 -0.87 0.00	20.76 -0.81 0.00	23.72 -0.85 0.00	21.16 -0.66 -2.00	22.55 -0.71 -1.76	28.92 -0.92 0.00	24.74 -0.89 0.00	13.47 -0.43 -1.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.90 -0.90	17.25 0.84 -1.08	21.16 0.99 -0.90	24.24 1.26 0.00	21.59 1.19 0.00	23.77 1.34 0.00	24.50 1.35 0.00	21.98 1.33 0.00	20.79 1.23 0.00	19.96 1.24 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.27 1.57 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.28 1.29 -12.49	31.53 1.69 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
MUNSVILLE_WIND_PWR 323609	18.38 1.31 0.00	18.24 1.29 0.00	17.78 1.24 0.00	17.02 1.15 -0.27	16.83 1.18 -0.32	21.21 1.68 -0.27	25.19 2.21 0.00	22.09 1.69 0.00	24.09 1.66 0.00	24.47 1.32 0.00	21.73 1.08 0.00	20.60 1.03 0.00	19.63 0.92 0.00	19.86 0.87 0.00	21.09 0.92 0.00	22.13 0.91 0.00	22.71 1.01 0.00	22.77 1.20 0.00	26.31 1.74 0.00	25.85 1.55 -4.48	27.16 1.72 -3.95	32.10 2.26 0.00	27.09 1.46 0.00	15.73 0.57 -2.26
N SALMON___HYD 24042	17.23 0.16 0.00	17.11 0.16 0.00	16.63 0.10 0.00	15.66 0.06 0.00	15.39 0.07 0.00	19.37 0.11 0.00	23.24 0.26 0.00	20.81 0.41 0.00	22.90 0.46 0.00	23.56 0.41 0.00	20.65 0.00 0.00	19.49 -0.08 0.00	18.69 -0.03 0.00	19.05 0.06 0.00	20.14 -0.03 0.00	21.20 -0.02 0.00	21.67 -0.03 0.00	21.52 -0.05 0.00	24.66 0.08 0.00	19.94 0.12 0.00	21.68 0.19 0.00	30.20 0.35 0.00	25.95 0.31 0.00	13.01 0.12 0.00
N.AKRON__115KV_KNAPP 355671	16.29 -0.78 0.00	16.20 -0.75 0.00	15.79 -0.75 0.00	14.92 -0.83 -0.14	14.68 -0.82 -0.17	18.42 -0.99 -0.14	22.04 -0.94 0.01	19.48 -0.92 0.00	21.69 -0.74 0.00	22.22 -0.93 0.00	19.63 -1.01 0.01	18.94 -0.63 0.00	17.89 -0.82 0.00	18.15 -0.84 0.00	19.34 -0.83 0.00	20.28 -0.94 0.00	20.39 -1.31 0.00	20.37 -1.20 0.00	23.27 -1.30 0.00	21.23 -1.00 -2.41	22.49 -1.12 -2.13	28.54 -1.30 0.00	24.42 -1.22 0.00	13.55 -0.56 -1.22
N.BELMOR_69_KV_BK1 55787	22.19 1.34 -3.77	18.21 1.26 0.00	17.75 1.21 0.00	17.88 1.22 -1.05	17.53 1.12 -1.08	21.49 1.32 -0.90	24.54 1.56 0.00	21.69 1.29 0.00	24.03 1.60 0.00	24.70 1.55 0.00	22.20 1.55 0.00	20.99 1.43 0.00	20.11 1.39 0.00	20.41 1.42 0.00	21.74 1.57 0.00	23.94 1.73 -0.99	24.05 1.80 -0.56	23.37 1.80 0.00	26.44 1.87 0.00	95.31 1.46 -74.03	150.99 1.66 -127.83	31.86 2.02 0.00	27.54 1.91 0.00	23.92 1.06 -9.97
N.E._GEN_SANDY PD 24062	17.74 0.66 0.00	17.65 0.70 0.00	17.23 0.70 0.00	17.31 0.69 -1.01	17.22 0.68 -1.22	21.09 0.81 -1.02	23.94 0.96 0.00	21.24 0.84 0.00	23.21 0.79 0.00	23.91 0.76 0.00	21.45 0.80 0.00	20.30 0.72 0.00	19.42 0.70 0.00	19.68 0.69 0.00	20.88 0.71 0.00	21.90 0.68 0.00	22.45 0.75 0.00	22.30 0.73 0.00	24.84 0.90 0.64	38.76 0.83 -18.11	36.73 0.91 -14.32	31.20 1.20 -0.15	25.75 0.92 0.81	21.67 0.55 -8.22

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.01 0.94 0.00	17.85 0.89 0.00	17.40 0.86 0.00	17.33 0.85 -0.87	17.16 0.80 -1.05	21.09 0.95 -0.88	24.19 1.21 0.00	21.53 1.13 0.00	23.70 1.26 0.00	24.40 1.25 0.00	21.88 1.23 0.00	20.71 1.14 0.00	19.86 1.14 0.00	20.09 1.09 0.00	21.37 1.21 0.00	22.54 1.32 0.00	23.17 1.47 0.00	22.97 1.40 0.00	26.05 1.48 0.00	34.65 1.16 -13.67	34.78 1.26 -12.03	31.49 1.65 0.00	27.08 1.45 0.00	20.55 0.75 -6.91
N.QUEENS_27_KV_LOAD 356247	18.09 1.02 0.00	17.92 0.97 0.00	17.49 0.95 0.00	17.44 0.94 -0.90	17.27 0.86 -1.08	21.18 1.02 -0.90	24.31 1.34 0.00	21.66 1.26 0.00	23.84 1.41 0.00	24.59 1.44 0.00	22.05 1.41 0.00	20.83 1.26 0.00	20.02 1.30 0.00	20.26 1.26 0.00	21.56 1.39 0.00	22.74 1.52 0.00	23.35 1.65 0.00	23.13 1.56 0.00	26.18 1.60 0.00	35.24 1.23 -14.19	35.31 1.33 -12.49	31.58 1.74 0.00	27.18 1.55 0.00	20.89 0.82 -7.17
N.TROY___115KV_TB1 355778	17.71 0.64 0.00	17.64 0.68 0.00	17.23 0.69 0.00	17.38 0.68 -1.10	17.33 0.68 -1.33	21.21 0.83 -1.11	23.98 1.01 0.00	21.26 0.86 0.00	23.21 0.78 0.00	23.92 0.76 0.00	21.43 0.78 0.00	20.28 0.71 0.00	19.38 0.66 0.00	19.64 0.65 0.00	20.84 0.67 0.00	21.83 0.61 0.00	22.39 0.69 0.00	22.27 0.70 0.00	25.51 0.94 0.00	38.63 0.88 -17.93	38.24 0.97 -15.78	31.13 1.29 0.00	26.60 0.96 0.00	22.50 0.55 -9.06
NARROWS_GT1_1 24228	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT1_2 24229	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT1_3 24230	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT1_4 24231	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT1_5 24232	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT1_6 24233	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT1_7 24234	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT1_8 24235	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT2_1 24236	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT2_2 24237	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT2_3 24238	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT2_4 24239	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17

NARROWS_GT2_5 24240	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT2_6 24241	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT2_7 24242	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NARROWS_GT2_8 24243	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.00 0.93 0.00	17.92 0.97 0.00	17.51 0.97 0.00	17.56 0.93 -1.02	17.50 0.94 -1.23	21.51 1.22 -1.03	24.49 1.51 0.00	21.69 1.29 0.00	23.58 1.15 0.00	24.17 1.02 0.00	21.59 0.94 0.00	20.42 0.86 0.00	19.48 0.77 0.00	19.73 0.74 0.00	20.97 0.80 0.00	21.99 0.77 0.00	22.54 0.84 0.00	22.52 0.95 0.00	25.90 1.32 0.00	37.61 1.21 -16.58	37.43 1.34 -14.60	31.70 1.86 0.00	27.04 1.40 0.00	22.00 0.73 -8.38
NCHELSEA_115KV_TR2 355582	18.11 1.04 0.00	17.95 1.00 0.00	17.49 0.95 0.00	17.44 0.94 -0.89	17.30 0.89 -1.08	21.25 1.09 -0.90	24.36 1.38 0.00	21.67 1.27 0.00	23.81 1.37 0.00	24.48 1.33 0.00	21.94 1.29 0.00	20.75 1.19 0.00	19.90 1.18 0.00	20.13 1.14 0.00	21.41 1.25 0.00	22.58 1.36 0.00	23.19 1.49 0.00	23.04 1.47 0.00	26.17 1.60 0.00	35.25 1.27 -14.16	35.35 1.39 -12.46	31.67 1.83 0.00	27.21 1.57 0.00	20.86 0.82 -7.16
NEG CAPITAL___MECHNVIL 23645	17.89 0.82 0.00	17.82 0.87 0.00	17.40 0.86 0.00	17.56 0.84 -1.11	17.52 0.85 -1.35	21.46 1.07 -1.12	24.30 1.33 0.00	21.54 1.14 0.00	23.50 1.07 0.00	24.19 1.04 0.00	21.65 1.00 0.00	20.50 0.93 0.00	19.58 0.86 0.00	19.85 0.85 0.00	21.08 0.90 0.00	22.12 0.90 0.00	22.70 1.00 0.00	22.61 1.04 0.00	25.92 1.35 0.00	39.21 1.19 -18.20	38.82 1.31 -16.02	31.57 1.73 0.00	26.95 1.32 0.00	22.78 0.69 -9.20
NEG CENTRAL_HIGH_ACRES 23767	16.40 -0.68 0.00	16.27 -0.68 0.00	15.86 -0.68 0.00	15.02 -0.70 -0.12	14.79 -0.68 -0.14	18.58 -0.79 -0.12	22.23 -0.75 0.00	19.67 -0.73 0.00	21.69 -0.74 0.00	22.30 -0.86 0.00	19.81 -0.84 0.00	18.89 -0.68 0.00	17.96 -0.75 0.00	18.22 -0.78 0.00	19.40 -0.77 0.00	20.37 -0.85 0.00	20.66 -1.04 0.00	20.59 -0.98 0.00	23.55 -1.03 0.00	20.98 -0.80 -1.97	22.37 -0.85 -1.73	28.68 -1.17 0.00	24.52 -1.11 0.00	13.34 -0.55 -0.99
NEG CENTRAL___DRP 24199	17.06 -0.01 0.00	16.91 -0.04 0.00	16.48 -0.06 0.00	15.63 -0.10 -0.12	15.39 -0.08 -0.15	19.35 -0.04 -0.13	23.09 0.11 0.00	20.40 0.00 0.00	22.46 0.02 0.00	23.08 -0.07 0.00	20.57 -0.08 0.00	19.59 0.02 0.00	18.64 -0.07 0.00	18.89 -0.10 0.00	20.11 -0.06 0.00	21.11 -0.12 0.00	21.54 -0.17 0.00	21.43 -0.14 0.00	24.55 -0.02 0.00	21.94 0.01 -2.11	23.35 -0.01 -1.86	29.75 -0.09 0.00	25.46 -0.17 0.00	13.84 -0.12 -1.07
NEG CENTRAL___INDECK 23768	17.60 0.53 0.00	17.44 0.49 0.00	16.98 0.45 0.00	16.05 0.29 -0.15	15.81 0.31 -0.18	19.86 0.45 -0.15	23.77 0.79 0.00	20.79 0.39 0.00	22.77 0.34 0.00	23.47 0.32 0.00	20.86 0.22 0.00	19.92 0.35 0.00	18.93 0.22 0.00	19.15 0.16 0.00	20.38 0.20 0.00	21.36 0.14 0.00	21.62 -0.08 0.00	21.57 0.00 0.00	24.64 0.06 0.00	22.51 0.17 -2.52	24.09 0.38 -2.22	30.21 0.36 0.00	25.64 0.00 0.00	14.10 -0.07 -1.27
NEG CENTRAL___SENECA 23627	17.19 0.12 0.00	17.03 0.08 0.00	16.60 0.06 0.00	15.73 -0.01 -0.14	15.50 0.02 -0.16	19.50 0.10 -0.14	23.25 0.28 0.00	20.49 0.09 0.00	22.61 0.18 0.00	23.23 0.08 0.00	20.70 0.05 0.00	19.73 0.16 0.00	18.77 0.06 0.00	19.01 0.01 0.00	20.24 0.07 0.00	21.23 0.01 0.00	21.63 -0.07 0.00	21.54 -0.03 0.00	24.69 0.12 0.00	22.23 0.12 -2.30	23.59 0.08 -2.02	29.87 0.03 0.00	25.55 -0.08 0.00	13.97 -0.08 -1.16
NEG CENTRAL___STATE_STREET 24147	17.09 0.01 0.00	16.95 -0.01 0.00	16.51 -0.03 0.00	15.68 -0.05 -0.12	15.44 -0.03 -0.15	19.41 0.02 -0.12	23.14 0.17 0.00	20.59 0.19 0.00	22.49 0.06 0.00	23.12 -0.03 0.00	20.61 -0.04 0.00	19.62 0.05 0.00	18.66 -0.05 0.00	18.97 -0.03 0.00	20.20 0.02 0.00	21.14 -0.08 0.00	21.67 -0.03 0.00	21.55 -0.02 0.00	24.65 0.08 0.00	22.01 0.10 -2.09	23.54 0.21 -1.83	29.89 0.04 0.00	25.67 0.03 0.00	13.93 -0.02 -1.05
NEG MILLWOOD___DRP 24198	18.14 1.06 0.00	17.98 1.02 0.00	17.51 0.98 0.00	17.48 0.96 -0.90	17.33 0.92 -1.09	21.29 1.11 -0.91	24.41 1.43 0.00	21.73 1.33 0.00	23.88 1.44 0.00	24.57 1.42 0.00	22.02 1.37 0.00	20.83 1.27 0.00	19.96 1.24 0.00	20.21 1.21 0.00	21.49 1.32 0.00	22.65 1.43 0.00	23.26 1.56 0.00	23.11 1.54 0.00	26.24 1.67 0.00	35.46 1.32 -14.33	35.54 1.44 -12.61	31.75 1.90 0.00	27.28 1.64 0.00	20.98 0.85 -7.24
NEG NORTH_FLCN_SEA 23793	17.17 0.09 0.00	17.10 0.15 0.00	16.58 0.04 0.00	15.61 0.01 0.00	15.35 0.03 0.00	19.30 0.04 0.00	23.15 0.17 0.00	20.86 0.45 0.00	22.92 0.49 0.00	23.54 0.39 0.00	20.62 -0.03 0.00	19.44 -0.13 0.00	18.66 -0.06 0.00	19.06 0.06 0.00	20.23 0.06 0.00	21.32 0.10 0.00	21.86 0.15 0.00	21.74 0.17 0.00	24.98 0.40 0.00	20.18 0.37 0.00	21.96 0.47 0.00	30.47 0.63 0.00	26.06 0.42 0.00	13.10 0.21 0.00
NEG NORTH_KES_CHATEGAY 23792	17.07 0.00 0.00	16.97 0.02 0.00	16.46 -0.08 0.00	15.49 -0.12 0.00	15.23 -0.09 0.00	19.15 -0.12 0.00	22.95 -0.03 0.00	20.62 0.22 0.00	22.69 0.26 0.00	23.33 0.18 0.00	20.41 -0.24 0.00	19.27 -0.30 0.00	18.52 -0.20 0.00	18.92 -0.08 0.00	20.06 -0.11 0.00	21.16 -0.06 0.00	21.65 -0.05 0.00	21.53 -0.04 0.00	24.68 0.11 0.00	19.94 0.12 0.00	21.68 0.19 0.00	30.14 0.30 0.00	25.84 0.20 0.00	12.98 0.09 0.00

NEG NORTH___ALICE_FALLS 23915	17.20 0.13 0.00	17.12 0.17 0.00	16.59 0.06 0.00	15.63 0.02 0.00	15.37 0.05 0.00	19.33 0.06 0.00	23.20 0.22 0.00	20.84 0.44 0.00	22.89 0.46 0.00	23.50 0.35 0.00	20.57 -0.08 0.00	19.38 -0.18 0.00	18.61 -0.11 0.00	18.99 0.00 0.00	20.16 -0.01 0.00	21.25 0.03 0.00	21.78 0.07 0.00	21.67 0.10 0.00	24.91 0.34 0.00	20.16 0.34 0.00	21.94 0.44 0.00	30.46 0.61 0.00	26.04 0.41 0.00	13.08 0.19 0.00
NEG NORTH___LWR_SARANAC 23913	17.20 0.13 0.00	17.12 0.17 0.00	16.59 0.06 0.00	15.63 0.02 0.00	15.37 0.05 0.00	19.33 0.06 0.00	23.20 0.22 0.00	20.84 0.44 0.00	22.89 0.46 0.00	23.50 0.35 0.00	20.57 -0.08 0.00	19.38 -0.18 0.00	18.61 -0.11 0.00	18.99 0.00 0.00	20.16 -0.01 0.00	21.25 0.03 0.00	21.78 0.07 0.00	21.67 0.10 0.00	24.91 0.34 0.00	20.16 0.34 0.00	21.94 0.44 0.00	30.46 0.61 0.00	26.04 0.41 0.00	13.08 0.19 0.00
NEG NORTH___PLATTSBURG 23628	17.20 0.13 0.00	17.12 0.17 0.00	16.59 0.06 0.00	15.63 0.02 0.00	15.36 0.05 0.00	19.33 0.06 0.00	23.20 0.22 0.00	20.84 0.43 0.00	22.89 0.46 0.00	23.50 0.35 0.00	20.57 -0.08 0.00	19.38 -0.18 0.00	18.61 -0.11 0.00	18.99 0.00 0.00	20.16 -0.01 0.00	21.25 0.03 0.00	21.78 0.08 0.00	21.68 0.11 0.00	24.91 0.34 0.00	20.16 0.34 0.00	21.94 0.44 0.00	30.45 0.61 0.00	26.05 0.41 0.00	13.08 0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	16.04 -1.03 0.00	15.95 -1.01 0.00	15.54 -0.99 0.00	14.69 -1.06 -0.14	14.44 -1.06 -0.17	18.10 -1.31 -0.15	21.63 -1.34 0.00	19.15 -1.26 0.00	21.33 -1.10 0.00	21.93 -1.22 0.00	19.38 -1.25 0.01	18.69 -0.88 0.00	17.70 -1.02 0.00	17.96 -1.04 0.00	19.16 -1.01 0.00	20.10 -1.12 0.00	20.18 -1.52 0.00	20.12 -1.45 0.00	22.94 -1.63 0.00	20.92 -1.33 -2.44	22.14 -1.50 -2.14	28.02 -1.83 0.00	24.00 -1.64 0.00	13.37 -0.76 -1.23
NEG WEST___LANCASTR 23811	16.71 -0.36 0.00	16.59 -0.36 0.00	16.15 -0.39 0.00	15.25 -0.52 -0.17	15.02 -0.51 -0.20	18.83 -0.59 -0.17	22.46 -0.54 -0.02	19.86 -0.54 0.00	22.08 -0.35 0.00	22.72 -0.43 0.00	20.13 -0.54 -0.02	19.41 -0.17 0.00	18.42 -0.29 0.00	18.68 -0.31 0.00	19.95 -0.22 0.00	20.94 -0.28 0.00	21.09 -0.62 0.00	20.97 -0.60 0.00	23.88 -0.69 0.00	21.97 -0.65 -2.80	23.16 -0.80 -2.46	29.02 -0.83 0.00	24.87 -0.77 0.00	13.91 -0.40 -1.41
NEG_PENN_ALLEGHNY 23528	17.29 0.22 0.00	17.15 0.20 0.00	16.70 0.17 0.00	16.01 0.12 -0.28	15.79 0.13 -0.34	19.75 0.20 -0.28	23.31 0.33 0.00	20.65 0.24 0.00	22.74 0.31 0.00	23.41 0.26 0.00	20.91 0.26 0.00	19.89 0.32 0.00	18.98 0.26 0.00	19.23 0.24 0.00	20.47 0.31 0.00	21.52 0.30 0.00	21.98 0.28 0.00	21.85 0.28 0.00	24.93 0.36 0.00	24.82 0.25 -4.75	25.91 0.24 -4.18	30.18 0.34 0.00	25.89 0.25 0.00	15.39 0.10 -2.40
NEG___GEN_MONROE 24207	16.66 -0.41 0.00	16.53 -0.42 0.00	16.11 -0.42 0.00	15.25 -0.47 -0.12	15.00 -0.46 -0.14	18.86 -0.52 -0.12	22.59 -0.39 0.00	19.93 -0.47 0.00	22.03 -0.40 0.00	22.67 -0.48 0.00	20.07 -0.57 0.00	19.20 -0.37 0.00	18.23 -0.48 0.00	18.48 -0.52 0.00	19.69 -0.49 0.00	20.67 -0.55 0.00	20.92 -0.79 0.00	20.85 -0.72 0.00	23.86 -0.72 0.00	21.31 -0.51 -2.00	22.71 -0.55 -1.76	29.18 -0.66 0.00	24.95 -0.69 0.00	13.57 -0.34 -1.01
NEPA___ENERGY 23901	16.86 -0.21 0.00	16.73 -0.22 0.00	16.29 -0.25 0.00	15.45 -0.35 -0.19	15.23 -0.33 -0.23	19.08 -0.38 -0.20	22.64 -0.34 0.00	19.99 -0.41 0.00	22.16 -0.27 0.00	22.87 -0.29 0.00	20.39 -0.26 -0.01	19.58 0.01 0.00	18.60 -0.11 0.00	18.85 -0.14 0.00	20.15 -0.02 0.00	21.15 -0.07 0.00	21.39 -0.31 0.00	21.22 -0.35 0.00	24.14 -0.44 0.00	22.64 -0.45 -3.27	23.80 -0.56 -2.88	29.20 -0.64 0.00	25.12 -0.51 0.00	14.27 -0.27 -1.65
NEVERSINK___HYD 23608	18.40 1.33 0.00	18.27 1.32 0.00	17.68 1.15 0.00	17.47 1.10 -0.76	17.31 1.07 -0.92	21.38 1.35 -0.77	24.68 1.70 0.00	21.78 1.38 0.00	24.21 1.78 0.00	24.84 1.69 0.00	22.05 1.40 0.00	20.86 1.29 0.00	20.16 1.44 0.00	20.22 1.22 0.00	20.89 0.72 0.00	22.24 1.02 0.00	22.67 0.96 0.00	22.69 1.12 0.00	25.86 1.29 0.00	33.51 1.09 -12.61	34.33 1.74 -11.10	32.20 2.36 0.00	27.51 1.87 0.00	20.29 1.03 -6.37
NEWKRMKL_115KV_TB1 55635	17.74 0.67 0.00	17.66 0.71 0.00	17.25 0.71 0.00	17.39 0.70 -1.09	17.32 0.68 -1.31	21.20 0.84 -1.10	23.98 1.00 0.00	21.27 0.87 0.00	23.27 0.84 0.00	23.98 0.83 0.00	21.49 0.84 0.00	20.34 0.77 0.00	19.45 0.73 0.00	19.70 0.71 0.00	20.91 0.74 0.00	21.95 0.72 0.00	22.50 0.80 0.00	22.37 0.80 0.00	25.56 0.99 0.00	38.40 0.85 -17.73	38.02 0.92 -15.61	31.08 1.23 0.00	26.61 0.97 0.00	22.39 0.54 -8.96
NEWTON___FALLS_HYD 23847	17.13 0.06 0.00	16.96 0.01 0.00	16.57 0.04 0.00	15.64 0.00 -0.03	15.41 0.05 -0.03	19.42 0.13 -0.03	23.20 0.23 0.00	20.55 0.14 0.00	22.54 0.10 0.00	23.14 -0.02 0.00	20.42 -0.23 0.00	19.30 -0.27 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.69 -0.48 0.00	20.66 -0.56 0.00	21.10 -0.61 0.00	20.93 -0.64 0.00	23.99 -0.59 0.00	19.99 -0.31 -0.48	21.75 -0.17 -0.42	29.79 -0.06 0.00	25.58 -0.06 0.00	12.88 -0.25 -0.24
NGRID_A1_DSASP 323792	15.66 -1.41 0.00	15.54 -1.41 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.09 -1.41 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.82 -1.61 0.00	21.42 -1.73 0.00	18.96 -1.67 0.02	18.26 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.73 -1.45 0.00	19.64 -1.58 0.00	19.71 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.47 -1.81 -2.47	21.68 -1.98 -2.17	27.31 -2.54 0.00	23.42 -2.22 0.00	13.17 -0.97 -1.25
NGRID_A2_DSASP 323793	15.66 -1.41 0.00	15.54 -1.41 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.09 -1.41 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.82 -1.61 0.00	21.42 -1.73 0.00	18.96 -1.67 0.02	18.26 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.73 -1.45 0.00	19.64 -1.58 0.00	19.71 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.47 -1.81 -2.47	21.68 -1.98 -2.17	27.31 -2.54 0.00	23.42 -2.22 0.00	13.17 -0.97 -1.25
NGRID_A4_DSASP 323807	15.66 -1.41 0.00	15.53 -1.42 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.08 -1.42 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.81 -1.63 0.00	21.42 -1.73 0.00	18.94 -1.69 0.02	18.25 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.72 -1.45 0.00	19.64 -1.58 0.00	19.72 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.49 -1.80 -2.47	21.67 -1.99 -2.17	27.30 -2.55 0.00	23.42 -2.22 0.00	13.16 -0.98 -1.25
NIAGARA_115E_LBMP 323715	15.73 -1.34 0.00	15.68 -1.27 0.00	15.28 -1.26 0.00	14.45 -1.30 -0.15	14.21 -1.29 -0.18	17.78 -1.63 -0.15	21.25 -1.72 0.00	18.81 -1.59 0.00	20.98 -1.45 0.00	21.57 -1.59 0.00	19.09 -1.55 0.01	18.38 -1.19 0.00	17.40 -1.31 0.00	17.66 -1.33 0.00	18.85 -1.32 0.00	19.77 -1.45 0.00	19.85 -1.86 0.00	19.79 -1.78 0.00	22.54 -2.04 0.00	20.59 -1.69 -2.46	21.79 -1.87 -2.17	27.53 -2.31 0.00	23.60 -2.04 0.00	13.20 -0.94 -1.24

NIAGARA_115W_LBMP 323714	15.63 -1.44 0.00	15.51 -1.45 0.00	15.12 -1.42 0.00	14.31 -1.45 -0.15	14.06 -1.44 -0.18	17.58 -1.83 -0.15	21.03 -1.93 0.02	18.62 -1.78 0.00	20.77 -1.67 0.00	21.37 -1.78 0.00	18.92 -1.71 0.02	18.21 -1.35 0.00	17.25 -1.47 0.00	17.50 -1.49 0.00	18.68 -1.49 0.00	19.59 -1.63 0.00	19.67 -2.04 0.00	19.60 -1.97 0.00	22.32 -2.25 0.00	20.42 -1.86 -2.46	21.62 -2.04 -2.17	27.24 -2.61 0.00	23.36 -2.27 0.00	13.14 -0.99 -1.24
NIAGARA_230_LBMP 323716	15.91 -1.16 0.00	15.80 -1.15 0.00	15.40 -1.14 0.00	14.56 -1.20 -0.14	14.31 -1.18 -0.17	17.91 -1.50 -0.15	21.42 -1.56 0.00	18.93 -1.46 0.00	21.10 -1.33 0.00	21.71 -1.45 0.00	19.22 -1.42 0.01	18.50 -1.07 0.00	17.52 -1.19 0.00	17.79 -1.21 0.00	18.99 -1.19 0.00	19.91 -1.31 0.00	19.99 -1.71 0.00	19.92 -1.65 0.00	22.70 -1.87 0.00	20.71 -1.54 -2.43	21.94 -1.69 -2.14	27.71 -2.13 0.00	23.74 -1.89 0.00	13.27 -0.85 -1.23
NIAGARA__115KV_198_GIBSON 55903	15.62 -1.45 0.00	15.49 -1.46 0.00	15.12 -1.42 0.00	14.30 -1.45 -0.15	14.05 -1.45 -0.18	17.58 -1.83 -0.15	21.03 -1.93 0.02	18.62 -1.78 0.00	20.75 -1.68 0.00	21.37 -1.78 0.00	18.90 -1.73 0.02	18.21 -1.35 0.00	17.25 -1.47 0.00	17.50 -1.50 0.00	18.67 -1.50 0.00	19.59 -1.63 0.00	19.67 -2.03 0.00	19.60 -1.97 0.00	22.32 -2.25 0.00	20.44 -1.84 -2.46	21.62 -2.04 -2.17	27.23 -2.62 0.00	23.37 -2.27 0.00	13.13 -1.00 -1.24
NIAGARA____ 23760	15.80 -1.28 0.00	15.70 -1.25 0.00	15.30 -1.23 0.00	14.47 -1.28 -0.15	14.23 -1.27 -0.17	17.80 -1.61 -0.15	21.30 -1.68 0.00	18.84 -1.56 0.00	21.00 -1.44 0.00	21.60 -1.55 0.00	19.13 -1.50 0.01	18.40 -1.17 0.00	17.43 -1.28 0.00	17.69 -1.30 0.00	18.88 -1.29 0.00	19.80 -1.42 0.00	19.89 -1.81 0.00	19.82 -1.75 0.00	22.58 -1.99 0.00	20.60 -1.66 -2.45	21.82 -1.83 -2.15	27.56 -2.29 0.00	23.61 -2.03 0.00	13.21 -0.92 -1.24
NINE_MILE_1 23575	16.45 -0.62 0.00	16.33 -0.62 0.00	15.91 -0.62 0.00	15.07 -0.61 -0.07	14.82 -0.59 -0.09	18.62 -0.71 -0.07	22.21 -0.77 0.00	19.68 -0.72 0.00	21.65 -0.78 0.00	22.30 -0.85 0.00	19.88 -0.77 0.00	18.89 -0.68 0.00	18.03 -0.68 0.00	18.28 -0.71 0.00	19.44 -0.73 0.00	20.43 -0.79 0.00	20.86 -0.84 0.00	20.75 -0.82 0.00	23.69 -0.88 0.00	20.36 -0.70 -1.25	21.84 -0.75 -1.10	28.79 -1.05 0.00	24.67 -0.97 0.00	13.02 -0.50 -0.63
NINE_MILE_2 23744	16.45 -0.62 0.00	16.33 -0.62 0.00	15.92 -0.62 0.00	15.08 -0.61 -0.07	14.82 -0.59 -0.09	18.62 -0.71 -0.07	22.21 -0.77 0.00	19.68 -0.72 0.00	21.65 -0.78 0.00	22.30 -0.85 0.00	19.88 -0.77 0.00	18.89 -0.68 0.00	18.03 -0.68 0.00	18.28 -0.71 0.00	19.44 -0.73 0.00	20.43 -0.79 0.00	20.86 -0.84 0.00	20.75 -0.82 0.00	23.69 -0.88 0.00	20.36 -0.70 -1.25	21.84 -0.75 -1.10	28.79 -1.05 0.00	24.67 -0.97 0.00	13.02 -0.50 -0.63
NM_CAPITAL____DRP 24208	17.70 0.62 0.00	17.62 0.67 0.00	17.22 0.68 0.00	17.36 0.67 -1.08	17.28 0.65 -1.31	21.15 0.79 -1.09	23.92 0.94 0.00	21.22 0.82 0.00	23.21 0.77 0.00	23.91 0.76 0.00	21.44 0.80 0.00	20.30 0.72 0.00	19.40 0.69 0.00	19.65 0.65 0.00	20.86 0.69 0.00	21.87 0.65 0.00	22.43 0.73 0.00	22.29 0.72 0.00	25.48 0.91 0.00	38.28 0.80 -17.65	37.91 0.87 -15.54	31.00 1.15 0.00	26.54 0.90 0.00	22.32 0.51 -8.92
NM_CENTRAL____DRP 24181	16.80 -0.27 0.00	16.67 -0.28 0.00	16.24 -0.29 0.00	15.40 -0.30 -0.09	15.15 -0.28 -0.11	19.03 -0.32 -0.09	22.70 -0.28 0.00	20.10 -0.30 0.00	22.13 -0.30 0.00	22.78 -0.37 0.00	20.32 -0.33 0.00	19.32 -0.25 0.00	18.43 -0.28 0.00	18.69 -0.31 0.00	19.88 -0.29 0.00	20.90 -0.32 0.00	21.33 -0.37 0.00	21.23 -0.35 0.00	24.23 -0.34 0.00	21.10 -0.26 -1.54	22.56 -0.29 -1.35	29.43 -0.41 0.00	25.20 -0.44 0.00	13.42 -0.25 -0.78
NM_FRONTIER____DRP 24179	15.62 -1.45 0.00	15.49 -1.46 0.00	15.12 -1.42 0.00	14.30 -1.45 -0.15	14.05 -1.45 -0.18	17.58 -1.83 -0.15	21.03 -1.93 0.02	18.62 -1.78 0.00	20.75 -1.68 0.00	21.37 -1.78 0.00	18.90 -1.73 0.02	18.21 -1.35 0.00	17.25 -1.47 0.00	17.50 -1.50 0.00	18.67 -1.50 0.00	19.59 -1.63 0.00	19.67 -2.03 0.00	19.60 -1.97 0.00	22.32 -2.25 0.00	20.44 -1.84 -2.46	21.62 -2.04 -2.17	27.23 -2.62 0.00	23.37 -2.27 0.00	13.13 -1.00 -1.24
NM_ST_REGIS____HYD 24053	17.08 0.01 0.00	16.95 0.00 0.00	16.53 0.00 0.00	15.58 -0.03 0.00	15.32 0.00 0.00	19.28 0.02 0.00	23.05 0.07 0.00	20.51 0.10 0.00	22.57 0.14 0.00	23.28 0.13 0.00	20.49 -0.16 0.00	19.34 -0.22 0.00	18.53 -0.19 0.00	18.79 -0.21 0.00	19.74 -0.43 0.00	20.73 -0.49 0.00	21.15 -0.55 0.00	20.92 -0.65 0.00	23.90 -0.67 0.00	19.37 -0.45 0.00	21.08 -0.42 0.00	29.46 -0.39 0.00	25.52 -0.12 0.00	12.77 -0.12 0.00
NORTHPORT____1 23551	22.20 1.36 -3.77	18.17 1.22 0.00	17.73 1.20 0.00	17.90 1.24 -1.05	17.52 1.11 -1.08	21.48 1.31 -0.90	24.52 1.54 0.00	21.58 1.18 0.00	24.00 1.57 0.00	24.64 1.48 0.00	22.16 1.51 0.00	20.95 1.38 0.00	20.04 1.33 0.00	20.38 1.39 0.00	21.68 1.51 0.00	23.90 1.69 -0.99	23.97 1.71 -0.56	23.30 1.72 0.00	26.34 1.77 0.00	100.27 1.45 -79.00	159.88 1.62 -136.76	31.66 1.81 0.00	27.46 1.82 0.00	23.95 1.09 -9.97
NORTHPORT____2 23552	22.20 1.36 -3.77	18.17 1.22 0.00	17.73 1.20 0.00	17.90 1.24 -1.05	17.52 1.11 -1.08	21.48 1.31 -0.90	24.52 1.54 0.00	21.58 1.18 0.00	24.00 1.57 0.00	24.64 1.48 0.00	22.16 1.51 0.00	20.95 1.38 0.00	20.04 1.33 0.00	20.38 1.39 0.00	21.68 1.51 0.00	23.90 1.69 -0.99	23.97 1.71 -0.56	23.30 1.72 0.00	26.34 1.77 0.00	100.27 1.45 -79.00	159.88 1.62 -136.76	31.66 1.81 0.00	27.46 1.82 0.00	23.95 1.09 -9.97
NORTHPORT____3 23553	21.06 1.32 -2.66	17.97 1.28 0.26	17.49 1.25 0.30	17.79 1.27 -0.90	17.23 1.16 -0.75	20.65 1.29 -0.10	24.43 1.45 0.00	21.52 1.12 0.00	23.89 1.46 0.00	24.54 1.38 0.00	22.05 1.40 0.00	20.85 1.28 0.00	19.97 1.25 0.00	20.30 1.30 0.00	21.61 1.44 0.00	23.81 1.60 -0.99	23.91 1.65 -0.56	23.23 1.67 0.00	26.28 1.71 0.00	99.42 1.40 -78.20	159.05 1.59 -135.96	31.58 1.77 0.03	27.36 1.73 0.00	23.87 1.01 -9.97
NORTHPORT____4 23650	21.06 1.32 -2.66	17.97 1.28 0.26	17.49 1.25 0.30	17.79 1.27 -0.90	17.23 1.16 -0.75	20.65 1.29 -0.10	24.43 1.45 0.00	21.52 1.12 0.00	23.89 1.46 0.00	24.54 1.38 0.00	22.05 1.40 0.00	20.85 1.28 0.00	19.97 1.25 0.00	20.30 1.30 0.00	21.61 1.44 0.00	23.81 1.60 -0.99	23.91 1.65 -0.56	23.23 1.67 0.00	26.28 1.71 0.00	99.42 1.40 -78.20	159.05 1.59 -135.96	31.58 1.77 0.03	27.36 1.73 0.00	23.87 1.01 -9.97
NORTHPORT____IC 23718	22.20 1.36 -3.77	18.17 1.22 0.00	17.73 1.20 0.00	17.90 1.24 -1.05	17.52 1.11 -1.08	21.48 1.31 -0.90	24.52 1.54 0.00	21.58 1.18 0.00	24.00 1.57 0.00	24.64 1.48 0.00	22.16 1.51 0.00	20.95 1.38 0.00	20.04 1.33 0.00	20.38 1.39 0.00	21.68 1.51 0.00	23.90 1.69 -0.99	23.97 1.71 -0.56	23.30 1.72 0.00	26.34 1.77 0.00	100.27 1.45 -79.00	159.88 1.62 -136.76	31.66 1.81 0.00	27.46 1.82 0.00	23.95 1.09 -9.97

NORTH__COUNTRY_ESR 323785	17.04 -0.03 0.00	16.94 -0.02 0.00	16.42 -0.11 0.00	15.46 -0.15 0.00	15.20 -0.13 0.00	19.11 -0.15 0.00	22.90 -0.08 0.00	20.57 0.17 0.00	22.65 0.21 0.00	23.30 0.14 0.00	20.38 -0.27 0.00	19.23 -0.34 0.00	18.49 -0.23 0.00	18.89 -0.11 0.00	20.03 -0.14 0.00	21.12 -0.10 0.00	21.61 -0.09 0.00	21.50 -0.07 0.00	24.63 0.06 0.00	19.90 0.09 0.00	21.63 0.14 0.00	30.06 0.21 0.00	25.76 0.13 0.00	12.95 0.06 0.00
NPX_GEN_1385_PROXY 323591	22.17 1.33 -3.77	17.91 0.96 0.00	17.58 1.04 0.00	17.89 1.23 -1.05	17.53 1.12 -1.08	21.50 1.34 -0.90	24.63 1.65 0.00	21.25 0.84 0.00	23.78 1.35 0.00	24.41 1.26 0.00	21.95 1.31 0.00	20.79 1.22 0.00	19.81 1.10 0.00	20.21 1.21 0.00	21.20 1.02 0.00	23.40 1.19 -0.99	23.46 1.20 -0.56	22.90 1.33 0.00	26.10 1.52 0.00	100.17 1.35 -79.00	159.66 1.40 -136.76	31.21 1.36 0.00	27.19 1.55 0.00	23.92 1.07 -9.97
NPX_GEN_CSC 323557	32.24 1.65 -13.51	20.83 1.54 -2.34	20.70 1.50 -2.66	19.41 1.52 -2.28	20.75 1.40 -4.03	31.02 1.66 -10.10	24.92 1.94 -0.01	21.99 1.59 0.00	24.31 1.88 0.00	24.84 1.69 0.00	22.25 1.60 0.00	21.01 1.44 0.00	20.11 1.40 0.00	20.47 1.47 0.00	21.82 1.65 0.00	24.07 1.86 -0.99	24.08 1.82 -0.56	23.67 2.10 0.00	26.81 2.23 0.00	109.85 1.86 -88.17	169.53 2.11 -145.93	32.62 2.40 -0.38	27.96 2.30 -0.02	24.13 1.28 -9.97
NSINS_S_GLNS_FALLS 23858	17.90 0.83 0.00	17.87 0.92 0.00	17.44 0.91 0.00	17.62 0.89 -1.12	17.61 0.93 -1.35	21.58 1.19 -1.13	24.45 1.48 0.00	21.68 1.28 0.00	23.61 1.18 0.00	24.30 1.15 0.00	21.75 1.11 0.00	20.61 1.04 0.00	19.65 0.93 0.00	19.93 0.93 0.00	21.19 1.02 0.00	22.24 1.02 0.00	22.83 1.13 0.00	22.74 1.17 0.00	26.15 1.58 0.00	39.55 1.37 -18.36	39.18 1.53 -16.16	31.86 2.01 0.00	27.10 1.46 0.00	22.93 0.76 -9.28
NUCOR_STEEL__DRP 24197	17.05 -0.02 0.00	16.91 -0.04 0.00	16.48 -0.06 0.00	15.65 -0.08 -0.12	15.41 -0.06 -0.14	19.37 -0.02 -0.12	23.09 0.11 0.00	20.43 0.03 0.00	22.45 0.02 0.00	23.09 -0.07 0.00	20.57 -0.07 0.00	19.59 0.03 0.00	18.64 -0.08 0.00	18.95 -0.05 0.00	20.18 0.01 0.00	21.11 -0.11 0.00	21.65 -0.05 0.00	21.48 -0.09 0.00	24.57 0.00 0.00	21.90 0.07 -2.02	23.39 0.12 -1.78	29.84 0.00 0.00	25.64 0.00 0.00	13.88 -0.03 -1.02
NUMBER_THREE_WT_PWR 323818	17.32 0.25 0.00	17.12 0.17 0.00	16.75 0.21 0.00	15.80 0.15 -0.04	15.60 0.23 -0.05	19.67 0.37 -0.04	23.53 0.55 0.00	20.78 0.37 0.00	22.78 0.35 0.00	23.33 0.18 0.00	20.64 -0.01 0.00	19.53 -0.04 0.00	18.65 -0.06 0.00	18.89 -0.10 0.00	20.01 -0.15 0.00	21.01 -0.21 0.00	21.48 -0.22 0.00	21.40 -0.17 0.00	24.58 0.00 0.00	20.66 0.20 -0.65	22.49 0.42 -0.57	30.53 0.69 0.00	25.89 0.25 0.00	12.98 -0.24 -0.33
NYISO_LBMP_REFERENCE 24008	17.07 0.00 0.00	16.95 0.00 0.00	16.54 0.00 0.00	15.61 0.00 0.00	15.32 0.00 0.00	19.26 0.00 0.00	22.98 0.00 0.00	20.40 0.00 0.00	22.43 0.00 0.00	23.15 0.00 0.00	20.65 0.00 0.00	19.57 0.00 0.00	18.72 0.00 0.00	19.00 0.00 0.00	20.17 0.00 0.00	21.22 0.00 0.00	21.70 0.00 0.00	21.57 0.00 0.00	24.57 0.00 0.00	19.82 0.00 0.00	21.49 0.00 0.00	29.85 0.00 0.00	25.64 0.00 0.00	12.89 0.00 0.00
NYPA_BRENTWD__GT 24164	24.41 1.56 -5.78	18.86 1.43 -0.48	18.48 1.39 -0.55	18.33 1.42 -1.30	18.31 1.30 -1.69	23.64 1.55 -2.82	24.80 1.82 0.00	21.80 1.40 0.00	24.26 1.83 0.00	24.85 1.70 0.00	22.31 1.66 0.00	21.09 1.51 0.00	20.17 1.46 0.00	20.52 1.53 0.00	21.86 1.68 0.00	24.11 1.90 -0.99	24.19 1.93 -0.56	23.58 2.01 0.00	26.68 2.11 0.00	102.48 1.75 -80.91	162.14 1.97 -138.68	32.20 2.27 -0.08	27.81 2.17 0.00	24.09 1.23 -9.97
NYPA_GOWANUS__GT5 24156	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NYPA_GOWANUS__GT6 24157	18.14 1.07 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.83 -1.08	21.16 1.00 -0.90	24.26 1.28 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.36 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.26 -14.19	35.33 1.35 -12.49	31.62 1.77 0.00	27.24 1.60 0.00	20.90 0.84 -7.17
NYPA_HARLEM_RVR_GT1 24160	18.07 0.99 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.43 0.92 -0.90	17.25 0.85 -1.08	21.17 1.00 -0.90	24.29 1.31 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.38 0.00	22.01 1.36 0.00	20.79 1.22 0.00	19.98 1.26 0.00	20.21 1.21 0.00	21.51 1.34 0.00	22.68 1.46 0.00	23.29 1.59 0.00	23.08 1.51 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.67 0.00	27.13 1.49 0.00	20.86 0.80 -7.17
NYPA_HARLEM_RVR_GT2 24161	18.07 0.99 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.43 0.92 -0.90	17.25 0.85 -1.08	21.17 1.00 -0.90	24.29 1.31 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.38 0.00	22.01 1.36 0.00	20.79 1.22 0.00	19.98 1.26 0.00	20.21 1.21 0.00	21.51 1.34 0.00	22.68 1.46 0.00	23.29 1.59 0.00	23.08 1.51 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.67 0.00	27.13 1.49 0.00	20.86 0.80 -7.17
NYPA_KENT__GT 24152	18.12 1.05 0.00	17.91 0.96 0.00	17.46 0.92 0.00	17.42 0.91 -0.90	17.25 0.84 -1.08	21.17 1.00 -0.90	24.27 1.29 0.00	21.63 1.23 0.00	23.82 1.38 0.00	24.57 1.41 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.30 0.00	20.26 1.26 0.00	21.54 1.37 0.00	22.71 1.49 0.00	23.35 1.64 0.00	23.13 1.56 0.00	26.17 1.60 0.00	35.25 1.24 -14.19	35.32 1.33 -12.49	31.59 1.75 0.00	27.22 1.58 0.00	20.89 0.83 -7.17
NYPA_POUCH1__GT 24155	18.11 1.04 0.00	17.81 0.86 0.00	17.34 0.80 0.00	17.31 0.81 -0.90	17.14 0.74 -1.08	21.05 0.89 -0.90	24.12 1.14 0.00	21.47 1.07 0.00	23.63 1.19 0.00	24.45 1.30 0.00	21.94 1.30 0.00	20.74 1.18 0.00	19.94 1.22 0.00	20.16 1.17 0.00	21.46 1.29 0.00	22.63 1.41 0.00	23.26 1.56 0.00	23.05 1.48 0.00	26.08 1.51 0.00	35.20 1.20 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.19 1.55 0.00	20.87 0.81 -7.17
NYPA_VERNON__GT2 24162	18.10 1.02 0.00	17.92 0.97 0.00	17.47 0.93 0.00	17.43 0.93 -0.90	17.26 0.86 -1.08	21.17 1.01 -0.90	24.28 1.30 0.00	21.63 1.23 0.00	23.83 1.40 0.00	24.57 1.42 0.00	22.03 1.38 0.00	20.84 1.27 0.00	20.02 1.30 0.00	20.25 1.25 0.00	21.53 1.36 0.00	22.71 1.49 0.00	23.33 1.63 0.00	23.12 1.55 0.00	26.17 1.59 0.00	35.24 1.23 -14.19	35.31 1.32 -12.49	31.57 1.72 0.00	27.20 1.56 0.00	20.88 0.82 -7.17

NYPA_VERNON____GT3 24163	18.10 1.02 0.00	17.92 0.97 0.00	17.47 0.93 0.00	17.43 0.93 -0.90	17.26 0.86 -1.08	21.17 1.01 -0.90	24.28 1.30 0.00	21.63 1.23 0.00	23.83 1.40 0.00	24.57 1.42 0.00	22.03 1.38 0.00	20.84 1.27 0.00	20.02 1.30 0.00	20.25 1.25 0.00	21.53 1.36 0.00	22.71 1.49 0.00	23.33 1.63 0.00	23.12 1.55 0.00	26.17 1.59 0.00	35.24 1.23 -14.19	35.31 1.32 -12.49	31.57 1.72 0.00	27.20 1.56 0.00	20.88 0.82 -7.17
NYPA____ASTORIA_CC1 323568	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
NYPA____ASTORIA_CC2 323569	18.07 1.00 0.00	17.89 0.94 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.15 0.98 -0.90	24.25 1.27 0.00	21.60 1.20 0.00	23.79 1.36 0.00	24.52 1.37 0.00	21.99 1.35 0.00	20.80 1.24 0.00	19.98 1.27 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.28 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
NYPA____HOLTSVILL 23794	31.95 1.52 -13.36	20.67 1.41 -2.30	20.53 1.38 -2.62	19.28 1.40 -2.27	20.58 1.28 -3.98	30.73 1.51 -9.96	24.75 1.76 -0.01	21.81 1.41 0.00	24.17 1.73 0.00	24.72 1.57 0.00	22.16 1.51 0.00	20.93 1.36 0.00	20.04 1.33 0.00	20.40 1.41 0.00	21.76 1.59 0.00	24.00 1.78 -0.99	24.04 1.79 -0.56	23.49 1.92 0.00	26.58 2.01 0.00	109.50 1.66 -88.03	169.15 1.87 -145.79	32.34 2.12 -0.38	27.72 2.07 -0.02	24.03 1.17 -9.97
NYPA____HELLGATE_GT1 24158	18.07 0.99 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.43 0.92 -0.90	17.25 0.85 -1.08	21.17 1.00 -0.90	24.29 1.31 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.38 0.00	22.01 1.36 0.00	20.79 1.22 0.00	19.98 1.26 0.00	20.21 1.21 0.00	21.51 1.34 0.00	22.68 1.46 0.00	23.29 1.59 0.00	23.08 1.51 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.67 0.00	27.13 1.49 0.00	20.86 0.80 -7.17
NYPA____HELLGATE_GT2 24159	18.07 0.99 0.00	17.90 0.95 0.00	17.47 0.93 0.00	17.43 0.92 -0.90	17.25 0.85 -1.08	21.17 1.00 -0.90	24.29 1.31 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.54 1.38 0.00	22.01 1.36 0.00	20.79 1.22 0.00	19.98 1.26 0.00	20.21 1.21 0.00	21.51 1.34 0.00	22.68 1.46 0.00	23.29 1.59 0.00	23.08 1.51 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.67 0.00	27.13 1.49 0.00	20.86 0.80 -7.17
NYS_BARGE____HYD 23848	16.03 -1.04 0.00	15.95 -1.00 0.00	15.54 -0.99 0.00	14.69 -1.06 -0.14	14.45 -1.04 -0.17	18.10 -1.31 -0.14	21.65 -1.32 0.01	19.16 -1.24 0.00	21.34 -1.09 0.00	21.93 -1.23 0.00	19.40 -1.24 0.01	18.68 -0.88 0.00	17.69 -1.03 0.00	17.95 -1.05 0.00	19.16 -1.02 0.00	20.08 -1.14 0.00	20.17 -1.54 0.00	20.11 -1.46 0.00	22.93 -1.64 0.00	20.89 -1.35 -2.42	22.14 -1.49 -2.13	28.04 -1.80 0.00	24.01 -1.63 0.00	13.36 -0.75 -1.22
OAK ORCHARD____HYD 24046	16.53 -0.54 0.00	16.41 -0.54 0.00	15.99 -0.55 0.00	15.14 -0.59 -0.12	14.90 -0.57 -0.14	18.70 -0.68 -0.12	22.38 -0.59 0.00	19.81 -0.59 0.00	21.87 -0.56 0.00	22.49 -0.66 0.00	19.97 -0.67 0.00	19.09 -0.48 0.00	18.14 -0.58 0.00	18.40 -0.60 0.00	19.60 -0.57 0.00	20.58 -0.64 0.00	20.83 -0.88 0.00	20.76 -0.81 0.00	23.72 -0.85 0.00	21.16 -0.66 -2.00	22.56 -0.70 -1.76	28.92 -0.92 0.00	24.74 -0.90 0.00	13.47 -0.43 -1.01
OAKDALE____35_KV_LOAD 356122	17.23 0.16 0.00	17.09 0.13 0.00	16.65 0.11 0.00	15.95 0.07 -0.28	15.74 0.08 -0.34	19.68 0.13 -0.28	23.21 0.23 0.00	20.55 0.15 0.00	22.64 0.21 0.00	23.32 0.17 0.00	20.83 0.18 0.00	19.82 0.25 0.00	18.91 0.20 0.00	19.17 0.17 0.00	20.41 0.24 0.00	21.46 0.24 0.00	21.91 0.21 0.00	21.78 0.21 0.00	24.84 0.27 0.00	24.71 0.18 -4.71	25.80 0.16 -4.15	30.07 0.22 0.00	25.80 0.17 0.00	15.33 0.06 -2.38
OCC_CHEM____DRP 24175	15.66 -1.41 0.00	15.53 -1.42 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.08 -1.42 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.81 -1.63 0.00	21.42 -1.73 0.00	18.94 -1.69 0.02	18.25 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.72 -1.45 0.00	19.64 -1.58 0.00	19.72 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.49 -1.80 -2.47	21.67 -1.99 -2.17	27.30 -2.55 0.00	23.42 -2.22 0.00	13.16 -0.98 -1.25
OH_GEN_PROXY 24063	15.99 -1.08 0.00	15.89 -1.07 0.00	15.48 -1.06 0.00	14.64 -1.12 -0.14	14.39 -1.11 -0.17	18.02 -1.39 -0.15	21.53 -1.45 0.00	19.04 -1.37 0.00	21.20 -1.24 0.00	21.81 -1.34 0.00	19.33 -1.32 0.00	18.59 -0.98 0.00	17.61 -1.10 0.00	17.87 -1.12 0.00	19.08 -1.09 0.00	20.01 -1.21 0.00	20.11 -1.60 0.00	20.02 -1.55 0.00	22.82 -1.75 0.00	20.81 -1.45 -2.44	22.06 -1.58 -2.15	27.84 -2.00 0.00	23.86 -1.77 0.00	13.32 -0.80 -1.23
OLIN_CORP_DRP 24177	15.76 -1.31 0.00	15.69 -1.26 0.00	15.30 -1.24 0.00	14.47 -1.29 -0.15	14.21 -1.28 -0.18	17.80 -1.61 -0.15	21.27 -1.70 0.00	18.83 -1.57 0.00	20.98 -1.45 0.00	21.58 -1.57 0.00	19.09 -1.56 0.00	18.40 -1.17 0.00	17.42 -1.29 0.00	17.68 -1.32 0.00	18.87 -1.31 0.00	19.79 -1.43 0.00	19.87 -1.83 0.00	19.81 -1.76 0.00	22.58 -1.99 0.00	20.65 -1.64 -2.48	21.84 -1.83 -2.18	27.56 -2.28 0.00	23.63 -2.01 0.00	13.22 -0.93 -1.25
OLIN_CORP_DSASP 323712	15.66 -1.41 0.00	15.54 -1.41 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.09 -1.41 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.82 -1.61 0.00	21.42 -1.73 0.00	18.96 -1.67 0.02	18.26 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.73 -1.45 0.00	19.64 -1.58 0.00	19.71 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.47 -1.81 -2.47	21.68 -1.98 -2.17	27.31 -2.54 0.00	23.42 -2.22 0.00	13.17 -0.97 -1.25
ONEIDA_HERK_LFGE 323681	17.39 0.32 0.00	17.23 0.28 0.00	16.82 0.28 0.00	15.89 0.25 -0.03	15.64 0.28 -0.04	19.71 0.42 -0.04	23.57 0.59 0.00	20.80 0.40 0.00	22.86 0.42 0.00	23.47 0.32 0.00	20.86 0.21 0.00	19.77 0.20 0.00	18.87 0.15 0.00	19.13 0.13 0.00	20.30 0.13 0.00	21.33 0.11 0.00	21.83 0.12 0.00	21.73 0.16 0.00	24.89 0.32 0.00	20.75 0.36 -0.57	22.48 0.48 -0.50	30.57 0.73 0.00	26.06 0.42 0.00	13.22 0.04 -0.29
ONEIDA____115KV_TB4 55905	17.45 0.38 0.00	17.30 0.34 0.00	16.86 0.33 0.00	15.96 0.29 -0.06	15.71 0.31 -0.07	19.77 0.45 -0.06	23.62 0.64 0.00	20.80 0.40 0.00	22.87 0.44 0.00	23.52 0.36 0.00	20.95 0.31 0.00	19.87 0.31 0.00	18.97 0.25 0.00	19.23 0.23 0.00	20.44 0.27 0.00	21.50 0.28 0.00	21.98 0.28 0.00	21.89 0.32 0.00	25.04 0.47 0.00	21.30 0.47 -1.00	22.91 0.53 -0.88	30.60 0.76 0.00	26.15 0.52 0.00	13.57 0.17 -0.51

ONONDAGA_REF_OCCRA 23987	16.93 -0.14 0.00	16.80 -0.16 0.00	16.37 -0.17 0.00	15.53 -0.19 -0.11	15.29 -0.17 -0.13	19.20 -0.17 -0.11	22.89 -0.09 0.00	20.26 -0.14 0.00	22.29 -0.14 0.00	22.93 -0.22 0.00	20.45 -0.20 0.00	19.44 -0.13 0.00	18.55 -0.17 0.00	18.81 -0.19 0.00	20.00 -0.17 0.00	21.03 -0.20 0.00	21.47 -0.23 0.00	21.37 -0.20 0.00	24.40 -0.17 0.00	21.54 -0.11 -1.84	22.98 -0.13 -1.61	29.64 -0.20 0.00	25.38 -0.26 0.00	13.66 -0.16 -0.93
ONONDAGA___COGEN 23986	16.89 -0.19 0.00	16.75 -0.20 0.00	16.33 -0.21 0.00	15.49 -0.22 -0.10	15.24 -0.20 -0.12	19.15 -0.21 -0.10	22.83 -0.15 0.00	20.21 -0.19 0.00	22.24 -0.19 0.00	22.88 -0.27 0.00	20.42 -0.23 0.00	19.42 -0.15 0.00	18.52 -0.20 0.00	18.78 -0.22 0.00	19.98 -0.19 0.00	20.99 -0.23 0.00	21.45 -0.25 0.00	21.33 -0.24 0.00	24.37 -0.21 0.00	21.41 -0.14 -1.74	22.87 -0.15 -1.53	29.59 -0.25 0.00	25.35 -0.29 0.00	13.59 -0.18 -0.88
ONTARIO___LFGE 23819	17.19 0.12 0.00	17.04 0.09 0.00	16.60 0.06 0.00	15.73 -0.01 -0.14	15.51 0.02 -0.16	19.50 0.10 -0.14	23.25 0.28 0.00	20.50 0.10 0.00	22.62 0.19 0.00	23.23 0.08 0.00	20.71 0.06 0.00	19.73 0.16 0.00	18.77 0.06 0.00	19.01 0.01 0.00	20.24 0.07 0.00	21.23 0.01 0.00	21.62 -0.08 0.00	21.54 -0.03 0.00	24.69 0.12 0.00	22.21 0.10 -2.30	23.59 0.08 -2.02	29.87 0.03 0.00	25.55 -0.09 0.00	13.97 -0.08 -1.16
ORANGEVILLE_WT_PWR 323706	16.52 -0.55 0.00	16.41 -0.55 0.00	15.97 -0.56 0.00	15.11 -0.68 -0.17	14.86 -0.67 -0.21	18.61 -0.83 -0.18	22.16 -0.83 -0.01	19.55 -0.85 0.00	21.75 -0.69 0.00	22.46 -0.70 0.00	20.00 -0.66 -0.01	19.22 -0.36 0.00	18.24 -0.48 0.00	18.48 -0.52 0.00	19.72 -0.45 0.00	20.68 -0.54 0.00	20.86 -0.84 0.00	20.75 -0.82 0.00	23.61 -0.96 0.00	21.88 -0.89 -2.95	23.04 -1.05 -2.60	28.52 -1.32 0.00	24.29 -1.35 0.00	13.65 -0.73 -1.49
ORANGEVILLE___ESR 323794	16.52 -0.55 0.00	16.41 -0.55 0.00	15.97 -0.56 0.00	15.11 -0.68 -0.17	14.86 -0.67 -0.21	18.61 -0.83 -0.18	22.16 -0.83 -0.01	19.55 -0.85 0.00	21.75 -0.69 0.00	22.46 -0.70 0.00	20.00 -0.66 -0.01	19.22 -0.36 0.00	18.24 -0.48 0.00	18.48 -0.52 0.00	19.72 -0.45 0.00	20.68 -0.54 0.00	20.86 -0.84 0.00	20.75 -0.82 0.00	23.61 -0.96 0.00	21.88 -0.89 -2.95	23.04 -1.05 -2.60	28.52 -1.32 0.00	24.29 -1.35 0.00	13.65 -0.73 -1.49
OSWEGATCHIE___HYD 24044	17.13 0.06 0.00	16.96 0.01 0.00	16.57 0.04 0.00	15.64 0.01 -0.03	15.41 0.05 -0.03	19.42 0.13 -0.03	23.20 0.22 0.00	20.55 0.15 0.00	22.54 0.10 0.00	23.13 -0.02 0.00	20.42 -0.23 0.00	19.30 -0.27 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.69 -0.48 0.00	20.66 -0.56 0.00	21.10 -0.61 0.00	20.93 -0.64 0.00	23.99 -0.59 0.00	19.98 -0.31 -0.48	21.75 -0.17 -0.42	29.79 -0.06 0.00	25.58 -0.06 0.00	12.88 -0.25 -0.24
OSWEGO___5 23606	16.56 -0.52 0.00	16.43 -0.52 0.00	16.01 -0.52 0.00	15.17 -0.52 -0.08	14.93 -0.50 -0.10	18.75 -0.59 -0.08	22.35 -0.62 0.00	19.80 -0.60 0.00	21.79 -0.64 0.00	22.44 -0.71 0.00	20.00 -0.64 0.00	19.01 -0.56 0.00	18.14 -0.57 0.00	18.40 -0.60 0.00	19.57 -0.61 0.00	20.56 -0.66 0.00	20.99 -0.71 0.00	20.88 -0.69 0.00	23.84 -0.74 0.00	20.65 -0.58 -1.40	22.11 -0.62 -1.24	28.98 -0.87 0.00	24.83 -0.81 0.00	13.17 -0.43 -0.71
OSWEGO___6 23613	16.56 -0.52 0.00	16.43 -0.52 0.00	16.01 -0.52 0.00	15.17 -0.52 -0.08	14.93 -0.50 -0.10	18.75 -0.59 -0.08	22.35 -0.62 0.00	19.80 -0.60 0.00	21.79 -0.64 0.00	22.44 -0.71 0.00	20.00 -0.64 0.00	19.01 -0.56 0.00	18.14 -0.57 0.00	18.40 -0.60 0.00	19.57 -0.61 0.00	20.56 -0.66 0.00	20.99 -0.71 0.00	20.88 -0.69 0.00	23.84 -0.74 0.00	20.65 -0.58 -1.40	22.11 -0.62 -1.24	28.98 -0.87 0.00	24.83 -0.81 0.00	13.17 -0.43 -0.71
OUTOKUMPU-AB___DRP 24206	16.16 -0.92 0.00	16.05 -0.90 0.00	15.64 -0.89 0.00	14.78 -0.97 -0.15	14.54 -0.97 -0.18	18.22 -1.19 -0.15	21.72 -1.23 0.03	19.21 -1.19 0.00	21.42 -1.01 0.00	22.03 -1.12 0.01	19.45 -1.15 0.04	18.79 -0.77 0.01	17.87 -0.85 0.00	18.13 -0.87 0.00	19.35 -0.82 0.00	20.29 -0.93 0.00	20.38 -1.32 0.00	20.32 -1.25 0.00	23.16 -1.41 0.00	21.17 -1.16 -2.51	22.37 -1.33 -2.21	28.26 -1.59 0.00	24.18 -1.46 0.00	13.50 -0.66 -1.27
OXBOW___ 24026	15.93 -1.15 0.00	15.81 -1.14 0.00	15.41 -1.12 0.00	14.57 -1.18 -0.15	14.33 -1.17 -0.18	17.93 -1.48 -0.15	21.43 -1.52 0.03	18.96 -1.44 0.00	21.15 -1.28 0.00	21.75 -1.40 0.00	19.21 -1.40 0.03	18.52 -1.04 0.01	17.61 -1.11 0.00	17.88 -1.12 0.00	19.10 -1.07 0.00	20.02 -1.20 0.00	20.11 -1.60 0.00	20.04 -1.53 0.00	22.84 -1.74 0.00	20.86 -1.44 -2.49	22.09 -1.60 -2.19	27.87 -1.98 0.00	23.86 -1.77 0.00	13.37 -0.78 -1.26
OXY_CHEM_DSASP 323612	15.66 -1.41 0.00	15.53 -1.42 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.08 -1.42 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.81 -1.63 0.00	21.42 -1.73 0.00	18.94 -1.69 0.02	18.25 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.72 -1.45 0.00	19.64 -1.58 0.00	19.72 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.49 -1.80 -2.47	21.67 -1.99 -2.17	27.30 -2.55 0.00	23.42 -2.22 0.00	13.16 -0.98 -1.25
OZONE_PARK_ESR 323760	18.21 1.14 0.00	18.04 1.09 0.00	17.58 1.04 0.00	17.54 1.03 -0.90	17.37 0.97 -1.08	21.31 1.14 -0.90	24.43 1.46 0.00	21.78 1.38 0.00	24.00 1.57 0.00	24.73 1.57 0.00	22.17 1.52 0.00	20.98 1.41 0.00	20.14 1.43 0.00	20.38 1.38 0.00	21.67 1.50 0.00	22.85 1.63 0.00	23.50 1.80 0.00	23.27 1.70 0.00	26.34 1.77 0.00	35.38 1.37 -14.19	35.48 1.49 -12.49	31.82 1.97 0.00	27.41 1.77 0.00	20.97 0.90 -7.17
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.66 -1.41 0.00	15.53 -1.42 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.08 -1.42 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.81 -1.63 0.00	21.42 -1.73 0.00	18.94 -1.69 0.02	18.25 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.72 -1.45 0.00	19.64 -1.58 0.00	19.72 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.49 -1.80 -2.47	21.67 -1.99 -2.17	27.30 -2.55 0.00	23.42 -2.22 0.00	13.16 -0.98 -1.25
PACKARD___115KV_DUPONT_184 80571	15.66 -1.41 0.00	15.53 -1.42 0.00	15.15 -1.38 0.00	14.34 -1.42 -0.15	14.08 -1.42 -0.18	17.62 -1.79 -0.15	21.08 -1.88 0.02	18.66 -1.74 0.00	20.81 -1.63 0.00	21.42 -1.73 0.00	18.94 -1.69 0.02	18.25 -1.31 0.00	17.29 -1.43 0.00	17.54 -1.45 0.00	18.72 -1.45 0.00	19.64 -1.58 0.00	19.72 -1.99 0.00	19.65 -1.92 0.00	22.37 -2.20 0.00	20.49 -1.80 -2.47	21.67 -1.99 -2.17	27.30 -2.55 0.00	23.42 -2.22 0.00	13.16 -0.98 -1.25
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.06 0.99 0.00	17.91 0.96 0.00	17.47 0.93 0.00	17.43 0.92 -0.90	17.26 0.85 -1.08	21.20 1.03 -0.90	24.30 1.32 0.00	21.62 1.22 0.00	23.79 1.36 0.00	24.52 1.37 0.00	22.00 1.35 0.00	20.77 1.20 0.00	19.95 1.23 0.00	20.17 1.17 0.00	21.46 1.29 0.00	22.64 1.42 0.00	23.24 1.54 0.00	23.03 1.45 0.00	26.08 1.51 0.00	35.18 1.17 -14.19	35.25 1.27 -12.49	31.50 1.66 0.00	27.11 1.48 0.00	20.85 0.78 -7.17

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.07 1.00 0.00	17.92 0.97 0.00	17.50 0.96 0.00	17.45 0.95 -0.90	17.27 0.87 -1.08	21.24 1.08 -0.90	24.34 1.37 0.00	21.58 1.18 0.00	23.84 1.41 0.00	24.52 1.37 0.00	22.03 1.39 0.00	20.78 1.22 0.00	19.95 1.24 0.00	20.20 1.20 0.00	21.50 1.33 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.05 1.48 0.00	26.14 1.57 0.00	35.18 1.17 -14.19	35.23 1.24 -12.49	31.51 1.66 0.00	27.11 1.48 0.00	20.85 0.78 -7.17
PATROON__115KV_TB1 80586	17.76 0.69 0.00	17.68 0.73 0.00	17.26 0.73 0.00	17.41 0.71 -1.09	17.34 0.70 -1.32	21.22 0.86 -1.10	24.01 1.03 0.00	21.30 0.90 0.00	23.30 0.87 0.00	24.01 0.86 0.00	21.52 0.87 0.00	20.37 0.80 0.00	19.47 0.76 0.00	19.72 0.73 0.00	20.94 0.77 0.00	21.97 0.76 0.00	22.53 0.82 0.00	22.40 0.82 0.00	25.59 1.02 0.00	38.49 0.89 -17.79	38.10 0.95 -15.66	31.12 1.27 0.00	26.63 1.00 0.00	22.43 0.55 -8.99
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	16.63 -0.44 0.00	16.52 -0.44 0.00	16.08 -0.46 0.00	15.19 -0.58 -0.16	14.94 -0.57 -0.19	18.75 -0.68 -0.16	22.40 -0.60 -0.02	19.79 -0.61 0.00	22.03 -0.40 0.00	22.69 -0.46 0.00	20.10 -0.57 -0.02	19.37 -0.21 0.00	18.37 -0.35 0.00	18.63 -0.37 0.00	19.89 -0.28 0.00	20.87 -0.35 0.00	21.01 -0.69 0.00	20.90 -0.67 0.00	23.81 -0.76 0.00	21.84 -0.69 -2.71	23.04 -0.85 -2.39	28.95 -0.90 0.00	24.78 -0.85 0.00	13.84 -0.43 -1.37
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.14 1.06 0.00	17.98 1.02 0.00	17.51 0.98 0.00	17.48 0.96 -0.90	17.33 0.92 -1.09	21.29 1.11 -0.91	24.41 1.43 0.00	21.73 1.33 0.00	23.88 1.44 0.00	24.57 1.42 0.00	22.02 1.37 0.00	20.83 1.27 0.00	19.96 1.24 0.00	20.21 1.21 0.00	21.49 1.32 0.00	22.65 1.43 0.00	23.26 1.56 0.00	23.11 1.54 0.00	26.24 1.67 0.00	35.46 1.32 -14.33	35.54 1.44 -12.61	31.75 1.90 0.00	27.28 1.64 0.00	20.98 0.85 -7.24
PEEKSKILL____ 23653	17.99 0.92 0.00	17.83 0.88 0.00	17.38 0.84 0.00	17.34 0.84 -0.89	17.18 0.79 -1.07	21.09 0.93 -0.90	24.16 1.19 0.00	21.50 1.10 0.00	23.66 1.23 0.00	24.37 1.22 0.00	21.85 1.20 0.00	20.68 1.11 0.00	19.83 1.11 0.00	20.07 1.07 0.00	21.35 1.18 0.00	22.51 1.29 0.00	23.13 1.43 0.00	22.93 1.36 0.00	26.01 1.43 0.00	34.99 1.13 -14.04	35.08 1.23 -12.36	31.44 1.59 0.00	27.05 1.41 0.00	20.72 0.73 -7.10
PGE MADISON__WINDPWR 24146	18.38 1.31 0.00	18.24 1.29 0.00	17.78 1.24 0.00	17.02 1.15 -0.27	16.83 1.18 -0.32	21.21 1.68 -0.27	25.19 2.21 0.00	22.09 1.69 0.00	24.09 1.66 0.00	24.47 1.32 0.00	21.73 1.08 0.00	20.60 1.03 0.00	19.63 0.92 0.00	19.86 0.87 0.00	21.09 0.92 0.00	22.13 0.91 0.00	22.71 1.01 0.00	22.77 1.20 0.00	26.31 1.74 0.00	25.85 1.55 -4.48	27.16 1.72 -3.95	32.10 2.26 0.00	27.09 1.46 0.00	15.73 0.57 -2.26
PIERCEFIELD__HYD 23852	17.02 -0.06 0.00	16.88 -0.07 0.00	16.49 -0.05 0.00	15.54 -0.07 0.00	15.28 -0.04 0.00	19.24 -0.02 0.00	22.96 -0.02 0.00	20.39 -0.01 0.00	22.44 0.00 0.00	23.16 0.00 0.00	20.41 -0.24 0.00	19.28 -0.29 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.59 -0.59 0.00	20.55 -0.67 0.00	20.96 -0.74 0.00	20.68 -0.89 0.00	23.62 -0.95 0.00	19.15 -0.67 0.00	20.85 -0.65 0.00	29.17 -0.67 0.00	25.35 -0.29 0.00	12.67 -0.22 0.00
PINELAWN_CC_1 323563	22.90 1.44 -4.39	18.43 1.33 -0.15	18.00 1.29 -0.17	18.04 1.30 -1.13	17.79 1.20 -1.27	22.18 1.42 -1.50	24.65 1.67 0.00	21.76 1.35 0.00	24.11 1.68 0.00	24.72 1.57 0.00	22.20 1.56 0.00	20.98 1.41 0.00	20.08 1.36 0.00	20.40 1.41 0.00	21.73 1.56 0.00	23.96 1.75 -0.99	24.06 1.80 -0.56	23.43 1.86 0.00	26.54 1.96 0.00	99.72 1.61 -78.29	158.33 1.82 -135.01	31.97 2.11 -0.02	27.65 2.01 0.00	23.99 1.13 -9.97
PJM_GEN_HTP_PROXY 323702	18.07 1.00 0.00	17.91 0.96 0.00	17.46 0.92 0.00	17.42 0.91 -0.90	17.25 0.85 -1.08	21.16 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.79 1.36 0.00	24.52 1.37 0.00	22.00 1.35 0.00	20.82 1.25 0.00	19.98 1.26 0.00	20.21 1.22 0.00	21.50 1.33 0.00	22.67 1.45 0.00	23.30 1.60 0.00	23.07 1.50 0.00	26.12 1.54 0.00	35.20 1.19 -14.19	35.26 1.28 -12.49	31.53 1.69 0.00	27.16 1.53 0.00	20.85 0.79 -7.17
PJM_GEN_KEystone 24065	17.40 0.32 0.00	17.26 0.31 0.00	16.81 0.27 0.00	16.40 0.23 -0.56	16.20 0.21 -0.67	20.07 0.25 -0.56	23.37 0.39 0.00	20.73 0.33 0.00	22.89 0.46 0.00	23.59 0.44 0.00	21.11 0.46 0.00	11.20 0.53 8.90	19.19 0.48 0.00	19.43 0.43 0.00	20.72 0.55 0.00	21.80 0.58 0.00	22.24 0.54 0.00	22.06 0.49 0.00	25.05 0.47 0.00	29.00 0.31 -8.87	29.62 0.33 -7.80	30.30 0.46 0.00	26.07 0.44 0.00	17.60 0.23 -4.48
PJM_GEN_NEPTUNE_PROXY 323594	20.36 1.23 -2.05	18.10 1.14 0.00	17.64 1.10 0.00	17.72 1.13 -0.98	17.44 1.03 -1.08	21.37 1.20 -0.90	24.38 1.40 0.00	21.51 1.11 0.00	23.86 1.43 0.00	24.53 1.38 0.00	22.05 1.40 0.00	-6.19 1.28 27.04	19.97 1.26 0.00	20.29 1.29 0.00	21.60 1.43 0.00	23.35 1.59 -0.54	23.65 1.64 -0.30	23.21 1.64 0.00	26.25 1.68 0.00	71.26 1.36 -50.08	104.25 1.52 -81.23	31.59 1.75 0.00	27.33 1.69 0.00	22.56 0.97 -8.69
PJM_GEN_VFT_PROXY 323633	17.97 0.89 0.00	17.82 0.87 0.00	17.37 0.83 0.00	17.34 0.83 -0.90	17.17 0.77 -1.08	21.06 0.89 -0.90	24.11 1.14 0.00	21.46 1.07 0.00	23.67 1.24 0.00	24.40 1.25 0.00	21.89 1.24 0.00	20.72 1.15 0.00	19.90 1.18 0.00	20.13 1.13 0.00	21.41 1.24 0.00	22.58 1.36 0.00	23.22 1.52 0.00	23.00 1.43 0.00	26.00 1.43 0.00	35.11 1.10 -14.19	35.16 1.18 -12.49	31.40 1.55 0.00	27.06 1.43 0.00	20.80 0.74 -7.17
PLATSBURG_115KV_PMLD1 355749	17.15 0.08 0.00	17.09 0.13 0.00	16.56 0.03 0.00	15.60 -0.01 0.00	15.34 0.01 0.00	19.28 0.02 0.00	23.12 0.14 0.00	20.78 0.38 0.00	22.84 0.40 0.00	23.46 0.31 0.00	20.55 -0.10 0.00	19.37 -0.20 0.00	18.59 -0.12 0.00	18.99 -0.01 0.00	20.17 0.00 0.00	21.26 0.04 0.00	21.79 0.08 0.00	21.66 0.09 0.00	24.89 0.32 0.00	20.11 0.29 0.00	21.89 0.39 0.00	30.37 0.52 0.00	25.97 0.33 0.00	13.06 0.17 0.00
PLEASANTVLY__LBMP 24000	17.91 0.84 0.00	17.77 0.81 0.00	17.32 0.78 0.00	17.32 0.78 -0.93	17.18 0.73 -1.12	21.08 0.88 -0.94	24.07 1.09 0.00	21.41 1.01 0.00	23.51 1.08 0.00	24.21 1.06 0.00	21.71 1.06 0.00	20.55 0.98 0.00	19.70 0.98 0.00	19.94 0.94 0.00	21.20 1.03 0.00	22.33 1.11 0.00	22.92 1.22 0.00	22.74 1.17 0.00	25.83 1.26 0.00	35.69 1.00 -14.87	35.68 1.09 -13.09	31.26 1.42 0.00	26.86 1.23 0.00	21.07 0.67 -7.51
PLSNTVLE_13_KV_13.8KVDIST 80602	18.03 0.96 0.00	17.88 0.93 0.00	17.41 0.88 0.00	17.39 0.88 -0.90	17.24 0.83 -1.09	21.16 0.99 -0.91	24.22 1.25 0.00	21.56 1.16 0.00	23.70 1.27 0.00	24.42 1.27 0.00	21.89 1.24 0.00	20.72 1.16 0.00	19.88 1.16 0.00	20.12 1.13 0.00	21.39 1.22 0.00	22.56 1.33 0.00	23.16 1.46 0.00	22.96 1.39 0.00	26.05 1.48 0.00	35.27 1.16 -14.29	35.34 1.27 -12.58	31.49 1.65 0.00	27.10 1.47 0.00	20.88 0.77 -7.22

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.03 0.96 0.00	17.88 0.93 0.00	17.41 0.88 0.00	17.39 0.88 -0.90	17.24 0.83 -1.09	21.16 0.99 -0.91	24.22 1.25 0.00	21.56 1.16 0.00	23.70 1.27 0.00	24.42 1.27 0.00	21.89 1.24 0.00	20.72 1.16 0.00	19.88 1.16 0.00	20.12 1.13 0.00	21.39 1.22 0.00	22.56 1.33 0.00	23.16 1.46 0.00	22.96 1.39 0.00	26.05 1.48 0.00	35.27 1.16 -14.29	35.34 1.27 -12.58	31.49 1.65 0.00	27.10 1.47 0.00	20.88 0.77 -7.22
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.04 0.96 0.00	17.88 0.93 0.00	17.42 0.89 0.00	17.40 0.88 -0.91	17.26 0.84 -1.10	21.20 1.02 -0.92	24.26 1.29 0.00	21.57 1.17 0.00	23.69 1.25 0.00	24.35 1.20 0.00	21.82 1.17 0.00	20.64 1.07 0.00	19.78 1.07 0.00	20.02 1.03 0.00	21.30 1.13 0.00	22.45 1.23 0.00	23.05 1.35 0.00	22.90 1.33 0.00	26.04 1.47 0.00	35.50 1.18 -14.50	35.54 1.28 -12.76	31.54 1.70 0.00	27.09 1.45 0.00	20.98 0.76 -7.33
POLETTI____ 23519	18.05 0.98 0.00	17.89 0.94 0.00	17.44 0.90 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.14 0.97 -0.90	24.19 1.21 0.00	21.54 1.14 0.00	23.74 1.31 0.00	24.47 1.32 0.00	21.95 1.30 0.00	20.77 1.20 0.00	19.93 1.22 0.00	20.17 1.18 0.00	21.45 1.28 0.00	22.62 1.40 0.00	23.26 1.56 0.00	23.03 1.46 0.00	26.06 1.49 0.00	35.14 1.13 -14.19	35.21 1.23 -12.49	31.45 1.61 0.00	27.09 1.46 0.00	20.82 0.76 -7.17
PORT_JEFF_3 23555	32.38 1.56 -13.75	20.80 1.45 -2.40	20.68 1.42 -2.72	19.36 1.44 -2.32	20.73 1.31 -4.10	31.13 1.55 -10.32	24.78 1.80 -0.01	21.83 1.44 0.00	24.17 1.74 0.00	24.65 1.50 0.00	22.07 1.42 0.00	20.85 1.28 0.00	19.96 1.25 0.00	20.36 1.36 0.00	21.78 1.61 0.00	24.04 1.83 -0.99	24.10 1.84 -0.56	23.55 1.98 0.00	26.66 2.09 0.00	109.94 1.73 -88.39	169.60 1.95 -146.16	32.46 2.22 -0.39	27.80 2.15 -0.02	24.06 1.20 -9.97
PORT_JEFF_4 23616	32.38 1.56 -13.75	20.80 1.45 -2.40	20.68 1.42 -2.72	19.36 1.44 -2.32	20.73 1.31 -4.10	31.13 1.55 -10.32	24.78 1.80 -0.01	21.83 1.44 0.00	24.17 1.74 0.00	24.65 1.50 0.00	22.07 1.42 0.00	20.85 1.28 0.00	19.96 1.25 0.00	20.36 1.36 0.00	21.78 1.61 0.00	24.04 1.83 -0.99	24.10 1.84 -0.56	23.55 1.98 0.00	26.66 2.09 0.00	109.94 1.73 -88.39	169.60 1.95 -146.16	32.46 2.22 -0.39	27.80 2.15 -0.02	24.06 1.20 -9.97
PORT_JEFF_IC 23713	33.85 1.58 -15.19	21.17 1.48 -2.74	21.09 1.44 -3.12	19.56 1.46 -2.50	21.19 1.34 -4.54	32.52 1.58 -11.69	24.81 1.83 -0.01	21.88 1.48 0.00	24.20 1.77 0.00	24.70 1.55 0.00	22.12 1.47 0.00	20.89 1.32 0.00	20.00 1.29 0.00	20.39 1.40 0.00	21.80 1.63 0.00	24.06 1.85 -0.99	24.12 1.86 -0.56	23.59 2.02 0.00	26.70 2.13 0.00	111.33 1.76 -89.76	171.01 2.00 -147.52	32.56 2.27 -0.45	27.84 2.18 -0.02	24.08 1.22 -9.97
PPL PILGRIM_ST_GT1 24216	24.41 1.56 -5.78	18.86 1.43 -0.48	18.48 1.39 -0.55	18.33 1.42 -1.30	18.31 1.30 -1.69	23.64 1.55 -2.82	24.80 1.82 0.00	21.80 1.40 0.00	24.26 1.83 0.00	24.85 1.70 0.00	22.31 1.66 0.00	21.09 1.51 0.00	20.17 1.46 0.00	20.52 1.53 0.00	21.86 1.68 0.00	24.11 1.90 -0.99	24.19 1.93 -0.56	23.58 2.01 0.00	26.68 2.11 0.00	102.48 1.75 -80.91	162.14 1.97 -138.68	32.20 2.27 -0.08	27.81 2.17 0.00	24.09 1.23 -9.97
PPL PILGRIM_ST_GT2 24217	24.41 1.56 -5.78	18.86 1.43 -0.48	18.48 1.39 -0.55	18.33 1.42 -1.30	18.31 1.30 -1.69	23.64 1.55 -2.82	24.80 1.82 0.00	21.80 1.40 0.00	24.26 1.83 0.00	24.85 1.70 0.00	22.31 1.66 0.00	21.09 1.51 0.00	20.17 1.46 0.00	20.52 1.53 0.00	21.86 1.68 0.00	24.11 1.90 -0.99	24.19 1.93 -0.56	23.58 2.01 0.00	26.68 2.11 0.00	102.48 1.75 -80.91	162.14 1.97 -138.68	32.20 2.27 -0.08	27.81 2.17 0.00	24.09 1.23 -9.97
PPL_SHRM_GT3 24213	32.65 1.66 -13.92	20.93 1.55 -2.44	20.82 1.51 -2.77	19.47 1.53 -2.34	20.88 1.40 -4.15	31.42 1.67 -10.49	24.93 1.95 -0.01	21.99 1.59 0.00	24.32 1.89 0.00	24.83 1.68 0.00	22.24 1.59 0.00	21.00 1.43 0.00	20.10 1.39 0.00	20.46 1.47 0.00	21.82 1.65 0.00	24.07 1.85 -0.99	24.07 1.81 -0.56	23.66 2.09 0.00	26.80 2.23 0.00	110.23 1.85 -88.56	169.92 2.10 -146.32	32.64 2.40 -0.40	27.96 2.30 -0.02	24.14 1.28 -9.97
PPL_SHRM_GT4 24214	32.65 1.66 -13.92	20.93 1.55 -2.44	20.82 1.51 -2.77	19.47 1.53 -2.34	20.88 1.40 -4.15	31.42 1.67 -10.49	24.93 1.95 -0.01	21.99 1.59 0.00	24.32 1.89 0.00	24.83 1.68 0.00	22.24 1.59 0.00	21.00 1.43 0.00	20.10 1.39 0.00	20.46 1.47 0.00	21.82 1.65 0.00	24.07 1.85 -0.99	24.07 1.81 -0.56	23.66 2.09 0.00	26.80 2.23 0.00	110.23 1.85 -88.56	169.92 2.10 -146.32	32.64 2.40 -0.40	27.96 2.30 -0.02	24.14 1.28 -9.97
PROJECT____ORANGE 1 24174	16.81 -0.26 0.00	16.68 -0.28 0.00	16.25 -0.29 0.00	15.40 -0.30 -0.09	15.16 -0.28 -0.11	19.05 -0.31 -0.09	22.72 -0.27 0.00	20.12 -0.28 0.00	22.14 -0.29 0.00	22.79 -0.36 0.00	20.33 -0.31 0.00	19.33 -0.24 0.00	18.44 -0.27 0.00	18.70 -0.29 0.00	19.89 -0.28 0.00	20.92 -0.30 0.00	21.35 -0.35 0.00	21.24 -0.33 0.00	24.25 -0.32 0.00	21.13 -0.25 -1.56	22.59 -0.28 -1.37	29.45 -0.40 0.00	25.21 -0.43 0.00	13.44 -0.24 -0.79
PROJECT____ORANGE 2 24166	16.81 -0.26 0.00	16.68 -0.28 0.00	16.25 -0.29 0.00	15.40 -0.30 -0.09	15.16 -0.28 -0.11	19.05 -0.31 -0.09	22.72 -0.27 0.00	20.12 -0.28 0.00	22.14 -0.29 0.00	22.79 -0.36 0.00	20.33 -0.31 0.00	19.33 -0.24 0.00	18.44 -0.27 0.00	18.70 -0.29 0.00	19.89 -0.28 0.00	20.92 -0.30 0.00	21.35 -0.35 0.00	21.24 -0.33 0.00	24.25 -0.32 0.00	21.13 -0.25 -1.56	22.59 -0.28 -1.37	29.45 -0.40 0.00	25.21 -0.43 0.00	13.44 -0.24 -0.79
PUCKETT____SOLAR 323809	17.56 0.48 0.00	17.42 0.47 0.00	16.97 0.43 0.00	16.27 0.37 -0.29	16.05 0.39 -0.35	20.10 0.55 -0.29	23.76 0.78 0.00	20.98 0.58 0.00	23.00 0.57 0.00	23.57 0.42 0.00	20.98 0.34 0.00	19.94 0.37 0.00	19.02 0.30 0.00	19.27 0.27 0.00	20.50 0.33 0.00	21.56 0.34 0.00	22.07 0.37 0.00	22.02 0.45 0.00	25.24 0.67 0.00	25.20 0.56 -4.82	26.34 0.60 -4.25	30.66 0.82 0.00	26.24 0.61 0.00	15.59 0.26 -2.44
PYRITES____HYD 24023	17.22 0.14 0.00	17.08 0.12 0.00	16.68 0.15 0.00	15.74 0.13 0.00	15.48 0.16 0.00	19.51 0.25 0.00	23.30 0.32 0.00	20.58 0.18 0.00	22.69 0.26 0.00	23.44 0.28 0.00	20.65 0.01 0.00	19.51 -0.06 0.00	18.69 -0.03 0.00	18.95 -0.05 0.00	19.92 -0.24 0.00	20.91 -0.31 0.00	21.31 -0.39 0.00	21.08 -0.49 0.00	24.09 -0.49 0.00	19.53 -0.29 0.00	21.25 -0.25 0.00	29.71 -0.13 0.00	25.71 0.07 0.00	12.85 -0.04 0.00
QUAKERRD_115KV_BK1 80622	16.22 -0.86 0.00	16.09 -0.86 0.00	15.69 -0.85 0.00	14.86 -0.86 -0.11	14.62 -0.84 -0.14	18.35 -1.02 -0.12	21.94 -1.04 0.00	19.41 -0.99 0.00	21.44 -0.99 0.00	22.06 -1.09 0.00	19.59 -1.05 0.00	18.71 -0.86 0.00	17.80 -0.92 0.00	18.05 -0.94 0.00	19.22 -0.95 0.00	20.20 -1.03 0.00	20.48 -1.23 0.00	20.39 -1.18 0.00	23.30 -1.27 0.00	20.76 -1.00 -1.94	22.11 -1.09 -1.71	28.37 -1.47 0.00	24.28 -1.36 0.00	13.21 -0.66 -0.98

QUENSBRY_I15KV_TB8 356137	17.89 0.82 0.00	17.87 0.92 0.00	17.44 0.91 0.00	17.62 0.89 -1.12	17.61 0.93 -1.36	21.60 1.20 -1.13	24.46 1.48 0.00	21.71 1.31 0.00	23.61 1.18 0.00	24.31 1.16 0.00	21.77 1.12 0.00	20.63 1.06 0.00	19.66 0.94 0.00	19.95 0.95 0.00	21.22 1.05 0.00	22.27 1.05 0.00	22.86 1.16 0.00	22.78 1.21 0.00	26.20 1.63 0.00	39.58 1.40 -18.37	39.24 1.57 -16.17	31.89 2.05 0.00	27.10 1.47 0.00	22.94 0.76 -9.28
RAMAPO____LBMP 323565	17.96 0.88 0.00	17.81 0.86 0.00	17.35 0.81 0.00	17.29 0.81 -0.87	17.13 0.76 -1.05	21.03 0.90 -0.88	24.12 1.15 0.00	21.47 1.07 0.00	23.62 1.19 0.00	24.33 1.18 0.00	21.82 1.17 0.00	20.64 1.07 0.00	19.79 1.07 0.00	20.02 1.02 0.00	21.30 1.13 0.00	22.47 1.25 0.00	23.09 1.39 0.00	22.89 1.32 0.00	25.96 1.39 0.00	34.53 1.09 -13.62	34.67 1.19 -11.99	31.39 1.55 0.00	27.00 1.36 0.00	20.48 0.71 -6.88
RANKINE____ 23646	16.44 -0.63 0.00	16.32 -0.63 0.00	15.90 -0.64 0.00	15.02 -0.75 -0.16	14.77 -0.74 -0.19	18.53 -0.89 -0.16	22.15 -0.85 -0.02	19.57 -0.83 0.00	21.81 -0.63 0.00	22.47 -0.68 0.00	19.92 -0.76 -0.03	19.16 -0.41 -0.01	18.16 -0.55 0.00	18.42 -0.57 0.00	19.66 -0.51 0.00	20.62 -0.60 0.00	20.75 -0.96 0.00	20.66 -0.91 0.00	23.54 -1.03 0.00	21.59 -0.88 -2.66	22.79 -1.04 -2.34	28.63 -1.21 0.00	24.48 -1.16 0.00	13.67 -0.57 -1.34
RAVENSWOOD_GT2_1 24244	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.28 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.19 1.18 -14.19	35.26 1.28 -12.49	31.51 1.67 0.00	27.15 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT2_2 24245	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.28 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.19 1.18 -14.19	35.26 1.28 -12.49	31.51 1.67 0.00	27.15 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT2_3 24246	18.07 1.00 0.00	17.91 0.95 0.00	17.45 0.91 0.00	17.41 0.91 -0.90	17.25 0.85 -1.08	21.16 0.99 -0.90	24.24 1.26 0.00	21.59 1.19 0.00	23.78 1.36 0.00	24.51 1.36 0.00	21.99 1.34 0.00	20.80 1.24 0.00	19.97 1.26 0.00	20.20 1.21 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.12 1.54 0.00	35.21 1.20 -14.19	35.28 1.29 -12.49	31.53 1.69 0.00	27.17 1.54 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT2_4 24247	18.07 1.00 0.00	17.91 0.95 0.00	17.45 0.91 0.00	17.41 0.91 -0.90	17.25 0.85 -1.08	21.16 0.99 -0.90	24.24 1.26 0.00	21.59 1.19 0.00	23.78 1.36 0.00	24.51 1.36 0.00	21.99 1.34 0.00	20.80 1.24 0.00	19.97 1.26 0.00	20.20 1.21 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.12 1.54 0.00	35.21 1.20 -14.19	35.28 1.29 -12.49	31.53 1.69 0.00	27.17 1.54 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT3_1 24248	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.44 0.00	23.28 1.59 0.00	23.06 1.50 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.26 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT3_2 24249	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.44 0.00	23.28 1.59 0.00	23.06 1.50 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.26 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT3_3 24250	18.09 1.01 0.00	17.92 0.96 0.00	17.46 0.92 0.00	17.43 0.92 -0.90	17.26 0.86 -1.08	21.17 1.01 -0.90	24.26 1.28 0.00	21.61 1.21 0.00	23.81 1.38 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.82 1.26 0.00	19.99 1.28 0.00	20.23 1.23 0.00	21.51 1.34 0.00	22.69 1.47 0.00	23.32 1.62 0.00	23.10 1.53 0.00	26.15 1.58 0.00	35.23 1.22 -14.19	35.30 1.31 -12.49	31.57 1.72 0.00	27.20 1.56 0.00	20.88 0.82 -7.17
RAVENSWOOD_GT3_4 24251	18.09 1.01 0.00	17.92 0.96 0.00	17.46 0.92 0.00	17.43 0.92 -0.90	17.26 0.86 -1.08	21.17 1.01 -0.90	24.26 1.28 0.00	21.61 1.21 0.00	23.81 1.38 0.00	24.54 1.39 0.00	22.01 1.37 0.00	20.82 1.26 0.00	19.99 1.28 0.00	20.23 1.23 0.00	21.51 1.34 0.00	22.69 1.47 0.00	23.32 1.62 0.00	23.10 1.53 0.00	26.15 1.58 0.00	35.23 1.22 -14.19	35.30 1.31 -12.49	31.57 1.72 0.00	27.20 1.56 0.00	20.88 0.82 -7.17
RAVENSWOOD_GT_1 23729	18.10 1.02 0.00	17.92 0.97 0.00	17.47 0.93 0.00	17.43 0.93 -0.90	17.26 0.86 -1.08	21.17 1.01 -0.90	24.28 1.30 0.00	21.63 1.23 0.00	23.83 1.40 0.00	24.57 1.42 0.00	22.03 1.38 0.00	20.84 1.27 0.00	20.02 1.30 0.00	20.25 1.25 0.00	21.53 1.36 0.00	22.71 1.49 0.00	23.33 1.63 0.00	23.12 1.55 0.00	26.17 1.59 0.00	35.24 1.23 -14.19	35.31 1.32 -12.49	31.57 1.72 0.00	27.20 1.56 0.00	20.88 0.82 -7.17
RAVENSWOOD_GT_10 24258	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.28 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.26 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT_11 24259	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.28 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.26 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT_4 24252	18.07 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.25 0.84 -1.08	21.16 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.29 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.53 1.68 0.00	27.17 1.53 0.00	20.86 0.80 -7.17

RAVENSWOOD_GT_5 24254	18.07 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.25 0.84 -1.08	21.16 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.29 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.53 1.68 0.00	27.17 1.53 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT_6 24253	18.07 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.25 0.84 -1.08	21.16 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.29 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.53 1.68 0.00	27.17 1.53 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT_7 24255	18.07 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.25 0.84 -1.08	21.16 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.29 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.53 1.68 0.00	27.17 1.53 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.28 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.26 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD_GT_9 24257	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.77 1.34 0.00	24.49 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.19 1.20 0.00	21.48 1.31 0.00	22.65 1.43 0.00	23.28 1.59 0.00	23.06 1.49 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.26 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD___1 23533	18.07 1.00 0.00	17.89 0.94 0.00	17.44 0.91 0.00	17.40 0.90 -0.90	17.23 0.83 -1.08	21.14 0.98 -0.90	24.23 1.26 0.00	21.59 1.19 0.00	23.78 1.36 0.00	24.52 1.37 0.00	21.99 1.34 0.00	20.80 1.23 0.00	19.98 1.26 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
RAVENSWOOD___2 23534	18.07 1.00 0.00	17.89 0.94 0.00	17.44 0.91 0.00	17.40 0.90 -0.90	17.23 0.83 -1.08	21.14 0.98 -0.90	24.23 1.26 0.00	21.59 1.19 0.00	23.78 1.36 0.00	24.52 1.37 0.00	21.99 1.34 0.00	20.80 1.23 0.00	19.98 1.26 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
RAVENSWOOD___3 23535	18.06 0.99 0.00	17.90 0.94 0.00	17.44 0.91 0.00	17.41 0.91 -0.90	17.24 0.84 -1.08	21.15 0.99 -0.90	24.23 1.25 0.00	21.58 1.18 0.00	23.78 1.34 0.00	24.50 1.34 0.00	21.98 1.33 0.00	20.80 1.23 0.00	19.96 1.25 0.00	20.20 1.20 0.00	21.48 1.31 0.00	22.65 1.44 0.00	23.29 1.59 0.00	23.06 1.50 0.00	26.11 1.54 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.52 1.68 0.00	27.16 1.52 0.00	20.86 0.80 -7.17
RAVENSWOOD___4 23820	18.07 1.00 0.00	17.89 0.94 0.00	17.44 0.91 0.00	17.40 0.90 -0.90	17.23 0.83 -1.08	21.14 0.98 -0.90	24.23 1.26 0.00	21.59 1.19 0.00	23.78 1.36 0.00	24.52 1.37 0.00	21.99 1.34 0.00	20.80 1.23 0.00	19.98 1.26 0.00	20.21 1.22 0.00	21.49 1.32 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.20 1.19 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.51 0.00	20.86 0.80 -7.17
RCPL_TRUST___DRP 24196	18.10 1.03 0.00	17.93 0.98 0.00	17.48 0.94 0.00	17.44 0.94 -0.90	17.28 0.87 -1.08	21.19 1.02 -0.90	24.28 1.30 0.00	21.62 1.22 0.00	23.85 1.41 0.00	24.58 1.43 0.00	22.04 1.40 0.00	20.86 1.29 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.51 0.00	23.35 1.65 0.00	23.12 1.55 0.00	26.18 1.61 0.00	35.24 1.23 -14.19	35.31 1.32 -12.49	31.59 1.75 0.00	27.21 1.57 0.00	20.87 0.81 -7.17
RED___ROCHESTER 323720	16.62 -0.45 0.00	16.50 -0.45 0.00	16.07 -0.46 0.00	15.21 -0.51 -0.12	14.97 -0.49 -0.14	18.81 -0.57 -0.12	22.51 -0.46 0.00	19.92 -0.48 0.00	21.99 -0.45 0.00	22.62 -0.53 0.00	20.09 -0.56 0.00	19.20 -0.37 0.00	18.24 -0.47 0.00	18.50 -0.49 0.00	19.72 -0.45 0.00	20.70 -0.52 0.00	20.96 -0.74 0.00	20.89 -0.68 0.00	23.87 -0.70 0.00	21.27 -0.55 -2.00	22.69 -0.56 -1.76	29.11 -0.73 0.00	24.89 -0.75 0.00	13.54 -0.36 -1.01
REGAN___SOLAR 323812	18.62 1.55 0.00	18.45 1.50 0.00	18.00 1.46 0.00	18.25 1.37 -1.27	18.24 1.38 -1.53	22.40 1.87 -1.28	25.13 2.15 0.00	21.87 1.47 0.00	23.97 1.54 0.00	24.34 1.19 0.00	21.58 0.93 0.00	20.30 0.73 0.00	19.28 0.57 0.00	19.52 0.52 0.00	20.76 0.59 0.00	21.93 0.71 0.00	22.53 0.83 0.00	22.65 1.08 0.00	26.63 2.06 0.00	42.62 1.98 -20.82	41.88 2.06 -18.33	32.91 3.06 0.00	28.02 2.38 0.00	24.55 1.13 -10.52
RENSSELAER___COGEN 23796	17.69 0.62 0.00	17.61 0.66 0.00	17.20 0.67 0.00	17.34 0.65 -1.08	17.26 0.64 -1.30	21.13 0.78 -1.09	23.91 0.93 0.00	21.21 0.81 0.00	23.19 0.76 0.00	23.89 0.74 0.00	21.41 0.77 0.00	20.27 0.70 0.00	19.38 0.67 0.00	19.63 0.64 0.00	20.84 0.67 0.00	21.87 0.65 0.00	22.42 0.72 0.00	22.29 0.72 0.00	25.47 0.90 0.00	38.22 0.79 -17.61	37.85 0.85 -15.50	30.98 1.13 0.00	26.53 0.89 0.00	22.29 0.50 -8.90
REPUBLIC_115KV_BARTNBRK 55605	18.82 1.75 0.00	18.81 1.86 0.00	18.37 1.84 0.00	18.50 1.77 -1.12	18.57 1.89 -1.35	22.83 2.43 -1.13	25.87 2.89 0.00	22.79 2.39 0.00	24.79 2.36 0.00	25.52 2.36 0.00	22.94 2.30 0.00	21.79 2.22 0.00	20.68 1.96 0.00	21.04 2.05 0.00	22.46 2.29 0.00	23.52 2.30 0.00	24.18 2.47 0.00	24.05 2.47 0.00	27.87 3.29 0.00	40.89 2.72 -18.36	40.63 2.98 -16.16	33.86 4.01 0.00	28.52 2.89 0.00	23.68 1.52 -9.28
REVERE_CPPR_DRP 24186	17.61 0.53 0.00	17.44 0.49 0.00	17.01 0.47 0.00	16.09 0.43 -0.05	15.84 0.45 -0.06	19.95 0.64 -0.05	23.86 0.88 0.00	20.98 0.58 0.00	23.08 0.65 0.00	23.71 0.56 0.00	21.09 0.45 0.00	19.99 0.42 0.00	19.08 0.36 0.00	19.33 0.34 0.00	20.56 0.39 0.00	21.61 0.39 0.00	22.11 0.41 0.00	22.04 0.47 0.00	25.27 0.69 0.00	21.37 0.68 -0.87	23.03 0.78 -0.76	30.97 1.12 0.00	26.42 0.78 0.00	13.60 0.26 -0.44

REYNOLDS_115KV_TB3 80639	17.66 0.59 0.00	17.60 0.64 0.00	17.19 0.65 0.00	17.34 0.65 -1.08	17.26 0.63 -1.31	21.11 0.76 -1.09	23.87 0.90 0.00	21.17 0.77 0.00	23.15 0.72 0.00	23.86 0.71 0.00	21.40 0.75 0.00	20.25 0.68 0.00	19.36 0.64 0.00	19.61 0.61 0.00	20.80 0.63 0.00	21.81 0.59 0.00	22.37 0.67 0.00	22.23 0.66 0.00	25.42 0.85 0.00	38.22 0.76 -17.64	37.85 0.83 -15.53	30.95 1.10 0.00	26.48 0.84 0.00	22.29 0.49 -8.91
RIVERBAY____ 323610	18.07 1.00 0.00	17.92 0.97 0.00	17.50 0.96 0.00	17.45 0.95 -0.90	17.27 0.87 -1.08	21.24 1.08 -0.90	24.34 1.37 0.00	21.58 1.18 0.00	23.84 1.41 0.00	24.52 1.37 0.00	22.03 1.39 0.00	20.78 1.22 0.00	19.95 1.24 0.00	20.20 1.20 0.00	21.50 1.33 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.05 1.48 0.00	26.14 1.57 0.00	35.18 1.17 -14.19	35.23 1.24 -12.49	31.51 1.66 0.00	27.11 1.48 0.00	20.85 0.78 -7.17
RIVERSDE_115KV_TB3 55908	17.70 0.62 0.00	17.62 0.67 0.00	17.22 0.68 0.00	17.36 0.67 -1.08	17.28 0.65 -1.31	21.15 0.79 -1.09	23.92 0.94 0.00	21.22 0.82 0.00	23.21 0.77 0.00	23.91 0.76 0.00	21.44 0.80 0.00	20.30 0.72 0.00	19.40 0.69 0.00	19.65 0.65 0.00	20.86 0.69 0.00	21.87 0.65 0.00	22.43 0.73 0.00	22.29 0.72 0.00	25.48 0.91 0.00	38.28 0.80 -17.65	37.91 0.87 -15.54	31.00 1.15 0.00	26.54 0.90 0.00	22.32 0.51 -8.92
ROARING____BROOK_WT_PWR 323790	16.87 -0.21 0.00	16.73 -0.22 0.00	16.34 -0.20 0.00	15.40 -0.21 0.00	15.12 -0.20 0.00	19.00 -0.26 0.00	22.66 -0.32 0.00	20.16 -0.24 0.00	22.21 -0.22 0.00	22.96 -0.19 0.00	20.43 -0.22 0.00	19.34 -0.22 0.00	18.52 -0.20 0.00	18.80 -0.19 0.00	19.94 -0.23 0.00	20.99 -0.23 0.00	21.42 -0.28 0.00	21.29 -0.28 0.00	24.20 -0.38 0.00	19.54 -0.27 0.00	21.21 -0.28 0.00	29.30 -0.54 0.00	24.67 -0.97 0.00	12.24 -0.65 0.00
ROCHESRG_115KV_T4 355643	16.47 -0.61 0.00	16.34 -0.61 0.00	15.93 -0.61 0.00	15.08 -0.65 -0.12	14.83 -0.64 -0.14	18.63 -0.75 -0.12	22.28 -0.70 0.00	19.71 -0.69 0.00	21.77 -0.66 0.00	22.40 -0.75 0.00	19.88 -0.76 0.00	19.03 -0.54 0.00	18.08 -0.64 0.00	18.34 -0.66 0.00	19.53 -0.64 0.00	20.51 -0.71 0.00	20.76 -0.94 0.00	20.68 -0.89 0.00	23.63 -0.95 0.00	21.06 -0.74 -1.99	22.44 -0.80 -1.75	28.79 -1.05 0.00	24.64 -1.00 0.00	13.42 -0.47 -1.00
ROCHESTER_9_IC 23652	16.55 -0.52 0.00	16.43 -0.52 0.00	16.01 -0.53 0.00	15.15 -0.57 -0.12	14.91 -0.56 -0.14	18.73 -0.65 -0.12	22.41 -0.57 0.00	19.83 -0.57 0.00	21.89 -0.54 0.00	22.52 -0.63 0.00	19.99 -0.65 0.00	19.13 -0.44 0.00	18.16 -0.55 0.00	18.43 -0.56 0.00	19.63 -0.54 0.00	20.62 -0.60 0.00	20.87 -0.83 0.00	20.80 -0.77 0.00	23.76 -0.81 0.00	21.18 -0.63 -2.00	22.57 -0.68 -1.76	28.97 -0.88 0.00	24.77 -0.87 0.00	13.48 -0.41 -1.01
ROCKVIEW_13_KV_LD 356306	18.09 1.02 0.00	17.91 0.96 0.00	17.45 0.91 0.00	17.42 0.91 -0.90	17.26 0.85 -1.08	21.18 1.01 -0.90	24.27 1.30 0.00	21.61 1.21 0.00	23.79 1.36 0.00	24.51 1.35 0.00	21.98 1.34 0.00	20.81 1.24 0.00	19.96 1.24 0.00	20.20 1.21 0.00	21.49 1.32 0.00	22.66 1.44 0.00	23.27 1.58 0.00	23.08 1.51 0.00	26.17 1.59 0.00	35.25 1.25 -14.19	35.33 1.35 -12.49	31.60 1.76 0.00	27.21 1.57 0.00	20.88 0.81 -7.17
ROME____115KV_TB2 80656	17.61 0.53 0.00	17.44 0.49 0.00	17.01 0.47 0.00	16.09 0.43 -0.05	15.84 0.45 -0.06	19.95 0.64 -0.05	23.86 0.88 0.00	20.98 0.58 0.00	23.08 0.65 0.00	23.71 0.56 0.00	21.09 0.45 0.00	19.99 0.42 0.00	19.08 0.36 0.00	19.33 0.34 0.00	20.56 0.39 0.00	21.61 0.39 0.00	22.11 0.41 0.00	22.04 0.47 0.00	25.27 0.69 0.00	21.37 0.68 -0.87	23.03 0.78 -0.76	30.97 1.12 0.00	26.42 0.78 0.00	13.60 0.26 -0.44
ROSETON____1 23587	17.92 0.85 0.00	17.78 0.82 0.00	17.33 0.79 0.00	17.28 0.79 -0.89	17.14 0.74 -1.07	21.04 0.88 -0.90	24.09 1.11 0.00	21.42 1.02 0.00	23.54 1.11 0.00	24.24 1.09 0.00	21.73 1.09 0.00	20.57 1.00 0.00	19.72 1.00 0.00	19.96 0.96 0.00	21.22 1.05 0.00	22.36 1.14 0.00	22.96 1.26 0.00	22.78 1.21 0.00	25.86 1.29 0.00	34.89 1.03 -14.04	34.97 1.11 -12.36	31.29 1.45 0.00	26.90 1.27 0.00	20.66 0.68 -7.10
ROSETON____2 23588	17.92 0.85 0.00	17.78 0.82 0.00	17.33 0.79 0.00	17.28 0.79 -0.89	17.14 0.74 -1.07	21.04 0.88 -0.90	24.09 1.11 0.00	21.42 1.02 0.00	23.54 1.11 0.00	24.24 1.09 0.00	21.73 1.09 0.00	20.57 1.00 0.00	19.72 1.00 0.00	19.96 0.96 0.00	21.22 1.05 0.00	22.36 1.14 0.00	22.96 1.26 0.00	22.78 1.21 0.00	25.86 1.29 0.00	34.89 1.03 -14.04	34.97 1.11 -12.36	31.29 1.45 0.00	26.90 1.27 0.00	20.66 0.68 -7.10
ROTTDAM_115KV_TB3 80664	17.68 0.61 0.00	17.58 0.63 0.00	17.16 0.62 0.00	17.35 0.61 -1.14	17.30 0.60 -1.37	21.17 0.76 -1.15	23.93 0.95 0.00	21.20 0.80 0.00	23.22 0.79 0.00	23.90 0.75 0.00	21.39 0.74 0.00	20.25 0.68 0.00	19.35 0.63 0.00	19.62 0.62 0.00	20.84 0.67 0.00	21.91 0.68 0.00	22.44 0.74 0.00	22.32 0.75 0.00	25.51 0.94 0.00	39.24 0.81 -18.61	38.75 0.87 -16.38	31.03 1.18 0.00	26.57 0.93 0.00	22.80 0.50 -9.41
RUSSELL____1 23602	16.62 -0.45 0.00	16.49 -0.46 0.00	16.07 -0.46 0.00	15.21 -0.52 -0.12	14.97 -0.50 -0.14	18.81 -0.57 -0.12	22.51 -0.47 0.00	19.93 -0.48 0.00	21.98 -0.45 0.00	22.62 -0.53 0.00	20.07 -0.57 0.00	19.21 -0.36 0.00	18.24 -0.47 0.00	18.50 -0.49 0.00	19.72 -0.46 0.00	20.70 -0.52 0.00	20.96 -0.74 0.00	20.89 -0.68 0.00	23.87 -0.70 0.00	21.27 -0.54 -2.00	22.68 -0.57 -1.76	29.10 -0.74 0.00	24.88 -0.75 0.00	13.54 -0.36 -1.01
RUSSELL____2 23532	16.62 -0.45 0.00	16.49 -0.46 0.00	16.07 -0.46 0.00	15.21 -0.52 -0.12	14.97 -0.50 -0.14	18.81 -0.57 -0.12	22.51 -0.47 0.00	19.93 -0.48 0.00	21.98 -0.45 0.00	22.62 -0.53 0.00	20.07 -0.57 0.00	19.21 -0.36 0.00	18.24 -0.47 0.00	18.50 -0.49 0.00	19.72 -0.46 0.00	20.70 -0.52 0.00	20.96 -0.74 0.00	20.89 -0.68 0.00	23.87 -0.70 0.00	21.27 -0.54 -2.00	22.68 -0.57 -1.76	29.10 -0.74 0.00	24.88 -0.75 0.00	13.54 -0.36 -1.01
RUSSELL____3 23549	16.62 -0.45 0.00	16.49 -0.46 0.00	16.07 -0.46 0.00	15.21 -0.52 -0.12	14.97 -0.50 -0.14	18.81 -0.57 -0.12	22.51 -0.47 0.00	19.93 -0.48 0.00	21.98 -0.45 0.00	22.62 -0.53 0.00	20.07 -0.57 0.00	19.21 -0.36 0.00	18.24 -0.47 0.00	18.50 -0.49 0.00	19.72 -0.46 0.00	20.70 -0.52 0.00	20.96 -0.74 0.00	20.89 -0.68 0.00	23.87 -0.70 0.00	21.27 -0.54 -2.00	22.68 -0.57 -1.76	29.10 -0.74 0.00	24.88 -0.75 0.00	13.54 -0.36 -1.01
RUSSELL____4 23556	16.62 -0.45 0.00	16.49 -0.46 0.00	16.07 -0.46 0.00	15.21 -0.52 -0.12	14.97 -0.50 -0.14	18.81 -0.57 -0.12	22.51 -0.47 0.00	19.93 -0.48 0.00	21.98 -0.45 0.00	22.62 -0.53 0.00	20.07 -0.57 0.00	19.21 -0.36 0.00	18.24 -0.47 0.00	18.50 -0.49 0.00	19.72 -0.46 0.00	20.70 -0.52 0.00	20.96 -0.74 0.00	20.89 -0.68 0.00	23.87 -0.70 0.00	21.27 -0.54 -2.00	22.68 -0.57 -1.76	29.10 -0.74 0.00	24.88 -0.75 0.00	13.54 -0.36 -1.01

RUSSELL___STATION 23914	16.62 -0.45 0.00	16.49 -0.46 0.00	16.07 -0.46 0.00	15.21 -0.52 -0.12	14.97 -0.50 -0.14	18.81 -0.57 -0.12	22.51 -0.47 0.00	19.93 -0.48 0.00	21.98 -0.45 0.00	22.62 -0.53 0.00	20.07 -0.57 0.00	19.21 -0.36 0.00	18.24 -0.47 0.00	18.50 -0.49 0.00	19.72 -0.46 0.00	20.70 -0.52 0.00	20.96 -0.74 0.00	20.89 -0.68 0.00	23.87 -0.70 0.00	21.27 -0.54 -2.00	22.68 -0.57 -1.76	29.10 -0.74 0.00	24.88 -0.75 0.00	13.54 -0.36 -1.01
S SALMON___HYD 24043	16.85 -0.22 0.00	16.68 -0.27 0.00	16.29 -0.25 0.00	15.42 -0.26 -0.08	15.18 -0.23 -0.09	19.12 -0.22 -0.08	22.82 -0.16 0.00	20.19 -0.21 0.00	22.14 -0.30 0.00	22.71 -0.44 0.00	20.18 -0.46 0.00	19.15 -0.42 0.00	18.28 -0.44 0.00	18.53 -0.47 0.00	19.68 -0.49 0.00	20.68 -0.54 0.00	21.11 -0.59 0.00	21.01 -0.56 0.00	24.04 -0.53 0.00	20.78 -0.32 -1.29	22.41 -0.22 -1.14	29.61 -0.24 0.00	25.30 -0.34 0.00	13.20 -0.34 -0.65
S.PERRY__115KV_TB1 80734	17.60 0.53 0.00	17.44 0.48 0.00	16.98 0.44 0.00	16.05 0.29 -0.15	15.80 0.30 -0.18	19.86 0.44 -0.15	23.77 0.79 0.00	20.78 0.38 0.00	22.76 0.33 0.00	23.47 0.32 0.00	20.85 0.20 0.00	19.92 0.35 0.00	18.93 0.22 0.00	19.15 0.16 0.00	20.37 0.20 0.00	21.36 0.14 0.00	21.63 -0.07 0.00	21.57 0.00 0.00	24.64 0.06 0.00	22.53 0.18 -2.52	24.09 0.37 -2.22	30.20 0.36 0.00	25.64 0.00 0.00	14.10 -0.07 -1.27
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.19 -0.88 0.00	16.07 -0.88 0.00	15.66 -0.87 0.00	14.80 -0.96 -0.15	14.55 -0.96 -0.18	18.24 -1.18 -0.15	21.82 -1.18 -0.02	19.28 -1.12 0.00	21.48 -0.95 0.00	22.12 -1.04 0.00	19.60 -1.07 -0.02	18.86 -0.71 0.00	17.87 -0.85 0.00	18.13 -0.87 0.00	19.34 -0.83 0.00	20.29 -0.93 0.00	20.40 -1.31 0.00	20.32 -1.25 0.00	23.15 -1.42 0.00	21.19 -1.17 -2.55	22.40 -1.33 -2.25	28.21 -1.63 0.00	24.15 -1.48 0.00	13.49 -0.69 -1.29
SAWYER__23_KV_LOAD 55526	16.19 -0.88 0.00	16.07 -0.88 0.00	15.66 -0.87 0.00	14.80 -0.96 -0.15	14.55 -0.96 -0.18	18.24 -1.18 -0.15	21.82 -1.18 -0.02	19.28 -1.12 0.00	21.48 -0.95 0.00	22.12 -1.04 0.00	19.60 -1.07 -0.02	18.86 -0.71 0.00	17.87 -0.85 0.00	18.13 -0.87 0.00	19.34 -0.83 0.00	20.29 -0.93 0.00	20.40 -1.31 0.00	20.32 -1.25 0.00	23.15 -1.42 0.00	21.19 -1.17 -2.55	22.40 -1.33 -2.25	28.21 -1.63 0.00	24.15 -1.48 0.00	13.49 -0.69 -1.29
SELKIRK___I 23801	17.71 0.64 0.00	17.63 0.67 0.00	17.22 0.68 0.00	17.33 0.66 -1.06	17.26 0.66 -1.28	21.15 0.81 -1.07	23.95 0.97 0.00	21.23 0.83 0.00	23.21 0.78 0.00	23.90 0.75 0.00	21.41 0.76 0.00	20.27 0.70 0.00	19.37 0.65 0.00	19.63 0.63 0.00	20.84 0.67 0.00	21.88 0.66 0.00	22.42 0.72 0.00	22.31 0.73 0.00	25.51 0.94 0.00	37.97 0.82 -17.33	37.62 0.88 -15.26	31.02 1.18 0.00	26.58 0.94 0.00	22.16 0.51 -8.76
SELKIRK___II 23799	17.65 0.57 0.00	17.55 0.60 0.00	17.14 0.60 0.00	17.27 0.59 -1.08	17.20 0.58 -1.30	21.05 0.71 -1.09	23.82 0.84 0.00	21.13 0.73 0.00	23.13 0.70 0.00	23.83 0.68 0.00	21.35 0.70 0.00	20.21 0.64 0.00	19.32 0.61 0.00	19.58 0.58 0.00	20.79 0.62 0.00	21.83 0.61 0.00	22.38 0.68 0.00	22.25 0.68 0.00	25.40 0.83 0.00	38.09 0.72 -17.55	37.72 0.78 -15.45	30.88 1.04 0.00	26.47 0.83 0.00	22.22 0.46 -8.87
SENECA OSWGO___HYD 24041	16.65 -0.42 0.00	16.52 -0.43 0.00	16.10 -0.44 0.00	15.26 -0.43 -0.08	15.02 -0.41 -0.10	18.87 -0.48 -0.09	22.51 -0.47 0.00	19.94 -0.46 0.00	21.93 -0.50 0.00	22.56 -0.59 0.00	20.12 -0.52 0.00	19.12 -0.44 0.00	18.26 -0.46 0.00	18.51 -0.49 0.00	19.67 -0.50 0.00	20.68 -0.54 0.00	21.11 -0.59 0.00	21.01 -0.56 0.00	24.00 -0.57 0.00	20.83 -0.44 -1.45	22.30 -0.47 -1.28	29.18 -0.66 0.00	24.98 -0.66 0.00	13.27 -0.36 -0.73
SENECA___115KV_TB3 355854	16.47 -0.60 0.00	16.35 -0.60 0.00	15.93 -0.61 0.00	15.05 -0.72 -0.16	14.80 -0.71 -0.19	18.56 -0.86 -0.16	22.19 -0.81 -0.02	19.61 -0.79 0.00	21.85 -0.58 0.00	22.52 -0.64 0.00	19.96 -0.71 -0.03	19.20 -0.37 -0.01	18.20 -0.52 0.00	18.46 -0.53 0.00	19.70 -0.47 0.00	20.66 -0.56 0.00	20.79 -0.91 0.00	20.70 -0.87 0.00	23.59 -0.99 0.00	21.62 -0.85 -2.66	22.84 -0.99 -2.34	28.69 -1.15 0.00	24.52 -1.11 0.00	13.69 -0.54 -1.34
SENECA___ENERGY 23797	16.89 -0.18 0.00	16.75 -0.20 0.00	16.32 -0.21 0.00	15.48 -0.25 -0.12	15.25 -0.22 -0.15	19.16 -0.22 -0.13	22.88 -0.10 0.00	20.24 -0.16 0.00	22.25 -0.18 0.00	22.88 -0.27 0.00	20.40 -0.25 0.00	19.42 -0.15 0.00	18.48 -0.23 0.00	18.73 -0.26 0.00	19.94 -0.23 0.00	20.92 -0.30 0.00	21.34 -0.36 0.00	21.24 -0.33 0.00	24.32 -0.25 0.00	21.73 -0.19 -2.10	23.16 -0.18 -1.85	29.50 -0.34 0.00	25.26 -0.38 0.00	13.73 -0.22 -1.06
SHOEMAKER___GT 23640	17.84 0.76 0.00	17.69 0.73 0.00	17.24 0.70 0.00	17.12 0.70 -0.81	16.96 0.66 -0.98	20.88 0.80 -0.82	23.99 1.02 0.00	21.35 0.95 0.00	23.41 0.98 0.00	24.08 0.93 0.00	21.55 0.91 0.00	20.40 0.83 0.00	19.55 0.83 0.00	19.80 0.80 0.00	21.04 0.87 0.00	22.18 0.96 0.00	22.79 1.09 0.00	22.62 1.06 0.00	25.72 1.14 0.00	33.66 0.92 -12.92	33.88 1.02 -11.37	31.16 1.31 0.00	26.79 1.16 0.00	20.03 0.61 -6.53
SHOEMAKR_138KV_BK 111 55601	17.83 0.76 0.00	17.68 0.73 0.00	17.23 0.69 0.00	17.11 0.69 -0.81	16.95 0.65 -0.98	20.86 0.78 -0.82	23.98 1.00 0.00	21.34 0.94 0.00	23.42 0.98 0.00	24.09 0.94 0.00	21.57 0.93 0.00	20.42 0.85 0.00	19.56 0.84 0.00	19.81 0.82 0.00	21.06 0.89 0.00	22.20 0.98 0.00	22.81 1.11 0.00	22.63 1.06 0.00	25.72 1.15 0.00	33.57 0.92 -12.83	33.80 1.01 -11.29	31.16 1.32 0.00	26.79 1.15 0.00	19.99 0.61 -6.48
SHOREHAM_IC_1 23715	32.65 1.66 -13.92	20.93 1.55 -2.44	20.82 1.51 -2.77	19.47 1.53 -2.34	20.88 1.40 -4.15	31.42 1.67 -10.49	24.93 1.95 -0.01	21.99 1.59 0.00	24.32 1.89 0.00	24.83 1.68 0.00	22.24 1.59 0.00	21.00 1.43 0.00	20.10 1.39 0.00	20.46 1.47 0.00	21.82 1.65 0.00	24.07 1.85 -0.99	24.07 1.81 -0.56	23.66 2.09 0.00	26.80 2.23 0.00	110.23 1.85 -88.56	169.92 2.10 -146.32	32.64 2.40 -0.40	27.96 2.30 -0.02	24.14 1.28 -9.97
SHOREHAM_IC_2 23716	32.65 1.66 -13.92	20.93 1.55 -2.44	20.82 1.51 -2.77	19.47 1.53 -2.34	20.88 1.40 -4.15	31.42 1.67 -10.49	24.93 1.95 -0.01	21.99 1.59 0.00	24.32 1.89 0.00	24.83 1.68 0.00	22.24 1.59 0.00	21.00 1.43 0.00	20.10 1.39 0.00	20.46 1.47 0.00	21.82 1.65 0.00	24.07 1.85 -0.99	24.07 1.81 -0.56	23.66 2.09 0.00	26.80 2.23 0.00	110.23 1.85 -88.56	169.92 2.10 -146.32	32.64 2.40 -0.40	27.96 2.30 -0.02	24.14 1.28 -9.97
SISSONVILLE___ 23735	17.02 -0.06 0.00	16.88 -0.07 0.00	16.49 -0.05 0.00	15.54 -0.07 0.00	15.28 -0.04 0.00	19.24 -0.02 0.00	22.96 -0.02 0.00	20.39 -0.01 0.00	22.44 0.00 0.00	23.16 0.00 0.00	20.41 -0.24 0.00	19.28 -0.29 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.59 -0.59 0.00	20.55 -0.67 0.00	20.96 -0.74 0.00	20.68 -0.89 0.00	23.62 -0.95 0.00	19.15 -0.67 0.00	20.85 -0.65 0.00	29.17 -0.67 0.00	25.35 -0.29 0.00	12.67 -0.22 0.00

SITHE_IND_GS1 24169	16.47 -0.60 0.00	16.35 -0.60 0.00	15.93 -0.60 0.00	15.09 -0.59 -0.07	14.84 -0.57 -0.09	18.64 -0.70 -0.07	22.23 -0.75 0.00	19.70 -0.70 0.00	21.68 -0.76 0.00	22.33 -0.83 0.00	19.90 -0.75 0.00	18.91 -0.66 0.00	18.05 -0.66 0.00	18.30 -0.69 0.00	19.46 -0.71 0.00	20.45 -0.77 0.00	20.88 -0.82 0.00	20.77 -0.80 0.00	23.71 -0.86 0.00	20.38 -0.68 -1.25	21.86 -0.73 -1.10	28.82 -1.02 0.00	24.69 -0.94 0.00	13.03 -0.49 -0.63
SITHE_IND_GS2 24170	16.47 -0.60 0.00	16.35 -0.60 0.00	15.93 -0.60 0.00	15.09 -0.59 -0.07	14.84 -0.57 -0.09	18.64 -0.70 -0.07	22.23 -0.75 0.00	19.70 -0.70 0.00	21.68 -0.76 0.00	22.33 -0.83 0.00	19.90 -0.75 0.00	18.91 -0.66 0.00	18.05 -0.66 0.00	18.30 -0.69 0.00	19.46 -0.71 0.00	20.45 -0.77 0.00	20.88 -0.82 0.00	20.77 -0.80 0.00	23.71 -0.86 0.00	20.38 -0.68 -1.25	21.86 -0.73 -1.10	28.82 -1.02 0.00	24.69 -0.94 0.00	13.03 -0.49 -0.63
SITHE_IND_GS3 24171	16.47 -0.60 0.00	16.35 -0.60 0.00	15.93 -0.60 0.00	15.09 -0.59 -0.07	14.84 -0.57 -0.09	18.64 -0.70 -0.07	22.23 -0.75 0.00	19.70 -0.70 0.00	21.68 -0.76 0.00	22.33 -0.83 0.00	19.90 -0.75 0.00	18.91 -0.66 0.00	18.05 -0.66 0.00	18.30 -0.69 0.00	19.46 -0.71 0.00	20.45 -0.77 0.00	20.88 -0.82 0.00	20.77 -0.80 0.00	23.71 -0.86 0.00	20.38 -0.68 -1.25	21.86 -0.73 -1.10	28.82 -1.02 0.00	24.69 -0.94 0.00	13.03 -0.49 -0.63
SITHE_IND_GS4 24172	16.47 -0.60 0.00	16.35 -0.60 0.00	15.93 -0.60 0.00	15.09 -0.59 -0.07	14.84 -0.57 -0.09	18.64 -0.70 -0.07	22.23 -0.75 0.00	19.70 -0.70 0.00	21.68 -0.76 0.00	22.33 -0.83 0.00	19.90 -0.75 0.00	18.91 -0.66 0.00	18.05 -0.66 0.00	18.30 -0.69 0.00	19.46 -0.71 0.00	20.45 -0.77 0.00	20.88 -0.82 0.00	20.77 -0.80 0.00	23.71 -0.86 0.00	20.38 -0.68 -1.25	21.86 -0.73 -1.10	28.82 -1.02 0.00	24.69 -0.94 0.00	13.03 -0.49 -0.63
SITHE___BATAVIA 24024	16.91 -0.16 0.00	16.78 -0.17 0.00	16.35 -0.18 0.00	15.48 -0.25 -0.12	15.24 -0.23 -0.14	19.15 -0.23 -0.12	23.01 0.04 0.00	20.32 -0.08 0.00	22.41 -0.03 0.00	23.01 -0.14 0.00	20.35 -0.30 0.00	19.42 -0.14 0.00	18.44 -0.28 0.00	18.68 -0.31 0.00	19.88 -0.28 0.00	20.88 -0.34 0.00	21.11 -0.59 0.00	21.06 -0.51 0.00	24.18 -0.40 0.00	21.58 -0.24 -2.00	23.08 -0.17 -1.76	29.71 -0.14 0.00	25.35 -0.28 0.00	13.75 -0.15 -1.01
SITHE___INDEPEND 23800	16.47 -0.60 0.00	16.34 -0.61 0.00	15.93 -0.60 0.00	15.09 -0.59 -0.07	14.84 -0.57 -0.09	18.64 -0.70 -0.07	22.23 -0.75 0.00	19.70 -0.70 0.00	21.67 -0.76 0.00	22.32 -0.83 0.00	19.89 -0.75 0.00	18.91 -0.66 0.00	18.05 -0.66 0.00	18.30 -0.69 0.00	19.46 -0.71 0.00	20.45 -0.77 0.00	20.88 -0.82 0.00	20.78 -0.79 0.00	23.71 -0.86 0.00	20.39 -0.67 -1.25	21.86 -0.73 -1.10	28.82 -1.03 0.00	24.70 -0.94 0.00	13.03 -0.49 -0.63
SITHE___MASSENA 23902	16.98 -0.09 0.00	16.87 -0.09 0.00	16.47 -0.07 0.00	15.53 -0.08 0.00	15.25 -0.08 0.00	19.18 -0.08 0.00	22.84 -0.14 0.00	20.28 -0.12 0.00	22.35 -0.08 0.00	23.12 -0.03 0.00	20.44 -0.21 0.00	19.31 -0.26 0.00	18.51 -0.21 0.00	18.79 -0.20 0.00	19.87 -0.30 0.00	20.92 -0.30 0.00	21.35 -0.35 0.00	21.19 -0.38 0.00	24.13 -0.45 0.00	19.46 -0.36 0.00	21.12 -0.37 0.00	29.43 -0.42 0.00	25.36 -0.27 0.00	12.73 -0.16 0.00
SITHE___OGDNSBRG 24021	17.17 0.10 0.00	17.04 0.09 0.00	16.65 0.11 0.00	15.70 0.09 0.00	15.43 0.12 0.00	19.45 0.19 0.00	23.20 0.22 0.00	20.52 0.12 0.00	22.60 0.17 0.00	23.36 0.21 0.00	20.61 -0.04 0.00	19.46 -0.11 0.00	18.65 -0.06 0.00	18.93 -0.07 0.00	19.95 -0.22 0.00	20.97 -0.25 0.00	21.38 -0.33 0.00	21.19 -0.38 0.00	24.17 -0.40 0.00	19.56 -0.26 0.00	21.29 -0.21 0.00	29.70 -0.14 0.00	25.65 0.02 0.00	12.84 -0.05 0.00
SITHE___STERLING 23777	17.45 0.38 0.00	17.30 0.34 0.00	16.86 0.33 0.00	15.96 0.29 -0.06	15.71 0.31 -0.07	19.77 0.45 -0.06	23.62 0.64 0.00	20.81 0.41 0.00	22.87 0.44 0.00	23.52 0.37 0.00	20.95 0.31 0.00	19.87 0.31 0.00	18.97 0.25 0.00	19.23 0.23 0.00	20.45 0.27 0.00	21.50 0.28 0.00	21.97 0.27 0.00	21.88 0.31 0.00	25.04 0.47 0.00	21.28 0.46 -1.00	22.91 0.53 -0.88	30.60 0.76 0.00	26.15 0.52 0.00	13.57 0.17 -0.51
SLEIGHT__34_KV_TB1 80719	17.15 0.08 0.00	17.00 0.05 0.00	16.58 0.04 0.00	15.71 -0.02 -0.12	15.48 0.02 -0.14	19.48 0.10 -0.12	23.33 0.35 0.00	20.61 0.21 0.00	22.69 0.26 0.00	23.31 0.15 0.00	20.75 0.10 0.00	19.73 0.16 0.00	18.74 0.03 0.00	19.02 0.03 0.00	20.24 0.07 0.00	21.22 0.00 0.00	21.68 -0.02 0.00	21.55 -0.02 0.00	24.67 0.10 0.00	21.98 0.17 -1.99	23.41 0.17 -1.75	29.98 0.14 0.00	25.66 0.02 0.00	13.88 -0.02 -1.01
SOUTH CAIRO___GT 23612	18.18 1.10 0.00	18.10 1.14 0.00	17.68 1.14 0.00	17.71 1.08 -1.02	17.66 1.10 -1.23	21.73 1.44 -1.03	24.77 1.79 0.00	21.93 1.53 0.00	23.79 1.35 0.00	24.33 1.17 0.00	21.70 1.06 0.00	20.54 0.97 0.00	19.58 0.87 0.00	19.83 0.84 0.00	21.07 0.90 0.00	22.10 0.88 0.00	22.66 0.96 0.00	22.67 1.10 0.00	26.12 1.55 0.00	37.84 1.44 -16.58	37.71 1.61 -14.60	32.07 2.22 0.00	27.34 1.70 0.00	22.13 0.86 -8.38
SOUTH HAMPTN___IC 23720	32.52 1.92 -13.53	21.12 1.82 -2.34	20.98 1.78 -2.66	19.68 1.78 -2.29	21.02 1.67 -4.03	31.39 2.01 -10.12	25.35 2.37 -0.01	22.39 1.99 0.00	24.71 2.28 0.00	25.24 2.08 0.00	22.59 1.94 0.00	21.34 1.77 0.00	20.41 1.69 0.00	20.76 1.76 0.00	22.13 1.96 0.00	24.41 2.20 -0.99	24.47 2.21 -0.56	24.08 2.51 0.00	27.27 2.70 0.00	110.24 2.23 -88.19	169.97 2.52 -145.95	33.16 2.93 -0.38	28.39 2.74 -0.02	24.34 1.49 -9.97
SOUTHDOW__115KV_TB1 355954	17.27 0.20 0.00	17.14 0.18 0.00	16.65 0.12 0.00	15.69 -0.09 -0.17	15.44 -0.09 -0.20	19.42 -0.01 -0.17	23.28 0.29 -0.02	20.64 0.24 0.00	23.05 0.62 0.00	23.80 0.64 0.00	21.10 0.44 -0.02	20.30 0.72 0.00	19.22 0.51 0.00	19.50 0.50 0.00	20.78 0.61 0.00	21.81 0.59 0.00	21.91 0.21 0.00	21.76 0.19 0.00	24.79 0.22 0.00	22.76 0.12 -2.82	24.00 0.02 -2.48	30.12 0.27 0.00	25.49 -0.15 0.00	14.04 -0.28 -1.43
SOUTHOLD_69_KV_BK 2 55809	32.73 2.12 -13.53	21.33 2.04 -2.34	21.19 1.99 -2.67	19.88 1.99 -2.29	21.22 1.87 -4.03	31.66 2.28 -10.12	25.67 2.69 -0.01	22.73 2.33 0.00	25.01 2.58 0.00	25.52 2.37 0.00	22.84 2.19 0.00	21.56 1.99 0.00	20.61 1.89 0.00	20.94 1.94 0.00	22.33 2.15 0.00	24.62 2.41 -0.99	24.68 2.42 -0.56	24.33 2.76 0.00	27.60 3.02 0.00	110.44 2.43 -88.19	170.29 2.84 -145.96	33.55 3.33 -0.38	28.72 3.06 -0.02	24.50 1.64 -9.97
SOUTHOLD___IC 23719	32.73 2.12 -13.53	21.33 2.03 -2.34	21.19 1.99 -2.67	19.88 1.99 -2.29	21.22 1.87 -4.03	31.66 2.28 -10.12	25.67 2.69 -0.01	22.70 2.30 0.00	25.00 2.57 0.00	25.52 2.37 0.00	22.83 2.19 0.00	21.56 1.99 0.00	20.61 1.90 0.00	20.94 1.95 0.00	22.33 2.15 0.00	24.62 2.41 -0.99	24.71 2.45 -0.56	24.36 2.79 0.00	27.60 3.03 0.00	110.51 2.50 -88.19	170.29 2.84 -145.96	33.55 3.32 -0.38	28.72 3.06 -0.02	24.50 1.64 -9.97

SPIERFLS_115KV_TB 1 80737	17.79 0.71 0.00	17.77 0.81 0.00	17.35 0.81 0.00	17.52 0.79 -1.12	17.51 0.83 -1.36	21.47 1.07 -1.14	24.30 1.33 0.00	21.57 1.17 0.00	23.49 1.05 0.00	24.18 1.03 0.00	21.63 0.98 0.00	20.49 0.93 0.00	19.53 0.82 0.00	19.82 0.82 0.00	21.08 0.91 0.00	22.12 0.90 0.00	22.71 1.01 0.00	22.62 1.05 0.00	26.00 1.43 0.00	39.44 1.24 -18.38	39.06 1.39 -16.18	31.65 1.81 0.00	26.94 1.30 0.00	22.86 0.68 -9.29
ST LAWRENCE____ 23600	16.76 -0.32 0.00	16.64 -0.31 0.00	16.24 -0.29 0.00	15.32 -0.28 0.00	15.04 -0.28 0.00	18.91 -0.35 0.00	22.50 -0.47 0.00	20.01 -0.39 0.00	22.05 -0.38 0.00	22.82 -0.33 0.00	20.25 -0.40 0.00	19.16 -0.42 0.00	18.36 -0.36 0.00	18.65 -0.35 0.00	19.75 -0.42 0.00	20.80 -0.42 0.00	21.23 -0.47 0.00	21.10 -0.47 0.00	24.01 -0.56 0.00	19.35 -0.47 0.00	20.99 -0.50 0.00	29.22 -0.63 0.00	25.15 -0.49 0.00	12.63 -0.26 0.00
STATE_CA_115KV_115_LB 55624	17.76 0.69 0.00	17.68 0.73 0.00	17.26 0.73 0.00	17.41 0.71 -1.09	17.34 0.70 -1.32	21.22 0.86 -1.10	24.01 1.03 0.00	21.30 0.90 0.00	23.30 0.87 0.00	24.01 0.86 0.00	21.52 0.87 0.00	20.37 0.80 0.00	19.48 0.76 0.00	19.73 0.73 0.00	20.94 0.77 0.00	21.97 0.76 0.00	22.53 0.82 0.00	22.40 0.82 0.00	25.59 1.02 0.00	38.51 0.89 -17.80	38.12 0.95 -15.67	31.12 1.27 0.00	26.63 1.00 0.00	22.44 0.56 -8.99
STATE_ST_34_KV_LOAD 55959	17.09 0.01 0.00	16.95 -0.01 0.00	16.51 -0.03 0.00	15.68 -0.05 -0.12	15.44 -0.03 -0.15	19.41 0.02 -0.12	23.14 0.17 0.00	20.59 0.19 0.00	22.49 0.06 0.00	23.12 -0.03 0.00	20.61 -0.04 0.00	19.62 0.05 0.00	18.66 -0.05 0.00	18.97 -0.03 0.00	20.20 0.02 0.00	21.14 -0.08 0.00	21.67 -0.03 0.00	21.55 -0.02 0.00	24.65 0.08 0.00	22.01 0.10 -2.09	23.54 0.21 -1.83	29.89 0.04 0.00	25.67 0.03 0.00	13.93 -0.02 -1.05
STATION 5_MISC_HYD 23604	16.56 -0.52 0.00	16.43 -0.52 0.00	16.01 -0.53 0.00	15.16 -0.57 -0.12	14.91 -0.55 -0.14	18.73 -0.65 -0.12	22.41 -0.56 0.00	19.83 -0.57 0.00	21.90 -0.53 0.00	22.53 -0.63 0.00	20.00 -0.64 0.00	19.13 -0.44 0.00	18.16 -0.55 0.00	18.43 -0.56 0.00	19.64 -0.54 0.00	20.62 -0.60 0.00	20.87 -0.83 0.00	20.79 -0.78 0.00	23.76 -0.82 0.00	21.18 -0.64 -2.00	22.57 -0.67 -1.76	28.97 -0.87 0.00	24.77 -0.87 0.00	13.49 -0.41 -1.01
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.82 -0.25 0.00	16.68 -0.28 0.00	16.25 -0.29 0.00	15.40 -0.33 -0.12	15.16 -0.30 -0.14	19.07 -0.31 -0.12	22.80 -0.18 0.00	20.15 -0.25 0.00	22.23 -0.20 0.00	22.85 -0.30 0.00	20.31 -0.34 0.00	19.37 -0.19 0.00	18.43 -0.29 0.00	18.67 -0.33 0.00	19.88 -0.29 0.00	20.88 -0.34 0.00	21.22 -0.48 0.00	21.14 -0.43 0.00	24.19 -0.38 0.00	21.54 -0.28 -2.00	22.94 -0.31 -1.76	29.41 -0.43 0.00	25.15 -0.49 0.00	13.65 -0.25 -1.01
STA_56_34_KV_BUS2_REV_LBMP_B 345033	16.49 -0.59 0.00	16.36 -0.59 0.00	15.94 -0.60 0.00	15.10 -0.63 -0.12	14.84 -0.62 -0.14	18.65 -0.72 -0.12	22.32 -0.66 0.00	19.75 -0.65 0.00	21.81 -0.62 0.00	22.44 -0.71 0.00	19.92 -0.73 0.00	19.05 -0.52 0.00	18.10 -0.61 0.00	18.36 -0.63 0.00	19.56 -0.61 0.00	20.54 -0.68 0.00	20.81 -0.90 0.00	20.73 -0.84 0.00	23.69 -0.88 0.00	21.11 -0.69 -1.98	22.49 -0.74 -1.74	28.86 -0.99 0.00	24.69 -0.95 0.00	13.43 -0.46 -1.00
STA_56____34_KV_BUS2 355983	16.49 -0.59 0.00	16.36 -0.59 0.00	15.94 -0.60 0.00	15.10 -0.63 -0.12	14.84 -0.62 -0.14	18.65 -0.72 -0.12	22.32 -0.66 0.00	19.75 -0.65 0.00	21.81 -0.62 0.00	22.44 -0.71 0.00	19.92 -0.73 0.00	19.05 -0.52 0.00	18.10 -0.61 0.00	18.36 -0.63 0.00	19.56 -0.61 0.00	20.54 -0.68 0.00	20.81 -0.90 0.00	20.73 -0.84 0.00	23.69 -0.88 0.00	21.11 -0.69 -1.98	22.49 -0.74 -1.74	28.86 -0.99 0.00	24.69 -0.95 0.00	13.43 -0.46 -1.00
STA_67____115KV_BK2 355882	16.52 -0.55 0.00	16.39 -0.56 0.00	15.98 -0.56 0.00	15.13 -0.60 -0.12	14.87 -0.59 -0.14	18.69 -0.69 -0.12	22.36 -0.61 0.00	19.78 -0.62 0.00	21.85 -0.59 0.00	22.48 -0.68 0.00	19.95 -0.69 0.00	19.09 -0.48 0.00	18.13 -0.59 0.00	18.39 -0.60 0.00	19.59 -0.58 0.00	20.58 -0.64 0.00	20.83 -0.88 0.00	20.75 -0.82 0.00	23.71 -0.87 0.00	21.14 -0.67 -1.99	22.52 -0.73 -1.76	28.90 -0.95 0.00	24.72 -0.92 0.00	13.46 -0.44 -1.01
STA_7____115KV_9TRANS 80674	16.62 -0.45 0.00	16.49 -0.46 0.00	16.07 -0.46 0.00	15.21 -0.52 -0.12	14.97 -0.50 -0.14	18.81 -0.57 -0.12	22.51 -0.47 0.00	19.93 -0.48 0.00	21.98 -0.45 0.00	22.62 -0.53 0.00	20.07 -0.57 0.00	19.21 -0.36 0.00	18.24 -0.47 0.00	18.50 -0.49 0.00	19.72 -0.46 0.00	20.70 -0.52 0.00	20.96 -0.74 0.00	20.89 -0.68 0.00	23.87 -0.70 0.00	21.27 -0.54 -2.00	22.68 -0.57 -1.76	29.10 -0.74 0.00	24.88 -0.75 0.00	13.54 -0.36 -1.01
STA_82____115KV_TB1 80780	16.53 -0.55 0.00	16.40 -0.55 0.00	15.99 -0.55 0.00	15.13 -0.60 -0.12	14.88 -0.58 -0.14	18.70 -0.68 -0.12	22.37 -0.61 0.00	19.80 -0.60 0.00	21.85 -0.58 0.00	22.48 -0.67 0.00	19.95 -0.69 0.00	19.09 -0.48 0.00	18.13 -0.58 0.00	18.40 -0.60 0.00	19.60 -0.58 0.00	20.58 -0.64 0.00	20.83 -0.87 0.00	20.76 -0.82 0.00	23.72 -0.85 0.00	21.15 -0.67 -2.00	22.54 -0.71 -1.76	28.92 -0.93 0.00	24.72 -0.91 0.00	13.47 -0.43 -1.01
STEEL____WIND 323596	16.46 -0.61 0.00	16.35 -0.60 0.00	15.92 -0.62 0.00	15.04 -0.73 -0.16	14.79 -0.72 -0.19	18.55 -0.87 -0.16	22.18 -0.82 -0.02	19.60 -0.81 0.00	21.86 -0.58 0.00	22.50 -0.66 0.00	19.97 -0.71 -0.03	19.18 -0.40 -0.01	18.17 -0.55 0.00	18.44 -0.55 0.00	19.68 -0.49 0.00	20.64 -0.58 0.00	20.76 -0.94 0.00	20.68 -0.89 0.00	23.56 -1.01 0.00	21.58 -0.89 -2.66	22.83 -1.00 -2.34	28.67 -1.17 0.00	24.50 -1.13 0.00	13.69 -0.55 -1.34
STEPHTWN_115KV_BK_2 55603	17.81 0.73 0.00	17.71 0.75 0.00	17.30 0.76 0.00	17.41 0.73 -1.08	17.35 0.72 -1.30	21.27 0.92 -1.09	24.08 1.10 0.00	21.34 0.94 0.00	23.32 0.89 0.00	24.02 0.87 0.00	21.53 0.88 0.00	20.42 0.85 0.00	19.45 0.73 0.00	19.71 0.71 0.00	20.91 0.74 0.00	21.95 0.73 0.00	22.54 0.84 0.00	22.45 0.88 0.00	25.66 1.09 0.00	38.35 0.92 -17.61	38.03 1.04 -15.50	31.18 1.33 0.00	26.76 1.12 0.00	22.37 0.58 -8.90
STEBEN_REC_LFGE 323667	17.76 0.68 0.00	17.61 0.66 0.00	17.14 0.61 0.00	16.18 0.38 -0.19	15.94 0.39 -0.23	19.96 0.50 -0.19	23.73 0.75 0.00	20.78 0.37 0.00	23.14 0.71 0.00	23.93 0.78 0.00	21.29 0.64 -0.01	20.37 0.80 0.00	19.35 0.63 0.00	19.53 0.54 0.00	20.76 0.59 0.00	21.76 0.54 0.00	22.01 0.31 0.00	21.91 0.34 0.00	24.97 0.40 0.00	23.32 0.28 -3.22	24.48 0.15 -2.84	29.65 -0.19 0.00	25.19 -0.44 0.00	14.17 -0.35 -1.63
STONY____BROOK 24151	34.86 1.60 -16.19	21.42 1.49 -2.98	21.38 1.45 -3.39	19.71 1.47 -2.62	21.51 1.35 -4.84	33.49 1.59 -12.63	24.84 1.85 -0.01	21.91 1.51 0.00	24.23 1.80 0.00	24.75 1.60 0.00	22.17 1.52 0.00	20.93 1.37 0.00	20.04 1.32 0.00	20.42 1.43 0.00	21.82 1.65 0.00	24.08 1.87 -0.99	24.15 1.89 -0.56	23.62 2.05 0.00	26.74 2.17 0.00	112.31 1.79 -90.70	171.99 2.03 -148.46	32.64 2.31 -0.49	27.87 2.22 -0.02	24.09 1.23 -9.97

STURGEON_POOL_HYD 23609	18.05 0.97 0.00	17.87 0.92 0.00	17.40 0.86 0.00	17.36 0.86 -0.89	17.19 0.79 -1.08	21.10 0.94 -0.90	24.19 1.21 0.00	21.51 1.11 0.00	23.74 1.31 0.00	24.42 1.27 0.00	21.90 1.25 0.00	20.73 1.16 0.00	19.90 1.18 0.00	20.11 1.11 0.00	21.39 1.22 0.00	22.59 1.37 0.00	23.21 1.51 0.00	23.00 1.43 0.00	26.05 1.47 0.00	35.26 1.11 -14.33	35.32 1.22 -12.61	31.47 1.62 0.00	27.09 1.46 0.00	20.88 0.75 -7.24
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	17.92 0.85 0.00	17.77 0.82 0.00	17.31 0.77 0.00	17.22 0.78 -0.84	17.06 0.73 -1.01	20.98 0.87 -0.85	24.09 1.11 0.00	21.41 1.01 0.00	23.57 1.14 0.00	24.26 1.11 0.00	21.74 1.09 0.00	20.57 1.01 0.00	19.72 1.00 0.00	19.95 0.95 0.00	21.22 1.05 0.00	22.38 1.16 0.00	22.99 1.29 0.00	22.80 1.23 0.00	25.89 1.31 0.00	34.07 1.04 -13.21	34.24 1.12 -11.63	31.33 1.49 0.00	26.94 1.30 0.00	20.25 0.68 -6.67
SWANROAD_115KV_TB1 355699	15.78 -1.30 0.00	15.71 -1.24 0.00	15.32 -1.21 0.00	14.49 -1.27 -0.15	14.23 -1.26 -0.18	17.82 -1.59 -0.15	21.31 -1.67 0.00	18.86 -1.54 0.00	21.02 -1.41 0.00	21.61 -1.54 0.00	19.11 -1.53 0.01	18.42 -1.15 0.00	17.44 -1.28 0.00	17.70 -1.30 0.00	18.88 -1.29 0.00	19.81 -1.41 0.00	19.89 -1.81 0.00	19.84 -1.74 0.00	22.60 -1.97 0.00	20.65 -1.62 -2.45	21.84 -1.81 -2.16	27.60 -2.25 0.00	23.67 -1.97 0.00	13.22 -0.92 -1.24
SYNERGY___BIOGAS 323694	16.91 -0.16 0.00	16.78 -0.17 0.00	16.35 -0.18 0.00	15.48 -0.25 -0.12	15.24 -0.23 -0.14	19.15 -0.23 -0.12	23.01 0.04 0.00	20.32 -0.08 0.00	22.41 -0.03 0.00	23.01 -0.14 0.00	20.35 -0.30 0.00	19.42 -0.14 0.00	18.44 -0.28 0.00	18.68 -0.31 0.00	19.88 -0.28 0.00	20.88 -0.34 0.00	21.11 -0.59 0.00	21.06 -0.51 0.00	24.18 -0.40 0.00	21.58 -0.24 -2.00	23.08 -0.17 -1.76	29.71 -0.14 0.00	25.35 -0.28 0.00	13.75 -0.15 -1.01
SYRACUSE___ENERGY_ST1 323597	16.89 -0.19 0.00	16.75 -0.20 0.00	16.33 -0.21 0.00	15.49 -0.22 -0.10	15.24 -0.20 -0.12	19.16 -0.21 -0.10	22.83 -0.15 0.00	20.22 -0.18 0.00	22.24 -0.19 0.00	22.88 -0.27 0.00	20.42 -0.23 0.00	19.42 -0.15 0.00	18.52 -0.20 0.00	18.78 -0.22 0.00	19.98 -0.19 0.00	20.99 -0.23 0.00	21.45 -0.25 0.00	21.33 -0.24 0.00	24.37 -0.21 0.00	21.41 -0.15 -1.74	22.87 -0.15 -1.53	29.59 -0.25 0.00	25.35 -0.29 0.00	13.59 -0.18 -0.88
SYRACUSE___ENERGY_ST2 323598	16.89 -0.19 0.00	16.75 -0.20 0.00	16.33 -0.21 0.00	15.49 -0.22 -0.10	15.24 -0.20 -0.12	19.16 -0.21 -0.10	22.83 -0.15 0.00	20.22 -0.18 0.00	22.24 -0.19 0.00	22.88 -0.27 0.00	20.42 -0.23 0.00	19.42 -0.15 0.00	18.52 -0.20 0.00	18.78 -0.22 0.00	19.98 -0.19 0.00	20.99 -0.23 0.00	21.45 -0.25 0.00	21.33 -0.24 0.00	24.37 -0.21 0.00	21.41 -0.15 -1.74	22.87 -0.15 -1.53	29.59 -0.25 0.00	25.35 -0.29 0.00	13.59 -0.18 -0.88
SYRACUSE___POWER 24017	16.91 -0.16 0.00	16.77 -0.18 0.00	16.35 -0.19 0.00	15.51 -0.21 -0.11	15.26 -0.19 -0.13	19.18 -0.19 -0.11	22.86 -0.12 0.00	20.24 -0.16 0.00	22.26 -0.17 0.00	22.91 -0.25 0.00	20.42 -0.22 0.00	19.42 -0.15 0.00	18.53 -0.19 0.00	18.78 -0.21 0.00	19.98 -0.19 0.00	21.01 -0.22 0.00	21.45 -0.25 0.00	21.34 -0.23 0.00	24.37 -0.20 0.00	21.46 -0.14 -1.79	22.90 -0.16 -1.57	29.60 -0.24 0.00	25.35 -0.29 0.00	13.62 -0.18 -0.91
TALLMAN__138KV_BK151 55660	17.99 0.92 0.00	17.84 0.89 0.00	17.38 0.84 0.00	17.32 0.85 -0.86	17.15 0.79 -1.04	21.07 0.94 -0.87	24.18 1.20 0.00	21.52 1.12 0.00	23.68 1.25 0.00	24.39 1.24 0.00	21.88 1.23 0.00	20.69 1.13 0.00	19.85 1.13 0.00	20.08 1.08 0.00	21.37 1.20 0.00	22.53 1.32 0.00	23.17 1.47 0.00	22.96 1.39 0.00	26.04 1.47 0.00	34.55 1.15 -13.59	34.71 1.25 -11.96	31.47 1.63 0.00	27.07 1.44 0.00	20.50 0.75 -6.86
TEALLAVE_115KV_TB7 355573	16.80 -0.27 0.00	16.67 -0.28 0.00	16.24 -0.29 0.00	15.40 -0.30 -0.09	15.15 -0.28 -0.11	19.03 -0.32 -0.09	22.70 -0.28 0.00	20.10 -0.30 0.00	22.13 -0.30 0.00	22.78 -0.37 0.00	20.32 -0.33 0.00	19.32 -0.25 0.00	18.43 -0.28 0.00	18.69 -0.31 0.00	19.88 -0.29 0.00	20.90 -0.32 0.00	21.33 -0.37 0.00	21.23 -0.35 0.00	24.23 -0.34 0.00	21.10 -0.26 -1.54	22.56 -0.29 -1.35	29.43 -0.41 0.00	25.20 -0.44 0.00	13.42 -0.25 -0.78
TELGRAPH_34_KV_EAST 80808	16.22 -0.85 0.00	16.13 -0.82 0.00	15.72 -0.82 0.00	14.86 -0.89 -0.14	14.61 -0.88 -0.17	18.33 -1.07 -0.14	21.93 -1.04 0.01	19.40 -1.00 0.00	21.59 -0.84 0.00	22.16 -1.00 0.00	19.58 -1.06 0.01	18.87 -0.70 0.00	17.85 -0.86 0.00	18.11 -0.88 0.00	19.32 -0.86 0.00	20.25 -0.97 0.00	20.37 -1.33 0.00	20.33 -1.24 0.00	23.21 -1.36 0.00	21.12 -1.07 -2.38	22.37 -1.21 -2.09	28.41 -1.44 0.00	24.31 -1.32 0.00	13.48 -0.61 -1.20
TEMPLE___115KV_TB 2 55572	16.81 -0.26 0.00	16.68 -0.28 0.00	16.25 -0.29 0.00	15.40 -0.30 -0.09	15.16 -0.28 -0.11	19.05 -0.31 -0.09	22.72 -0.27 0.00	20.12 -0.28 0.00	22.14 -0.29 0.00	22.79 -0.36 0.00	20.33 -0.31 0.00	19.33 -0.24 0.00	18.44 -0.27 0.00	18.70 -0.29 0.00	19.89 -0.28 0.00	20.92 -0.30 0.00	21.35 -0.35 0.00	21.24 -0.33 0.00	24.25 -0.32 0.00	21.13 -0.25 -1.56	22.59 -0.28 -1.37	29.45 -0.40 0.00	25.21 -0.43 0.00	13.44 -0.24 -0.79
TIANA____69_KV_BK 1 55817	32.45 1.85 -13.53	21.04 1.75 -2.34	20.91 1.70 -2.67	19.61 1.71 -2.29	20.95 1.60 -4.03	31.30 1.92 -10.12	25.24 2.25 -0.01	22.30 1.90 0.00	24.61 2.18 0.00	25.13 1.98 0.00	22.50 1.85 0.00	21.25 1.68 0.00	20.33 1.61 0.00	20.68 1.69 0.00	22.05 1.88 0.00	24.32 2.11 -0.99	24.34 2.09 -0.56	23.94 2.37 0.00	27.14 2.57 0.00	110.09 2.08 -88.19	169.87 2.42 -145.96	33.03 2.80 -0.38	28.29 2.63 -0.02	24.29 1.43 -9.97
TILDEN___115KV_TB1 80814	16.91 -0.16 0.00	16.77 -0.18 0.00	16.35 -0.19 0.00	15.51 -0.21 -0.11	15.26 -0.19 -0.13	19.18 -0.19 -0.11	22.86 -0.12 0.00	20.24 -0.16 0.00	22.26 -0.17 0.00	22.91 -0.25 0.00	20.42 -0.22 0.00	19.42 -0.15 0.00	18.53 -0.19 0.00	18.78 -0.21 0.00	19.98 -0.19 0.00	21.01 -0.22 0.00	21.45 -0.25 0.00	21.34 -0.23 0.00	24.37 -0.20 0.00	21.46 -0.14 -1.79	22.90 -0.16 -1.57	29.60 -0.24 0.00	25.35 -0.29 0.00	13.62 -0.18 -0.91
TRIGEN___CC 323695	22.11 1.27 -3.77	18.14 1.19 0.00	17.68 1.14 0.00	17.81 1.16 -1.05	17.47 1.06 -1.08	21.41 1.25 -0.90	24.45 1.47 0.00	21.63 1.22 0.00	23.94 1.51 0.00	24.63 1.48 0.00	22.15 1.50 0.00	20.95 1.38 0.00	20.07 1.36 0.00	20.37 1.38 0.00	21.69 1.52 0.00	23.89 1.68 -0.99	23.99 1.73 -0.56	23.30 1.72 0.00	26.35 1.77 0.00	99.30 1.40 -78.08	158.18 1.59 -135.11	31.73 1.89 0.00	27.42 1.78 0.00	23.86 1.00 -9.97
TRINITY__115KV__ 4 BK 55933	17.70 0.63 0.00	17.62 0.67 0.00	17.21 0.67 0.00	17.35 0.66 -1.08	17.28 0.65 -1.31	21.15 0.79 -1.09	23.92 0.95 0.00	21.22 0.82 0.00	23.21 0.78 0.00	23.92 0.76 0.00	21.44 0.79 0.00	20.30 0.72 0.00	19.40 0.69 0.00	19.65 0.66 0.00	20.86 0.69 0.00	21.88 0.66 0.00	22.44 0.73 0.00	22.31 0.74 0.00	25.49 0.91 0.00	38.26 0.80 -17.64	37.89 0.87 -15.53	31.00 1.15 0.00	26.54 0.90 0.00	22.32 0.51 -8.92

UNION___PROCESSING_DRP 323587	16.53 -0.54 0.00	16.41 -0.55 0.00	15.99 -0.55 0.00	15.13 -0.59 -0.12	14.89 -0.58 -0.14	18.70 -0.68 -0.12	22.38 -0.59 0.00	19.80 -0.60 0.00	21.86 -0.57 0.00	22.49 -0.66 0.00	19.96 -0.69 0.00	19.09 -0.48 0.00	18.13 -0.58 0.00	18.40 -0.60 0.00	19.60 -0.58 0.00	20.58 -0.64 0.00	20.83 -0.87 0.00	20.76 -0.81 0.00	23.72 -0.85 0.00	21.16 -0.66 -2.00	22.55 -0.71 -1.76	28.92 -0.92 0.00	24.74 -0.89 0.00	13.47 -0.43 -1.01
UPPER HUDSON___HYD 24058	17.79 0.71 0.00	17.77 0.81 0.00	17.34 0.80 0.00	17.52 0.79 -1.12	17.51 0.83 -1.36	21.47 1.07 -1.14	24.30 1.33 0.00	21.56 1.16 0.00	23.49 1.05 0.00	24.18 1.03 0.00	21.63 0.98 0.00	20.49 0.93 0.00	19.53 0.82 0.00	19.82 0.82 0.00	21.08 0.91 0.00	22.12 0.90 0.00	22.71 1.01 0.00	22.63 1.06 0.00	26.00 1.43 0.00	39.45 1.25 -18.38	39.07 1.39 -16.18	31.65 1.81 0.00	26.94 1.30 0.00	22.86 0.68 -9.29
UPPER RAQUET___HYD 24056	17.02 -0.05 0.00	16.88 -0.07 0.00	16.49 -0.05 0.00	15.54 -0.07 0.00	15.28 -0.05 0.00	19.24 -0.02 0.00	22.96 -0.02 0.00	20.39 -0.01 0.00	22.44 0.00 0.00	23.16 0.00 0.00	20.42 -0.23 0.00	19.28 -0.29 0.00	18.45 -0.26 0.00	18.68 -0.31 0.00	19.58 -0.59 0.00	20.54 -0.67 0.00	20.96 -0.74 0.00	20.68 -0.89 0.00	23.62 -0.95 0.00	19.15 -0.67 0.00	20.85 -0.65 0.00	29.17 -0.67 0.00	25.35 -0.29 0.00	12.67 -0.22 0.00
VALLEY44_115KV_TB2 355964	17.25 0.17 0.00	17.14 0.19 0.00	16.68 0.14 0.00	15.76 -0.02 -0.17	15.53 -0.01 -0.21	19.47 0.04 -0.17	23.20 0.21 -0.01	20.47 0.07 0.00	22.70 0.27 0.00	23.42 0.27 0.00	20.82 0.16 -0.02	20.06 0.49 0.00	19.04 0.33 0.00	19.31 0.32 0.00	20.65 0.48 0.00	21.68 0.46 0.00	21.81 0.11 0.00	21.62 0.05 0.00	24.57 -0.01 0.00	22.62 -0.11 -2.92	23.82 -0.24 -2.57	29.71 -0.13 0.00	25.53 -0.11 0.00	14.25 -0.11 -1.48
VALLEY___115KV_TB 1-4 80826	17.22 0.15 0.00	17.14 0.18 0.00	16.71 0.17 0.00	15.79 0.18 0.00	15.52 0.20 0.00	19.54 0.28 0.00	23.37 0.40 0.00	20.62 0.22 0.00	22.62 0.19 0.00	23.24 0.09 0.00	20.79 0.14 0.00	19.71 0.14 0.00	18.79 0.08 0.00	19.02 0.03 0.00	20.17 0.00 0.00	21.14 -0.08 0.00	21.72 0.02 0.00	21.59 0.02 0.00	24.75 0.17 0.00	20.09 0.28 0.00	21.75 0.26 0.00	30.15 0.31 0.00	25.84 0.20 0.00	13.00 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.57 0.49 0.00	17.43 0.47 0.00	17.00 0.46 0.00	16.40 0.43 -0.35	16.17 0.43 -0.43	20.17 0.55 -0.36	23.73 0.75 0.00	21.13 0.73 0.00	23.12 0.69 0.00	23.79 0.64 0.00	21.24 0.59 0.00	20.14 0.57 0.00	19.25 0.54 0.00	19.53 0.54 0.00	20.77 0.60 0.00	21.86 0.64 0.00	22.38 0.68 0.00	22.28 0.71 0.00	25.39 0.82 0.00	26.38 0.62 -5.94	27.42 0.70 -5.23	30.71 0.87 0.00	26.36 0.72 0.00	16.25 0.36 -3.00
VISCHER___FERRY HYD 24020	17.71 0.64 0.00	17.63 0.68 0.00	17.23 0.69 0.00	17.38 0.68 -1.10	17.33 0.68 -1.33	21.21 0.83 -1.11	23.98 1.00 0.00	21.25 0.85 0.00	23.21 0.78 0.00	23.92 0.76 0.00	21.43 0.78 0.00	20.28 0.71 0.00	19.38 0.66 0.00	19.64 0.65 0.00	20.84 0.67 0.00	21.83 0.61 0.00	22.39 0.69 0.00	22.27 0.70 0.00	25.51 0.94 0.00	38.63 0.89 -17.93	38.25 0.97 -15.78	31.13 1.29 0.00	26.60 0.96 0.00	22.50 0.55 -9.06
V_A_10_SYNC_DSASP 323832	16.19 -0.89 0.00	16.07 -0.88 0.00	15.66 -0.87 0.00	14.82 -0.92 -0.13	14.56 -0.92 -0.16	18.26 -1.14 -0.13	21.83 -1.14 0.00	19.29 -1.11 0.00	21.42 -1.01 0.00	22.07 -1.09 0.00	19.56 -1.08 0.00	18.79 -0.78 0.00	17.82 -0.90 0.00	18.08 -0.92 0.00	19.29 -0.89 0.00	20.24 -0.98 0.00	20.39 -1.32 0.00	20.30 -1.27 0.00	23.14 -1.43 0.00	20.89 -1.16 -2.23	22.16 -1.29 -1.96	28.20 -1.64 0.00	24.17 -1.47 0.00	13.35 -0.67 -1.13
V_CMM_10_SYNC_DSASP 323787	16.84 -0.24 0.00	16.72 -0.24 0.00	16.32 -0.21 0.00	15.39 -0.21 0.00	15.11 -0.21 0.00	19.00 -0.26 0.00	22.60 -0.38 0.00	20.10 -0.30 0.00	22.15 -0.28 0.00	22.93 -0.23 0.00	20.34 -0.31 0.00	19.24 -0.33 0.00	18.44 -0.28 0.00	18.74 -0.26 0.00	19.85 -0.33 0.00	20.90 -0.32 0.00	21.33 -0.37 0.00	21.20 -0.37 0.00	24.12 -0.45 0.00	19.44 -0.38 0.00	21.09 -0.41 0.00	29.35 -0.50 0.00	25.26 -0.38 0.00	12.69 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	17.15 0.08 0.00	17.09 0.13 0.00	16.56 0.03 0.00	15.60 -0.01 0.00	15.34 0.01 0.00	19.28 0.02 0.00	23.12 0.14 0.00	20.77 0.37 0.00	22.84 0.40 0.00	23.46 0.30 0.00	20.55 -0.10 0.00	19.37 -0.20 0.00	18.60 -0.12 0.00	18.99 -0.01 0.00	20.17 0.00 0.00	21.26 0.04 0.00	21.80 0.09 0.00	21.67 0.10 0.00	24.89 0.32 0.00	20.11 0.30 0.00	21.88 0.39 0.00	30.36 0.52 0.00	25.97 0.33 0.00	13.06 0.17 0.00
V_E_10_SYNC_DSASP 323830	18.38 1.31 0.00	18.24 1.29 0.00	17.78 1.24 0.00	17.02 1.15 -0.27	16.83 1.18 -0.32	21.21 1.68 -0.27	25.19 2.21 0.00	22.09 1.69 0.00	24.09 1.66 0.00	24.47 1.32 0.00	21.73 1.08 0.00	20.60 1.03 0.00	19.63 0.92 0.00	19.86 0.87 0.00	21.09 0.92 0.00	22.13 0.91 0.00	22.71 1.01 0.00	22.77 1.20 0.00	26.31 1.74 0.00	25.85 1.55 -4.48	27.16 1.72 -3.95	32.10 2.26 0.00	27.09 1.46 0.00	15.73 0.57 -2.26
V_F_30_NSYNC___DSASP 323816	17.88 0.81 0.00	17.81 0.85 0.00	17.39 0.85 0.00	17.56 0.83 -1.12	17.51 0.83 -1.35	21.45 1.06 -1.13	24.29 1.31 0.00	21.53 1.13 0.00	23.50 1.06 0.00	24.18 1.02 0.00	21.64 0.99 0.00	20.50 0.93 0.00	19.57 0.85 0.00	19.83 0.84 0.00	21.07 0.90 0.00	22.12 0.90 0.00	22.70 0.99 0.00	22.60 1.03 0.00	25.90 1.33 0.00	39.31 1.17 -18.32	38.91 1.29 -16.13	31.54 1.70 0.00	26.94 1.31 0.00	22.83 0.68 -9.26
V_F_30_SYNC_DSASP 323786	17.76 0.69 0.00	17.68 0.73 0.00	17.26 0.73 0.00	17.41 0.71 -1.09	17.34 0.70 -1.32	21.22 0.86 -1.10	24.01 1.03 0.00	21.30 0.90 0.00	23.30 0.87 0.00	24.01 0.86 0.00	21.52 0.87 0.00	20.37 0.80 0.00	19.47 0.76 0.00	19.72 0.73 0.00	20.94 0.77 0.00	21.97 0.76 0.00	22.53 0.82 0.00	22.40 0.82 0.00	25.59 1.02 0.00	38.49 0.89 -17.79	38.10 0.95 -15.66	31.12 1.27 0.00	26.63 1.00 0.00	22.43 0.55 -8.99
V_XM_10_SYNC_DSASP 323789	17.15 0.08 0.00	17.09 0.13 0.00	16.56 0.03 0.00	15.60 -0.01 0.00	15.34 0.01 0.00	19.28 0.02 0.00	23.12 0.14 0.00	20.77 0.37 0.00	22.84 0.40 0.00	23.46 0.30 0.00	20.55 -0.10 0.00	19.37 -0.20 0.00	18.60 -0.12 0.00	18.99 -0.01 0.00	20.17 0.00 0.00	21.26 0.04 0.00	21.80 0.09 0.00	21.67 0.10 0.00	24.89 0.32 0.00	20.11 0.30 0.00	21.88 0.39 0.00	30.36 0.52 0.00	25.97 0.33 0.00	13.06 0.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.04 0.97 0.00	17.88 0.93 0.00	17.43 0.89 0.00	17.36 0.89 -0.87	17.20 0.83 -1.05	21.13 1.00 -0.88	24.24 1.27 0.00	21.58 1.18 0.00	23.76 1.32 0.00	24.46 1.31 0.00	21.94 1.29 0.00	20.75 1.19 0.00	19.90 1.19 0.00	20.13 1.14 0.00	21.43 1.26 0.00	22.60 1.38 0.00	23.23 1.53 0.00	23.03 1.46 0.00	26.12 1.54 0.00	34.70 1.21 -13.67	34.85 1.32 -12.03	31.57 1.73 0.00	27.15 1.51 0.00	20.58 0.78 -6.91

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.10 1.03 0.00	17.93 0.98 0.00	17.48 0.94 0.00	17.44 0.94 -0.90	17.28 0.87 -1.08	21.19 1.02 -0.90	24.28 1.30 0.00	21.62 1.22 0.00	23.85 1.41 0.00	24.58 1.43 0.00	22.04 1.40 0.00	20.86 1.29 0.00	20.02 1.31 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.51 0.00	23.35 1.65 0.00	23.12 1.55 0.00	26.18 1.61 0.00	35.24 1.23 -14.19	35.31 1.32 -12.49	31.59 1.75 0.00	27.21 1.57 0.00	20.87 0.81 -7.17
W50THST__13_KV_LOAD 356117	18.19 1.12 0.00	18.02 1.06 0.00	17.56 1.02 0.00	17.52 1.01 -0.90	17.34 0.94 -1.08	21.29 1.12 -0.90	24.41 1.43 0.00	21.75 1.35 0.00	24.00 1.57 0.00	24.75 1.60 0.00	22.20 1.56 0.00	21.00 1.43 0.00	20.17 1.45 0.00	20.40 1.41 0.00	21.70 1.53 0.00	22.88 1.66 0.00	23.52 1.81 0.00	23.28 1.71 0.00	26.35 1.77 0.00	35.36 1.35 -14.19	35.43 1.45 -12.49	31.75 1.91 0.00	27.34 1.71 0.00	20.94 0.87 -7.17
WADING RIVER_IC_1 23522	32.24 1.66 -13.51	20.84 1.55 -2.34	20.71 1.51 -2.66	19.42 1.53 -2.28	20.75 1.40 -4.03	31.03 1.67 -10.10	24.93 1.95 -0.01	22.00 1.60 0.00	24.32 1.89 0.00	24.85 1.69 0.00	22.25 1.61 0.00	21.02 1.45 0.00	20.12 1.40 0.00	20.48 1.48 0.00	21.82 1.65 0.00	24.07 1.86 -0.99	24.08 1.82 -0.56	23.68 2.11 0.00	26.82 2.25 0.00	109.85 1.86 -88.17	169.54 2.12 -145.93	32.64 2.41 -0.38	27.97 2.31 -0.02	24.14 1.28 -9.97
WADING RIVER_IC_2 23547	32.24 1.66 -13.51	20.84 1.55 -2.34	20.71 1.51 -2.66	19.42 1.53 -2.28	20.75 1.40 -4.03	31.03 1.67 -10.10	24.93 1.95 -0.01	22.00 1.60 0.00	24.32 1.89 0.00	24.85 1.69 0.00	22.25 1.61 0.00	21.02 1.45 0.00	20.12 1.40 0.00	20.48 1.48 0.00	21.82 1.65 0.00	24.07 1.86 -0.99	24.08 1.82 -0.56	23.68 2.11 0.00	26.82 2.25 0.00	109.85 1.86 -88.17	169.54 2.12 -145.93	32.64 2.41 -0.38	27.97 2.31 -0.02	24.14 1.28 -9.97
WADING RIVER_IC_3 23601	32.24 1.66 -13.51	20.84 1.55 -2.34	20.71 1.51 -2.66	19.42 1.53 -2.28	20.75 1.40 -4.03	31.03 1.67 -10.10	24.93 1.95 -0.01	22.00 1.60 0.00	24.32 1.89 0.00	24.85 1.69 0.00	22.25 1.61 0.00	21.02 1.45 0.00	20.12 1.40 0.00	20.48 1.48 0.00	21.82 1.65 0.00	24.07 1.86 -0.99	24.08 1.82 -0.56	23.68 2.11 0.00	26.82 2.25 0.00	109.85 1.86 -88.17	169.54 2.12 -145.93	32.64 2.41 -0.38	27.97 2.31 -0.02	24.14 1.28 -9.97
WALDENNY_12_KV_BK2 80841	16.41 -0.66 0.00	16.30 -0.65 0.00	15.88 -0.66 0.00	15.01 -0.76 -0.16	14.75 -0.76 -0.19	18.50 -0.92 -0.16	22.13 -0.86 -0.02	19.55 -0.85 0.00	21.81 -0.63 0.00	22.47 -0.69 0.00	19.92 -0.75 -0.02	19.16 -0.41 0.00	18.15 -0.57 0.00	18.41 -0.58 0.00	19.65 -0.52 0.00	20.61 -0.60 0.00	20.74 -0.97 0.00	20.65 -0.92 0.00	23.53 -1.04 0.00	21.55 -0.90 -2.63	22.77 -1.04 -2.32	28.62 -1.22 0.00	24.47 -1.17 0.00	13.66 -0.56 -1.33
WALDEN__HYDRO 24148	18.07 0.99 0.00	17.90 0.95 0.00	17.44 0.90 0.00	17.37 0.89 -0.87	17.22 0.85 -1.05	21.17 1.04 -0.88	24.30 1.33 0.00	21.61 1.21 0.00	23.72 1.28 0.00	24.37 1.22 0.00	21.81 1.17 0.00	20.63 1.07 0.00	19.79 1.07 0.00	20.01 1.01 0.00	21.27 1.10 0.00	22.44 1.23 0.00	23.06 1.36 0.00	22.89 1.32 0.00	26.01 1.44 0.00	34.70 1.18 -13.70	34.88 1.32 -12.06	31.60 1.76 0.00	27.17 1.53 0.00	20.60 0.79 -6.93
WARRENSBURG____ 23737	17.79 0.71 0.00	17.77 0.81 0.00	17.34 0.80 0.00	17.52 0.79 -1.12	17.51 0.83 -1.36	21.47 1.07 -1.14	24.30 1.33 0.00	21.56 1.16 0.00	23.49 1.05 0.00	24.18 1.03 0.00	21.63 0.98 0.00	20.49 0.93 0.00	19.53 0.82 0.00	19.82 0.82 0.00	21.08 0.91 0.00	22.12 0.90 0.00	22.71 1.01 0.00	22.63 1.06 0.00	26.00 1.43 0.00	39.45 1.25 -18.38	39.07 1.39 -16.18	31.65 1.81 0.00	26.94 1.30 0.00	22.86 0.68 -9.29
WATERSIDE____6 8 9 23538	18.07 1.00 0.00	17.89 0.94 0.00	17.44 0.91 0.00	17.40 0.90 -0.90	17.23 0.83 -1.08	21.15 0.98 -0.90	24.23 1.26 0.00	21.59 1.19 0.00	23.79 1.36 0.00	24.53 1.38 0.00	21.99 1.34 0.00	20.80 1.23 0.00	19.98 1.26 0.00	20.21 1.22 0.00	21.50 1.33 0.00	22.67 1.45 0.00	23.29 1.59 0.00	23.07 1.50 0.00	26.12 1.55 0.00	35.19 1.18 -14.19	35.27 1.28 -12.49	31.51 1.67 0.00	27.15 1.52 0.00	20.86 0.80 -7.17
WATKINRD_115KV_LN8_ILLION 55919	17.18 0.10 0.00	17.07 0.12 0.00	16.64 0.11 0.00	15.72 0.11 0.00	15.45 0.12 0.00	19.44 0.18 0.00	23.23 0.26 0.00	20.56 0.16 0.00	22.55 0.11 0.00	23.18 0.03 0.00	20.71 0.06 0.00	19.63 0.06 0.00	18.74 0.03 0.00	18.98 -0.01 0.00	20.14 -0.03 0.00	21.14 -0.09 0.00	21.69 -0.01 0.00	21.58 0.01 0.00	24.69 0.12 0.00	20.02 0.20 0.00	21.71 0.22 0.00	30.11 0.27 0.00	25.79 0.15 0.00	12.97 0.08 0.00
WATSON____69_KV_BK 1 55734	27.38 1.68 -8.63	19.67 1.55 -1.17	19.37 1.51 -1.33	18.79 1.52 -1.67	19.28 1.40 -2.55	26.45 1.68 -5.51	24.97 1.99 0.00	22.00 1.60 0.00	24.40 1.97 0.00	24.96 1.81 0.00	22.39 1.74 0.00	21.15 1.58 0.00	20.24 1.53 0.00	20.59 1.59 0.00	21.95 1.78 0.00	24.21 2.00 -0.99	24.28 2.02 -0.56	23.71 2.14 0.00	26.88 2.31 0.00	104.69 1.87 -83.00	163.93 2.15 -140.29	32.56 2.52 -0.19	28.02 2.38 -0.01	24.17 1.31 -9.97
WDELAWARE__HYD 323627	18.32 1.24 0.00	18.18 1.23 0.00	17.60 1.07 0.00	17.41 1.04 -0.76	17.25 1.00 -0.92	21.29 1.26 -0.77	24.58 1.60 0.00	21.73 1.33 0.00	24.10 1.67 0.00	24.72 1.57 0.00	21.96 1.31 0.00	20.77 1.21 0.00	20.06 1.35 0.00	20.13 1.14 0.00	20.85 0.68 0.00	22.19 0.97 0.00	22.63 0.93 0.00	22.65 1.08 0.00	25.80 1.23 0.00	33.52 1.04 -12.66	34.28 1.64 -11.14	32.05 2.20 0.00	27.41 1.77 0.00	20.25 0.96 -6.40
WEST BABYLON__IC 23714	23.60 1.59 -4.93	18.71 1.48 -0.28	18.28 1.43 -0.32	18.24 1.44 -1.20	18.08 1.33 -1.43	22.87 1.59 -2.01	24.85 1.88 0.00	21.92 1.52 0.00	24.31 1.88 0.00	24.91 1.76 0.00	22.35 1.71 0.00	21.13 1.56 0.00	20.21 1.50 0.00	20.55 1.55 0.00	21.90 1.73 0.00	24.15 1.93 -0.99	24.23 1.97 -0.56	23.62 2.05 0.00	26.76 2.19 0.00	100.26 1.77 -78.67	158.82 2.04 -135.29	32.29 2.40 -0.05	27.90 2.26 0.00	24.11 1.25 -9.97
WEST CANADA__HYD 24049	17.09 0.02 0.00	16.97 0.02 0.00	16.55 0.02 0.00	15.62 0.02 0.00	15.34 0.02 0.00	19.28 0.02 0.00	23.02 0.05 0.00	20.42 0.02 0.00	22.45 0.02 0.00	23.15 -0.01 0.00	20.66 0.01 0.00	19.59 0.02 0.00	18.72 0.00 0.00	19.00 0.00 0.00	20.17 0.00 0.00	21.22 0.00 0.00	21.70 0.00 0.00	21.57 0.00 0.00	24.60 0.02 0.00	19.85 0.04 0.00	21.53 0.04 0.00	29.90 0.06 0.00	25.64 0.00 0.00	12.89 0.00 0.00
WESTERN_NY_WIND 24143	16.42 -0.65 0.00	16.33 -0.62 0.00	15.90 -0.63 0.00	15.03 -0.72 -0.14	14.80 -0.70 -0.17	18.57 -0.84 -0.14	22.23 -0.74 0.01	19.65 -0.75 0.00	21.85 -0.58 0.00	22.32 -0.83 0.00	19.72 -0.92 0.01	18.99 -0.58 0.00	17.93 -0.78 0.00	18.19 -0.80 0.00	19.39 -0.78 0.00	20.31 -0.91 0.00	20.42 -1.28 0.00	20.43 -1.14 0.00	23.40 -1.17 0.00	21.36 -0.87 -2.42	22.66 -0.96 -2.13	28.81 -1.04 0.00	24.61 -1.02 0.00	13.65 -0.46 -1.22

WESTOVER___LESR 323668	17.30 0.22 0.00	17.15 0.19 0.00	16.70 0.17 0.00	16.00 0.11 -0.28	15.79 0.13 -0.34	19.74 0.20 -0.28	23.29 0.31 0.00	20.60 0.20 0.00	22.71 0.28 0.00	23.39 0.24 0.00	20.90 0.25 0.00	19.89 0.32 0.00	18.98 0.26 0.00	19.23 0.23 0.00	20.48 0.31 0.00	21.53 0.31 0.00	21.98 0.28 0.00	21.85 0.28 0.00	24.93 0.36 0.00	24.78 0.24 -4.72	25.88 0.23 -4.16	30.18 0.33 0.00	25.89 0.26 0.00	15.38 0.10 -2.39
WETHRSFD_WT_PWR 323626	16.54 -0.54 0.00	16.42 -0.53 0.00	15.99 -0.55 0.00	15.12 -0.66 -0.18	14.88 -0.66 -0.21	18.63 -0.81 -0.18	22.17 -0.81 -0.01	19.56 -0.83 0.00	21.76 -0.67 0.00	22.47 -0.68 0.00	20.02 -0.64 -0.01	19.24 -0.34 0.00	18.26 -0.46 0.00	18.50 -0.50 0.00	19.73 -0.44 0.00	20.70 -0.52 0.00	20.88 -0.82 0.00	20.77 -0.80 0.00	23.64 -0.93 0.00	21.92 -0.87 -2.98	23.09 -1.03 -2.62	28.54 -1.30 0.00	24.30 -1.33 0.00	13.67 -0.73 -1.51
WHAVSTOR_138KV_BK127 55557	17.98 0.91 0.00	17.83 0.87 0.00	17.37 0.83 0.00	17.31 0.83 -0.87	17.15 0.78 -1.05	21.06 0.92 -0.88	24.16 1.18 0.00	21.49 1.09 0.00	23.66 1.23 0.00	24.36 1.21 0.00	21.85 1.20 0.00	20.67 1.10 0.00	19.82 1.11 0.00	20.05 1.06 0.00	21.34 1.17 0.00	22.50 1.28 0.00	23.12 1.42 0.00	22.92 1.36 0.00	26.00 1.43 0.00	34.62 1.12 -13.69	34.76 1.22 -12.05	31.43 1.59 0.00	27.04 1.40 0.00	20.54 0.73 -6.92
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	17.98 0.91 0.00	17.83 0.87 0.00	17.37 0.83 0.00	17.31 0.83 -0.87	17.15 0.78 -1.05	21.06 0.92 -0.88	24.16 1.18 0.00	21.49 1.09 0.00	23.66 1.23 0.00	24.36 1.21 0.00	21.85 1.20 0.00	20.67 1.10 0.00	19.82 1.11 0.00	20.05 1.06 0.00	21.34 1.17 0.00	22.50 1.28 0.00	23.12 1.42 0.00	22.92 1.36 0.00	26.00 1.43 0.00	34.62 1.12 -13.69	34.76 1.22 -12.05	31.43 1.59 0.00	27.04 1.40 0.00	20.54 0.73 -6.92
WHITEHAL_115KV_TB1 80871	18.23 1.16 0.00	18.22 1.27 0.00	17.80 1.27 0.00	17.97 1.24 -1.12	18.02 1.34 -1.35	22.10 1.71 -1.13	24.96 1.98 0.00	22.09 1.69 0.00	23.91 1.48 0.00	24.65 1.49 0.00	22.19 1.54 0.00	21.11 1.54 0.00	20.05 1.34 0.00	20.42 1.42 0.00	21.82 1.65 0.00	22.84 1.62 0.00	23.43 1.73 0.00	23.28 1.71 0.00	26.96 2.39 0.00	40.15 1.98 -18.36	39.88 2.23 -16.16	32.80 2.95 0.00	27.67 2.03 0.00	23.26 1.09 -9.28
WHITEPLN_13_KV_LOAD 356215	18.19 1.12 0.00	17.99 1.04 0.00	17.53 0.99 0.00	17.51 1.01 -0.90	17.36 0.95 -1.08	21.31 1.15 -0.90	24.43 1.46 0.00	21.70 1.30 0.00	23.99 1.56 0.00	24.71 1.56 0.00	22.16 1.52 0.00	20.97 1.40 0.00	20.11 1.39 0.00	20.35 1.36 0.00	21.65 1.48 0.00	22.83 1.61 0.00	23.47 1.76 0.00	23.25 1.68 0.00	26.36 1.79 0.00	35.40 1.42 -14.16	35.45 1.49 -12.47	31.86 2.01 0.00	27.37 1.74 0.00	20.95 0.90 -7.16
WM_FLOYD_69_KV_BK2 356380	32.38 1.65 -13.66	20.86 1.53 -2.37	20.73 1.50 -2.70	19.42 1.51 -2.30	20.78 1.39 -4.07	31.15 1.65 -10.24	24.92 1.93 -0.01	21.97 1.57 0.00	24.30 1.87 0.00	24.82 1.66 0.00	22.22 1.57 0.00	20.98 1.41 0.00	20.08 1.36 0.00	20.44 1.44 0.00	21.80 1.63 0.00	24.06 1.84 -0.99	24.08 1.82 -0.56	23.62 2.05 0.00	26.77 2.20 0.00	109.92 1.79 -88.31	169.64 2.07 -146.07	32.62 2.39 -0.39	27.95 2.29 -0.02	24.13 1.28 -9.97
WOODARD__115KV_TB2 355635	16.76 -0.31 0.00	16.63 -0.32 0.00	16.20 -0.33 0.00	15.36 -0.34 -0.09	15.12 -0.32 -0.11	18.99 -0.36 -0.09	22.64 -0.33 0.00	20.05 -0.35 0.00	22.07 -0.36 0.00	22.72 -0.43 0.00	20.26 -0.38 0.00	19.27 -0.30 0.00	18.38 -0.33 0.00	18.64 -0.35 0.00	19.82 -0.35 0.00	20.84 -0.38 0.00	21.28 -0.42 0.00	21.17 -0.40 0.00	24.18 -0.40 0.00	21.07 -0.30 -1.56	22.53 -0.34 -1.37	29.36 -0.48 0.00	25.14 -0.50 0.00	13.40 -0.27 -0.79
YORK___WARBASSE 23770	18.14 1.07 0.00	17.92 0.96 0.00	17.45 0.91 0.00	17.41 0.90 -0.90	17.24 0.84 -1.08	21.17 1.00 -0.90	24.27 1.29 0.00	21.62 1.22 0.00	23.81 1.38 0.00	24.57 1.42 0.00	22.03 1.39 0.00	20.84 1.27 0.00	20.02 1.30 0.00	20.26 1.26 0.00	21.55 1.38 0.00	22.73 1.50 0.00	23.35 1.65 0.00	23.14 1.57 0.00	26.18 1.61 0.00	35.26 1.25 -14.19	35.33 1.35 -12.49	31.62 1.78 0.00	27.24 1.60 0.00	20.90 0.84 -7.17