

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/02/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	16.53	14.68	15.38	15.45	16.03	14.55	20.54	25.43	26.12	23.74	20.61	19.82	23.55	21.19	20.66	22.30	23.99	32.85	33.39	31.36	27.91	25.57	25.12	24.03
24138	1.00	0.90	0.57	0.35	0.02	0.35	0.93	0.98	0.94	0.98	0.94	0.96	0.99	1.03	1.10	1.25	1.25	1.79	1.88	1.87	1.60	1.37	1.32	1.13
	0.00	0.00	-5.23	-9.11	-15.68	-8.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	16.53	14.68	15.38	15.46	16.03	14.55	20.55	25.44	26.14	23.73	20.59	19.81	23.53	21.17	20.65	22.29	23.97	32.84	33.39	31.37	27.93	25.59	25.14	24.06
24260	1.00	0.90	0.58	0.35	0.02	0.36	0.94	1.00	0.95	0.97	0.92	0.94	0.97	1.00	1.09	1.24	1.24	1.78	1.88	1.88	1.62	1.38	1.33	1.16
	0.00	0.00	-5.23	-9.11	-15.68	-8.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	16.53	14.68	15.38	15.46	16.03	14.55	20.55	25.44	26.14	23.73	20.59	19.81	23.53	21.17	20.65	22.29	23.97	32.84	33.39	31.37	27.93	25.59	25.14	24.06
24261	1.00	0.90	0.58	0.35	0.02	0.36	0.94	1.00	0.95	0.97	0.92	0.94	0.97	1.00	1.09	1.24	1.24	1.78	1.88	1.88	1.62	1.38	1.33	1.16
	0.00	0.00	-5.23	-9.11	-15.68	-8.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	16.43	14.60	17.13	18.50	21.23	17.36	20.83	25.74	26.34	23.72	20.40	19.59	23.36	20.82	20.26	21.90	23.95	33.13	34.06	31.96	28.48	26.06	25.55	24.37
24011	0.90	0.81	0.59	0.38	0.02	0.38	1.22	1.29	1.16	0.96	0.73	0.73	0.80	0.66	0.70	0.92	1.29	2.08	2.55	2.48	2.17	1.85	1.75	1.47
	0.00	0.00	-6.96	-12.13	-20.88	-11.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	16.51	14.68	17.17	18.53	21.24	17.39	20.94	25.86	26.46	23.82	20.53	19.71	23.54	20.97	20.39	22.04	24.20	33.49	34.48	32.36	28.81	26.32	25.79	24.58
23798	0.99	0.89	0.63	0.39	0.02	0.41	1.33	1.41	1.28	1.07	0.86	0.85	0.97	0.81	0.84	1.06	1.53	2.44	2.97	2.88	2.50	2.12	1.99	1.68
	0.00	0.00	-6.97	-12.14	-20.89	-11.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	16.43	14.60	17.13	18.50	21.23	17.36	20.83	25.74	26.34	23.72	20.40	19.59	23.36	20.82	20.26	21.90	23.95	33.13	34.06	31.96	28.48	26.06	25.55	24.37
24028	0.90	0.81	0.59	0.38	0.02	0.38	1.22	1.29	1.16	0.96	0.73	0.73	0.80	0.66	0.70	0.92	1.29	2.08	2.55	2.48	2.17	1.85	1.75	1.47
	0.00	0.00	-6.96	-12.13	-20.88	-11.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	16.23	14.44	16.74	17.94	20.37	16.81	20.43	25.09	25.53	22.97	19.92	19.09	22.65	20.33	19.75	21.31	23.08	31.94	32.66	30.69	27.36	24.96	24.58	23.44
23527	0.70	0.65	0.48	0.31	0.02	0.29	0.82	0.65	0.35	0.22	0.25	0.22	0.09	0.17	0.19	0.37	0.45	0.88	1.15	1.20	1.05	0.76	0.78	0.54
	0.00	0.00	-6.68	-11.63	-20.02	-10.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	15.75	14.01	16.44	17.78	20.46	16.67	19.77	24.39	24.94	22.51	19.50	18.71	22.24	19.94	19.37	20.90	22.64	31.17	31.75	29.82	26.57	24.31	23.90	22.85
24190	0.22	0.23	0.15	0.09	0.01	0.10	0.16	-0.05	-0.25	-0.24	-0.17	-0.16	-0.32	-0.23	-0.18	-0.08	-0.03	0.11	0.24	0.33	0.26	0.10	0.10	-0.05
	0.00	0.00	-6.71	-11.69	-20.12	-10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	15.48	13.74	9.54	5.97	0.33	5.79	19.50	24.33	25.19	22.72	19.65	18.82	22.59	20.07	19.49	20.81	22.39	30.61	30.98	28.89	25.82	23.80	23.33	22.51
355683	-0.04	-0.05	-0.04	-0.03	0.00	-0.04	-0.11	-0.11	0.00	-0.04	-0.02	-0.04	0.03	-0.09	-0.06	-0.21	-0.31	-0.45	-0.53	-0.60	-0.49	-0.40	-0.47	-0.39
	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	15.75	14.01	16.44	17.78	20.46	16.67	19.77	24.39	24.94	22.51	19.50	18.71	22.24	19.94	19.37	20.90	22.64	31.17	31.75	29.82	26.57	24.31	23.90	22.85
23571	0.22	0.23	0.15	0.09	0.01	0.10	0.16	-0.05	-0.25	-0.24	-0.17	-0.16	-0.32	-0.23	-0.18	-0.08	-0.03	0.11	0.24	0.33	0.26	0.10	0.10	-0.05
	0.00	0.00	-6.71	-11.69	-20.12	-10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	15.75	14.01	16.44	17.78	20.46	16.67	19.77	24.39	24.94	22.51	19.50	18.71	22.24	19.94	19.37	20.90	22.64	31.17	31.75	29.82	26.57	24.31	23.90	22.85
23572	0.22	0.23	0.15	0.09	0.01	0.10	0.16	-0.05	-0.25	-0.24	-0.17	-0.16	-0.32	-0.23	-0.18	-0.08	-0.03	0.11	0.24	0.33	0.26	0.10	0.10	-0.05
	0.00	0.00	-6.71	-11.69	-20.12	-10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	15.75	14.01	16.44	17.78	20.46	16.67	19.77	24.39	24.94	22.51	19.50	18.71	22.24	19.94	19.37	20.90	22.64	31.17	31.75	29.82	26.57	24.31	23.90	22.85
23573	0.22	0.23	0.15	0.09	0.01	0.10	0.16	-0.05	-0.25	-0.24	-0.17	-0.16	-0.32	-0.23	-0.18	-0.08	-0.03	0.11	0.24	0.33	0.26	0.10	0.10	-0.05
	0.00	0.00	-6.71	-11.69	-20.12	-10.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	15.75 0.22 0.00	14.01 0.23 0.00	16.44 0.15 -6.71	17.78 0.09 -11.69	20.46 0.01 -20.12	16.67 0.10 -10.74	19.77 0.16 0.00	24.39 -0.05 0.00	24.94 -0.25 0.00	22.51 -0.24 0.00	19.50 -0.17 0.00	18.71 -0.16 0.00	22.24 -0.32 0.00	19.94 -0.23 0.00	19.37 -0.18 0.00	20.90 -0.08 0.03	22.64 -0.03 0.03	31.17 0.11 0.00	31.75 0.24 0.00	29.82 0.33 0.00	26.57 0.26 0.00	24.31 0.10 0.00	23.90 0.10 0.00	22.85 -0.05 0.00
ALBANY___LFGE 323615	15.90 0.37 0.00	14.14 0.36 0.00	16.60 0.25 -6.78	17.97 0.15 -11.81	20.67 0.01 -20.33	16.84 0.16 -10.86	19.96 0.35 0.00	24.64 0.19 0.00	25.19 0.00 0.00	22.74 -0.02 0.00	19.70 0.02 0.00	18.90 0.03 0.00	22.47 -0.09 0.00	20.14 -0.02 0.00	19.59 0.04 0.00	21.15 0.16 0.04	22.91 0.24 0.04	31.55 0.49 0.00	32.14 0.63 0.00	30.17 0.68 0.00	26.89 0.58 0.00	24.60 0.39 0.00	24.18 0.37 0.00	23.11 0.21 0.00
ALCOA_PA_115KV_PL-6C 55860	15.59 0.06 0.00	13.85 0.06 0.00	9.62 0.04 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.83 0.01 0.00	19.65 0.05 0.00	24.53 0.09 0.00	25.40 0.21 0.00	22.91 0.15 0.00	19.82 0.15 0.00	18.99 0.13 0.00	22.78 0.22 0.00	20.17 0.01 0.00	19.60 0.04 0.00	20.90 -0.12 0.00	22.49 -0.21 0.00	30.77 -0.29 0.00	31.14 -0.37 0.00	29.03 -0.46 0.00	25.95 -0.36 0.00	23.91 -0.30 0.00	23.42 -0.38 0.00	22.68 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	15.59 0.06 0.00	13.85 0.06 0.00	9.62 0.04 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.83 0.01 0.00	19.65 0.05 0.00	24.53 0.09 0.00	25.40 0.21 0.00	22.91 0.15 0.00	19.82 0.15 0.00	18.99 0.13 0.00	22.78 0.22 0.00	20.17 0.01 0.00	19.60 0.04 0.00	20.90 -0.12 0.00	22.49 -0.21 0.00	30.77 -0.29 0.00	31.14 -0.37 0.00	29.03 -0.46 0.00	25.95 -0.36 0.00	23.91 -0.30 0.00	23.42 -0.38 0.00	22.68 -0.22 0.00
ALCOA___DSASP 323711	15.59 0.06 0.00	13.85 0.06 0.00	9.62 0.04 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.83 0.01 0.00	19.65 0.05 0.00	24.53 0.09 0.00	25.40 0.21 0.00	22.91 0.15 0.00	19.82 0.15 0.00	19.00 0.13 0.00	22.78 0.22 0.00	20.17 0.01 0.00	19.60 0.04 0.00	20.90 -0.12 0.00	22.49 -0.21 0.00	30.77 -0.29 0.00	31.14 -0.37 0.00	29.03 -0.46 0.00	25.95 -0.36 0.00	23.91 -0.30 0.00	23.42 -0.38 0.00	22.68 -0.22 0.00
ALLEGHENY___COGEN 23514	15.40 -0.13 0.00	13.68 -0.11 0.00	10.32 -0.10 -0.84	7.45 -0.02 -1.47	2.85 0.00 -2.52	7.17 -0.01 -1.35	19.64 0.03 0.00	24.55 0.11 0.00	25.40 0.22 0.00	22.67 -0.08 0.00	19.44 -0.24 0.00	18.65 -0.21 0.00	22.66 0.09 0.00	20.35 0.19 0.00	19.72 0.16 0.00	21.48 0.46 0.00	23.45 0.75 0.00	32.35 1.30 0.00	32.77 1.26 0.00	30.61 1.08 -0.04	27.26 0.95 0.00	25.24 1.04 0.00	24.65 0.85 0.00	23.79 0.89 0.00
ALTAMONT_115KV_TB 2 55880	15.96 0.43 0.00	14.19 0.40 0.00	16.58 0.29 -6.71	17.87 0.18 -11.69	20.46 0.01 -20.12	16.75 0.18 -10.74	20.06 0.45 0.00	24.79 0.35 0.00	25.39 0.21 0.00	22.92 0.17 0.00	19.83 0.16 0.00	19.03 0.16 0.00	22.63 0.07 0.00	20.26 0.10 0.00	19.69 0.13 0.00	21.24 0.24 0.02	22.98 0.31 0.02	31.62 0.56 0.00	32.21 0.70 0.00	30.23 0.74 0.00	26.95 0.63 0.00	24.68 0.47 0.00	24.26 0.46 0.00	23.23 0.33 0.00
ALTONA_WT_PWR 323606	15.69 0.16 0.00	13.90 0.11 0.00	9.64 0.07 0.00	6.00 0.00 0.00	0.33 0.00 0.00	5.77 -0.05 0.00	19.40 -0.21 0.00	24.20 -0.25 0.00	25.29 0.10 0.00	22.86 0.11 0.00	19.75 0.07 0.00	18.89 0.03 0.00	22.85 0.28 0.00	20.21 0.05 0.00	19.73 0.18 0.00	20.96 -0.06 0.00	22.26 -0.44 0.00	30.71 -0.35 0.00	31.10 -0.41 0.00	28.45 -1.04 0.00	25.35 -0.97 0.00	16.01 -1.07 7.12	22.68 -1.12 0.00	21.91 -0.99 0.00
AMERICAN_REF_FUEL 24010	14.33 -1.19 0.00	12.80 -0.99 0.00	9.63 -0.71 -0.76	6.95 -0.37 -1.32	2.59 -0.02 -2.28	6.69 -0.35 -1.22	18.37 -1.24 0.00	22.92 -1.52 0.00	23.93 -1.25 0.00	21.73 -1.03 0.00	18.51 -1.17 0.00	17.77 -1.10 0.00	21.68 -0.89 0.00	19.47 -0.69 0.00	18.90 -0.66 0.00	20.64 -0.38 0.00	22.28 -0.43 0.00	29.72 -1.34 0.00	29.87 -1.64 0.00	27.99 -1.49 0.01	25.06 -1.26 0.00	23.31 -0.89 0.00	22.87 -0.94 0.00	22.29 -0.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.56 -0.96 0.00	12.93 -0.86 0.00	9.81 -0.63 -0.86	7.18 -0.31 -1.49	2.89 -0.02 -2.57	6.93 -0.27 -1.37	18.77 -0.84 0.00	23.45 -1.00 0.00	24.59 -0.59 0.00	22.51 -0.25 0.00	19.38 -0.29 0.00	18.66 -0.20 0.00	22.71 0.15 0.00	20.29 0.13 0.00	19.45 -0.11 0.00	21.24 0.22 0.00	23.13 0.43 0.00	30.92 -0.13 0.00	30.61 -0.90 0.00	28.49 -0.99 0.01	25.47 -0.85 0.00	24.41 0.20 0.00	23.74 -0.06 0.00	22.91 0.01 0.00
ARTHUR_KILL_GT_1 23520	-38.66 0.84 55.03	-488.95 0.75 503.49	-71.54 0.47 81.59	-13.86 0.28 20.14	16.02 0.02 -15.67	14.48 0.29 -8.36	19.34 0.73 1.00	-63.93 0.83 89.20	-258.73 0.76 284.67	-122.73 0.78 146.27	-222.82 0.72 243.21	-6.26 0.74 25.86	23.26 0.70 0.00	20.95 0.78 0.00	793.13 0.85 -772.73	-88.21 1.00 110.22	23.75 1.01 -0.03	32.14 1.41 0.32	32.87 1.52 0.16	27.90 1.53 3.12	-48.54 1.33 76.19	22.78 1.10 2.52	24.05 1.07 0.81	23.84 0.94 0.01
ARTHUR_KILL_2 23512	-38.69 0.81 55.03	-488.98 0.72 503.49	-71.56 0.45 81.59	-13.87 0.27 20.14	16.02 0.02 -15.67	14.46 0.27 -8.36	19.29 0.68 1.00	-63.99 0.77 89.20	-258.79 0.70 284.67	-122.79 0.73 146.27	-222.87 0.67 243.21	-6.30 0.70 25.86	23.20 0.65 0.00	20.90 0.73 0.00	793.08 0.80 -772.73	-88.27 0.93 110.22	23.68 0.94 -0.03	32.05 1.32 0.32	32.77 1.42 0.16	27.81 1.44 3.12	-48.62 1.25 76.19	22.70 1.02 2.52	23.98 0.99 0.81	23.77 0.87 0.01
ARTHUR_KILL_3 23513	-38.67 0.83 55.03	-488.96 0.74 503.48	-71.53 0.47 81.58	-13.85 0.28 20.13	16.02 0.02 -15.68	14.49 0.30 -8.37	19.36 0.74 0.99	-64.01 0.75 89.20	-258.80 0.69 284.67	-122.81 0.71 146.27	-222.86 0.68 243.20	-6.29 0.70 25.86	23.28 0.71 0.00	20.95 0.79 0.00	793.14 0.85 -772.73	-88.25 0.95 110.22	23.66 0.93 -0.03	32.09 1.35 0.32	32.81 1.47 0.17	27.87 1.50 3.12	-48.59 1.28 76.18	22.76 1.07 2.52	24.04 1.05 0.81	23.82 0.92 0.00
ARTHUR_KILL_COGEN 323718	-38.66 0.84 55.03	-488.95 0.75 503.49	-71.54 0.47 81.59	-13.86 0.28 20.14	16.02 0.02 -15.67	14.48 0.29 -8.36	19.34 0.73 1.00	-63.93 0.83 89.20	-258.73 0.76 284.67	-122.73 0.78 146.27	-222.82 0.72 243.21	-6.26 0.74 25.86	23.26 0.70 0.00	20.95 0.78 0.00	793.13 0.85 -772.73	-88.21 1.00 110.22	23.75 1.01 -0.03	32.14 1.41 0.32	32.87 1.52 0.16	27.90 1.53 3.12	-48.54 1.33 76.19	22.78 1.10 2.52	24.05 1.07 0.81	23.84 0.94 0.01
ASHOKAN____ 23654	16.14 0.61 0.00	14.32 0.53 0.00	15.80 0.30 -5.92	16.50 0.18 -10.32	18.10 0.01 -17.75	15.52 0.21 -9.48	20.18 0.57 0.00	24.99 0.55 0.00	25.55 0.36 0.00	23.02 0.27 0.00	19.85 0.17 0.00	19.03 0.16 0.00	22.61 0.05 0.00	20.36 0.20 0.00	19.76 0.21 0.00	21.36 0.34 0.00	23.23 0.53 0.00	32.11 1.05 0.00	32.84 1.33 0.00	30.90 1.41 0.00	27.54 1.23 0.00	25.16 0.95 0.00	24.67 0.87 0.00	23.54 0.63 0.00

ASTORIA_EAST_ENERGY_CC1 323581	16.39 0.86 0.00	14.58 0.80 0.00	15.30 0.49 -5.23	15.40 0.29 -9.11	16.02 0.02 -15.68	14.50 0.30 -8.37	20.34 0.73 0.00	25.19 0.75 0.00	25.87 0.69 0.00	23.51 0.76 0.00	20.42 0.75 0.00	19.64 0.77 0.00	23.21 0.65 0.00	20.96 0.80 0.00	20.44 0.89 0.00	22.06 1.01 -0.03	23.71 0.98 -0.03	32.48 1.42 0.00	33.02 1.51 0.00	31.06 1.57 0.00	27.67 1.36 0.00	25.32 1.11 0.00	24.90 1.10 0.00	23.85 0.95 0.00
ASTORIA_EAST_ENERGY_CC2 323582	16.39 0.86 0.00	14.58 0.80 0.00	15.30 0.49 -5.23	15.40 0.29 -9.11	16.02 0.02 -15.68	14.50 0.30 -8.37	20.34 0.73 0.00	25.19 0.75 0.00	25.87 0.69 0.00	23.51 0.76 0.00	20.42 0.75 0.00	19.64 0.77 0.00	23.21 0.65 0.00	20.96 0.80 0.00	20.44 0.89 0.00	22.06 1.01 -0.03	23.71 0.98 -0.03	32.48 1.42 0.00	33.02 1.51 0.00	31.06 1.57 0.00	27.67 1.36 0.00	25.32 1.11 0.00	24.90 1.10 0.00	23.85 0.95 0.00
ASTORIA_GT2_1 24094	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT2_2 24095	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT2_3 24096	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT2_4 24097	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT3_1 24098	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT3_2 24099	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT3_3 24100	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT3_4 24101	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT4_1 24102	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT4_2 24103	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT4_3 24104	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT4_4 24105	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.20 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.09 1.60 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.91 1.11 0.00	23.86 0.96 0.00
ASTORIA_GT_1 23523	16.42 0.90 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.41 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.38 0.77 0.00	25.24 0.80 0.00	25.93 0.75 0.00	23.57 0.81 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.27 0.71 0.00	21.01 0.85 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.77 1.04 -0.03	32.56 1.50 0.00	33.10 1.59 0.00	31.14 1.65 0.00	27.74 1.43 0.00	25.38 1.18 0.00	24.96 1.16 0.00	23.90 1.00 0.00

ASTORIA_GT_10 24110	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.48 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.58 1.52 0.00	33.13 1.62 0.00	31.15 1.66 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
ASTORIA_GT_11 24225	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.48 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.58 1.52 0.00	33.13 1.62 0.00	31.15 1.66 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
ASTORIA_GT_12 24226	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.48 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.58 1.52 0.00	33.13 1.62 0.00	31.15 1.66 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
ASTORIA_GT_13 24227	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.48 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.58 1.52 0.00	33.13 1.62 0.00	31.15 1.66 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
ASTORIA_GT_5 24106	16.42 0.90 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.41 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.38 0.77 0.00	25.24 0.80 0.00	25.93 0.75 0.00	23.57 0.81 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.27 0.71 0.00	21.01 0.85 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.77 1.04 -0.03	32.56 1.50 0.00	33.10 1.59 0.00	31.14 1.65 0.00	27.74 1.43 0.00	25.38 1.18 0.00	24.96 1.16 0.00	23.90 1.00 0.00
ASTORIA_GT_7 24107	16.42 0.90 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.41 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.38 0.77 0.00	25.24 0.80 0.00	25.93 0.75 0.00	23.57 0.81 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.27 0.71 0.00	21.01 0.85 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.77 1.04 -0.03	32.56 1.50 0.00	33.10 1.59 0.00	31.14 1.65 0.00	27.74 1.43 0.00	25.38 1.18 0.00	24.96 1.16 0.00	23.90 1.00 0.00
ASTORIA_GT_8 24108	16.42 0.90 0.00	14.61 0.82 0.00	15.32 0.51 -5.23	15.41 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.38 0.77 0.00	25.24 0.80 0.00	25.93 0.75 0.00	23.57 0.81 0.00	20.48 0.80 0.00	19.68 0.82 0.00	23.27 0.71 0.00	21.01 0.85 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.77 1.04 -0.03	32.57 1.51 0.00	33.10 1.60 0.00	31.15 1.66 0.00	27.74 1.43 0.00	25.38 1.18 0.00	24.96 1.16 0.00	23.90 1.00 0.00
ASTORIA___2 24149	16.40 0.87 0.00	14.59 0.80 0.00	15.30 0.49 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.34 0.73 0.00	25.21 0.76 0.00	25.89 0.70 0.00	23.52 0.77 0.00	20.44 0.77 0.00	19.65 0.78 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.46 0.90 0.00	22.07 1.02 -0.03	23.72 0.99 -0.03	32.50 1.44 0.00	33.04 1.53 0.00	31.08 1.59 0.00	27.69 1.37 0.00	25.33 1.13 0.00	24.92 1.11 0.00	23.86 0.96 0.00
ASTORIA___3 23516	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.80 0.00	25.27 0.83 0.00	25.96 0.77 0.00	23.57 0.81 0.00	20.47 0.80 0.00	19.68 0.81 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.49 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.57 1.52 0.00	33.13 1.62 0.00	31.14 1.65 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
ASTORIA___4 23517	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.48 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.58 1.52 0.00	33.13 1.62 0.00	31.15 1.66 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
ASTORIA___5 23518	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.80 0.00	25.27 0.83 0.00	25.96 0.77 0.00	23.57 0.81 0.00	20.47 0.80 0.00	19.68 0.81 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.49 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.57 1.52 0.00	33.12 1.61 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
AST_ENERGY_2_CC3 323677	16.42 0.89 0.00	14.58 0.80 0.00	15.31 0.51 -5.23	15.41 0.31 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.23 0.79 0.00	25.92 0.73 0.00	23.53 0.77 0.00	20.41 0.74 0.00	19.64 0.77 0.00	23.31 0.75 0.00	20.98 0.82 0.00	20.45 0.90 0.00	22.08 1.03 -0.03	23.73 1.00 -0.03	32.51 1.46 0.00	33.07 1.55 0.00	31.07 1.59 0.00	27.67 1.36 0.00	25.35 1.14 0.00	24.91 1.11 0.00	23.84 0.95 0.00
AST_ENERGY_2_CC4 323678	16.42 0.89 0.00	14.58 0.80 0.00	15.31 0.51 -5.23	15.41 0.31 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.23 0.79 0.00	25.92 0.73 0.00	23.53 0.77 0.00	20.41 0.74 0.00	19.64 0.77 0.00	23.31 0.75 0.00	20.98 0.82 0.00	20.45 0.90 0.00	22.08 1.03 -0.03	23.73 1.00 -0.03	32.51 1.46 0.00	33.07 1.55 0.00	31.07 1.59 0.00	27.67 1.36 0.00	25.35 1.14 0.00	24.91 1.11 0.00	23.84 0.95 0.00
ATHENS_STG_1 23668	16.06 0.54 0.00	14.28 0.49 0.00	15.83 0.35 -5.90	16.50 0.22 -10.28	18.04 0.01 -17.70	15.49 0.22 -9.45	20.15 0.54 0.00	24.91 0.47 0.00	25.52 0.34 0.00	23.08 0.33 0.00	19.97 0.30 0.00	19.16 0.30 0.00	22.76 0.20 0.00	20.38 0.21 0.00	19.79 0.24 0.00	21.37 0.34 -0.01	23.07 0.36 -0.01	31.66 0.61 0.00	32.23 0.72 0.00	30.24 0.76 0.00	26.95 0.64 0.00	24.69 0.48 0.00	24.27 0.47 0.00	23.24 0.34 0.00
ATHENS_STG_2 23670	16.06 0.54 0.00	14.28 0.49 0.00	15.83 0.35 -5.90	16.50 0.22 -10.28	18.04 0.01 -17.70	15.49 0.22 -9.45	20.15 0.54 0.00	24.91 0.47 0.00	25.52 0.34 0.00	23.08 0.33 0.00	19.97 0.30 0.00	19.16 0.30 0.00	22.76 0.20 0.00	20.38 0.21 0.00	19.79 0.24 0.00	21.37 0.34 -0.01	23.07 0.36 -0.01	31.66 0.61 0.00	32.23 0.72 0.00	30.24 0.76 0.00	26.95 0.64 0.00	24.69 0.48 0.00	24.27 0.47 0.00	23.24 0.34 0.00

ATHENS_STG_3 23677	16.06 0.54 0.00	14.28 0.49 0.00	15.83 0.35 -5.90	16.50 0.22 -10.28	18.04 0.01 -17.70	15.49 0.22 -9.45	20.15 0.54 0.00	24.91 0.47 0.00	25.52 0.34 0.00	23.08 0.33 0.00	19.97 0.30 0.00	19.16 0.30 0.00	22.76 0.20 0.00	20.38 0.21 0.00	19.79 0.24 0.00	21.37 0.34 -0.01	23.07 0.36 -0.01	31.66 0.61 0.00	32.23 0.72 0.00	30.24 0.76 0.00	26.95 0.64 0.00	24.69 0.48 0.00	24.27 0.47 0.00	23.24 0.34 0.00
AUBURN___LFGE 323710	15.56 0.03 0.00	13.77 -0.02 0.00	10.21 0.01 -0.63	7.12 0.02 -1.09	2.21 0.00 -1.88	6.84 0.01 -1.00	19.80 0.19 0.00	24.76 0.32 0.00	25.58 0.39 0.00	23.13 0.37 0.00	19.90 0.23 0.00	19.10 0.24 0.00	22.93 0.37 0.00	20.56 0.39 0.00	19.87 0.31 0.00	21.49 0.47 0.00	23.39 0.69 0.00	31.82 0.76 0.00	32.40 0.89 0.00	30.33 0.84 0.00	26.98 0.67 0.00	24.81 0.60 0.00	24.38 0.58 0.00	23.43 0.53 0.00
BABYLON_RES_REC 323704	16.86 1.33 0.00	14.95 1.16 0.00	15.55 0.75 -5.23	15.54 0.44 -9.11	16.04 0.03 -15.68	14.65 0.45 -8.37	20.85 1.24 0.00	25.81 1.37 0.00	26.53 1.34 0.00	23.98 1.22 0.00	20.78 1.11 0.00	20.00 1.13 0.00	23.71 1.15 0.00	21.35 1.18 0.00	20.86 1.30 0.00	22.39 1.34 -0.03	24.06 1.33 -0.03	33.10 2.05 0.00	33.87 2.36 0.00	31.79 2.30 0.00	28.27 1.96 0.00	25.83 1.63 0.00	25.41 1.62 0.00	24.49 1.59 0.00
BABYLON__69_KV_BK2 356345	17.07 1.54 0.00	15.13 1.34 0.00	15.68 0.87 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.09 1.48 0.00	26.11 1.66 0.00	26.85 1.67 0.00	24.28 1.52 0.00	21.04 1.37 0.00	20.25 1.38 0.00	24.02 1.46 0.00	21.64 1.48 0.00	21.15 1.60 0.00	22.68 1.63 -0.03	24.39 1.65 -0.03	33.54 2.49 0.00	34.30 2.79 0.00	32.23 2.74 0.00	28.68 2.37 0.00	26.20 2.00 0.00	25.76 1.96 0.00	24.82 1.92 0.00
BARON_WINDS___WT_PWR 323822	14.79 -0.74 0.00	13.15 -0.64 0.00	10.21 -0.44 -1.07	7.62 -0.24 -1.87	3.52 -0.01 -3.21	7.32 -0.22 -1.71	18.89 -0.72 0.00	23.62 -0.82 0.00	24.59 -0.59 0.00	22.34 -0.41 0.00	19.23 -0.44 0.00	18.43 -0.44 0.00	22.35 -0.21 0.00	20.08 -0.08 0.00	19.36 -0.19 0.00	20.99 -0.03 0.00	22.86 0.16 0.00	30.96 -0.10 0.00	31.19 -0.32 0.00	28.92 -0.50 0.07	25.71 -0.60 0.00	23.87 -0.33 0.00	23.32 -0.49 0.00	22.57 -0.33 0.00
BARRETT_IC_1 23704	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_10 23701	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_11 23702	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_12 23703	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_2 23705	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_3 23706	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_4 23707	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_5 23708	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_6 23709	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_7 23710	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	20.99 0.83 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.48 0.00	33.21 1.70 0.00	31.14 1.66 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.19 0.00

BARRETT_IC_8 23711	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT_IC_9 23700	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT___1 23545	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BARRETT___2 23546	16.65 1.13 0.00	14.79 1.00 0.00	15.44 0.63 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.70 0.94 0.00	20.52 0.85 0.00	19.76 0.89 0.00	23.33 0.77 0.00	21.00 0.84 0.00	20.49 0.94 0.00	22.03 0.98 -0.03	23.69 0.96 -0.03	32.53 1.47 0.00	33.21 1.70 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.34 1.13 0.00	24.91 1.11 0.00	24.09 1.18 0.00
BATAVIA___115KV_TB1 55881	15.02 -0.51 0.00	13.38 -0.41 0.00	9.97 -0.31 -0.70	7.09 -0.13 -1.22	2.42 -0.01 -2.10	6.82 -0.12 -1.12	19.18 -0.43 0.00	23.94 -0.50 0.00	24.92 -0.26 0.00	22.56 -0.19 0.00	19.22 -0.45 0.00	18.48 -0.39 0.00	22.50 -0.06 0.00	20.19 0.03 0.00	19.65 0.09 0.00	21.51 0.50 0.00	23.36 0.66 0.00	31.37 0.32 0.00	31.54 0.03 0.01	29.49 0.00 0.00	26.43 0.11 0.00	24.50 0.30 0.00	24.00 0.20 0.00	23.27 0.37 0.00
BAYONEEC___CTG1 323682	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG10 323750	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG2 323683	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG3 323684	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG4 323685	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG5 323686	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG6 323687	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG7 323688	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG8 323689	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
BAYONEEC___CTG9 323749	16.43 0.90 0.00	14.59 0.80 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.27 0.82 0.00	25.95 0.77 0.00	23.56 0.80 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	367.68 0.93 -347.19	22.10 1.06 -0.03	23.76 1.03 -0.03	32.55 1.50 0.00	33.10 1.59 0.00	31.12 1.63 0.00	27.72 1.41 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00

BEACON___LESR 323632	15.95 0.42 0.00	14.18 0.39 0.00	16.56 0.28 -6.70	17.85 0.18 -11.67	20.44 0.01 -20.09	16.75 0.19 -10.73	20.05 0.44 0.00	24.79 0.34 0.00	25.38 0.19 0.00	22.85 0.09 0.00	19.77 0.10 0.00	18.97 0.10 0.00	22.58 0.02 0.00	20.24 0.07 0.00	19.67 0.11 0.00	21.26 0.27 0.03	23.07 0.40 0.03	31.76 0.70 0.00	32.32 0.80 0.00	30.39 0.90 0.00	27.01 0.70 0.00	24.73 0.52 0.00	24.28 0.47 0.00	23.21 0.31 0.00
BEAVER RIVER___HYD 24048	15.48 -0.04 0.00	13.68 -0.10 0.00	9.66 -0.11 -0.20	6.23 -0.11 -0.34	0.91 -0.01 -0.59	6.00 -0.14 -0.32	19.31 -0.30 0.00	24.23 -0.21 0.00	25.05 -0.14 0.00	22.63 -0.13 0.00	19.70 0.03 0.00	18.79 -0.07 0.00	22.29 -0.27 0.00	20.02 -0.14 0.00	19.22 -0.34 0.00	20.35 -0.66 0.00	22.37 -0.33 0.00	31.24 0.18 0.00	31.77 0.26 0.00	29.80 0.31 0.00	26.55 0.23 0.00	23.83 -0.38 0.00	22.86 -0.94 0.00	21.98 -0.92 0.00
BEEBEE_GT_13 23619	15.06 -0.46 0.00	13.40 -0.38 0.00	9.90 -0.28 -0.60	6.92 -0.13 -1.05	2.13 -0.01 -1.81	6.66 -0.13 -0.96	19.20 -0.41 0.00	24.02 -0.42 0.00	24.93 -0.25 0.00	22.58 -0.17 0.00	19.35 -0.32 0.00	18.58 -0.28 0.00	22.55 -0.01 0.00	20.23 0.07 0.00	19.65 0.10 0.00	21.37 0.36 0.00	23.13 0.43 0.00	31.24 0.18 0.00	31.50 -0.02 0.00	29.44 -0.05 0.00	26.33 0.02 0.00	24.34 0.14 0.00	23.89 0.08 0.00	23.11 0.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	16.58 1.06 0.00	14.73 0.95 0.00	15.41 0.60 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.53 1.09 0.00	26.24 1.06 0.00	23.83 1.07 0.00	20.68 1.00 0.00	19.89 1.03 0.00	23.61 1.04 -0.01	21.26 1.08 -0.01	1124.57 1.13 -1103.89	30.24 1.24 -7.99	24.03 1.30 -0.04	32.93 1.87 -0.01	33.65 1.96 -0.18	32.41 1.98 -0.94	93.95 1.71 -65.93	25.67 1.45 -0.01	25.21 1.41 -0.01	24.13 1.22 0.00
BETHLEHEM___GRP 23843	15.75 0.22 0.00	14.01 0.23 0.00	16.44 0.15 -6.71	17.78 0.09 -11.69	20.46 0.01 -20.12	16.67 0.10 -10.74	19.77 0.16 0.00	24.39 -0.05 0.00	24.94 -0.25 0.00	22.51 -0.24 0.00	19.50 -0.17 0.00	18.71 -0.16 0.00	22.24 -0.32 0.00	19.94 -0.23 0.00	19.37 -0.18 0.00	20.90 -0.08 0.03	22.64 -0.03 0.03	31.17 0.11 0.00	31.75 0.24 0.00	29.82 0.33 0.00	26.57 0.26 0.00	24.31 0.10 0.00	23.90 0.10 0.00	22.85 -0.05 0.00
BETHLEHEM___GS1 323560	15.75 0.22 0.00	14.01 0.23 0.00	16.44 0.15 -6.71	17.78 0.09 -11.69	20.46 0.01 -20.12	16.67 0.10 -10.74	19.77 0.16 0.00	24.39 -0.05 0.00	24.94 -0.25 0.00	22.51 -0.24 0.00	19.50 -0.17 0.00	18.71 -0.16 0.00	22.24 -0.32 0.00	19.94 -0.23 0.00	19.37 -0.18 0.00	20.91 -0.08 0.03	22.64 -0.03 0.03	31.17 0.11 0.00	31.75 0.24 0.00	29.81 0.32 0.00	26.57 0.26 0.00	24.31 0.10 0.00	23.90 0.10 0.00	22.84 -0.05 0.00
BETHLEHEM___GS2 323561	15.75 0.22 0.00	14.01 0.23 0.00	16.44 0.15 -6.71	17.78 0.09 -11.69	20.46 0.01 -20.12	16.67 0.10 -10.74	19.77 0.16 0.00	24.39 -0.05 0.00	24.94 -0.25 0.00	22.51 -0.24 0.00	19.50 -0.17 0.00	18.71 -0.16 0.00	22.24 -0.32 0.00	19.94 -0.23 0.00	19.37 -0.18 0.00	20.91 -0.08 0.03	22.64 -0.03 0.03	31.17 0.11 0.00	31.75 0.24 0.00	29.81 0.32 0.00	26.57 0.26 0.00	24.31 0.10 0.00	23.90 0.10 0.00	22.84 -0.05 0.00
BETHLEHEM___GS3 323562	15.75 0.22 0.00	14.01 0.23 0.00	16.44 0.15 -6.71	17.78 0.09 -11.69	20.46 0.01 -20.12	16.67 0.10 -10.74	19.77 0.16 0.00	24.39 -0.05 0.00	24.94 -0.25 0.00	22.51 -0.24 0.00	19.50 -0.17 0.00	18.71 -0.16 0.00	22.24 -0.32 0.00	19.94 -0.23 0.00	19.37 -0.18 0.00	20.91 -0.08 0.03	22.64 -0.03 0.03	31.17 0.11 0.00	31.75 0.24 0.00	29.81 0.32 0.00	26.57 0.26 0.00	24.31 0.10 0.00	23.90 0.10 0.00	22.84 -0.05 0.00
BETHLEHEM___STEEL 23779	14.75 -0.78 0.00	13.15 -0.63 0.00	9.92 -0.47 -0.81	7.20 -0.23 -1.42	2.76 -0.02 -2.45	6.93 -0.21 -1.31	18.90 -0.71 0.00	23.59 -0.86 0.00	24.61 -0.58 0.00	22.35 -0.40 0.00	19.08 -0.59 0.00	18.34 -0.53 0.00	22.34 -0.22 0.00	20.07 -0.09 0.00	19.44 -0.12 0.00	21.20 0.18 0.00	22.95 0.25 0.00	30.72 -0.33 0.00	30.88 -0.63 0.00	28.84 -0.64 0.01	25.83 -0.49 0.00	24.04 -0.17 0.00	23.54 -0.26 0.00	22.87 -0.03 0.00
BETHLHEM_115KV_TB1 79974	15.79 0.27 0.00	14.05 0.27 0.00	16.47 0.18 -6.70	17.79 0.11 -11.68	20.44 0.01 -20.10	16.68 0.12 -10.73	19.82 0.22 0.00	24.48 0.03 0.00	25.03 -0.15 0.00	22.60 -0.15 0.00	19.57 -0.10 0.00	18.77 -0.09 0.00	22.32 -0.24 0.00	20.00 -0.16 0.00	19.44 -0.11 0.00	20.98 -0.01 0.03	22.71 0.04 0.03	31.26 0.20 0.00	31.84 0.33 0.00	29.89 0.40 0.00	26.64 0.33 0.00	24.38 0.17 0.00	23.97 0.17 0.00	22.92 0.02 0.00
BETHPAGE_CC_5 323564	16.78 1.26 0.00	14.89 1.10 0.00	15.51 0.70 -5.23	15.52 0.41 -9.11	16.04 0.03 -15.68	14.62 0.42 -8.37	20.77 1.17 0.00	25.72 1.28 0.00	26.44 1.25 0.00	23.91 1.15 0.00	20.72 1.05 0.00	19.96 1.10 0.00	23.66 1.10 0.00	21.32 1.15 0.00	20.80 1.25 0.00	22.32 1.27 -0.03	23.99 1.26 -0.03	32.96 1.91 0.00	33.68 2.17 0.00	31.57 2.08 0.00	28.11 1.80 0.00	25.72 1.52 0.00	25.31 1.51 0.00	24.39 1.48 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.80 -0.73 0.00	13.20 -0.59 0.00	9.96 -0.45 -0.83	7.23 -0.21 -1.44	2.79 -0.01 -2.48	6.96 -0.19 -1.33	18.95 -0.65 0.00	23.66 -0.79 0.00	24.69 -0.50 0.00	22.42 -0.33 0.00	19.15 -0.52 0.00	18.40 -0.46 0.00	22.43 -0.13 0.00	20.15 -0.01 0.00	19.51 -0.04 0.00	21.28 0.26 0.00	23.04 0.33 0.00	30.84 -0.21 0.00	31.02 -0.49 0.00	28.94 -0.54 0.01	25.92 -0.39 0.00	24.11 -0.09 0.00	23.61 -0.19 0.00	22.94 0.04 0.00
BINGHAMTON___COGEN 23790	15.49 -0.03 0.00	13.77 -0.01 0.00	11.11 -0.01 -1.54	8.69 0.01 -2.68	4.95 0.00 -4.62	8.32 0.02 -2.47	19.68 0.08 0.00	24.48 0.04 0.00	25.26 0.08 0.00	22.83 0.08 0.00	19.70 0.03 0.00	18.91 0.05 0.00	22.68 0.12 0.00	20.33 0.17 0.00	19.71 0.16 0.00	21.29 0.27 0.00	23.10 0.40 0.00	31.52 0.46 0.00	31.96 0.44 0.00	29.90 0.41 0.00	26.65 0.34 0.00	24.51 0.31 0.00	24.05 0.24 0.00	23.18 0.28 0.00
BIXINCNT_115KV_LOAD 355685	14.71 -0.82 0.00	13.15 -0.63 0.00	9.95 -0.50 -0.87	7.23 -0.29 -1.52	2.94 -0.01 -2.62	7.00 -0.23 -1.40	18.88 -0.73 0.00	23.63 -0.81 0.00	24.73 -0.46 0.00	22.52 -0.23 0.00	19.23 -0.44 0.00	18.41 -0.45 0.00	22.55 -0.01 0.00	20.16 -0.01 0.00	19.33 -0.23 0.00	21.16 0.14 0.00	23.13 0.43 0.00	31.01 -0.04 0.00	31.26 -0.26 0.00	28.77 -0.71 0.01	25.74 -0.57 0.00	23.95 -0.26 0.00	23.44 -0.36 0.00	22.80 -0.10 0.00
BLACK RIVER___HYD 24047	15.62 0.10 0.00	13.81 0.03 0.00	9.82 -0.02 -0.26	6.42 -0.03 -0.46	1.12 0.00 -0.79	6.20 -0.05 -0.42	19.62 0.01 0.00	24.61 0.17 0.00	25.32 0.14 0.00	22.77 0.01 0.00	19.84 0.17 0.00	18.88 0.02 0.00	22.37 -0.19 0.00	20.19 0.03 0.00	19.20 -0.36 0.00	20.35 -0.67 0.00	22.52 -0.18 0.00	31.62 0.56 0.00	32.24 0.73 0.00	30.24 0.75 0.00	26.96 0.65 0.00	24.03 -0.17 0.00	23.11 -0.70 0.00	22.19 -0.71 0.00

BLACKRVR_115KV_TB2 79977	15.62 0.10 0.00	13.81 0.03 0.00	9.82 -0.02 -0.26	6.43 -0.03 -0.46	1.12 0.00 -0.79	6.20 -0.05 -0.42	19.62 0.01 0.00	24.61 0.17 0.00	25.32 0.14 0.00	22.77 0.01 0.00	19.84 0.17 0.00	18.88 0.02 0.00	22.37 -0.19 0.00	20.19 0.03 0.00	19.20 -0.36 0.00	20.35 -0.67 0.00	22.52 -0.18 0.00	31.62 0.56 0.00	32.24 0.73 0.00	30.24 0.75 0.00	26.96 0.65 0.00	24.03 -0.17 0.00	23.11 -0.69 0.00	22.19 -0.71 0.00
BLISS_WT_PWR 323608	14.63 -0.90 0.00	13.09 -0.70 0.00	9.91 -0.55 -0.87	7.19 -0.33 -1.52	2.94 -0.02 -2.62	6.97 -0.26 -1.40	18.78 -0.83 0.00	23.53 -0.91 0.00	24.66 -0.52 0.00	22.49 -0.27 0.00	19.19 -0.48 0.00	18.37 -0.49 0.00	22.55 -0.02 0.00	20.12 -0.04 0.00	19.24 -0.31 0.00	21.09 0.07 0.00	23.12 0.42 0.00	30.99 -0.07 0.00	31.23 -0.28 0.00	28.66 -0.82 0.01	25.62 -0.69 0.00	23.84 -0.36 0.00	23.33 -0.47 0.00	22.72 -0.18 0.00
BLUESTONE__WT_PWR 323821	16.16 0.63 0.00	14.32 0.53 0.00	11.53 0.36 -1.60	9.01 0.23 -2.78	5.13 0.02 -4.79	8.63 0.25 -2.56	20.42 0.81 0.00	25.38 0.94 0.00	26.16 0.98 0.00	23.61 0.86 0.00	20.41 0.74 0.00	19.59 0.72 0.00	23.45 0.89 0.00	21.01 0.85 0.00	20.40 0.84 0.00	22.04 1.02 0.00	23.93 1.23 0.00	32.80 1.75 0.00	33.33 1.83 0.00	31.35 1.86 0.00	27.87 1.56 0.00	25.61 1.40 0.00	25.08 1.27 0.00	24.07 1.17 0.00
BLUE_CIRC_CHEM_DRP 24182	15.98 0.46 0.00	14.21 0.43 0.00	16.48 0.32 -6.58	17.66 0.20 -11.46	20.07 0.01 -19.72	16.56 0.20 -10.53	20.13 0.52 0.00	24.87 0.42 0.00	25.41 0.23 0.00	22.92 0.16 0.00	19.81 0.14 0.00	19.01 0.14 0.00	22.61 0.05 0.00	20.25 0.09 0.00	19.67 0.11 0.00	21.23 0.23 0.02	22.98 0.30 0.02	31.64 0.58 0.00	32.24 0.72 0.00	30.27 0.78 0.00	26.99 0.68 0.00	24.71 0.51 0.00	24.29 0.49 0.00	23.25 0.34 0.00
BOC_GAS_DRP 24189	15.90 0.38 0.00	14.14 0.36 0.00	16.51 0.25 -6.68	17.79 0.16 -11.63	20.36 0.01 -20.02	16.68 0.16 -10.69	19.98 0.37 0.00	24.70 0.25 0.00	25.29 0.11 0.00	22.84 0.09 0.00	19.77 0.10 0.00	18.97 0.10 0.00	22.55 -0.01 0.00	20.20 0.04 0.00	19.63 0.07 0.00	21.16 0.17 0.02	22.88 0.20 0.02	31.46 0.41 0.00	32.03 0.52 0.00	30.06 0.58 0.00	26.80 0.49 0.00	24.54 0.34 0.00	24.14 0.33 0.00	23.11 0.21 0.00
BOONVLE_115KV_TB1 79983	15.71 0.18 0.00	13.90 0.12 0.00	9.81 0.05 -0.18	6.33 0.02 -0.32	0.87 0.00 -0.55	6.11 -0.01 -0.29	19.68 0.07 0.00	24.61 0.17 0.00	25.39 0.21 0.00	22.97 0.22 0.00	19.93 0.26 0.00	19.06 0.19 0.00	22.70 0.13 0.00	20.36 0.20 0.00	19.69 0.14 0.00	21.07 0.05 0.00	22.97 0.27 0.00	31.78 0.72 0.00	32.31 0.79 0.00	30.27 0.78 0.00	26.96 0.65 0.00	24.49 0.29 0.00	23.75 -0.05 0.00	22.81 -0.09 0.00
BORALEX_4TH_BRANCH 23824	16.23 0.70 0.00	14.44 0.65 0.00	16.74 0.48 -6.68	17.94 0.31 -11.63	20.37 0.02 -20.02	16.81 0.29 -10.69	20.43 0.82 0.00	25.09 0.65 0.00	25.53 0.35 0.00	22.97 0.22 0.00	19.92 0.25 0.00	19.09 0.22 0.00	22.65 0.09 0.00	20.33 0.17 0.00	19.75 0.19 0.00	21.31 0.37 0.08	23.08 0.45 0.08	31.94 0.88 0.00	32.66 1.15 0.00	30.69 1.20 0.00	27.36 1.05 0.00	24.96 0.76 0.00	24.58 0.78 0.00	23.44 0.54 0.00
BOWLINE__1 23526	16.26 0.73 0.00	14.44 0.65 0.00	15.02 0.42 -5.02	15.01 0.26 -8.75	15.40 0.02 -15.06	14.13 0.27 -8.04	20.28 0.67 0.00	25.11 0.67 0.00	25.78 0.60 0.00	23.35 0.60 0.00	20.23 0.56 0.00	19.45 0.58 0.00	23.12 0.56 0.00	20.79 0.63 0.00	20.28 0.73 0.00	21.91 0.86 -0.03	23.62 0.89 -0.03	32.37 1.32 0.00	32.93 1.43 0.00	30.91 1.42 0.00	27.50 1.19 0.00	25.18 0.97 0.00	24.74 0.94 0.00	23.70 0.80 0.00
BOWLINE__2 23595	16.26 0.73 0.00	14.44 0.65 0.00	15.02 0.42 -5.02	15.01 0.26 -8.75	15.41 0.02 -15.06	14.14 0.27 -8.04	20.28 0.67 0.00	25.11 0.67 0.00	25.78 0.60 0.00	23.35 0.60 0.00	20.23 0.56 0.00	19.45 0.58 0.00	23.12 0.56 0.00	20.79 0.63 0.00	20.28 0.73 0.00	21.91 0.86 -0.03	23.62 0.89 -0.03	32.37 1.32 0.00	32.93 1.43 0.00	30.91 1.42 0.00	27.50 1.19 0.00	25.18 0.97 0.00	24.74 0.94 0.00	23.70 0.80 0.00
BRADY__115KV_TB2 356060	15.67 0.15 0.00	13.93 0.14 0.00	9.66 0.08 0.00	6.04 0.04 0.00	0.33 0.00 0.00	5.86 0.04 0.00	19.77 0.16 0.00	24.67 0.23 0.00	25.48 0.30 0.00	22.95 0.19 0.00	19.94 0.26 0.00	19.10 0.24 0.00	22.89 0.33 0.00	20.29 0.13 0.00	19.70 0.14 0.00	20.96 -0.06 0.00	22.56 -0.15 0.00	30.96 -0.10 0.00	31.38 -0.13 0.00	29.24 -0.24 0.00	26.16 -0.15 0.00	24.07 -0.13 0.00	23.54 -0.26 0.00	22.80 -0.10 0.00
BRANSCOMB__SOLAR 323811	16.28 0.75 0.00	14.47 0.68 0.00	16.99 0.50 -6.91	18.37 0.32 -12.05	21.08 0.02 -20.74	17.21 0.31 -11.07	20.56 0.95 0.00	25.39 0.95 0.00	25.97 0.78 0.00	23.38 0.62 0.00	20.17 0.50 0.00	19.35 0.49 0.00	23.06 0.50 0.00	20.61 0.44 0.00	20.03 0.48 0.00	21.66 0.69 0.04	23.57 0.91 0.04	32.55 1.50 0.00	33.33 1.82 0.00	31.29 1.80 0.00	27.88 1.57 0.00	25.50 1.29 0.00	25.04 1.24 0.00	23.92 1.02 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.01 1.49 0.00	15.09 1.30 0.00	15.64 0.84 -5.23	15.60 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.04 1.43 0.00	26.03 1.59 0.00	26.78 1.59 0.00	24.19 1.44 0.00	20.96 1.29 0.00	20.17 1.30 0.00	23.92 1.36 0.00	21.55 1.39 0.00	21.05 1.50 0.00	22.48 1.43 -0.03	24.15 1.41 -0.03	33.19 2.14 0.00	33.99 2.48 0.00	31.97 2.48 0.00	28.51 2.20 0.00	26.04 1.84 0.00	25.61 1.81 0.00	24.70 1.81 0.00
BRISTLHL_115KV_TB1 79998	15.29 -0.24 0.00	13.58 -0.21 0.00	9.83 -0.15 -0.40	6.60 -0.09 -0.69	1.52 -0.01 -1.19	6.38 -0.08 -0.64	19.46 -0.15 0.00	24.42 -0.02 0.00	25.18 -0.01 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.86 0.00 0.00	22.60 0.04 0.00	20.23 0.06 0.00	19.55 0.00 0.00	21.09 0.07 0.00	22.83 0.13 0.00	31.22 0.17 0.00	31.63 0.12 0.00	29.60 0.11 0.00	26.40 0.09 0.00	24.27 0.07 0.00	23.93 0.12 0.00	23.07 0.17 0.00
BROOKHAVEN__DRP 24191	17.06 1.53 0.00	15.13 1.34 0.00	15.67 0.86 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.07 1.46 0.00	26.04 1.60 0.00	26.80 1.62 0.00	24.23 1.47 0.00	20.97 1.30 0.00	20.18 1.31 0.00	23.93 1.37 0.00	21.55 1.38 0.00	21.07 1.52 0.00	22.67 1.62 -0.03	24.37 1.63 -0.03	33.52 2.46 0.00	34.31 2.80 0.00	32.26 2.77 0.00	28.63 2.32 0.00	26.12 1.91 0.00	25.68 1.88 0.00	24.79 1.89 0.00
BROOKLYN_NAVY_YARD 23515	16.39 0.86 0.00	14.55 0.77 0.00	15.29 0.48 -5.23	15.40 0.29 -9.11	16.02 0.02 -15.68	14.50 0.30 -8.37	20.36 0.75 0.00	25.18 0.74 0.00	25.87 0.68 0.00	-74.43 0.73 97.92	-77.55 0.70 97.92	19.60 0.73 0.00	23.25 0.70 0.01	20.94 0.78 0.01	20.41 0.86 0.01	22.04 0.99 -0.03	23.70 0.96 -0.03	32.46 1.40 0.00	33.01 1.50 0.00	31.02 1.53 0.00	27.63 1.32 0.00	25.32 1.11 0.00	24.91 1.10 0.00	23.82 0.92 0.00

BROOKLYN___ARMY_DRP 323595	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
BROOKVLE_69_KV_TB1 55790	16.67 1.15 0.00	14.80 1.01 0.00	15.46 0.65 -5.23	15.50 0.39 -9.11	16.03 0.02 -15.68	14.59 0.40 -8.37	20.68 1.07 0.00	25.62 1.17 0.00	26.32 1.14 0.00	23.85 1.09 0.00	20.70 1.03 0.00	19.94 1.08 0.00	23.66 1.10 0.00	21.31 1.15 0.00	20.79 1.23 0.00	22.39 1.34 -0.03	24.01 1.28 -0.03	32.95 1.89 0.00	33.57 2.06 0.00	31.50 2.01 0.00	28.12 1.81 0.00	25.71 1.51 0.00	25.25 1.45 0.00	24.27 1.36 0.00
BROOME_2_LFGE 323671	15.49 -0.03 0.00	13.77 -0.01 0.00	11.11 -0.01 -1.54	8.69 0.01 -2.68	4.95 0.00 -4.62	8.32 0.02 -2.47	19.68 0.08 0.00	24.48 0.04 0.00	25.26 0.08 0.00	22.83 0.08 0.00	19.70 0.03 0.00	18.91 0.05 0.00	22.68 0.12 0.00	20.33 0.17 0.00	19.71 0.16 0.00	21.29 0.27 0.00	23.10 0.40 0.00	31.52 0.46 0.00	31.96 0.45 0.00	29.90 0.41 0.00	26.65 0.34 0.00	24.51 0.31 0.00	24.05 0.24 0.00	23.18 0.28 0.00
BROOME___LFGE 323600	15.49 -0.03 0.00	13.77 -0.01 0.00	11.11 -0.01 -1.54	8.69 0.01 -2.68	4.95 0.00 -4.62	8.32 0.02 -2.47	19.68 0.08 0.00	24.48 0.04 0.00	25.26 0.08 0.00	22.83 0.08 0.00	19.70 0.03 0.00	18.91 0.05 0.00	22.68 0.12 0.00	20.33 0.17 0.00	19.71 0.16 0.00	21.29 0.27 0.00	23.10 0.40 0.00	31.52 0.46 0.00	31.96 0.45 0.00	29.90 0.41 0.00	26.65 0.34 0.00	24.51 0.31 0.00	24.05 0.24 0.00	23.18 0.28 0.00
BROWNFLS_115KV_TB 3_5 80003	15.44 -0.09 0.00	13.68 -0.11 0.00	9.61 -0.11 -0.14	6.14 -0.10 -0.24	0.74 -0.01 -0.42	5.94 -0.11 -0.22	19.34 -0.27 0.00	24.25 -0.19 0.00	25.09 -0.10 0.00	22.66 -0.10 0.00	19.70 0.03 0.00	18.83 -0.03 0.00	22.42 -0.15 0.00	20.00 -0.16 0.00	19.29 -0.27 0.00	20.45 -0.57 0.00	22.27 -0.43 0.00	30.88 -0.18 0.00	31.35 -0.16 0.00	29.32 -0.17 0.00	26.16 -0.15 0.00	23.74 -0.47 0.00	22.95 -0.85 0.00	22.14 -0.76 0.00
BROWNSV1_27_KV_LOAD 356125	16.58 1.05 0.00	14.73 0.94 0.00	15.41 0.60 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.50 1.06 0.00	26.20 1.01 0.00	23.79 1.04 0.00	20.65 0.98 0.00	19.86 1.00 0.00	23.60 1.04 0.00	21.24 1.08 0.00	20.71 1.15 0.00	22.36 1.31 -0.03	24.05 1.32 -0.03	32.94 1.88 0.00	33.49 1.98 0.00	31.48 1.99 0.00	28.03 1.72 0.00	25.67 1.47 0.00	25.23 1.43 0.00	24.14 1.24 0.00
BURROWS___LYONSDAL 23803	15.64 0.11 0.00	13.84 0.05 0.00	9.76 0.00 -0.18	6.29 -0.03 -0.32	0.88 -0.01 -0.55	6.06 -0.06 -0.30	19.54 -0.07 0.00	24.47 0.03 0.00	25.27 0.09 0.00	22.87 0.11 0.00	19.86 0.19 0.00	18.97 0.11 0.00	22.56 0.00 0.00	20.26 0.09 0.00	19.56 0.01 0.00	20.86 -0.16 0.00	22.80 0.10 0.00	31.63 0.58 0.00	32.15 0.64 0.00	30.15 0.66 0.00	26.85 0.53 0.00	24.29 0.09 0.00	23.46 -0.34 0.00	22.53 -0.37 0.00
CAITHNESS_CC_1 323624	17.01 1.48 0.00	15.09 1.30 0.00	15.64 0.83 -5.23	15.60 0.49 -9.11	16.04 0.03 -15.68	14.70 0.50 -8.37	21.00 1.39 0.00	25.97 1.53 0.00	26.72 1.54 0.00	24.15 1.40 0.00	20.91 1.24 0.00	20.12 1.25 0.00	23.85 1.29 0.00	21.47 1.31 0.00	20.99 1.44 0.00	22.57 1.53 -0.03	24.26 1.53 -0.03	33.36 2.30 0.00	34.15 2.64 0.00	32.09 2.60 0.00	28.50 2.19 0.00	26.00 1.80 0.00	25.58 1.78 0.00	24.70 1.80 0.00
CALPINE BETH_PAGE_GT4 24209	16.75 1.23 0.00	14.86 1.07 0.00	15.49 0.68 -5.23	15.51 0.40 -9.11	16.04 0.02 -15.68	14.61 0.41 -8.37	20.74 1.13 0.00	25.68 1.24 0.00	26.40 1.21 0.00	23.86 1.10 0.00	20.68 1.01 0.00	19.91 1.05 0.00	23.61 1.05 0.00	21.27 1.10 0.00	20.75 1.20 0.00	22.23 1.18 -0.03	23.89 1.16 -0.03	32.82 1.77 0.00	33.53 2.01 0.00	31.44 1.95 0.00	27.99 1.68 0.00	25.67 1.46 0.00	25.28 1.47 0.00	24.35 1.45 0.00
CALPINE_BETH_PAGE_GT_4 323586	16.75 1.23 0.00	14.86 1.08 0.00	15.49 0.68 -5.23	15.51 0.40 -9.11	16.04 0.02 -15.68	14.61 0.42 -8.37	20.74 1.13 0.00	25.68 1.24 0.00	26.40 1.21 0.00	23.86 1.10 0.00	20.68 1.00 0.00	19.91 1.05 0.00	23.61 1.05 0.00	21.27 1.10 0.00	20.75 1.20 0.00	22.23 1.18 -0.03	23.89 1.16 -0.03	32.82 1.76 0.00	33.53 2.02 0.00	31.43 1.94 0.00	27.99 1.68 0.00	25.67 1.46 0.00	25.28 1.48 0.00	24.35 1.45 0.00
CALPINE_BP_GT1 23823	16.75 1.23 0.00	14.86 1.08 0.00	15.49 0.68 -5.23	15.51 0.40 -9.11	16.04 0.02 -15.68	14.61 0.42 -8.37	20.74 1.13 0.00	25.68 1.24 0.00	26.40 1.21 0.00	23.86 1.10 0.00	20.68 1.00 0.00	19.91 1.05 0.00	23.61 1.05 0.00	21.27 1.10 0.00	20.75 1.20 0.00	22.23 1.18 -0.03	23.89 1.16 -0.03	32.82 1.76 0.00	33.53 2.02 0.00	31.43 1.94 0.00	27.99 1.68 0.00	25.67 1.46 0.00	25.28 1.48 0.00	24.35 1.45 0.00
CALSPAN___DRP 24200	14.75 -0.78 0.00	13.15 -0.63 0.00	9.92 -0.47 -0.81	7.20 -0.23 -1.42	2.76 -0.02 -2.45	6.93 -0.21 -1.31	18.90 -0.71 0.00	23.59 -0.86 0.00	24.61 -0.58 0.00	22.35 -0.40 0.00	19.08 -0.59 0.00	18.34 -0.53 0.00	22.34 -0.22 0.00	20.07 -0.09 0.00	19.44 -0.12 0.00	21.20 0.18 0.00	22.95 0.25 0.00	30.72 -0.33 0.00	30.88 -0.63 0.00	28.84 -0.64 0.01	25.83 -0.49 0.00	24.04 -0.17 0.00	23.54 -0.26 0.00	22.87 -0.03 0.00
CALVERTON___SOLAR 323806	17.13 1.60 0.00	15.19 1.40 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.74 0.55 -8.37	21.14 1.53 0.00	26.14 1.70 0.00	26.91 1.72 0.00	24.32 1.57 0.00	21.06 1.39 0.00	20.26 1.40 0.00	24.04 1.48 0.00	21.65 1.49 0.00	21.17 1.62 0.00	22.80 1.75 -0.03	24.51 1.77 -0.03	33.73 2.67 0.00	34.52 3.01 0.00	32.45 2.96 0.00	28.80 2.49 0.00	26.27 2.06 0.00	25.82 2.02 0.00	24.92 2.02 0.00
CANDIGU_WT_PWR 323617	14.79 -0.74 0.00	13.15 -0.64 0.00	10.21 -0.44 -1.07	7.62 -0.24 -1.87	3.52 -0.01 -3.21	7.32 -0.22 -1.71	18.89 -0.72 0.00	23.62 -0.82 0.00	24.59 -0.59 0.00	22.34 -0.41 0.00	19.23 -0.44 0.00	18.43 -0.44 0.00	22.35 -0.21 0.00	20.08 -0.08 0.00	19.36 -0.19 0.00	20.99 -0.03 0.00	22.86 0.16 0.00	30.96 -0.10 0.00	31.19 -0.32 0.00	28.92 -0.50 0.07	25.71 -0.60 0.00	23.87 -0.33 0.00	23.32 -0.49 0.00	22.57 -0.33 0.00
CARR STREET_E_SYR 24060	15.32 -0.20 0.00	13.61 -0.18 0.00	9.90 -0.13 -0.45	6.72 -0.07 -0.79	1.68 0.00 -1.36	6.49 -0.06 -0.73	19.49 -0.12 0.00	24.42 -0.02 0.00	25.19 0.01 0.00	22.78 0.03 0.00	19.68 0.00 0.00	18.87 0.01 0.00	22.65 0.09 0.00	20.26 0.10 0.00	19.60 0.04 0.00	21.16 0.14 0.00	22.92 0.22 0.00	31.31 0.25 0.00	31.73 0.21 0.00	29.69 0.20 0.00	26.47 0.16 0.00	24.34 0.14 0.00	23.98 0.17 0.00	23.12 0.21 0.00

CARTHAGE___PAPER 23857	15.64 0.11 0.00	13.83 0.04 0.00	9.80 -0.02 -0.24	6.38 -0.04 -0.42	1.04 -0.01 -0.72	6.14 -0.06 -0.38	19.56 -0.05 0.00	24.53 0.09 0.00	25.30 0.11 0.00	22.79 0.03 0.00	19.84 0.17 0.00	18.93 0.06 0.00	22.45 -0.11 0.00	20.19 0.03 0.00	19.31 -0.25 0.00	20.44 -0.58 0.00	22.54 -0.16 0.00	31.55 0.50 0.00	32.15 0.64 0.00	30.17 0.68 0.00	26.88 0.57 0.00	24.06 -0.15 0.00	23.09 -0.72 0.00	22.18 -0.72 0.00
CASSADAGA_WT_PWR 323784	14.54 -0.99 0.00	12.91 -0.87 0.00	9.82 -0.63 -0.86	7.21 -0.30 -1.51	2.90 -0.02 -2.59	6.96 -0.25 -1.38	18.86 -0.75 0.00	23.57 -0.87 0.00	24.75 -0.44 0.00	22.68 -0.07 0.00	19.55 -0.12 0.00	18.80 -0.07 0.00	22.87 0.31 0.00	20.45 0.29 0.00	19.58 0.02 0.00	21.40 0.39 0.00	23.31 0.60 0.00	31.16 0.10 0.00	30.78 -0.73 0.00	28.57 -0.91 0.01	25.46 -0.85 0.00	24.54 0.34 0.00	23.88 0.07 0.00	23.01 0.11 0.00
CE_DUNWOOD___DRP 24194	16.36 0.83 0.00	14.53 0.74 0.00	15.27 0.48 -5.21	15.37 0.29 -9.08	15.98 0.02 -15.63	14.47 0.30 -8.35	20.38 0.77 0.00	25.21 0.77 0.00	25.88 0.70 0.00	23.46 0.71 0.00	20.35 0.68 0.00	19.56 0.70 0.00	23.24 0.68 0.00	20.90 0.74 0.00	20.38 0.82 0.00	22.01 0.96 -0.03	23.70 0.97 -0.03	32.49 1.43 0.00	33.06 1.55 0.00	31.04 1.55 0.00	27.64 1.33 0.00	25.30 1.10 0.00	24.87 1.07 0.00	23.82 0.91 0.00
CE_MILLWOOD___DRP 24193	16.33 0.80 0.00	14.50 0.71 0.00	15.23 0.46 -5.19	15.32 0.28 -9.04	15.90 0.02 -15.55	14.42 0.29 -8.30	20.35 0.74 0.00	25.19 0.74 0.00	25.84 0.65 0.00	23.42 0.67 0.00	20.31 0.64 0.00	19.52 0.66 0.00	23.19 0.63 0.00	20.85 0.69 0.00	20.33 0.77 0.00	21.96 0.91 -0.03	23.66 0.93 -0.03	32.43 1.37 0.00	33.00 1.49 0.00	30.99 1.50 0.00	27.58 1.27 0.00	25.25 1.05 0.00	24.82 1.02 0.00	23.77 0.87 0.00
CE_NYC2_DRP 24202	16.44 0.91 0.00	14.62 0.83 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.42 0.81 0.00	25.29 0.85 0.00	25.99 0.80 0.00	23.59 0.83 0.00	20.48 0.81 0.00	19.69 0.83 0.00	23.36 0.80 0.00	21.04 0.88 0.00	20.50 0.95 0.00	22.12 1.08 -0.03	23.81 1.08 -0.03	32.61 1.55 0.00	33.15 1.64 0.00	31.17 1.68 0.00	27.76 1.45 0.00	25.41 1.21 0.00	24.97 1.17 0.00	23.92 1.02 0.00
CE_NYC_DRP 24195	16.45 0.92 0.00	14.61 0.82 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.84 0.00	25.29 0.85 0.00	25.98 0.79 0.00	23.59 0.83 0.00	20.46 0.79 0.00	19.68 0.81 0.00	23.37 0.81 0.00	21.03 0.87 0.00	20.51 0.96 0.00	22.14 1.09 -0.03	23.80 1.07 -0.03	32.62 1.57 0.00	33.17 1.66 0.00	31.17 1.69 0.00	27.75 1.44 0.00	25.42 1.22 0.00	24.98 1.18 0.00	23.91 1.01 0.00
CHAFFEE___LFGE 323603	14.77 -0.76 0.00	13.16 -0.62 0.00	9.96 -0.47 -0.84	7.25 -0.23 -1.47	2.85 -0.02 -2.54	6.98 -0.21 -1.35	18.92 -0.70 0.00	23.59 -0.85 0.00	24.62 -0.57 0.00	22.36 -0.40 0.00	19.08 -0.59 0.00	18.35 -0.51 0.00	22.36 -0.21 0.00	20.08 -0.08 0.00	19.47 -0.09 0.00	21.23 0.21 0.00	22.97 0.27 0.00	30.78 -0.27 0.00	30.97 -0.54 0.00	28.92 -0.56 0.01	25.89 -0.42 0.00	24.07 -0.13 0.00	23.57 -0.23 0.00	22.89 -0.01 0.00
CHATEAUG_35_KV_LOAD 355732	15.60 0.08 0.00	13.83 0.05 0.00	9.60 0.02 0.00	5.96 -0.03 0.00	0.33 0.00 0.00	5.75 -0.07 0.00	19.37 -0.24 0.00	24.15 -0.29 0.00	25.18 0.00 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.81 -0.05 0.00	22.74 0.18 0.00	20.11 -0.05 0.00	19.64 0.08 0.00	20.84 -0.17 0.00	22.17 -0.53 0.00	30.58 -0.48 0.00	30.92 -0.59 0.00	28.37 -1.11 0.00	25.35 -0.97 0.00	23.24 -0.96 0.00	22.78 -1.03 0.00	22.01 -0.89 0.00
CHATEAUG_WT_PWR 323614	15.60 0.07 0.00	13.83 0.04 0.00	9.59 0.01 0.00	5.96 -0.04 0.00	0.33 0.00 0.00	5.75 -0.08 0.00	19.33 -0.28 0.00	24.10 -0.34 0.00	25.17 -0.02 0.00	22.75 0.00 0.00	19.65 -0.02 0.00	18.79 -0.07 0.00	22.71 0.15 0.00	20.09 -0.07 0.00	19.62 0.07 0.00	20.81 -0.21 0.00	22.12 -0.58 0.00	30.53 -0.52 0.00	30.87 -0.64 0.00	28.22 -1.27 0.00	25.23 -1.08 0.00	23.11 -1.10 0.00	22.65 -1.16 0.00	21.90 -1.00 0.00
CHAT_HIGH_FALL_HYD 323578	15.60 0.08 0.00	13.83 0.05 0.00	9.60 0.02 0.00	5.96 -0.03 0.00	0.33 0.00 0.00	5.75 -0.07 0.00	19.37 -0.24 0.00	24.16 -0.29 0.00	25.18 0.00 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.81 -0.05 0.00	22.74 0.18 0.00	20.11 -0.05 0.00	19.64 0.08 0.00	20.84 -0.17 0.00	22.17 -0.53 0.00	30.58 -0.48 0.00	30.92 -0.59 0.00	28.37 -1.11 0.00	25.35 -0.96 0.00	23.25 -0.96 0.00	22.78 -1.03 0.00	22.01 -0.89 0.00
CHAUTAUQUA___LFGE 323629	14.76 -0.77 0.00	13.12 -0.66 0.00	9.94 -0.48 -0.84	7.24 -0.23 -1.47	2.85 -0.01 -2.54	6.99 -0.19 -1.35	18.99 -0.62 0.00	23.67 -0.78 0.00	24.76 -0.43 0.00	22.54 -0.22 0.00	19.35 -0.32 0.00	18.63 -0.24 0.00	22.66 0.09 0.00	20.31 0.15 0.00	19.56 0.00 0.00	21.33 0.32 0.00	23.18 0.48 0.00	31.05 -0.01 0.00	30.98 -0.53 0.00	28.89 -0.59 0.01	25.82 -0.49 0.00	24.36 0.16 0.00	23.75 -0.05 0.00	23.00 0.10 0.00
CHERRYST_13_KV_LD 356241	16.49 0.96 0.00	14.65 0.86 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.53 0.34 -8.37	20.49 0.88 0.00	25.35 0.91 0.00	26.04 0.86 0.00	23.65 0.90 0.00	20.53 0.85 0.00	19.74 0.87 0.00	23.45 0.88 0.00	21.10 0.94 0.00	20.57 1.02 0.00	22.21 1.16 -0.03	23.88 1.15 -0.03	32.72 1.66 0.00	33.27 1.75 0.00	31.26 1.77 0.00	27.84 1.53 0.00	25.49 1.29 0.00	25.05 1.25 0.00	23.98 1.08 0.00
CHESTROR_138KV_BK263 355645	16.17 0.64 0.00	14.36 0.57 0.00	14.69 0.37 -4.75	14.49 0.23 -8.27	14.57 0.01 -14.23	13.66 0.23 -7.60	20.20 0.59 0.00	25.01 0.57 0.00	25.67 0.49 0.00	23.24 0.48 0.00	20.12 0.45 0.00	19.34 0.47 0.00	23.01 0.45 0.00	20.67 0.51 0.00	20.15 0.59 0.00	21.77 0.72 -0.03	23.49 0.76 -0.03	32.20 1.15 0.00	32.75 1.25 0.00	30.75 1.26 0.00	27.37 1.05 0.00	25.07 0.87 0.00	24.63 0.83 0.00	23.60 0.70 0.00
CH_MIDHUDSON___DRP 24192	16.32 0.79 0.00	14.50 0.71 0.00	15.40 0.47 -5.35	15.61 0.29 -9.32	16.39 0.02 -16.05	14.68 0.29 -8.57	20.37 0.76 0.00	25.20 0.75 0.00	25.82 0.64 0.00	23.39 0.63 0.00	20.26 0.59 0.00	19.47 0.60 0.00	23.12 0.56 0.00	20.78 0.62 0.00	20.24 0.69 0.00	21.87 0.83 -0.02	23.60 0.88 -0.02	32.39 1.34 0.00	32.97 1.46 0.00	30.95 1.46 0.00	27.57 1.26 0.00	25.24 1.04 0.00	24.81 1.01 0.00	23.75 0.85 0.00
CH_MISC_IPPS 23765	16.39 0.86 0.00	14.55 0.77 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.45 0.84 0.00	25.31 0.86 0.00	25.95 0.77 0.00	23.51 0.75 0.00	20.36 0.69 0.00	19.57 0.71 0.00	23.27 0.71 0.00	20.92 0.76 0.00	20.39 0.84 0.00	22.04 1.00 -0.02	23.81 1.09 -0.02	32.67 1.61 0.00	33.25 1.74 0.00	31.19 1.70 0.00	27.78 1.47 0.00	25.43 1.22 0.00	24.97 1.17 0.00	23.90 1.00 0.00

CH_RES_BVR_FALLS 23983	15.41 -0.12 0.00	13.64 -0.15 0.00	9.47 -0.11 0.00	5.91 -0.08 0.00	0.32 -0.01 0.00	5.73 -0.10 0.00	19.33 -0.28 0.00	24.14 -0.30 0.00	24.99 -0.20 0.00	22.60 -0.15 0.00	19.57 -0.10 0.00	18.74 -0.13 0.00	22.40 -0.16 0.00	19.98 -0.18 0.00	19.39 -0.16 0.00	20.72 -0.30 0.00	22.40 -0.30 0.00	30.71 -0.35 0.00	31.04 -0.47 0.00	29.00 -0.49 0.00	25.95 -0.36 0.00	23.75 -0.45 0.00	23.18 -0.62 0.00	22.30 -0.60 0.00
CH_RES_NIAGARA 23895	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.96 -1.48 0.00	23.97 -1.21 0.00	21.76 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.63 -1.43 0.00	29.73 -1.79 0.00	27.85 -1.63 0.01	24.93 -1.38 0.00	23.20 -1.00 0.00	22.76 -1.04 0.00	22.28 -0.62 0.00
CH_RES_SYRACUSE 23985	15.43 -0.10 0.00	13.69 -0.09 0.00	10.01 -0.07 -0.50	6.83 -0.03 -0.86	1.81 0.00 -1.49	6.60 -0.03 -0.79	19.63 0.02 0.00	24.60 0.16 0.00	25.37 0.19 0.00	22.94 0.19 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.80 0.24 0.00	20.41 0.24 0.00	19.74 0.18 0.00	21.31 0.30 0.00	23.11 0.41 0.00	31.55 0.49 0.00	31.98 0.47 0.00	29.93 0.44 0.00	26.67 0.36 0.00	24.53 0.32 0.00	24.14 0.34 0.00	23.27 0.36 0.00
CLINTON_WT_PWR 323605	15.60 0.07 0.00	13.83 0.04 0.00	9.59 0.01 0.00	5.96 -0.04 0.00	0.33 0.00 0.00	5.75 -0.08 0.00	19.33 -0.28 0.00	24.10 -0.34 0.00	25.17 -0.02 0.00	22.75 0.00 0.00	19.65 -0.02 0.00	18.79 -0.07 0.00	22.71 0.15 0.00	20.09 -0.07 0.00	19.62 0.07 0.00	20.81 -0.21 0.00	22.12 -0.58 0.00	30.53 -0.52 0.00	30.87 -0.64 0.00	28.22 -1.27 0.00	25.23 -1.08 0.00	23.11 -1.10 0.00	22.65 -1.16 0.00	21.90 -1.00 0.00
CLINTON___LFGE 323618	15.79 0.26 0.00	14.00 0.21 0.00	9.71 0.13 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.54 -0.07 0.00	24.37 -0.07 0.00	25.46 0.28 0.00	23.00 0.25 0.00	19.88 0.21 0.00	19.03 0.16 0.00	23.02 0.46 0.00	20.36 0.20 0.00	19.87 0.32 0.00	21.13 0.11 0.00	22.44 -0.26 0.00	30.99 -0.06 0.00	31.40 -0.11 0.00	28.76 -0.73 0.00	25.66 -0.65 0.00	23.44 -0.77 0.00	22.96 -0.84 0.00	22.16 -0.74 0.00
COBBLENY_34_KV_TB1 80064	14.77 -0.76 0.00	13.16 -0.62 0.00	9.96 -0.47 -0.84	7.25 -0.23 -1.47	2.85 -0.02 -2.54	6.98 -0.21 -1.35	18.91 -0.70 0.00	23.60 -0.85 0.00	24.62 -0.57 0.00	22.36 -0.40 0.00	19.08 -0.59 0.00	18.35 -0.51 0.00	22.35 -0.21 0.00	20.09 -0.08 0.00	19.47 -0.09 0.00	21.23 0.21 0.00	22.97 0.27 0.00	30.77 -0.28 0.00	30.97 -0.54 0.00	28.90 -0.58 0.01	25.89 -0.42 0.00	24.07 -0.13 0.00	23.57 -0.24 0.00	22.88 -0.02 0.00
COFFEEN___115KV_TB3 355620	15.72 0.20 0.00	13.90 0.11 0.00	9.89 0.04 -0.27	6.47 0.01 -0.47	1.14 0.00 -0.81	6.25 -0.01 -0.43	19.75 0.14 0.00	24.78 0.34 0.00	25.46 0.28 0.00	22.86 0.11 0.00	19.95 0.28 0.00	18.97 0.11 0.00	22.49 -0.07 0.00	20.35 0.19 0.00	19.28 -0.28 0.00	20.46 -0.55 0.00	22.70 0.00 0.00	31.89 0.83 0.00	32.56 1.05 0.00	30.52 1.03 0.00	27.22 0.91 0.00	24.30 0.10 0.00	23.38 -0.42 0.00	22.44 -0.46 0.00
COLDSPRG_115KV_BK1 355956	15.05 -0.47 0.00	13.41 -0.38 0.00	10.17 -0.30 -0.89	7.44 -0.11 -1.55	3.00 -0.01 -2.67	7.17 -0.08 -1.43	19.38 -0.23 0.00	24.19 -0.25 0.00	25.27 0.08 0.00	23.03 0.27 0.00	19.77 0.10 0.00	18.95 0.09 0.00	23.05 0.49 0.00	20.66 0.49 0.00	19.93 0.37 0.00	21.71 0.69 0.00	23.60 0.90 0.00	31.68 0.62 0.00	31.69 0.17 0.00	29.48 0.00 0.01	26.32 0.01 0.00	24.81 0.61 0.00	24.17 0.37 0.00	23.38 0.48 0.00
COLONIE_LFGE___ 323577	16.10 0.57 0.00	14.31 0.52 0.00	16.77 0.38 -6.81	18.11 0.24 -11.87	20.77 0.01 -20.43	16.97 0.23 -10.91	20.26 0.65 0.00	24.99 0.54 0.00	25.53 0.34 0.00	23.01 0.25 0.00	19.91 0.24 0.00	19.10 0.24 0.00	22.70 0.14 0.00	20.35 0.18 0.00	19.77 0.21 0.00	21.34 0.37 0.05	23.13 0.48 0.05	31.91 0.86 0.00	32.57 1.06 0.00	30.58 1.09 0.00	27.26 0.95 0.00	24.92 0.72 0.00	24.51 0.71 0.00	23.42 0.52 0.00
COOPERNY_115KV_TB1 80082	15.98 0.46 0.00	14.19 0.41 0.00	13.39 0.27 -3.54	12.34 0.17 -6.18	10.97 0.01 -10.63	11.67 0.17 -5.68	20.04 0.43 0.00	24.84 0.40 0.00	25.53 0.35 0.00	23.10 0.34 0.00	20.00 0.33 0.00	19.20 0.34 0.00	22.88 0.32 0.00	20.54 0.37 0.00	19.99 0.43 0.00	21.57 0.54 -0.02	23.28 0.57 -0.02	31.90 0.84 0.00	32.43 0.92 0.00	30.41 0.92 0.00	27.08 0.77 0.00	24.84 0.63 0.00	24.40 0.60 0.00	23.41 0.51 0.00
COPENHAGEN_WT_PWR 323753	15.58 0.05 0.00	13.78 -0.01 0.00	9.82 -0.04 -0.28	6.44 -0.04 -0.48	1.16 0.00 -0.83	6.22 -0.05 -0.44	19.58 -0.03 0.00	24.57 0.13 0.00	25.28 0.10 0.00	22.75 -0.01 0.00	19.80 0.13 0.00	18.83 -0.04 0.00	22.28 -0.29 0.00	20.09 -0.07 0.00	19.10 -0.45 0.00	20.18 -0.83 0.00	22.38 -0.32 0.00	31.46 0.40 0.00	32.05 0.54 0.00	30.09 0.60 0.00	26.81 0.50 0.00	23.77 -0.43 0.00	22.84 -0.96 0.00	21.94 -0.96 0.00
CORNELL____ 23752	15.67 0.14 0.00	13.90 0.11 0.00	10.73 0.07 -1.07	7.93 0.06 -1.87	3.56 0.00 -3.22	7.61 0.06 -1.72	19.88 0.28 0.00	24.81 0.37 0.00	25.58 0.39 0.00	23.08 0.33 0.00	19.92 0.25 0.00	19.07 0.20 0.00	22.86 0.30 0.00	20.49 0.33 0.00	19.85 0.29 0.00	21.48 0.47 0.00	23.39 0.68 0.00	32.02 0.97 0.00	32.54 1.03 0.00	30.47 0.98 0.00	27.12 0.81 0.00	24.93 0.73 0.00	24.47 0.67 0.00	23.54 0.64 0.00
CORONAAV_69_KV_TB1 355595	16.73 1.21 0.00	14.85 1.06 0.00	15.48 0.67 -5.23	15.50 0.39 -9.11	16.03 0.02 -15.68	14.61 0.41 -8.37	20.72 1.11 0.00	25.65 1.21 0.00	26.37 1.18 0.00	23.86 1.11 0.00	20.70 1.02 0.00	19.93 1.07 0.00	23.58 1.02 0.00	21.23 1.06 0.00	20.71 1.15 0.00	22.29 1.24 -0.03	23.99 1.25 -0.03	32.92 1.86 0.00	33.59 2.08 0.00	31.52 2.03 0.00	28.05 1.74 0.00	25.63 1.43 0.00	25.18 1.38 0.00	24.27 1.37 0.00
CORTLAND_115KV_TB3 80093	15.57 0.04 0.00	13.83 0.04 0.00	10.48 0.02 -0.88	7.55 0.02 -1.53	2.96 0.00 -2.63	7.26 0.03 -1.40	19.76 0.15 0.00	24.65 0.21 0.00	25.41 0.22 0.00	22.94 0.19 0.00	19.82 0.15 0.00	19.00 0.13 0.00	22.77 0.21 0.00	20.40 0.23 0.00	19.76 0.21 0.00	21.34 0.33 0.00	23.19 0.49 0.00	31.74 0.68 0.00	32.21 0.71 0.00	30.15 0.66 0.00	26.87 0.56 0.00	24.69 0.48 0.00	24.24 0.43 0.00	23.33 0.43 0.00
COXSACKIE___GT 23611	16.45 0.93 0.00	14.61 0.82 0.00	16.43 0.57 -6.28	17.30 0.36 -10.95	19.20 0.02 -18.84	16.25 0.37 -10.06	20.71 1.11 0.00	25.59 1.15 0.00	26.06 0.88 0.00	23.35 0.60 0.00	19.94 0.27 0.00	19.08 0.21 0.00	22.71 0.15 0.00	20.46 0.30 0.00	19.87 0.31 0.00	21.47 0.47 0.02	23.49 0.80 0.02	32.75 1.70 0.00	33.60 2.09 0.00	31.73 2.25 0.00	28.32 2.01 0.00	25.86 1.65 0.00	25.30 1.50 0.00	24.14 1.24 0.00

CPV_VALLEY___CC1 323721	16.05 0.52 0.00	14.26 0.47 0.00	14.20 0.30 -4.32	13.71 0.19 -7.52	13.29 0.01 -12.95	12.93 0.19 -6.91	20.06 0.45 0.00	24.85 0.41 0.00	25.52 0.33 0.00	23.10 0.35 0.00	20.02 0.35 0.00	19.22 0.36 0.00	22.87 0.31 0.00	20.55 0.39 0.00	20.02 0.47 0.00	21.62 0.58 -0.02	23.31 0.59 -0.02	31.95 0.89 0.00	32.50 0.99 0.00	30.50 1.01 0.00	27.15 0.84 0.00	24.88 0.68 0.00	24.46 0.65 0.00	23.44 0.54 0.00
CPV_VALLEY___CC2 323722	16.05 0.52 0.00	14.26 0.47 0.00	14.20 0.30 -4.32	13.71 0.19 -7.52	13.29 0.01 -12.95	12.93 0.19 -6.91	20.06 0.45 0.00	24.85 0.41 0.00	25.52 0.33 0.00	23.10 0.35 0.00	20.02 0.35 0.00	19.22 0.36 0.00	22.87 0.31 0.00	20.55 0.39 0.00	20.02 0.47 0.00	21.62 0.58 -0.02	23.31 0.59 -0.02	31.95 0.89 0.00	32.50 0.99 0.00	30.50 1.01 0.00	27.15 0.84 0.00	24.88 0.68 0.00	24.46 0.65 0.00	23.44 0.54 0.00
CRESCENT___HYD 24018	16.10 0.57 0.00	14.31 0.52 0.00	16.77 0.38 -6.81	18.11 0.24 -11.87	20.77 0.01 -20.43	16.97 0.23 -10.91	20.26 0.65 0.00	24.99 0.54 0.00	25.53 0.34 0.00	23.01 0.25 0.00	19.91 0.24 0.00	19.10 0.24 0.00	22.70 0.14 0.00	20.35 0.18 0.00	19.77 0.21 0.00	21.34 0.37 0.05	23.13 0.48 0.05	31.91 0.86 0.00	32.57 1.06 0.00	30.58 1.09 0.00	27.26 0.95 0.00	24.92 0.72 0.00	24.51 0.71 0.00	23.42 0.52 0.00
CRICKET___VALLEY_CC1 323756	16.17 0.64 0.00	14.38 0.60 0.00	15.55 0.39 -5.58	15.95 0.24 -9.71	17.06 0.01 -16.72	14.99 0.24 -8.93	20.20 0.59 0.00	24.94 0.50 0.00	25.49 0.30 0.00	23.09 0.33 0.00	19.99 0.32 0.00	19.20 0.33 0.00	22.76 0.20 0.00	20.45 0.29 0.00	19.93 0.37 0.00	21.02 0.47 0.47	22.70 0.48 0.48	31.85 0.79 0.00	32.46 0.94 0.00	30.47 0.98 0.00	27.19 0.87 0.00	24.89 0.69 0.00	24.52 0.71 0.00	23.46 0.56 0.00
CRICKET___VALLEY_CC2 323757	16.17 0.64 0.00	14.38 0.60 0.00	15.55 0.39 -5.58	15.95 0.24 -9.71	17.06 0.01 -16.72	14.99 0.24 -8.93	20.20 0.59 0.00	24.94 0.50 0.00	25.49 0.30 0.00	23.09 0.33 0.00	19.99 0.32 0.00	19.20 0.33 0.00	22.76 0.20 0.00	20.45 0.29 0.00	19.93 0.37 0.00	21.02 0.47 0.47	22.70 0.48 0.48	31.85 0.79 0.00	32.46 0.94 0.00	30.47 0.98 0.00	27.19 0.87 0.00	24.89 0.69 0.00	24.52 0.71 0.00	23.46 0.56 0.00
CRICKET___VALLEY_CC3 323758	16.17 0.64 0.00	14.38 0.60 0.00	15.55 0.39 -5.58	15.95 0.24 -9.71	17.06 0.01 -16.72	14.99 0.24 -8.93	20.20 0.59 0.00	24.94 0.50 0.00	25.49 0.30 0.00	23.09 0.33 0.00	19.99 0.32 0.00	19.20 0.33 0.00	22.76 0.20 0.00	20.45 0.29 0.00	19.93 0.37 0.00	21.02 0.47 0.47	22.70 0.48 0.48	31.85 0.79 0.00	32.46 0.94 0.00	30.47 0.98 0.00	27.19 0.87 0.00	24.89 0.69 0.00	24.52 0.71 0.00	23.46 0.56 0.00
CRUCIBLE_METL_DRP 24180	15.43 -0.10 0.00	13.69 -0.09 0.00	10.01 -0.07 -0.50	6.83 -0.03 -0.86	1.81 0.00 -1.49	6.60 -0.03 -0.79	19.63 0.02 0.00	24.60 0.16 0.00	25.37 0.19 0.00	22.94 0.19 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.80 0.24 0.00	20.41 0.25 0.00	19.74 0.18 0.00	21.31 0.30 0.00	23.11 0.41 0.00	31.55 0.49 0.00	31.98 0.47 0.00	29.92 0.43 0.00	26.67 0.36 0.00	24.53 0.32 0.00	24.14 0.34 0.00	23.26 0.36 0.00
DAHOWA___HYDRO 323763	16.33 0.80 0.00	14.51 0.73 0.00	17.04 0.53 -6.93	18.41 0.33 -12.08	21.14 0.02 -20.79	17.26 0.34 -11.10	20.64 1.03 0.00	25.50 1.05 0.00	26.07 0.88 0.00	23.47 0.71 0.00	20.23 0.56 0.00	19.41 0.55 0.00	23.14 0.58 0.00	20.66 0.49 0.00	20.09 0.53 0.00	21.73 0.76 0.04	23.68 1.02 0.04	32.73 1.67 0.00	33.56 2.05 0.00	31.50 2.01 0.00	28.07 1.76 0.00	25.67 1.47 0.00	25.19 1.39 0.00	24.05 1.15 0.00
DANC___LFGE 323619	15.42 -0.11 0.00	13.66 -0.13 0.00	9.79 -0.11 -0.32	6.48 -0.08 -0.56	1.29 -0.01 -0.96	6.26 -0.08 -0.52	19.47 -0.14 0.00	24.43 -0.01 0.00	25.16 -0.03 0.00	22.67 -0.08 0.00	19.68 0.00 0.00	18.78 -0.09 0.00	22.32 -0.24 0.00	20.07 -0.09 0.00	19.21 -0.35 0.00	20.47 -0.55 0.00	22.49 -0.21 0.00	31.29 0.23 0.00	31.81 0.30 0.00	29.83 0.34 0.00	26.59 0.28 0.00	23.92 -0.28 0.00	23.22 -0.58 0.00	22.33 -0.57 0.00
DANSKAMMER___1 23586	16.39 0.86 0.00	14.55 0.77 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.45 0.84 0.00	25.31 0.86 0.00	25.95 0.77 0.00	23.51 0.75 0.00	20.36 0.69 0.00	19.57 0.71 0.00	23.27 0.71 0.00	20.92 0.76 0.00	20.39 0.84 0.00	22.04 1.00 -0.02	23.81 1.09 -0.02	32.67 1.61 0.00	33.25 1.74 0.00	31.19 1.70 0.00	27.78 1.47 0.00	25.43 1.22 0.00	24.97 1.17 0.00	23.90 1.00 0.00
DANSKAMMER___2 23589	16.39 0.86 0.00	14.55 0.77 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.45 0.84 0.00	25.31 0.86 0.00	25.95 0.77 0.00	23.51 0.75 0.00	20.36 0.69 0.00	19.57 0.71 0.00	23.27 0.71 0.00	20.92 0.76 0.00	20.39 0.84 0.00	22.04 1.00 -0.02	23.81 1.09 -0.02	32.67 1.61 0.00	33.25 1.74 0.00	31.19 1.70 0.00	27.78 1.47 0.00	25.43 1.22 0.00	24.97 1.17 0.00	23.90 1.00 0.00
DANSKAMMER___3 23590	16.39 0.86 0.00	14.55 0.77 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.45 0.84 0.00	25.31 0.86 0.00	25.95 0.77 0.00	23.51 0.75 0.00	20.36 0.69 0.00	19.57 0.71 0.00	23.27 0.71 0.00	20.92 0.76 0.00	20.39 0.84 0.00	22.04 1.00 -0.02	23.81 1.09 -0.02	32.67 1.61 0.00	33.25 1.74 0.00	31.19 1.70 0.00	27.78 1.47 0.00	25.43 1.22 0.00	24.97 1.17 0.00	23.90 1.00 0.00
DANSKAMMER___4 23591	16.39 0.86 0.00	14.55 0.77 0.00	15.31 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.45 0.84 0.00	25.31 0.86 0.00	25.95 0.77 0.00	23.51 0.75 0.00	20.36 0.69 0.00	19.57 0.71 0.00	23.27 0.71 0.00	20.92 0.76 0.00	20.39 0.84 0.00	22.04 1.00 -0.02	23.81 1.09 -0.02	32.67 1.61 0.00	33.25 1.74 0.00	31.19 1.70 0.00	27.78 1.47 0.00	25.43 1.22 0.00	24.97 1.17 0.00	23.90 1.00 0.00
DANSKAMMER___DIESEL 23592	16.39 0.86 0.00	14.55 0.77 0.00	15.31 0.50 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.45 0.84 0.00	25.31 0.86 0.00	25.95 0.77 0.00	23.51 0.75 0.00	20.36 0.69 0.00	19.57 0.71 0.00	23.27 0.71 0.00	20.92 0.76 0.00	20.39 0.84 0.00	22.04 1.00 -0.02	23.81 1.08 -0.02	32.67 1.61 0.00	33.25 1.74 0.00	31.20 1.71 0.00	27.78 1.47 0.00	25.43 1.22 0.00	24.97 1.17 0.00	23.90 1.00 0.00
DARBY___SOLAR 323810	16.29 0.76 0.00	14.48 0.69 0.00	17.00 0.50 -6.92	18.37 0.32 -12.05	21.09 0.02 -20.74	17.22 0.32 -11.07	20.57 0.96 0.00	25.42 0.97 0.00	25.98 0.79 0.00	23.39 0.63 0.00	20.16 0.49 0.00	19.35 0.48 0.00	23.05 0.49 0.00	20.59 0.43 0.00	20.02 0.47 0.00	21.66 0.68 0.04	23.58 0.92 0.04	32.58 1.53 0.00	33.38 1.87 0.00	31.33 1.85 0.00	27.93 1.61 0.00	25.55 1.34 0.00	25.08 1.27 0.00	23.95 1.05 0.00

DASHVILLE___HYD 23610	16.23 0.70 0.00	14.41 0.62 0.00	15.37 0.38 -5.41	15.67 0.23 -9.43	16.58 0.01 -16.24	14.74 0.24 -8.67	20.20 0.59 0.00	25.02 0.58 0.00	25.68 0.49 0.00	23.27 0.52 0.00	20.17 0.50 0.00	19.39 0.52 0.00	23.01 0.45 0.00	20.68 0.52 0.00	20.14 0.59 0.00	21.73 0.70 -0.01	23.43 0.72 -0.01	32.13 1.08 0.00	32.69 1.18 0.00	30.69 1.20 0.00	27.33 1.01 0.00	25.02 0.82 0.00	24.60 0.79 0.00	23.55 0.65 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.48 1.95 0.00	15.48 1.70 0.00	15.91 1.10 -5.23	15.76 0.65 -9.11	16.05 0.04 -15.68	14.86 0.66 -8.37	21.55 1.94 0.00	26.67 2.23 0.00	27.52 2.34 0.00	24.95 2.20 0.00	21.62 1.95 0.00	20.83 1.97 0.00	24.77 2.21 0.00	22.33 2.17 0.00	21.84 2.28 0.00	23.54 2.49 -0.03	25.33 2.60 -0.03	34.88 3.82 0.00	35.64 4.13 0.00	33.50 4.01 0.00	29.69 3.38 0.00	27.05 2.84 0.00	26.53 2.73 0.00	25.56 2.66 0.00
DELAWARE___LFGE 323621	15.93 0.40 0.00	14.14 0.35 0.00	11.73 0.26 -1.89	9.46 0.16 -3.29	6.01 0.01 -5.67	9.02 0.16 -3.03	20.08 0.47 0.00	24.94 0.50 0.00	25.69 0.51 0.00	23.25 0.50 0.00	20.10 0.43 0.00	19.29 0.42 0.00	23.04 0.48 0.00	20.63 0.47 0.00	20.03 0.48 0.00	21.61 0.59 0.00	23.34 0.64 0.00	31.97 0.91 0.00	32.48 0.96 0.00	30.44 0.95 0.00	27.10 0.79 0.00	24.88 0.68 0.00	24.44 0.64 0.00	23.47 0.57 0.00
DERFIELD_115KV_TB7 355931	15.55 0.02 0.00	13.80 0.01 0.00	9.59 0.01 0.00	6.01 0.00 0.00	0.33 0.00 0.00	5.83 0.00 0.00	19.61 0.00 0.00	24.43 -0.01 0.00	25.15 -0.04 0.00	22.73 -0.03 0.00	19.65 -0.02 0.00	18.85 -0.02 0.00	22.51 -0.05 0.00	20.13 -0.02 0.00	19.53 -0.02 0.00	21.01 0.00 0.00	22.73 0.02 0.00	31.14 0.09 0.00	31.62 0.11 0.00	29.61 0.12 0.00	26.42 0.11 0.00	24.25 0.05 0.00	23.82 0.02 0.00	22.90 0.00 0.00
DOGLEVILLE___HYD 23807	15.50 -0.03 0.00	13.78 0.00 0.00	9.60 0.02 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.84 0.02 0.00	19.49 -0.11 0.00	24.02 -0.42 0.00	24.45 -0.74 0.00	21.91 -0.85 0.00	18.95 -0.72 0.00	18.21 -0.66 0.00	21.59 -0.97 0.00	19.35 -0.81 0.00	18.91 -0.64 0.00	20.45 -0.57 0.00	22.36 -0.34 0.00	30.90 -0.16 0.00	31.62 0.11 0.00	29.77 0.29 0.00	26.54 0.23 0.00	24.24 0.03 0.00	23.75 -0.05 0.00	22.61 -0.29 0.00
DUNKIRK___115KV_TB_200 55889	14.78 -0.75 0.00	13.15 -0.64 0.00	9.95 -0.47 -0.84	7.25 -0.22 -1.47	2.85 -0.01 -2.53	7.00 -0.18 -1.35	19.01 -0.60 0.00	23.69 -0.75 0.00	24.76 -0.43 0.00	22.51 -0.24 0.00	19.32 -0.36 0.00	18.60 -0.27 0.00	22.62 0.06 0.00	20.29 0.13 0.00	19.56 0.01 0.00	21.33 0.31 0.00	23.16 0.46 0.00	31.03 -0.03 0.00	31.01 -0.50 0.00	28.91 -0.57 0.01	25.86 -0.46 0.00	24.33 0.12 0.00	23.73 -0.07 0.00	22.99 0.08 0.00
DUNKIRK___1 23563	14.78 -0.75 0.00	13.15 -0.64 0.00	9.95 -0.47 -0.84	7.25 -0.22 -1.47	2.85 -0.01 -2.53	7.00 -0.18 -1.35	19.01 -0.60 0.00	23.69 -0.75 0.00	24.76 -0.43 0.00	22.51 -0.24 0.00	19.32 -0.36 0.00	18.60 -0.27 0.00	22.62 0.06 0.00	20.29 0.13 0.00	19.56 0.01 0.00	21.33 0.31 0.00	23.16 0.46 0.00	31.03 -0.03 0.00	31.01 -0.50 0.00	28.91 -0.57 0.01	25.86 -0.46 0.00	24.33 0.12 0.00	23.73 -0.07 0.00	22.99 0.08 0.00
DUNKIRK___2 23564	14.78 -0.75 0.00	13.15 -0.64 0.00	9.95 -0.47 -0.84	7.25 -0.22 -1.47	2.85 -0.01 -2.53	7.00 -0.18 -1.35	19.01 -0.60 0.00	23.69 -0.75 0.00	24.76 -0.43 0.00	22.51 -0.24 0.00	19.32 -0.36 0.00	18.60 -0.27 0.00	22.62 0.06 0.00	20.29 0.13 0.00	19.56 0.01 0.00	21.33 0.31 0.00	23.16 0.46 0.00	31.03 -0.03 0.00	31.01 -0.50 0.00	28.91 -0.57 0.01	25.86 -0.46 0.00	24.33 0.12 0.00	23.73 -0.07 0.00	22.99 0.08 0.00
DUNKIRK___3 23565	14.78 -0.74 0.00	13.17 -0.62 0.00	9.96 -0.46 -0.84	7.25 -0.22 -1.46	2.83 -0.01 -2.52	6.99 -0.18 -1.35	18.99 -0.62 0.00	23.66 -0.78 0.00	24.71 -0.48 0.00	22.45 -0.31 0.00	19.22 -0.45 0.00	18.49 -0.38 0.00	22.49 -0.07 0.00	20.19 0.03 0.00	19.50 -0.05 0.00	21.25 0.24 0.00	23.06 0.36 0.00	30.90 -0.16 0.00	30.97 -0.54 0.00	28.89 -0.58 0.01	25.84 -0.47 0.00	24.19 -0.02 0.00	23.62 -0.18 0.00	22.92 0.02 0.00
DUNKIRK___4 23566	14.78 -0.74 0.00	13.17 -0.62 0.00	9.96 -0.46 -0.84	7.25 -0.22 -1.46	2.83 -0.01 -2.52	6.99 -0.18 -1.35	18.99 -0.62 0.00	23.66 -0.78 0.00	24.71 -0.48 0.00	22.45 -0.31 0.00	19.22 -0.45 0.00	18.49 -0.38 0.00	22.49 -0.07 0.00	20.19 0.03 0.00	19.50 -0.05 0.00	21.25 0.24 0.00	23.06 0.36 0.00	30.90 -0.16 0.00	30.97 -0.54 0.00	28.89 -0.58 0.01	25.84 -0.47 0.00	24.19 -0.02 0.00	23.62 -0.18 0.00	22.92 0.02 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.40 0.88 0.00	14.57 0.78 0.00	15.31 0.50 -5.23	15.41 0.31 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.42 0.81 0.00	25.26 0.82 0.00	25.94 0.75 0.00	23.52 0.76 0.00	20.40 0.73 0.00	19.62 0.75 0.00	23.28 0.72 0.00	20.95 0.78 0.00	20.43 0.87 0.00	22.06 1.00 -0.03	23.75 1.02 -0.03	32.54 1.49 0.00	33.10 1.59 0.00	31.10 1.61 0.00	27.69 1.38 0.00	25.36 1.15 0.00	24.92 1.12 0.00	23.86 0.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.26 0.73 0.00	14.44 0.65 0.00	15.03 0.42 -5.03	15.01 0.26 -8.76	15.42 0.02 -15.07	14.14 0.27 -8.05	20.29 0.69 0.00	25.13 0.69 0.00	25.80 0.61 0.00	23.35 0.59 0.00	20.22 0.55 0.00	19.43 0.56 0.00	23.10 0.54 0.00	20.77 0.61 0.00	20.25 0.69 0.00	21.87 0.83 -0.02	23.62 0.90 -0.02	32.40 1.34 0.00	32.97 1.46 0.00	30.95 1.46 0.00	27.54 1.23 0.00	25.23 1.02 0.00	24.78 0.97 0.00	23.73 0.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	16.42 0.90 0.00	14.59 0.81 0.00	15.31 0.50 -5.23	15.41 0.31 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.39 0.78 0.00	25.27 0.82 0.00	25.95 0.76 0.00	23.56 0.81 0.00	20.44 0.77 0.00	19.62 0.76 0.00	23.25 0.69 0.00	20.97 0.80 0.00	20.44 0.89 0.00	22.07 1.02 -0.03	23.74 1.01 -0.03	32.53 1.48 0.00	33.09 1.57 0.00	31.12 1.63 0.00	27.70 1.39 0.00	25.35 1.15 0.00	24.92 1.12 0.00	23.88 0.98 0.00
E179THST_13_KV_LOAD 356214	16.49 0.96 0.00	14.65 0.87 0.00	15.35 0.55 -5.23	15.44 0.33 -9.11	16.02 0.02 -15.68	14.53 0.33 -8.37	20.47 0.86 0.00	25.37 0.93 0.00	26.05 0.87 0.00	23.66 0.91 0.00	20.53 0.86 0.00	19.71 0.85 0.00	23.36 0.80 0.00	21.07 0.91 0.00	20.54 0.99 0.00	22.18 1.13 -0.03	23.86 1.13 -0.03	32.70 1.64 0.00	33.26 1.74 0.00	31.27 1.78 0.00	27.84 1.53 0.00	25.47 1.27 0.00	25.04 1.23 0.00	24.00 1.10 0.00
EAST HAMPTON___GT 23717	17.70 2.17 0.00	15.68 1.89 0.00	16.04 1.23 -5.23	15.84 0.74 -9.11	16.05 0.04 -15.68	14.94 0.74 -8.37	21.81 2.20 0.00	27.03 2.59 0.00	27.93 2.74 0.00	25.35 2.59 0.00	21.97 2.30 0.00	21.19 2.32 0.00	25.22 2.66 0.00	22.74 2.58 0.00	22.24 2.69 0.00	24.00 2.95 -0.03	25.84 3.11 -0.03	35.58 4.53 0.00	36.32 4.81 0.00	34.14 4.65 0.00	30.26 3.95 0.00	27.55 3.34 0.00	26.98 3.18 0.00	25.96 3.06 0.00

EAST RIVER___6 23660	16.50 0.97 0.00	14.65 0.87 0.00	15.35 0.55 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.53 0.33 -8.37	20.46 0.85 0.00	25.30 0.86 0.00	26.01 0.83 0.00	23.63 0.87 0.00	20.48 0.81 0.00	19.70 0.83 0.00	23.39 0.83 0.00	21.03 0.87 0.00	20.53 0.97 0.00	22.15 1.10 -0.03	23.82 1.09 -0.03	32.65 1.60 0.00	33.20 1.69 0.00	31.23 1.74 0.00	27.81 1.50 0.00	25.47 1.26 0.00	25.03 1.23 0.00	23.93 1.03 0.00
EAST RIVER___7 23524	16.50 0.97 0.00	14.65 0.87 0.00	15.35 0.55 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.53 0.33 -8.37	20.46 0.85 0.00	25.30 0.86 0.00	26.01 0.83 0.00	23.63 0.87 0.00	20.48 0.81 0.00	19.70 0.83 0.00	23.39 0.83 0.00	21.03 0.87 0.00	20.53 0.97 0.00	22.15 1.10 -0.03	23.82 1.09 -0.03	32.65 1.60 0.00	33.20 1.69 0.00	31.23 1.74 0.00	27.81 1.50 0.00	25.47 1.26 0.00	25.03 1.23 0.00	23.93 1.03 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.36 0.83 0.00	14.53 0.74 0.00	15.27 0.48 -5.21	15.37 0.29 -9.08	15.98 0.02 -15.63	14.47 0.30 -8.35	20.38 0.77 0.00	25.21 0.77 0.00	25.88 0.70 0.00	23.46 0.71 0.00	20.35 0.68 0.00	19.56 0.70 0.00	23.24 0.68 0.00	20.90 0.74 0.00	20.38 0.82 0.00	22.01 0.96 -0.03	23.70 0.97 -0.03	32.49 1.43 0.00	33.06 1.55 0.00	31.04 1.55 0.00	27.64 1.33 0.00	25.30 1.10 0.00	24.87 1.07 0.00	23.82 0.91 0.00
EAST_HAMPTON___DIESEL 23722	17.70 2.18 0.00	15.68 1.89 0.00	16.04 1.23 -5.23	15.84 0.74 -9.11	16.05 0.04 -15.68	14.94 0.74 -8.37	21.81 2.20 0.00	27.03 2.59 0.00	27.93 2.74 0.00	25.35 2.60 0.00	21.97 2.30 0.00	21.19 2.33 0.00	25.23 2.67 0.00	22.74 2.58 0.00	22.25 2.70 0.00	24.00 2.96 -0.03	25.84 3.11 -0.03	35.59 4.53 0.00	36.32 4.81 0.00	34.15 4.66 0.00	30.26 3.95 0.00	27.55 3.34 0.00	26.98 3.18 0.00	25.97 3.07 0.00
EAST_PULASKI___ESR 323781	15.31 -0.22 0.00	13.58 -0.21 0.00	9.78 -0.16 -0.36	6.54 -0.10 -0.64	1.42 -0.01 -1.09	6.32 -0.10 -0.58	19.42 -0.19 0.00	24.37 -0.07 0.00	25.11 -0.08 0.00	22.67 -0.09 0.00	19.61 -0.06 0.00	18.78 -0.08 0.00	22.44 -0.12 0.00	20.11 -0.05 0.00	19.37 -0.19 0.00	20.79 -0.23 0.00	22.66 -0.05 0.00	31.20 0.14 0.00	31.68 0.17 0.00	29.65 0.16 0.00	26.44 0.13 0.00	24.12 -0.09 0.00	23.63 -0.17 0.00	22.76 -0.14 0.00
EAST_RIVER___1 323558	16.45 0.92 0.00	14.61 0.82 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.98 0.79 0.00	23.59 0.83 0.00	20.46 0.79 0.00	19.68 0.81 0.00	23.37 0.81 0.00	21.03 0.87 0.00	20.51 0.96 0.00	22.14 1.09 -0.03	23.81 1.07 -0.03	32.62 1.56 0.00	33.16 1.66 0.00	31.16 1.68 0.00	27.75 1.44 0.00	25.42 1.22 0.00	24.98 1.18 0.00	23.91 1.01 0.00
EAST_RIVER___2 323559	16.50 0.97 0.00	14.65 0.87 0.00	15.35 0.55 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.53 0.33 -8.37	20.46 0.85 0.00	25.30 0.86 0.00	26.01 0.83 0.00	23.63 0.87 0.00	20.48 0.81 0.00	19.70 0.83 0.00	23.39 0.83 0.00	21.03 0.87 0.00	20.53 0.97 0.00	22.15 1.10 -0.03	23.82 1.09 -0.03	32.65 1.60 0.00	33.20 1.69 0.00	31.23 1.74 0.00	27.81 1.50 0.00	25.47 1.26 0.00	25.03 1.23 0.00	23.93 1.03 0.00
EAST___DELAWARE_HYD 23607	16.03 0.51 0.00	14.22 0.44 0.00	14.39 0.27 -4.54	14.07 0.16 -7.90	13.94 0.01 -13.60	13.26 0.17 -7.27	20.02 0.41 0.00	24.79 0.35 0.00	25.45 0.27 0.00	22.99 0.23 0.00	19.91 0.24 0.00	19.08 0.21 0.00	22.71 0.15 0.00	20.43 0.27 0.00	19.88 0.33 0.00	21.50 0.47 -0.02	23.28 0.56 -0.02	31.99 0.93 0.00	32.67 1.16 0.00	30.71 1.22 0.00	27.30 0.99 0.00	25.03 0.82 0.00	24.58 0.77 0.00	23.48 0.58 0.00
EIGHT_POINT___WT_PWR 323820	14.58 -0.94 0.00	12.93 -0.86 0.00	9.97 -0.61 -1.00	7.42 -0.32 -1.74	3.31 -0.02 -2.99	7.14 -0.29 -1.60	18.64 -0.97 0.00	23.37 -1.07 0.00	24.57 -0.62 0.00	22.44 -0.32 0.00	19.28 -0.39 0.00	18.43 -0.44 0.00	22.42 -0.14 0.00	20.18 0.02 0.00	19.43 -0.13 0.00	21.05 0.04 0.00	22.97 0.27 0.00	31.14 0.09 0.00	31.35 -0.16 0.00	28.98 -0.54 -0.04	25.41 -0.90 0.00	23.68 -0.53 0.00	23.14 -0.67 0.00	22.32 -0.58 0.00
ELBRIDGE_115KV_TB2 80188	15.36 -0.17 0.00	13.62 -0.17 0.00	10.01 -0.11 -0.54	6.88 -0.05 -0.93	1.93 0.00 -1.61	6.63 -0.05 -0.86	19.54 -0.07 0.00	24.48 0.03 0.00	25.25 0.07 0.00	22.83 0.08 0.00	19.69 0.02 0.00	18.90 0.03 0.00	22.67 0.11 0.00	20.29 0.13 0.00	19.62 0.07 0.00	21.19 0.17 0.00	22.98 0.28 0.00	31.33 0.27 0.00	31.80 0.29 0.00	29.75 0.27 0.00	26.52 0.21 0.00	24.39 0.19 0.00	24.02 0.22 0.00	23.14 0.24 0.00
ELEC_TRO_TEK 24086	16.62 1.09 0.00	14.75 0.96 0.00	15.42 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.51 1.07 0.00	26.22 1.03 0.00	23.72 0.96 0.00	20.58 0.91 0.00	19.82 0.96 0.00	23.48 0.92 0.00	21.14 0.98 0.00	20.62 1.06 0.00	22.18 1.13 -0.03	23.85 1.11 -0.03	32.73 1.67 0.00	33.40 1.89 0.00	31.34 1.85 0.00	27.90 1.59 0.00	25.51 1.31 0.00	25.08 1.27 0.00	24.14 1.24 0.00
ELLENBURG_WT_PWR 323604	15.60 0.07 0.00	13.83 0.04 0.00	9.59 0.01 0.00	5.96 -0.04 0.00	0.33 0.00 0.00	5.75 -0.08 0.00	19.33 -0.28 0.00	24.10 -0.34 0.00	25.17 -0.02 0.00	22.75 0.00 0.00	19.65 -0.02 0.00	18.79 -0.07 0.00	22.71 0.15 0.00	20.09 -0.07 0.00	19.62 0.07 0.00	20.81 -0.21 0.00	22.12 -0.58 0.00	30.53 -0.52 0.00	30.87 -0.64 0.00	28.22 -1.27 0.00	25.23 -1.08 0.00	23.11 -1.10 0.00	22.65 -1.16 0.00	21.90 -1.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	14.68 -0.85 0.00	13.09 -0.69 0.00	9.87 -0.51 -0.80	7.14 -0.25 -1.39	2.70 -0.02 -2.39	6.87 -0.23 -1.28	18.80 -0.80 0.00	23.48 -0.97 0.00	24.49 -0.69 0.00	22.25 -0.51 0.00	18.99 -0.68 0.00	18.24 -0.62 0.00	22.23 -0.33 0.00	19.97 -0.19 0.00	19.34 -0.21 0.00	21.10 0.08 0.00	22.82 0.12 0.00	30.54 -0.51 0.00	30.69 -0.82 0.00	28.66 -0.81 0.01	25.67 -0.64 0.00	23.90 -0.31 0.00	23.41 -0.39 0.00	22.76 -0.14 0.00
EMPIRE_CC_1 323656	15.92 0.39 0.00	14.16 0.37 0.00	16.27 0.27 -6.42	17.36 0.17 -11.19	19.60 0.01 -19.26	16.27 0.15 -10.28	19.95 0.34 0.00	24.58 0.14 0.00	25.08 -0.10 0.00	22.64 -0.12 0.00	19.62 -0.04 0.00	18.82 -0.05 0.00	22.33 -0.23 0.00	20.04 -0.12 0.00	19.47 -0.08 0.00	20.99 0.03 0.06	22.69 0.05 0.06	31.29 0.23 0.00	31.92 0.40 0.00	29.96 0.47 0.00	26.72 0.41 0.00	24.44 0.23 0.00	24.06 0.25 0.00	22.98 0.08 0.00
EMPIRE_CC_2 323658	15.92 0.39 0.00	14.16 0.37 0.00	16.27 0.27 -6.42	17.36 0.17 -11.19	19.60 0.01 -19.26	16.27 0.15 -10.28	19.95 0.34 0.00	24.58 0.14 0.00	25.08 -0.10 0.00	22.64 -0.12 0.00	19.62 -0.04 0.00	18.82 -0.05 0.00	22.33 -0.23 0.00	20.04 -0.12 0.00	19.47 -0.08 0.00	20.99 0.03 0.06	22.69 0.05 0.06	31.29 0.23 0.00	31.92 0.40 0.00	29.96 0.47 0.00	26.72 0.41 0.00	24.44 0.23 0.00	24.06 0.25 0.00	22.98 0.08 0.00

ENORWICH_115KV_TB1 80156	16.34 0.81 0.00	14.43 0.65 0.00	11.43 0.41 -1.43	8.77 0.28 -2.50	4.64 0.02 -4.30	8.41 0.29 -2.30	20.58 0.97 0.00	25.58 1.14 0.00	26.34 1.16 0.00	23.72 0.96 0.00	20.57 0.89 0.00	19.73 0.87 0.00	23.57 1.01 0.00	21.10 0.94 0.00	20.50 0.94 0.00	22.18 1.16 0.00	24.19 1.49 0.00	33.34 2.29 0.00	34.01 2.50 0.00	31.83 2.34 0.00	28.18 1.87 0.00	25.92 1.72 0.00	25.42 1.62 0.00	24.37 1.47 0.00
ERIE_ST__34_KV_TB1-2 80199	14.90 -0.62 0.00	13.29 -0.50 0.00	10.02 -0.39 -0.83	7.26 -0.18 -1.44	2.80 -0.01 -2.48	6.99 -0.16 -1.33	19.08 -0.53 0.00	23.81 -0.63 0.00	24.83 -0.36 0.00	22.54 -0.21 0.00	19.26 -0.42 0.00	18.50 -0.37 0.00	22.54 -0.02 0.00	20.25 0.09 0.00	19.64 0.08 0.00	21.40 0.38 0.00	23.16 0.45 0.00	31.04 -0.02 0.00	31.22 -0.29 0.00	29.16 -0.32 0.01	26.10 -0.22 0.00	24.27 0.06 0.00	23.76 -0.04 0.00	23.07 0.17 0.00
ERIE_WT_PWR 323693	14.76 -0.77 0.00	13.15 -0.63 0.00	9.92 -0.47 -0.81	7.20 -0.23 -1.42	2.77 -0.02 -2.45	6.93 -0.20 -1.31	18.90 -0.71 0.00	23.59 -0.85 0.00	24.61 -0.57 0.00	22.36 -0.40 0.00	19.08 -0.59 0.00	18.34 -0.53 0.00	22.35 -0.21 0.00	20.08 -0.09 0.00	19.43 -0.12 0.00	21.20 0.18 0.00	22.94 0.24 0.00	30.73 -0.32 0.00	30.89 -0.63 0.00	28.87 -0.60 0.01	25.83 -0.48 0.00	24.05 -0.15 0.00	23.55 -0.25 0.00	22.90 0.00 0.00
ESPRGFLD_115KV_TB1 80157	16.34 0.81 0.00	14.46 0.67 0.00	8.55 0.45 1.48	3.69 0.27 2.57	-4.09 0.02 4.43	3.74 0.28 2.37	20.58 0.97 0.00	25.79 1.35 0.00	26.79 1.60 0.00	24.31 1.55 0.00	20.98 1.31 0.00	20.11 1.24 0.00	24.11 1.54 0.00	21.58 1.42 0.00	20.88 1.33 0.00	22.46 1.47 0.02	24.22 1.54 0.02	33.13 2.07 0.00	33.53 2.02 0.00	31.42 1.93 0.00	27.91 1.60 0.00	25.68 1.47 0.00	25.17 1.37 0.00	24.29 1.40 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	15.66 0.13 0.00	13.89 0.10 0.00	10.72 0.07 -1.07	7.92 0.05 -1.87	3.54 0.00 -3.21	7.60 0.06 -1.71	19.87 0.26 0.00	24.79 0.35 0.00	25.56 0.37 0.00	23.06 0.30 0.00	19.90 0.23 0.00	19.06 0.19 0.00	22.84 0.28 0.00	20.47 0.31 0.00	19.83 0.28 0.00	21.45 0.44 0.00	23.35 0.64 0.00	31.97 0.91 0.00	32.49 0.98 0.00	30.43 0.93 0.00	27.09 0.77 0.00	24.89 0.68 0.00	24.44 0.63 0.00	23.51 0.61 0.00
ETNA____115KV_TB2 80207	15.66 0.13 0.00	13.89 0.10 0.00	10.72 0.07 -1.07	7.92 0.05 -1.87	3.54 0.00 -3.21	7.60 0.06 -1.71	19.87 0.26 0.00	24.79 0.35 0.00	25.56 0.37 0.00	23.06 0.30 0.00	19.90 0.23 0.00	19.06 0.19 0.00	22.84 0.28 0.00	20.47 0.31 0.00	19.83 0.28 0.00	21.45 0.44 0.00	23.35 0.64 0.00	31.97 0.91 0.00	32.49 0.98 0.00	30.43 0.93 0.00	27.09 0.77 0.00	24.89 0.68 0.00	24.44 0.63 0.00	23.51 0.61 0.00
EUCLID__115KV_TB2 356179	15.26 -0.27 0.00	13.55 -0.23 0.00	9.84 -0.17 -0.42	6.64 -0.10 -0.74	1.59 -0.01 -1.27	6.42 -0.09 -0.68	19.41 -0.20 0.00	24.33 -0.11 0.00	25.09 -0.09 0.00	22.70 -0.06 0.00	19.59 -0.08 0.00	18.79 -0.07 0.00	22.54 -0.02 0.00	20.16 0.00 0.00	19.50 -0.05 0.00	21.05 0.03 0.00	22.78 0.08 0.00	31.12 0.06 0.00	31.54 0.03 0.00	29.51 0.02 0.00	26.33 0.02 0.00	24.22 0.01 0.00	23.85 0.05 0.00	23.00 0.10 0.00
E_CANADA_CAP_HY 24051	16.59 1.06 0.00	14.68 0.90 0.00	18.66 0.60 -8.48	21.13 0.36 -14.77	25.77 0.02 -25.42	19.76 0.36 -13.57	20.89 1.29 0.00	26.20 1.75 0.00	27.19 2.01 0.00	24.66 1.90 0.00	21.26 1.58 0.00	20.35 1.49 0.00	24.40 1.83 0.00	21.82 1.65 0.00	21.10 1.55 0.00	22.69 1.69 0.02	24.44 1.76 0.02	33.50 2.44 0.00	33.95 2.44 0.00	31.83 2.34 0.00	28.33 2.02 0.00	26.04 1.84 0.00	25.50 1.69 0.00	24.64 1.74 0.00
E_CANADA_MHWK_HY 24050	15.50 -0.03 0.00	13.78 0.00 0.00	9.60 0.02 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.84 0.02 0.00	19.49 -0.11 0.00	24.02 -0.42 0.00	24.45 -0.74 0.00	21.91 -0.85 0.00	18.95 -0.72 0.00	18.21 -0.66 0.00	21.59 -0.97 0.00	19.35 -0.81 0.00	18.91 -0.64 0.00	20.45 -0.57 0.00	22.36 -0.34 0.00	30.90 -0.16 0.00	31.62 0.11 0.00	29.77 0.29 0.00	26.54 0.23 0.00	24.24 0.03 0.00	23.75 -0.05 0.00	22.61 -0.29 0.00
E_FISHKILL__LBMP 23776	16.26 0.73 0.00	14.44 0.66 0.00	15.38 0.43 -5.37	15.62 0.26 -9.36	16.45 0.02 -16.10	14.69 0.27 -8.60	20.29 0.68 0.00	25.09 0.65 0.00	25.72 0.54 0.00	23.30 0.55 0.00	20.19 0.52 0.00	19.41 0.54 0.00	23.04 0.47 0.00	20.70 0.54 0.00	20.17 0.61 0.00	21.79 0.73 -0.03	23.49 0.75 -0.03	32.20 1.14 0.00	32.78 1.27 0.00	30.77 1.28 0.00	27.41 1.10 0.00	25.10 0.90 0.00	24.68 0.88 0.00	23.64 0.73 0.00
FALCON__SEABRD_CC1 323796	15.78 0.25 0.00	14.00 0.21 0.00	9.71 0.13 0.00	6.04 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.52 -0.09 0.00	24.34 -0.10 0.00	25.44 0.26 0.00	22.98 0.23 0.00	19.86 0.19 0.00	19.02 0.15 0.00	23.00 0.44 0.00	20.35 0.19 0.00	19.86 0.31 0.00	21.10 0.08 0.00	22.43 -0.27 0.00	30.95 -0.10 0.00	31.34 -0.16 0.00	28.68 -0.81 0.00	25.58 -0.73 0.00	23.35 -0.86 0.00	22.88 -0.92 0.00	22.08 -0.82 0.00
FALCON__SEABRD_CC2 323797	15.78 0.25 0.00	14.00 0.21 0.00	9.71 0.13 0.00	6.04 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.52 -0.09 0.00	24.34 -0.10 0.00	25.44 0.26 0.00	22.98 0.23 0.00	19.86 0.19 0.00	19.02 0.15 0.00	23.00 0.44 0.00	20.35 0.19 0.00	19.86 0.31 0.00	21.10 0.08 0.00	22.43 -0.27 0.00	30.95 -0.10 0.00	31.34 -0.16 0.00	28.68 -0.81 0.00	25.58 -0.73 0.00	23.35 -0.86 0.00	22.88 -0.92 0.00	22.08 -0.82 0.00
FAR ROCKAWAY__4 23548	16.86 1.34 0.00	14.96 1.17 0.00	15.56 0.75 -5.23	15.55 0.44 -9.11	16.04 0.03 -15.68	14.65 0.45 -8.37	20.86 1.26 0.00	25.84 1.40 0.00	26.58 1.40 0.00	24.05 1.29 0.00	20.86 1.19 0.00	20.10 1.23 0.00	23.74 1.18 0.00	21.36 1.20 0.00	20.83 1.27 0.00	22.43 1.38 -0.03	24.14 1.41 -0.03	33.13 2.08 0.00	33.81 2.30 0.00	31.72 2.23 0.00	28.21 1.90 0.00	25.78 1.58 0.00	25.32 1.52 0.00	24.41 1.51 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.45 0.93 0.00	14.61 0.83 0.00	15.34 0.53 -5.23	15.42 0.32 -9.11	16.02 0.02 -15.68	14.52 0.33 -8.37	20.45 0.84 0.00	25.30 0.86 0.00	25.99 0.81 0.00	23.60 0.85 0.00	20.48 0.81 0.00	19.69 0.83 0.00	23.39 0.83 0.00	21.04 0.89 0.00	20.52 0.97 0.00	22.15 1.10 -0.03	23.82 1.08 -0.03	32.63 1.58 0.00	33.17 1.66 0.00	31.18 1.70 0.00	27.77 1.46 0.00	25.43 1.23 0.00	25.00 1.19 0.00	23.93 1.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.46 0.93 0.00	14.62 0.83 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.52 0.33 -8.37	20.46 0.85 0.00	25.32 0.88 0.00	26.01 0.82 0.00	23.61 0.85 0.00	20.49 0.82 0.00	19.70 0.84 0.00	23.40 0.84 0.00	21.06 0.90 0.00	20.53 0.98 0.00	22.16 1.11 -0.03	23.83 1.10 -0.03	32.65 1.60 0.00	33.21 1.69 0.00	31.20 1.72 0.00	27.78 1.47 0.00	25.45 1.25 0.00	25.01 1.21 0.00	23.94 1.04 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.44 0.92 0.00	14.60 0.82 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.98 0.80 0.00	23.59 0.83 0.00	20.47 0.80 0.00	19.68 0.82 0.00	23.37 0.81 0.00	21.03 0.87 0.00	20.51 0.96 0.00	22.14 1.09 -0.03	23.80 1.07 -0.03	32.61 1.55 0.00	33.16 1.65 0.00	31.17 1.68 0.00	27.75 1.44 0.00	25.42 1.21 0.00	24.98 1.18 0.00	23.91 1.01 0.00
FARRAGUT___LBMP 323566	16.44 0.91 0.00	14.59 0.81 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.67 0.81 0.00	23.35 0.79 0.00	21.02 0.86 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.78 1.05 -0.03	32.58 1.53 0.00	33.13 1.62 0.00	31.15 1.66 0.00	27.73 1.41 0.00	25.40 1.19 0.00	24.96 1.16 0.00	23.89 0.99 0.00
FENNER___WINDPWR 24204	15.66 0.13 0.00	13.88 0.09 0.00	10.22 0.05 -0.59	7.07 0.04 -1.03	2.11 0.00 -1.78	6.81 0.03 -0.95	19.75 0.14 0.00	24.67 0.23 0.00	25.43 0.25 0.00	23.02 0.26 0.00	19.92 0.25 0.00	19.09 0.23 0.00	22.86 0.29 0.00	20.45 0.28 0.00	19.84 0.29 0.00	21.40 0.38 0.00	23.22 0.52 0.00	31.86 0.80 0.00	32.36 0.85 0.00	30.22 0.74 0.00	26.92 0.61 0.00	24.69 0.48 0.00	24.21 0.41 0.00	23.26 0.36 0.00
FIBERTEK___ENERGY 23856	15.43 -0.10 0.00	13.69 -0.09 0.00	10.01 -0.07 -0.50	6.83 -0.03 -0.86	1.81 0.00 -1.49	6.60 -0.03 -0.79	19.63 0.02 0.00	24.60 0.16 0.00	25.37 0.19 0.00	22.94 0.19 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.80 0.24 0.00	20.41 0.25 0.00	19.74 0.18 0.00	21.31 0.30 0.00	23.11 0.41 0.00	31.55 0.49 0.00	31.98 0.47 0.00	29.92 0.43 0.00	26.67 0.36 0.00	24.53 0.32 0.00	24.14 0.34 0.00	23.26 0.36 0.00
FITZPATRICK____ 23598	15.08 -0.45 0.00	13.39 -0.40 0.00	9.61 -0.28 -0.30	6.36 -0.17 -0.53	1.23 -0.01 -0.91	6.15 -0.16 -0.49	19.20 -0.41 0.00	24.11 -0.33 0.00	24.87 -0.31 0.00	22.48 -0.27 0.00	19.41 -0.26 0.00	18.62 -0.24 0.00	22.32 -0.24 0.00	19.94 -0.22 0.00	19.27 -0.28 0.00	20.76 -0.25 0.00	22.46 -0.24 0.00	30.67 -0.39 0.00	31.10 -0.41 0.00	29.10 -0.39 0.00	25.96 -0.36 0.00	23.89 -0.32 0.00	23.56 -0.24 0.00	22.73 -0.17 0.00
FLOWRFLD_69_KV_BK1 356044	17.00 1.48 0.00	15.09 1.30 0.00	15.64 0.83 -5.23	15.60 0.49 -9.11	16.04 0.03 -15.68	14.70 0.50 -8.37	21.01 1.41 0.00	25.99 1.55 0.00	26.75 1.57 0.00	24.19 1.43 0.00	20.95 1.28 0.00	20.16 1.29 0.00	23.90 1.33 0.00	21.53 1.37 0.00	21.05 1.50 0.00	22.62 1.57 -0.03	24.30 1.57 -0.03	33.35 2.29 0.00	34.15 2.64 0.00	32.09 2.60 0.00	28.47 2.16 0.00	25.98 1.77 0.00	25.57 1.77 0.00	24.69 1.78 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.42 0.89 0.00	14.58 0.80 0.00	15.36 0.52 -5.25	15.47 0.32 -9.15	16.10 0.02 -15.75	14.56 0.32 -8.41	20.48 0.88 0.00	25.36 0.91 0.00	26.00 0.82 0.00	23.55 0.80 0.00	20.40 0.73 0.00	19.61 0.75 0.00	23.33 0.76 0.00	20.97 0.81 0.00	20.44 0.88 0.00	22.10 1.06 -0.02	23.87 1.14 -0.02	32.75 1.69 0.00	33.32 1.81 0.00	31.27 1.78 0.00	27.84 1.53 0.00	25.48 1.28 0.00	25.03 1.23 0.00	23.95 1.05 0.00
FORT ORANGE____ 23900	15.90 0.37 0.00	14.14 0.36 0.00	16.49 0.25 -6.66	17.76 0.15 -11.61	20.32 0.01 -19.98	16.65 0.16 -10.67	19.97 0.36 0.00	24.65 0.20 0.00	25.18 0.00 0.00	22.70 -0.05 0.00	19.64 -0.03 0.00	18.83 -0.03 0.00	22.40 -0.16 0.00	20.08 -0.08 0.00	19.52 -0.04 0.00	21.07 0.08 0.03	22.83 0.16 0.03	31.48 0.42 0.00	32.11 0.60 0.00	30.17 0.68 0.00	26.90 0.59 0.00	24.60 0.40 0.00	24.18 0.37 0.00	23.11 0.21 0.00
FORT_DRUM_COGEN 23780	15.61 0.08 0.00	13.81 0.02 0.00	9.81 -0.03 -0.26	6.42 -0.04 -0.45	1.10 0.00 -0.78	6.19 -0.05 -0.42	19.59 -0.02 0.00	24.58 0.14 0.00	25.30 0.12 0.00	22.76 0.01 0.00	19.83 0.16 0.00	18.87 0.01 0.00	22.37 -0.20 0.00	20.18 0.02 0.00	19.20 -0.36 0.00	20.35 -0.67 0.00	22.51 -0.19 0.00	31.59 0.53 0.00	32.21 0.70 0.00	30.21 0.72 0.00	26.92 0.61 0.00	24.01 -0.19 0.00	23.09 -0.71 0.00	22.17 -0.72 0.00
FPL_FAR_ROCK_GT1 24212	16.86 1.34 0.00	14.95 1.17 0.00	15.56 0.75 -5.23	15.55 0.44 -9.11	16.04 0.03 -15.68	14.65 0.45 -8.37	20.86 1.25 0.00	25.84 1.39 0.00	26.58 1.39 0.00	24.05 1.29 0.00	20.87 1.19 0.00	20.10 1.23 0.00	23.74 1.18 0.00	21.36 1.20 0.00	20.83 1.27 0.00	22.43 1.38 -0.03	24.14 1.41 -0.03	33.13 2.07 0.00	33.81 2.30 0.00	31.71 2.22 0.00	28.21 1.90 0.00	25.78 1.58 0.00	25.32 1.52 0.00	24.41 1.51 0.00
FPL_FAR_ROCK_GT2 23815	16.86 1.34 0.00	14.95 1.17 0.00	15.56 0.75 -5.23	15.55 0.44 -9.11	16.04 0.03 -15.68	14.65 0.45 -8.37	20.86 1.25 0.00	25.84 1.39 0.00	26.58 1.39 0.00	24.05 1.29 0.00	20.87 1.19 0.00	20.10 1.23 0.00	23.74 1.18 0.00	21.36 1.20 0.00	20.83 1.27 0.00	22.43 1.38 -0.03	24.14 1.41 -0.03	33.13 2.07 0.00	33.81 2.30 0.00	31.71 2.22 0.00	28.21 1.90 0.00	25.78 1.58 0.00	25.32 1.52 0.00	24.41 1.51 0.00
FRANKLIN_FALL_HYD 24054	15.64 0.11 0.00	13.86 0.07 0.00	9.61 0.03 0.00	35.15 -0.02 -29.17	0.33 0.00 0.00	5.78 -0.04 0.00	20.46 -0.14 -0.99	113.31 -0.12 -88.98	309.31 0.16 -283.97	168.83 0.16 -145.91	78.14 0.13 -58.34	18.97 0.10 0.00	22.85 0.28 0.00	20.24 0.08 0.00	-298.56 0.16 318.28	130.54 -0.08 -109.60	22.35 -0.35 0.00	31.00 -0.24 -0.18	31.41 -0.36 -0.25	28.94 -0.76 -0.22	25.66 -0.65 0.00	23.54 -0.67 0.00	23.02 -0.78 0.00	22.24 -0.67 0.00
FREEPORT_EQUS_GT1 23764	16.76 1.24 0.00	14.87 1.08 0.00	15.50 0.69 -5.23	15.51 0.40 -9.11	16.03 0.02 -15.68	14.61 0.42 -8.37	20.74 1.13 0.00	25.69 1.24 0.00	26.41 1.23 0.00	23.89 1.14 0.00	20.72 1.05 0.00	19.96 1.09 0.00	23.65 1.09 0.00	21.30 1.14 0.00	20.80 1.25 0.00	22.35 1.31 -0.03	24.04 1.31 -0.03	33.01 1.96 0.00	33.69 2.18 0.00	31.51 2.02 0.00	28.15 1.83 0.00	25.74 1.53 0.00	25.31 1.50 0.00	24.36 1.46 0.00
FREEPORT___CT2 23818	16.76 1.24 0.00	14.87 1.08 0.00	15.50 0.69 -5.23	15.51 0.40 -9.11	16.03 0.02 -15.68	14.61 0.42 -8.37	20.74 1.13 0.00	25.69 1.24 0.00	26.41 1.23 0.00	23.89 1.14 0.00	20.72 1.05 0.00	19.96 1.09 0.00	23.65 1.09 0.00	21.30 1.14 0.00	20.80 1.25 0.00	22.35 1.31 -0.03	24.04 1.31 -0.03	33.01 1.96 0.00	33.69 2.18 0.00	31.51 2.02 0.00	28.15 1.83 0.00	25.74 1.53 0.00	25.31 1.50 0.00	24.36 1.46 0.00
FRESHKLS_33_KV_LOAD 356253	-38.65 0.84 55.02	-488.94 0.75 503.48	-71.53 0.47 81.58	-13.85 0.28 20.13	16.02 0.02 -15.68	14.48 0.29 -8.37	19.35 0.73 0.99	-63.93 0.83 89.20	-258.73 0.76 284.67	-122.73 0.78 146.27	-222.81 0.72 243.20	-6.25 0.74 25.86	23.26 0.70 0.00	20.95 0.78 0.00	793.12 0.84 -772.73	-88.21 1.00 110.22	23.75 1.01 -0.03	32.15 1.42 0.32	32.88 1.53 0.16	27.94 1.56 3.12	-48.54 1.33 76.19	22.78 1.10 2.52	24.06 1.07 0.81	23.84 0.94 0.00

FULTON COGEN____ 23766	15.29 -0.24 0.00	13.58 -0.21 0.00	9.83 -0.15 -0.40	6.60 -0.09 -0.69	1.52 -0.01 -1.19	6.38 -0.08 -0.64	19.46 -0.15 0.00	24.42 -0.02 0.00	25.18 -0.01 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.86 0.00 0.00	22.60 0.04 0.00	20.23 0.06 0.00	19.55 0.00 0.00	21.09 0.07 0.00	22.83 0.13 0.00	31.22 0.17 0.00	31.63 0.12 0.00	29.60 0.11 0.00	26.40 0.09 0.00	24.27 0.07 0.00	23.93 0.12 0.00	23.07 0.17 0.00
FULTON____LFGE 323630	17.02 1.50 0.00	15.07 1.29 0.00	18.41 0.88 -7.95	20.39 0.54 -13.85	24.21 0.03 -23.85	19.10 0.54 -12.73	21.42 1.81 0.00	26.38 1.94 0.00	26.91 1.73 0.00	23.81 1.05 0.00	20.34 0.67 0.00	19.70 0.83 0.00	23.13 0.57 0.00	20.79 0.63 0.00	20.69 1.14 0.00	22.31 1.32 0.03	24.04 1.37 0.03	34.66 3.61 0.00	35.27 3.76 0.00	33.10 3.61 0.00	29.50 3.19 0.00	27.03 2.82 0.00	26.40 2.60 0.00	25.36 2.46 0.00
G.F.CEMENT____DRP 24184	16.43 0.90 0.00	14.60 0.81 0.00	17.13 0.59 -6.96	18.50 0.38 -12.13	21.23 0.02 -20.88	17.36 0.38 -11.15	20.83 1.22 0.00	25.74 1.29 0.00	26.34 1.16 0.00	23.72 0.96 0.00	20.40 0.73 0.00	19.59 0.73 0.00	23.36 0.80 0.00	20.82 0.66 0.00	20.26 0.70 0.00	21.90 0.92 0.04	23.95 1.29 0.04	33.13 2.08 0.00	34.06 2.55 0.00	31.96 2.48 0.00	28.48 2.17 0.00	26.06 1.85 0.00	25.55 1.75 0.00	24.37 1.47 0.00
GARDENVILLE____LBMP 24039	14.71 -0.82 0.00	13.12 -0.67 0.00	9.90 -0.50 -0.81	7.18 -0.24 -1.42	2.75 -0.02 -2.44	6.91 -0.22 -1.30	18.85 -0.76 0.00	23.53 -0.91 0.00	24.55 -0.63 0.00	22.31 -0.45 0.00	19.05 -0.62 0.00	18.30 -0.57 0.00	22.30 -0.26 0.00	20.02 -0.14 0.00	19.39 -0.16 0.00	21.15 0.13 0.00	22.89 0.18 0.00	30.64 -0.41 0.00	30.79 -0.72 0.00	28.74 -0.74 0.01	25.74 -0.57 0.00	23.97 -0.24 0.00	23.47 -0.33 0.00	22.80 -0.09 0.00
GARDNVLA_35_KV_LD 355827	14.77 -0.76 0.00	13.17 -0.62 0.00	9.94 -0.46 -0.82	7.20 -0.22 -1.42	2.77 -0.01 -2.45	6.94 -0.20 -1.31	18.92 -0.69 0.00	23.61 -0.83 0.00	24.63 -0.55 0.00	22.38 -0.38 0.00	19.11 -0.57 0.00	18.36 -0.50 0.00	22.38 -0.18 0.00	20.11 -0.05 0.00	19.48 -0.08 0.00	21.25 0.23 0.00	22.99 0.29 0.00	30.78 -0.27 0.00	30.95 -0.56 0.00	28.90 -0.58 0.01	25.88 -0.43 0.00	24.08 -0.12 0.00	23.58 -0.22 0.00	22.91 0.01 0.00
GELCKHM__115KV_LOAD 80723	15.32 -0.20 0.00	13.60 -0.18 0.00	9.90 -0.13 -0.45	6.71 -0.07 -0.78	1.67 -0.01 -1.35	6.48 -0.06 -0.72	19.49 -0.12 0.00	24.43 -0.02 0.00	25.20 0.01 0.00	22.79 0.03 0.00	19.67 0.00 0.00	18.87 0.01 0.00	22.64 0.08 0.00	20.25 0.09 0.00	19.59 0.03 0.00	21.14 0.12 0.00	22.90 0.20 0.00	31.28 0.22 0.00	31.70 0.18 0.00	29.66 0.17 0.00	26.46 0.14 0.00	24.32 0.12 0.00	23.95 0.15 0.00	23.09 0.19 0.00
GENERAL____MILLS 23808	14.75 -0.78 0.00	13.15 -0.63 0.00	9.92 -0.47 -0.81	7.20 -0.23 -1.42	2.76 -0.02 -2.45	6.93 -0.21 -1.31	18.90 -0.71 0.00	23.59 -0.86 0.00	24.61 -0.58 0.00	22.35 -0.40 0.00	19.08 -0.59 0.00	18.34 -0.53 0.00	22.34 -0.22 0.00	20.07 -0.09 0.00	19.44 -0.12 0.00	21.20 0.18 0.00	22.95 0.25 0.00	30.72 -0.33 0.00	30.88 -0.63 0.00	28.84 -0.64 0.01	25.83 -0.49 0.00	24.04 -0.17 0.00	23.54 -0.26 0.00	22.87 -0.03 0.00
GE_PLASTICS____DRP 24183	15.90 0.37 0.00	14.14 0.35 0.00	16.50 0.25 -6.67	17.77 0.16 -11.62	20.33 0.01 -19.99	16.66 0.16 -10.67	19.97 0.36 0.00	24.67 0.23 0.00	25.24 0.05 0.00	22.78 0.03 0.00	19.72 0.05 0.00	18.92 0.05 0.00	22.49 -0.07 0.00	20.15 0.00 0.00	19.58 0.03 0.00	21.13 0.13 0.03	22.85 0.18 0.03	31.45 0.40 0.00	32.04 0.53 0.00	30.08 0.59 0.00	26.81 0.50 0.00	24.54 0.34 0.00	24.14 0.34 0.00	23.10 0.19 0.00
GILBOA____1 23756	15.94 0.41 0.00	14.18 0.39 0.00	15.03 0.33 -5.12	15.13 0.20 -8.93	15.71 0.01 -15.37	14.23 0.20 -8.21	20.09 0.48 0.00	24.82 0.38 0.00	25.45 0.27 0.00	23.00 0.25 0.00	19.90 0.23 0.00	19.10 0.23 0.00	22.73 0.17 0.00	20.36 0.19 0.00	19.77 0.21 0.00	21.33 0.31 0.00	23.05 0.35 0.00	31.63 0.57 0.00	32.18 0.67 0.00	30.17 0.68 0.00	26.89 0.58 0.00	24.65 0.44 0.00	24.23 0.43 0.00	23.23 0.33 0.00
GILBOA____2 23757	15.94 0.41 0.00	14.18 0.39 0.00	15.03 0.33 -5.12	15.13 0.20 -8.93	15.71 0.01 -15.37	14.23 0.20 -8.21	20.09 0.48 0.00	24.82 0.38 0.00	25.45 0.27 0.00	23.00 0.25 0.00	19.90 0.23 0.00	19.10 0.23 0.00	22.73 0.17 0.00	20.36 0.19 0.00	19.77 0.21 0.00	21.33 0.31 0.00	23.05 0.35 0.00	31.63 0.57 0.00	32.18 0.67 0.00	30.17 0.68 0.00	26.89 0.58 0.00	24.65 0.44 0.00	24.23 0.43 0.00	23.23 0.33 0.00
GILBOA____3 23758	15.94 0.41 0.00	14.18 0.39 0.00	15.03 0.33 -5.12	15.13 0.20 -8.93	15.71 0.01 -15.37	14.23 0.20 -8.21	20.09 0.48 0.00	24.82 0.38 0.00	25.45 0.27 0.00	23.00 0.25 0.00	19.90 0.23 0.00	19.10 0.23 0.00	22.73 0.17 0.00	20.36 0.19 0.00	19.77 0.21 0.00	21.33 0.31 0.00	23.05 0.35 0.00	31.63 0.57 0.00	32.18 0.67 0.00	30.17 0.68 0.00	26.89 0.58 0.00	24.65 0.44 0.00	24.23 0.43 0.00	23.23 0.33 0.00
GILBOA____4 23759	15.94 0.41 0.00	14.18 0.39 0.00	15.03 0.33 -5.12	15.13 0.20 -8.93	15.71 0.01 -15.37	14.23 0.20 -8.21	20.09 0.48 0.00	24.82 0.38 0.00	25.45 0.27 0.00	23.00 0.25 0.00	19.90 0.23 0.00	19.10 0.23 0.00	22.73 0.17 0.00	20.36 0.19 0.00	19.77 0.21 0.00	21.33 0.31 0.00	23.05 0.35 0.00	31.63 0.57 0.00	32.18 0.67 0.00	30.17 0.68 0.00	26.89 0.58 0.00	24.65 0.44 0.00	24.23 0.43 0.00	23.23 0.33 0.00
GILBOA____ 23599	15.94 0.41 0.00	14.17 0.39 0.00	15.03 0.33 -5.12	15.13 0.20 -8.93	15.71 0.01 -15.37	14.23 0.20 -8.21	20.09 0.48 0.00	24.82 0.38 0.00	25.45 0.27 0.00	23.00 0.25 0.00	19.90 0.23 0.00	19.10 0.23 0.00	22.73 0.17 0.00	20.36 0.19 0.00	19.77 0.21 0.00	21.33 0.31 0.00	23.05 0.35 0.00	31.62 0.57 0.00	32.18 0.67 0.00	30.18 0.69 0.00	26.89 0.58 0.00	24.65 0.44 0.00	24.23 0.43 0.00	23.23 0.33 0.00
GINNA____ 23603	14.45 -1.08 0.00	12.84 -0.94 0.00	9.49 -0.67 -0.58	6.63 -0.38 -1.02	2.05 -0.02 -1.75	6.39 -0.37 -0.93	18.41 -1.20 0.00	23.03 -1.41 0.00	23.87 -1.32 0.00	21.63 -1.13 0.00	18.57 -1.10 0.00	17.82 -1.04 0.00	21.58 -0.98 0.00	19.35 -0.81 0.00	18.80 -0.76 0.00	20.42 -0.60 0.00	22.11 -0.59 0.00	29.94 -1.12 0.00	30.20 -1.31 0.00	28.25 -1.24 0.00	25.22 -1.09 0.00	23.28 -0.92 0.00	22.87 -0.94 0.00	22.09 -0.81 0.00
GLEN PARK____ 23778	15.70 0.17 0.00	13.88 0.09 0.00	9.87 0.02 -0.27	6.46 0.00 -0.47	1.13 0.00 -0.80	6.24 -0.02 -0.43	19.71 0.10 0.00	24.74 0.29 0.00	25.42 0.24 0.00	22.84 0.08 0.00	19.92 0.25 0.00	18.95 0.08 0.00	22.46 -0.11 0.00	20.30 0.14 0.00	19.26 -0.30 0.00	20.43 -0.59 0.00	22.65 -0.05 0.00	31.81 0.75 0.00	32.47 0.96 0.00	30.45 0.96 0.00	27.15 0.84 0.00	24.23 0.02 0.00	23.31 -0.49 0.00	22.37 -0.53 0.00

GLENDALE_27_KV_LOAD 356172	16.51 0.98 0.00	14.67 0.89 0.00	15.37 0.56 -5.23	15.45 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.39 0.95 0.00	26.09 0.91 0.00	23.70 0.94 0.00	20.57 0.90 0.00	19.78 0.92 0.00	23.48 0.92 0.00	21.14 0.98 0.00	20.60 1.05 0.00	22.23 1.18 -0.03	23.92 1.19 -0.03	32.77 1.72 0.00	33.31 1.81 0.00	31.32 1.84 0.00	27.90 1.58 0.00	25.54 1.33 0.00	25.09 1.29 0.00	24.03 1.13 0.00
GLENWOOD_IC_1_G5 23712	16.59 1.07 0.00	14.73 0.94 0.00	15.41 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.50 1.06 0.00	26.21 1.03 0.00	23.75 0.99 0.00	20.62 0.95 0.00	19.85 0.99 0.00	23.55 0.99 0.00	21.21 1.04 0.00	20.69 1.13 0.00	22.28 1.23 -0.03	23.83 1.09 -0.03	32.69 1.63 0.00	33.30 1.79 0.00	31.27 1.78 0.00	27.99 1.68 0.00	25.60 1.40 0.00	25.14 1.34 0.00	24.14 1.24 0.00
GLENWOOD_IC_2_G1 23688	16.50 0.98 0.00	14.66 0.87 0.00	15.37 0.56 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.52 0.91 0.00	25.39 0.95 0.00	26.08 0.90 0.00	23.64 0.88 0.00	20.51 0.84 0.00	19.74 0.87 0.00	23.42 0.86 0.00	21.07 0.91 0.00	20.55 1.00 0.00	22.16 1.11 -0.03	23.84 1.10 -0.03	32.68 1.62 0.00	33.29 1.78 0.00	31.25 1.76 0.00	27.84 1.53 0.00	25.47 1.27 0.00	25.02 1.22 0.00	24.01 1.11 0.00
GLENWOOD_IC_3_G1 23689	16.50 0.98 0.00	14.66 0.87 0.00	15.37 0.56 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.52 0.91 0.00	25.39 0.95 0.00	26.08 0.90 0.00	23.64 0.88 0.00	20.51 0.84 0.00	19.74 0.87 0.00	23.42 0.86 0.00	21.07 0.91 0.00	20.55 1.00 0.00	22.16 1.11 -0.03	23.84 1.10 -0.03	32.68 1.62 0.00	33.29 1.78 0.00	31.25 1.76 0.00	27.84 1.53 0.00	25.47 1.27 0.00	25.02 1.22 0.00	24.01 1.11 0.00
GLENWOOD___4 23550	16.59 1.07 0.00	14.73 0.94 0.00	15.41 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.50 1.06 0.00	26.21 1.03 0.00	23.75 0.99 0.00	20.62 0.95 0.00	19.85 0.99 0.00	23.55 0.99 0.00	21.21 1.04 0.00	20.69 1.13 0.00	22.29 1.24 -0.03	23.88 1.14 -0.03	32.76 1.71 0.00	33.38 1.87 0.00	31.33 1.85 0.00	27.99 1.68 0.00	25.60 1.40 0.00	25.14 1.34 0.00	24.14 1.24 0.00
GLENWOOD___5 23614	16.59 1.07 0.00	14.73 0.94 0.00	15.41 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.50 1.06 0.00	26.21 1.03 0.00	23.75 0.99 0.00	20.62 0.95 0.00	19.85 0.99 0.00	23.55 0.99 0.00	21.21 1.04 0.00	20.69 1.13 0.00	22.29 1.24 -0.03	23.88 1.14 -0.03	32.76 1.71 0.00	33.38 1.87 0.00	31.33 1.85 0.00	27.99 1.68 0.00	25.60 1.40 0.00	25.14 1.34 0.00	24.14 1.24 0.00
GLOBAL GREEN_PORT_GT1 23814	17.64 2.12 0.00	15.63 1.84 0.00	16.00 1.20 -5.23	15.82 0.71 -9.11	16.05 0.04 -15.68	14.92 0.72 -8.37	21.75 2.14 0.00	26.95 2.50 0.00	27.83 2.64 0.00	25.25 2.49 0.00	21.88 2.21 0.00	21.10 2.23 0.00	25.10 2.54 0.00	22.64 2.48 0.00	22.15 2.59 0.00	23.89 2.84 -0.03	25.72 2.99 -0.03	35.42 4.36 0.00	36.17 4.66 0.00	33.99 4.50 0.00	30.13 3.82 0.00	27.43 3.22 0.00	26.87 3.07 0.00	25.86 2.96 0.00
GLOBE___DSASP 323697	14.32 -1.20 0.00	12.79 -0.99 0.00	9.62 -0.71 -0.75	6.93 -0.37 -1.31	2.56 -0.02 -2.25	6.67 -0.36 -1.20	18.37 -1.24 0.00	22.92 -1.52 0.00	23.92 -1.26 0.00	21.72 -1.04 0.00	18.49 -1.18 0.00	17.75 -1.11 0.00	21.65 -0.91 0.00	19.45 -0.71 0.00	18.88 -0.68 0.00	20.61 -0.41 0.00	22.24 -0.46 0.00	29.54 -1.52 0.00	29.63 -1.88 0.00	27.75 -1.73 0.01	24.87 -1.45 0.00	23.14 -1.07 0.00	22.70 -1.10 0.00	22.23 -0.67 0.00
GOETHSLN___LBMP 323567	-38.68 0.82 55.03	-488.96 0.73 503.48	-71.54 0.46 81.58	-13.85 0.28 20.13	16.02 0.02 -15.68	14.49 0.30 -8.37	19.35 0.73 0.99	-64.02 0.74 89.20	-258.81 0.68 284.67	-122.82 0.70 146.27	-222.86 0.67 243.20	-6.29 0.70 25.86	23.27 0.71 0.00	20.95 0.78 0.00	331.52 0.85 -311.12	-88.25 0.95 110.22	23.65 0.92 -0.03	32.08 1.35 0.32	32.70 1.45 0.25	27.38 1.50 3.60	-82.76 1.27 110.34	22.75 1.06 2.52	24.03 1.04 0.81	23.81 0.91 0.00
GOLAH___69_KV_TB 1_2 80279	15.10 -0.43 0.00	13.44 -0.35 0.00	9.93 -0.26 -0.61	6.95 -0.11 -1.07	2.16 -0.01 -1.83	6.70 -0.11 -0.98	19.25 -0.36 0.00	24.07 -0.37 0.00	25.00 -0.18 0.00	22.62 -0.13 0.00	19.35 -0.32 0.00	18.58 -0.28 0.00	22.58 0.01 0.00	20.26 0.10 0.00	19.68 0.12 0.00	21.45 0.43 0.00	23.24 0.54 0.00	31.38 0.32 0.00	31.62 0.11 0.00	29.56 0.07 0.00	26.44 0.13 0.00	24.45 0.25 0.00	23.98 0.18 0.00	23.21 0.31 0.00
GOODYEAR_LAKE_HYD 323669	16.08 0.56 0.00	14.26 0.47 0.00	10.81 0.32 -0.91	7.79 0.20 -1.58	3.07 0.01 -2.73	7.49 0.21 -1.46	20.25 0.64 0.00	25.24 0.80 0.00	26.09 0.91 0.00	23.64 0.88 0.00	20.44 0.77 0.00	19.60 0.73 0.00	23.44 0.88 0.00	21.00 0.84 0.00	20.38 0.82 0.00	21.96 0.95 0.00	23.73 1.03 0.00	32.47 1.41 0.00	32.93 1.42 0.00	30.87 1.38 0.00	27.44 1.13 0.00	25.21 1.01 0.00	24.75 0.94 0.00	23.79 0.89 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	15.49 -0.03 0.00	13.77 -0.01 0.00	11.10 -0.01 -1.53	8.67 0.01 -2.67	4.92 0.00 -4.59	8.30 0.02 -2.45	19.69 0.08 0.00	24.48 0.04 0.00	25.26 0.08 0.00	22.83 0.07 0.00	19.70 0.02 0.00	18.91 0.04 0.00	22.68 0.12 0.00	20.33 0.17 0.00	19.71 0.16 0.00	21.29 0.27 0.00	23.10 0.40 0.00	31.50 0.45 0.00	31.95 0.44 0.00	29.90 0.41 0.00	26.65 0.34 0.00	24.52 0.31 0.00	24.04 0.24 0.00	23.18 0.28 0.00
GOUDEY___7 23579	15.50 -0.02 0.00	13.78 0.00 0.00	11.11 0.00 -1.53	8.68 0.01 -2.67	4.92 0.00 -4.59	8.31 0.03 -2.45	19.71 0.10 0.00	24.50 0.06 0.00	25.28 0.10 0.00	22.84 0.08 0.00	19.71 0.04 0.00	18.92 0.05 0.00	22.70 0.14 0.00	20.35 0.19 0.00	19.73 0.18 0.00	21.31 0.29 0.00	23.12 0.42 0.00	31.54 0.48 0.00	31.98 0.47 0.00	29.93 0.44 0.00	26.67 0.36 0.00	24.54 0.33 0.00	24.06 0.26 0.00	23.20 0.30 0.00
GOUDEY___8 23580	15.49 -0.03 0.00	13.77 -0.01 0.00	11.10 -0.01 -1.53	8.67 0.01 -2.67	4.92 0.00 -4.59	8.30 0.02 -2.45	19.69 0.08 0.00	24.48 0.04 0.00	25.26 0.08 0.00	22.83 0.07 0.00	19.70 0.02 0.00	18.91 0.04 0.00	22.68 0.12 0.00	20.33 0.17 0.00	19.71 0.16 0.00	21.29 0.27 0.00	23.10 0.40 0.00	31.50 0.45 0.00	31.95 0.44 0.00	29.90 0.41 0.00	26.65 0.34 0.00	24.52 0.31 0.00	24.04 0.24 0.00	23.18 0.28 0.00
GOWANUS_GT1_1 24077	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00

GOWANUS_GT1_2 24078	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT1_3 24079	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT1_4 24080	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT1_5 24084	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT1_6 24111	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT1_7 24112	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT1_8 24113	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT2_1 24114	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT2_2 24115	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT2_3 24116	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT2_4 24117	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT2_5 24118	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT2_6 24119	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT2_7 24120	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT2_8 24121	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00

GOWANUS_GT3_1 24122	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT3_2 24123	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT3_3 24124	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT3_4 24125	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT3_5 24126	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT3_6 24127	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT3_7 24128	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT3_8 24129	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
GOWANUS_GT4_1 24130	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT4_2 24131	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT4_3 24132	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT4_4 24133	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT4_5 24134	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT4_6 24135	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GOWANUS_GT4_7 24136	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00

GOWANUS_GT4_8 24137	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GREENBSH_115KV_TB3 55895	15.82 0.29 0.00	14.08 0.29 0.00	16.48 0.20 -6.70	17.80 0.12 -11.67	20.43 0.01 -20.09	16.68 0.13 -10.73	19.86 0.25 0.00	24.51 0.07 0.00	25.05 -0.13 0.00	22.62 -0.14 0.00	19.58 -0.09 0.00	18.78 -0.08 0.00	22.33 -0.23 0.00	20.02 -0.14 0.00	19.46 -0.09 0.00	21.00 0.01 0.03	22.73 0.06 0.03	31.31 0.25 0.00	31.91 0.39 0.00	29.96 0.47 0.00	26.70 0.39 0.00	24.43 0.22 0.00	24.01 0.21 0.00	22.96 0.06 0.00
GREENDGE_115KV_TB5 80291	15.27 -0.26 0.00	13.57 -0.21 0.00	10.38 -0.15 -0.95	7.60 -0.05 -1.66	3.18 0.00 -2.86	7.30 -0.06 -1.53	19.48 -0.13 0.00	24.35 -0.10 0.00	25.20 0.01 0.00	22.80 0.04 0.00	19.58 -0.09 0.00	18.78 -0.08 0.00	22.67 0.11 0.00	20.35 0.19 0.00	19.72 0.16 0.00	21.39 0.37 0.00	23.29 0.59 0.00	31.52 0.46 0.00	31.91 0.40 0.00	29.94 0.43 -0.02	26.63 0.32 0.00	24.60 0.39 0.00	24.06 0.26 0.00	23.22 0.32 0.00
GREENIDGE___3 23582	15.27 -0.26 0.00	13.57 -0.21 0.00	10.38 -0.15 -0.95	7.60 -0.05 -1.66	3.18 0.00 -2.86	7.30 -0.06 -1.53	19.48 -0.13 0.00	24.35 -0.10 0.00	25.20 0.01 0.00	22.80 0.04 0.00	19.58 -0.09 0.00	18.78 -0.08 0.00	22.67 0.11 0.00	20.35 0.19 0.00	19.72 0.16 0.00	21.39 0.37 0.00	23.29 0.59 0.00	31.52 0.46 0.00	31.91 0.40 0.00	29.94 0.43 -0.02	26.63 0.32 0.00	24.60 0.39 0.00	24.06 0.26 0.00	23.22 0.32 0.00
GREENIDGE___4 23583	15.27 -0.26 0.00	13.57 -0.21 0.00	10.38 -0.16 -0.95	7.60 -0.05 -1.66	3.18 0.00 -2.86	7.30 -0.05 -1.53	19.48 -0.12 0.00	24.35 -0.10 0.00	22.79 0.01 0.00	22.79 0.04 0.00	19.58 -0.09 0.00	18.78 -0.08 0.00	22.67 0.11 0.00	20.35 0.19 0.00	19.72 0.16 0.00	21.39 0.37 0.00	23.29 0.59 0.00	31.52 0.47 0.00	31.92 0.41 0.00	29.95 0.44 -0.02	26.63 0.32 0.00	24.60 0.39 0.00	24.06 0.26 0.00	23.22 0.32 0.00
GREENLWN_69_KV_BK 3 55738	16.72 1.19 0.00	14.84 1.05 0.00	15.47 0.66 -5.23	15.50 0.39 -9.11	16.03 0.02 -15.68	14.60 0.40 -8.37	20.70 1.10 0.00	25.62 1.18 0.00	26.35 1.16 0.00	23.82 1.06 0.00	20.66 0.99 0.00	19.89 1.03 0.00	23.58 1.02 0.00	21.23 1.07 0.00	20.70 1.14 0.00	22.21 1.17 -0.03	23.82 1.08 -0.03	32.72 1.66 0.00	33.57 2.06 0.00	31.44 1.95 0.00	27.85 1.54 0.00	25.46 1.25 0.00	25.09 1.29 0.00	24.21 1.31 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00
GRISSOM___SOLAR 323813	17.02 1.50 0.00	15.07 1.29 0.00	18.41 0.88 -7.95	20.39 0.54 -13.85	24.21 0.03 -23.85	19.10 0.54 -12.73	21.42 1.81 0.00	26.38 1.94 0.00	26.91 1.73 0.00	23.81 1.05 0.00	20.34 0.67 0.00	19.70 0.83 0.00	23.13 0.57 0.00	20.79 0.63 0.00	20.69 1.14 0.00	22.31 1.32 0.03	24.04 1.37 0.03	34.66 3.61 0.00	35.27 3.76 0.00	33.10 3.61 0.00	29.50 3.19 0.00	27.03 2.82 0.00	26.40 2.60 0.00	25.36 2.46 0.00
GROVEVILLE___HYD 323602	16.42 0.89 0.00	14.58 0.80 0.00	15.36 0.52 -5.25	15.47 0.32 -9.15	16.10 0.02 -15.75	14.56 0.32 -8.41	20.48 0.88 0.00	25.36 0.91 0.00	26.00 0.82 0.00	23.55 0.80 0.00	20.40 0.73 0.00	19.61 0.75 0.00	23.33 0.76 0.00	20.97 0.81 0.00	20.44 0.88 0.00	22.10 1.06 -0.02	23.87 1.14 -0.02	32.75 1.69 0.00	33.32 1.81 0.00	31.27 1.78 0.00	27.84 1.53 0.00	25.48 1.28 0.00	25.03 1.23 0.00	23.95 1.05 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	15.43 -0.10 0.00	13.69 -0.09 0.00	10.01 -0.07 -0.50	6.83 -0.03 -0.86	1.81 0.00 -1.49	6.60 -0.03 -0.79	19.63 0.02 0.00	24.60 0.16 0.00	25.37 0.19 0.00	22.94 0.19 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.80 0.24 0.00	20.41 0.25 0.00	19.74 0.18 0.00	21.31 0.30 0.00	23.11 0.41 0.00	31.55 0.49 0.00	31.98 0.47 0.00	29.92 0.43 0.00	26.67 0.36 0.00	24.53 0.32 0.00	24.14 0.34 0.00	23.26 0.36 0.00
HAMLTNNY_34_KV_TB 80303	15.42 -0.10 0.00	13.68 -0.10 0.00	10.05 -0.07 -0.54	6.91 -0.03 -0.94	1.94 0.00 -1.62	6.66 -0.03 -0.86	19.63 0.02 0.00	24.59 0.15 0.00	25.37 0.19 0.00	22.96 0.20 0.00	19.79 0.12 0.00	19.01 0.14 0.00	22.81 0.25 0.00	20.43 0.27 0.00	19.76 0.20 0.00	21.35 0.33 0.00	23.16 0.46 0.00	31.57 0.51 0.00	32.02 0.51 0.00	29.96 0.47 0.00	26.69 0.38 0.00	24.56 0.36 0.00	24.16 0.36 0.00	23.27 0.37 0.00
HAMPSHIRE___PAPER_HYD 323593	15.44 -0.09 0.00	13.68 -0.11 0.00	9.61 -0.11 -0.14	6.14 -0.10 -0.24	0.74 -0.01 -0.42	5.94 -0.11 -0.22	19.34 -0.27 0.00	24.25 -0.19 0.00	25.09 -0.09 0.00	22.66 -0.10 0.00	19.70 0.03 0.00	18.83 -0.03 0.00	22.42 -0.15 0.00	20.00 -0.16 0.00	19.29 -0.27 0.00	20.45 -0.57 0.00	22.28 -0.42 0.00	30.88 -0.18 0.00	31.35 -0.16 0.00	29.32 -0.16 0.00	26.16 -0.15 0.00	23.74 -0.47 0.00	22.95 -0.85 0.00	22.14 -0.76 0.00
HARDSCRABBLE_WT_PWR 323673	15.54 0.01 0.00	13.81 0.02 0.00	9.61 0.03 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.85 0.02 0.00	19.54 -0.07 0.00	24.15 -0.29 0.00	24.66 -0.52 0.00	22.16 -0.60 0.00	19.16 -0.51 0.00	18.40 -0.47 0.00	21.85 -0.71 0.00	19.58 -0.58 0.00	19.09 -0.47 0.00	20.63 -0.38 0.00	22.51 -0.19 0.00	31.01 -0.05 0.00	31.63 0.12 0.00	29.77 0.28 0.00	26.50 0.19 0.00	24.21 0.01 0.00	23.71 -0.09 0.00	22.62 -0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.31 0.78 0.00	14.48 0.69 0.00	14.84 0.45 -4.82	14.66 0.27 -8.39	14.79 0.02 -14.44	13.82 0.28 -7.71	20.34 0.74 0.00	25.21 0.76 0.00	25.89 0.71 0.00	23.44 0.69 0.00	20.31 0.64 0.00	19.53 0.66 0.00	23.25 0.69 0.00	20.91 0.75 0.00	20.40 0.84 0.00	22.06 1.02 -0.03	23.81 1.08 -0.03	32.65 1.60 0.00	33.20 1.68 0.00	31.14 1.65 0.00	27.69 1.38 0.00	25.35 1.15 0.00	24.89 1.09 0.00	23.83 0.93 0.00
HARSNRAD_115KV_TB1 81005	14.55 -0.98 0.00	12.98 -0.80 0.00	9.73 -0.58 -0.74	6.99 -0.29 -1.29	2.53 -0.02 -2.22	6.73 -0.28 -1.18	18.63 -0.98 0.00	23.25 -1.19 0.00	24.27 -0.91 0.00	22.03 -0.72 0.00	18.77 -0.90 0.00	18.03 -0.83 0.00	21.99 -0.57 0.00	19.75 -0.41 0.00	19.17 -0.38 0.00	20.95 -0.07 0.00	22.64 -0.06 0.00	30.24 -0.82 0.00	30.38 -1.13 0.00	28.41 -1.07 0.01	25.46 -0.85 0.00	23.69 -0.52 0.00	23.22 -0.58 0.00	22.60 -0.31 0.00

HARZA MOOSE___RIVER 24016	15.64 0.11 0.00	13.84 0.05 0.00	9.76 0.00 -0.18	6.29 -0.03 -0.32	0.88 -0.01 -0.55	6.06 -0.06 -0.30	19.54 -0.07 0.00	24.47 0.03 0.00	25.27 0.09 0.00	22.87 0.11 0.00	19.86 0.19 0.00	18.97 0.11 0.00	22.56 0.00 0.00	20.26 0.09 0.00	19.56 0.01 0.00	20.86 -0.16 0.00	22.80 0.10 0.00	31.63 0.58 0.00	32.15 0.64 0.00	30.15 0.66 0.00	26.85 0.53 0.00	24.29 0.09 0.00	23.46 -0.34 0.00	22.53 -0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	15.32 -0.21 0.00	13.60 -0.18 0.00	9.91 -0.13 -0.46	6.72 -0.07 -0.80	1.70 0.00 -1.37	6.49 -0.06 -0.73	19.49 -0.12 0.00	24.41 -0.03 0.00	25.18 -0.01 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.87 0.00 0.00	22.63 0.07 0.00	20.25 0.09 0.00	19.59 0.04 0.00	21.15 0.13 0.00	22.92 0.21 0.00	31.29 0.23 0.00	31.71 0.20 0.00	29.67 0.18 0.00	26.46 0.15 0.00	24.34 0.13 0.00	23.97 0.17 0.00	23.11 0.21 0.00
HELLGATE_13_KV_LD 55870	16.44 0.91 0.00	14.62 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.41 0.80 0.00	25.28 0.83 0.00	25.97 0.78 0.00	23.58 0.83 0.00	20.48 0.80 0.00	19.68 0.82 0.00	23.34 0.78 0.00	21.02 0.87 0.00	20.49 0.94 0.00	22.11 1.06 -0.03	23.80 1.06 -0.03	32.59 1.53 0.00	33.14 1.63 0.00	31.15 1.66 0.00	27.75 1.44 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.44 0.91 0.00	14.62 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.41 0.80 0.00	25.28 0.83 0.00	25.97 0.78 0.00	23.58 0.83 0.00	20.48 0.80 0.00	19.68 0.82 0.00	23.34 0.78 0.00	21.02 0.87 0.00	20.49 0.94 0.00	22.11 1.06 -0.03	23.80 1.06 -0.03	32.59 1.53 0.00	33.14 1.63 0.00	31.15 1.66 0.00	27.75 1.44 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
HEMPSTEAD___ 23647	16.61 1.09 0.00	14.74 0.96 0.00	15.42 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.59 0.98 0.00	25.49 1.05 0.00	26.20 1.02 0.00	23.72 0.96 0.00	20.58 0.91 0.00	19.82 0.96 0.00	23.50 0.94 0.00	21.16 0.99 0.00	20.65 1.09 0.00	22.20 1.15 -0.03	23.84 1.11 -0.03	32.73 1.67 0.00	33.39 1.88 0.00	31.31 1.82 0.00	27.93 1.61 0.00	25.54 1.33 0.00	25.11 1.31 0.00	24.15 1.25 0.00
HEWLETT__69_KV_BK3 55828	16.79 1.27 0.00	14.90 1.11 0.00	15.52 0.71 -5.23	15.52 0.42 -9.11	16.04 0.03 -15.68	14.62 0.42 -8.37	20.78 1.17 0.00	25.73 1.29 0.00	26.47 1.28 0.00	23.94 1.18 0.00	20.77 1.09 0.00	20.01 1.14 0.00	23.65 1.09 0.00	21.28 1.12 0.00	20.76 1.20 0.00	22.35 1.30 -0.03	24.05 1.32 -0.03	33.01 1.95 0.00	33.69 2.18 0.00	31.61 2.12 0.00	28.12 1.80 0.00	25.69 1.49 0.00	25.23 1.44 0.00	24.33 1.43 0.00
HICKLING___1 23621	15.21 -0.32 0.00	13.53 -0.26 0.00	10.61 -0.18 -1.21	8.02 -0.09 -2.11	3.95 0.00 -3.63	7.71 -0.06 -1.94	19.44 -0.17 0.00	24.17 -0.28 0.00	25.06 -0.13 0.00	22.67 -0.08 0.00	19.51 -0.16 0.00	18.72 -0.14 0.00	22.60 0.04 0.00	20.32 0.16 0.00	19.66 0.10 0.00	21.29 0.27 0.00	23.19 0.49 0.00	31.52 0.47 0.00	31.86 0.35 0.00	29.72 0.22 -0.01	26.43 0.12 0.00	24.40 0.20 0.00	23.83 0.03 0.00	23.05 0.15 0.00
HICKLING___2 23622	15.21 -0.32 0.00	13.53 -0.26 0.00	10.61 -0.18 -1.21	8.02 -0.09 -2.11	3.95 0.00 -3.63	7.71 -0.06 -1.94	19.44 -0.17 0.00	24.17 -0.28 0.00	25.06 -0.13 0.00	22.67 -0.08 0.00	19.51 -0.16 0.00	18.72 -0.14 0.00	22.60 0.04 0.00	20.32 0.16 0.00	19.66 0.10 0.00	21.29 0.27 0.00	23.19 0.49 0.00	31.52 0.47 0.00	31.86 0.35 0.00	29.72 0.22 -0.01	26.43 0.12 0.00	24.40 0.20 0.00	23.83 0.03 0.00	23.05 0.15 0.00
HIGH FALLS___HY 23754	16.36 0.83 0.00	14.51 0.73 0.00	15.21 0.47 -5.17	15.28 0.28 -9.00	15.84 0.02 -15.49	14.38 0.29 -8.27	20.35 0.74 0.00	25.26 0.82 0.00	25.95 0.76 0.00	23.46 0.71 0.00	20.29 0.62 0.00	19.47 0.61 0.00	23.17 0.61 0.00	20.87 0.71 0.00	20.31 0.75 0.00	21.94 0.91 -0.01	23.76 1.04 -0.01	32.63 1.57 0.00	33.23 1.72 0.00	31.23 1.74 0.00	27.80 1.48 0.00	25.46 1.26 0.00	24.99 1.19 0.00	23.93 1.03 0.00
HILLBURN___GT 23639	16.29 0.77 0.00	14.47 0.68 0.00	14.92 0.43 -4.91	14.81 0.27 -8.54	15.05 0.02 -14.71	13.96 0.28 -7.85	20.31 0.70 0.00	25.17 0.73 0.00	25.85 0.67 0.00	23.42 0.66 0.00	20.29 0.62 0.00	19.51 0.64 0.00	23.20 0.64 0.00	20.87 0.71 0.00	20.36 0.81 0.00	22.01 0.96 -0.03	23.73 1.00 -0.03	32.52 1.47 0.00	33.07 1.56 0.00	31.03 1.54 0.00	27.59 1.28 0.00	25.26 1.06 0.00	24.81 1.01 0.00	23.77 0.87 0.00
HILLSIDE_115KV_TB1 80332	15.13 -0.40 0.00	13.46 -0.32 0.00	10.61 -0.22 -1.25	8.06 -0.12 -2.18	4.08 0.00 -3.75	7.75 -0.08 -2.00	19.35 -0.26 0.00	24.00 -0.44 0.00	24.85 -0.34 0.00	22.44 -0.31 0.00	19.33 -0.34 0.00	18.57 -0.29 0.00	22.37 -0.19 0.00	20.11 -0.06 0.00	19.48 -0.08 0.00	21.05 0.03 0.00	22.89 0.19 0.00	31.09 0.03 0.00	31.45 -0.06 0.00	29.41 -0.08 0.00	26.19 -0.12 0.00	24.14 -0.06 0.00	23.58 -0.22 0.00	22.82 -0.08 0.00
HISHELDN_WT_PWR 323625	14.57 -0.95 0.00	12.99 -0.79 0.00	9.88 -0.57 -0.87	7.22 -0.29 -1.52	2.93 -0.02 -2.62	6.94 -0.28 -1.40	18.67 -0.94 0.00	23.35 -1.10 0.00	24.37 -0.81 0.00	22.17 -0.58 0.00	18.99 -0.68 0.00	18.22 -0.64 0.00	22.19 -0.37 0.00	19.91 -0.25 0.00	19.20 -0.35 0.00	20.94 -0.08 0.00	22.73 0.03 0.00	30.54 -0.52 0.00	30.69 -0.82 0.00	28.51 -0.95 0.03	25.51 -0.80 0.00	23.75 -0.45 0.00	23.22 -0.58 0.00	22.52 -0.38 0.00
HOLTSVILLE_IC_1 23690	16.97 1.44 0.00	15.06 1.27 0.00	15.62 0.81 -5.23	15.59 0.48 -9.11	16.04 0.03 -15.68	14.69 0.50 -8.37	20.98 1.37 0.00	25.94 1.50 0.00	26.69 1.51 0.00	24.12 1.36 0.00	20.89 1.22 0.00	20.09 1.23 0.00	23.82 1.26 0.00	21.44 1.28 0.00	20.96 1.40 0.00	22.52 1.47 -0.03	24.19 1.46 -0.03	33.24 2.18 0.00	34.03 2.52 0.00	32.00 2.51 0.00	28.41 2.10 0.00	25.93 1.73 0.00	25.53 1.72 0.00	24.64 1.74 0.00
HOLTSVILLE_IC_10 23699	17.06 1.53 0.00	15.13 1.34 0.00	15.67 0.86 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.07 1.46 0.00	26.06 1.62 0.00	26.81 1.63 0.00	24.24 1.48 0.00	20.99 1.32 0.00	20.19 1.32 0.00	23.94 1.37 0.00	21.56 1.39 0.00	21.08 1.53 0.00	22.67 1.62 -0.03	24.35 1.62 -0.03	33.46 2.40 0.00	34.27 2.75 0.00	32.21 2.72 0.00	28.59 2.28 0.00	26.09 1.88 0.00	25.67 1.87 0.00	24.78 1.88 0.00
HOLTSVILLE_IC_2 23691	16.97 1.44 0.00	15.06 1.27 0.00	15.62 0.81 -5.23	15.59 0.48 -9.11	16.04 0.03 -15.68	14.69 0.50 -8.37	20.98 1.37 0.00	25.94 1.50 0.00	26.69 1.51 0.00	24.12 1.36 0.00	20.89 1.22 0.00	20.09 1.23 0.00	23.82 1.26 0.00	21.44 1.28 0.00	20.96 1.40 0.00	22.52 1.47 -0.03	24.19 1.46 -0.03	33.24 2.18 0.00	34.03 2.52 0.00	32.00 2.51 0.00	28.41 2.10 0.00	25.93 1.73 0.00	25.53 1.72 0.00	24.64 1.74 0.00

HOLTSVILLE_IC_3 23692	16.97 1.44 0.00	15.06 1.27 0.00	15.62 0.81 -5.23	15.59 0.48 -9.11	16.04 0.03 -15.68	14.69 0.50 -8.37	20.98 1.37 0.00	25.94 1.50 0.00	26.69 1.51 0.00	24.12 1.36 0.00	20.89 1.22 0.00	20.09 1.23 0.00	23.82 1.26 0.00	21.44 1.28 0.00	20.96 1.40 0.00	22.52 1.47 -0.03	24.19 1.46 -0.03	33.24 2.18 0.00	34.03 2.52 0.00	32.00 2.51 0.00	28.41 2.10 0.00	25.93 1.73 0.00	25.53 1.72 0.00	24.64 1.74 0.00
HOLTSVILLE_IC_4 23693	16.97 1.44 0.00	15.06 1.27 0.00	15.62 0.81 -5.23	15.59 0.48 -9.11	16.04 0.03 -15.68	14.69 0.50 -8.37	20.98 1.37 0.00	25.94 1.50 0.00	26.69 1.51 0.00	24.12 1.36 0.00	20.89 1.22 0.00	20.09 1.23 0.00	23.82 1.26 0.00	21.44 1.28 0.00	20.96 1.40 0.00	22.52 1.47 -0.03	24.19 1.46 -0.03	33.24 2.18 0.00	34.03 2.52 0.00	32.00 2.51 0.00	28.41 2.10 0.00	25.93 1.73 0.00	25.53 1.72 0.00	24.64 1.74 0.00
HOLTSVILLE_IC_5 23694	16.97 1.44 0.00	15.06 1.27 0.00	15.62 0.81 -5.23	15.59 0.48 -9.11	16.04 0.03 -15.68	14.69 0.50 -8.37	20.98 1.37 0.00	25.94 1.50 0.00	26.69 1.51 0.00	24.12 1.36 0.00	20.89 1.22 0.00	20.09 1.23 0.00	23.82 1.26 0.00	21.44 1.28 0.00	20.96 1.40 0.00	22.52 1.47 -0.03	24.19 1.46 -0.03	33.24 2.18 0.00	34.03 2.52 0.00	32.00 2.51 0.00	28.41 2.10 0.00	25.93 1.73 0.00	25.53 1.72 0.00	24.64 1.74 0.00
HOLTSVILLE_IC_6 23695	17.06 1.53 0.00	15.13 1.34 0.00	15.67 0.86 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.07 1.46 0.00	26.06 1.62 0.00	26.81 1.63 0.00	24.24 1.48 0.00	20.99 1.32 0.00	20.19 1.32 0.00	23.94 1.37 0.00	21.56 1.39 0.00	21.08 1.53 0.00	22.67 1.62 -0.03	24.35 1.62 -0.03	33.46 2.40 0.00	34.27 2.75 0.00	32.21 2.72 0.00	28.59 2.28 0.00	26.09 1.88 0.00	25.67 1.87 0.00	24.78 1.88 0.00
HOLTSVILLE_IC_7 23696	17.06 1.53 0.00	15.13 1.34 0.00	15.67 0.86 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.07 1.46 0.00	26.06 1.62 0.00	26.81 1.63 0.00	24.24 1.48 0.00	20.99 1.32 0.00	20.19 1.32 0.00	23.94 1.37 0.00	21.56 1.39 0.00	21.08 1.53 0.00	22.67 1.62 -0.03	24.35 1.62 -0.03	33.46 2.40 0.00	34.27 2.75 0.00	32.21 2.72 0.00	28.59 2.28 0.00	26.09 1.88 0.00	25.67 1.87 0.00	24.78 1.88 0.00
HOLTSVILLE_IC_8 23697	17.06 1.53 0.00	15.13 1.34 0.00	15.67 0.86 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.07 1.46 0.00	26.06 1.62 0.00	26.81 1.63 0.00	24.24 1.48 0.00	20.99 1.32 0.00	20.19 1.32 0.00	23.94 1.37 0.00	21.56 1.39 0.00	21.08 1.53 0.00	22.67 1.62 -0.03	24.35 1.62 -0.03	33.46 2.40 0.00	34.27 2.75 0.00	32.21 2.72 0.00	28.59 2.28 0.00	26.09 1.88 0.00	25.67 1.87 0.00	24.78 1.88 0.00
HOLTSVILLE_IC_9 23698	17.06 1.53 0.00	15.13 1.34 0.00	15.67 0.86 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.07 1.46 0.00	26.06 1.62 0.00	26.81 1.63 0.00	24.24 1.48 0.00	20.99 1.32 0.00	20.19 1.32 0.00	23.94 1.37 0.00	21.56 1.39 0.00	21.08 1.53 0.00	22.67 1.62 -0.03	24.35 1.62 -0.03	33.46 2.40 0.00	34.27 2.75 0.00	32.21 2.72 0.00	28.59 2.28 0.00	26.09 1.88 0.00	25.67 1.87 0.00	24.78 1.88 0.00
HOMER_HL_115KV_TB2 355744	15.09 -0.44 0.00	13.47 -0.31 0.00	10.22 -0.27 -0.92	7.49 -0.11 -1.60	3.07 -0.01 -2.75	7.21 -0.08 -1.47	19.36 -0.25 0.00	24.13 -0.31 0.00	25.08 -0.10 0.00	22.78 0.02 0.00	19.50 -0.17 0.00	18.60 -0.27 0.00	22.59 0.03 0.00	20.27 0.10 0.00	19.61 0.06 0.00	21.31 0.29 0.00	23.14 0.44 0.00	31.15 0.10 0.00	31.43 -0.08 0.00	29.24 -0.24 0.00	26.09 -0.22 0.00	24.31 0.11 0.00	23.74 -0.06 0.00	23.06 0.16 0.00
HOWARD_WT_PWR 323690	14.60 -0.92 0.00	12.95 -0.84 0.00	9.99 -0.60 -1.01	7.45 -0.31 -1.77	3.35 -0.02 -3.04	7.16 -0.29 -1.62	18.65 -0.96 0.00	23.40 -1.04 0.00	24.60 -0.59 0.00	22.47 -0.29 0.00	19.31 -0.37 0.00	18.45 -0.42 0.00	22.44 -0.12 0.00	20.20 0.04 0.00	19.45 -0.11 0.00	21.08 0.06 0.00	23.00 0.30 0.00	31.19 0.13 0.00	31.40 -0.11 0.00	29.03 -0.50 -0.04	25.42 -0.89 0.00	23.69 -0.51 0.00	23.16 -0.64 0.00	22.34 -0.55 0.00
HQ_GEN_CEDARS 23644	15.59 0.06 0.00	13.86 0.07 0.00	9.63 0.04 0.00	6.02 0.02 0.00	0.33 0.00 0.00	5.84 0.01 0.00	19.67 0.06 0.00	24.56 0.12 0.00	25.43 0.25 0.00	22.94 0.18 0.00	19.86 0.19 0.00	19.03 0.16 0.00	22.82 0.26 0.00	20.15 -0.01 0.00	19.57 0.02 0.00	20.86 -0.16 0.00	22.46 -0.24 0.00	30.73 -0.33 0.00	31.11 -0.40 0.00	29.00 -0.49 0.00	25.92 -0.39 0.00	23.87 -0.33 0.00	23.37 -0.43 0.00	22.70 -0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	15.59 0.06 0.00	13.86 0.07 0.00	9.63 0.04 0.00	6.02 0.02 0.00	0.33 0.00 0.00	5.84 0.01 0.00	19.67 0.06 0.00	24.56 0.12 0.00	25.43 0.25 0.00	22.94 0.18 0.00	19.86 0.19 0.00	19.03 0.16 0.00	22.82 0.26 0.00	20.15 -0.01 0.00	19.57 0.02 0.00	20.86 -0.16 0.00	22.46 -0.24 0.00	30.73 -0.33 0.00	31.11 -0.40 0.00	29.00 -0.49 0.00	25.92 -0.39 0.00	23.87 -0.33 0.00	23.37 -0.43 0.00	22.88 -0.18 0.00
HQ_GEN_IMPORT 323601	15.49 -0.04 0.00	13.75 -0.04 0.00	9.55 -0.03 0.00	5.98 -0.02 0.00	0.33 0.00 0.00	5.80 -0.03 0.00	19.53 -0.08 0.00	24.36 -0.08 0.00	25.17 -0.02 0.00	22.72 -0.04 0.00	19.64 -0.03 0.00	18.83 -0.04 0.00	22.56 -0.01 0.00	20.09 -0.06 0.00	19.50 -0.05 0.00	20.85 -0.16 0.00	22.47 -0.23 0.00	30.70 -0.36 0.00	31.11 -0.40 0.00	29.05 -0.44 0.00	25.95 -0.37 0.00	23.94 -0.26 0.00	23.53 -0.27 0.00	22.67 -0.24 0.00
HQ_GEN_WHEEL 23651	15.49 -0.04 0.00	13.75 -0.04 0.00	9.55 -0.03 0.00	5.98 -0.02 0.00	0.33 0.00 0.00	5.80 -0.03 0.00	19.53 -0.08 0.00	24.36 -0.08 0.00	25.17 -0.02 0.00	22.72 -0.04 0.00	19.64 -0.03 0.00	18.83 -0.04 0.00	22.56 -0.01 0.00	20.09 -0.06 0.00	19.50 -0.05 0.00	20.85 -0.16 0.00	22.47 -0.23 0.00	30.70 -0.36 0.00	31.11 -0.40 0.00	29.05 -0.44 0.00	25.95 -0.37 0.00	23.94 -0.26 0.00	23.53 -0.27 0.00	22.67 -0.24 0.00
HUDSON_AVE_GT_3 23810	16.47 0.94 0.00	14.62 0.84 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.52 0.33 -8.37	20.47 0.86 0.00	25.32 0.88 0.00	26.02 0.83 0.00	23.62 0.86 0.00	20.49 0.82 0.00	19.71 0.84 0.00	23.41 0.85 0.00	21.07 0.90 0.00	20.54 0.99 0.00	22.17 1.12 -0.03	23.84 1.11 -0.03	32.66 1.61 0.00	33.21 1.69 0.00	31.21 1.73 0.00	27.79 1.48 0.00	25.46 1.25 0.00	25.02 1.22 0.00	23.95 1.05 0.00
HUDSON_AVE_GT_4 23540	16.47 0.94 0.00	14.62 0.84 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.52 0.33 -8.37	20.47 0.86 0.00	25.32 0.88 0.00	26.02 0.83 0.00	23.62 0.86 0.00	20.49 0.82 0.00	19.71 0.84 0.00	23.41 0.85 0.00	21.07 0.90 0.00	20.54 0.99 0.00	22.17 1.12 -0.03	23.84 1.11 -0.03	32.66 1.61 0.00	33.21 1.69 0.00	31.21 1.73 0.00	27.79 1.48 0.00	25.46 1.25 0.00	25.02 1.22 0.00	23.95 1.05 0.00

HUDSON AVE_GT_5 23657	16.47 0.94 0.00	14.62 0.84 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.52 0.33 -8.37	20.47 0.86 0.00	25.32 0.88 0.00	26.02 0.83 0.00	23.62 0.86 0.00	20.49 0.82 0.00	19.71 0.84 0.00	23.41 0.85 0.00	21.07 0.90 0.00	20.54 0.99 0.00	22.17 1.12 -0.03	23.84 1.11 -0.03	32.66 1.61 0.00	33.21 1.69 0.00	31.21 1.73 0.00	27.79 1.48 0.00	25.46 1.25 0.00	25.02 1.22 0.00	23.95 1.05 0.00
HUDSON_AVE_10 24168	16.39 0.86 0.00	14.55 0.77 0.00	15.29 0.48 -5.23	15.40 0.29 -9.11	16.02 0.02 -15.68	14.50 0.30 -8.37	20.36 0.75 0.00	25.18 0.74 0.00	25.87 0.68 0.00	-74.43 0.73 97.92	-77.55 0.70 97.92	19.60 0.73 0.00	23.26 0.70 0.01	20.94 0.78 0.01	20.41 0.86 0.01	22.04 0.99 -0.03	23.69 0.96 -0.03	32.46 1.41 0.00	33.01 1.50 0.00	31.03 1.54 0.00	27.63 1.32 0.00	25.32 1.11 0.00	24.91 1.10 0.00	23.82 0.92 0.00
HUDSON___115KV_TB 4 355613	16.10 0.57 0.00	14.31 0.53 0.00	16.44 0.36 -6.50	17.55 0.23 -11.33	19.84 0.02 -19.49	16.47 0.23 -10.41	20.24 0.63 0.00	24.99 0.55 0.00	25.51 0.32 0.00	22.95 0.19 0.00	19.79 0.12 0.00	18.97 0.10 0.00	22.58 0.02 0.00	20.26 0.10 0.00	19.68 0.13 0.00	21.26 0.27 0.02	23.11 0.44 0.02	31.96 0.91 0.00	32.68 1.16 0.00	30.74 1.26 0.00	27.42 1.11 0.00	25.06 0.86 0.00	24.59 0.79 0.00	23.49 0.59 0.00
HUNTER MOUNT___DRP 323613	16.17 0.64 0.00	14.37 0.58 0.00	16.27 0.41 -6.28	17.20 0.26 -10.95	19.19 0.02 -18.84	16.15 0.26 -10.06	20.36 0.75 0.00	25.14 0.69 0.00	25.63 0.45 0.00	23.03 0.28 0.00	19.82 0.15 0.00	18.99 0.12 0.00	22.60 0.04 0.00	20.30 0.14 0.00	19.70 0.15 0.00	21.31 0.30 0.02	23.21 0.52 0.02	32.16 1.10 0.00	32.90 1.39 0.00	30.98 1.49 0.00	27.64 1.33 0.00	25.24 1.04 0.00	24.75 0.95 0.00	23.63 0.73 0.00
HUNTINGTON_RES_REC 323705	16.86 1.33 0.00	14.95 1.17 0.00	15.55 0.74 -5.23	15.54 0.44 -9.11	16.04 0.03 -15.68	14.65 0.45 -8.37	20.84 1.23 0.00	25.79 1.35 0.00	26.54 1.35 0.00	23.99 1.23 0.00	20.79 1.12 0.00	20.01 1.15 0.00	23.73 1.17 0.00	21.38 1.22 0.00	20.88 1.33 0.00	22.42 1.37 -0.03	24.07 1.33 -0.03	33.06 2.00 0.00	33.90 2.39 0.00	31.79 2.30 0.00	28.18 1.86 0.00	25.72 1.52 0.00	25.34 1.54 0.00	24.45 1.55 0.00
HUNTLEY___63 23557	14.71 -0.82 0.00	13.12 -0.67 0.00	9.85 -0.49 -0.77	7.10 -0.24 -1.34	2.61 -0.02 -2.30	6.83 -0.23 -1.23	18.83 -0.78 0.00	23.49 -0.95 0.00	24.54 -0.65 0.00	22.29 -0.47 0.00	19.00 -0.67 0.00	18.26 -0.60 0.00	22.28 -0.28 0.00	20.01 -0.15 0.00	19.42 -0.13 0.00	21.21 0.19 0.00	22.91 0.21 0.00	30.56 -0.50 0.00	30.69 -0.82 0.00	28.70 -0.78 0.01	25.72 -0.59 0.00	23.92 -0.28 0.00	23.44 -0.36 0.00	22.81 -0.09 0.00
HUNTLEY___64 23558	14.71 -0.82 0.00	13.12 -0.67 0.00	9.85 -0.49 -0.77	7.10 -0.24 -1.34	2.61 -0.02 -2.30	6.83 -0.23 -1.23	18.83 -0.78 0.00	23.49 -0.95 0.00	24.54 -0.65 0.00	22.29 -0.47 0.00	19.00 -0.67 0.00	18.26 -0.60 0.00	22.28 -0.28 0.00	20.01 -0.15 0.00	19.42 -0.13 0.00	21.21 0.19 0.00	22.91 0.21 0.00	30.56 -0.50 0.00	30.69 -0.82 0.00	28.70 -0.78 0.01	25.72 -0.59 0.00	23.92 -0.28 0.00	23.44 -0.36 0.00	22.81 -0.09 0.00
HUNTLEY___65 23559	14.71 -0.82 0.00	13.12 -0.67 0.00	9.85 -0.49 -0.77	7.10 -0.24 -1.34	2.61 -0.02 -2.30	6.83 -0.23 -1.23	18.83 -0.78 0.00	23.49 -0.95 0.00	24.54 -0.65 0.00	22.29 -0.47 0.00	19.00 -0.67 0.00	18.26 -0.60 0.00	22.28 -0.28 0.00	20.01 -0.15 0.00	19.42 -0.13 0.00	21.21 0.19 0.00	22.91 0.21 0.00	30.56 -0.50 0.00	30.69 -0.82 0.00	28.70 -0.78 0.01	25.72 -0.59 0.00	23.92 -0.28 0.00	23.44 -0.36 0.00	22.81 -0.09 0.00
HUNTLEY___66 23560	14.71 -0.82 0.00	13.12 -0.67 0.00	9.85 -0.49 -0.77	7.10 -0.24 -1.34	2.61 -0.02 -2.30	6.83 -0.23 -1.23	18.83 -0.78 0.00	23.49 -0.95 0.00	24.54 -0.65 0.00	22.29 -0.47 0.00	19.00 -0.67 0.00	18.26 -0.60 0.00	22.28 -0.28 0.00	20.01 -0.15 0.00	19.42 -0.13 0.00	21.21 0.19 0.00	22.91 0.21 0.00	30.56 -0.50 0.00	30.69 -0.82 0.00	28.70 -0.78 0.01	25.72 -0.59 0.00	23.92 -0.28 0.00	23.44 -0.36 0.00	22.81 -0.09 0.00
HUNTLEY___67 23561	14.59 -0.94 0.00	13.01 -0.77 0.00	9.80 -0.56 -0.78	7.08 -0.28 -1.36	2.66 -0.02 -2.35	6.82 -0.26 -1.25	18.69 -0.91 0.00	23.34 -1.10 0.00	24.35 -0.84 0.00	22.11 -0.65 0.00	18.85 -0.82 0.00	18.11 -0.76 0.00	22.06 -0.50 0.00	19.82 -0.34 0.00	19.21 -0.34 0.00	20.96 -0.05 0.00	22.66 -0.04 0.00	30.31 -0.75 0.00	30.46 -1.06 0.00	28.46 -1.02 0.01	25.49 -0.82 0.00	23.73 -0.47 0.00	23.27 -0.53 0.00	22.63 -0.27 0.00
HUNTLEY___68 23562	14.59 -0.94 0.00	13.01 -0.77 0.00	9.80 -0.56 -0.78	7.08 -0.28 -1.36	2.66 -0.02 -2.35	6.82 -0.26 -1.25	18.69 -0.91 0.00	23.34 -1.10 0.00	24.35 -0.84 0.00	22.11 -0.65 0.00	18.85 -0.82 0.00	18.11 -0.76 0.00	22.06 -0.50 0.00	19.82 -0.34 0.00	19.21 -0.34 0.00	20.96 -0.05 0.00	22.66 -0.04 0.00	30.31 -0.75 0.00	30.46 -1.06 0.00	28.46 -1.02 0.01	25.49 -0.82 0.00	23.73 -0.47 0.00	23.27 -0.53 0.00	22.63 -0.27 0.00
HYLAND___LFG 323620	15.45 -0.07 0.00	13.72 -0.07 0.00	10.35 -0.07 -0.84	7.47 0.00 -1.47	2.85 0.00 -2.52	7.18 0.01 -1.35	19.71 0.10 0.00	24.63 0.19 0.00	25.45 0.26 0.00	22.64 -0.11 0.00	19.40 -0.26 0.00	18.62 -0.24 0.00	22.63 0.07 0.00	20.32 0.16 0.00	19.68 0.13 0.00	21.46 0.44 0.00	23.41 0.71 0.00	32.45 1.39 0.00	32.91 1.40 0.00	30.76 1.23 -0.04	27.39 1.08 0.00	25.36 1.15 0.00	24.76 0.96 0.00	23.88 0.98 0.00
INDECK___CORINTH 23802	16.36 0.83 0.00	14.53 0.75 0.00	17.13 0.57 -6.98	18.51 0.36 -12.16	21.28 0.02 -20.93	17.37 0.37 -11.17	20.78 1.17 0.00	25.69 1.25 0.00	26.31 1.12 0.00	23.70 0.94 0.00	20.34 0.67 0.00	19.54 0.67 0.00	23.28 0.72 0.00	20.73 0.57 0.00	20.17 0.62 0.00	21.81 0.82 0.04	23.82 1.16 0.04	32.94 1.89 0.00	33.89 2.38 0.00	31.80 2.31 0.00	28.35 2.04 0.00	25.98 1.78 0.00	25.47 1.67 0.00	24.31 1.41 0.00
INDECK___ILION 23567	15.56 0.03 0.00	13.81 0.03 0.00	9.61 0.03 0.00	6.02 0.02 0.00	0.33 0.00 0.00	5.84 0.02 0.00	19.59 -0.02 0.00	24.31 -0.13 0.00	24.92 -0.26 0.00	22.46 -0.30 0.00	19.42 -0.25 0.00	18.64 -0.23 0.00	22.20 -0.36 0.00	19.88 -0.28 0.00	19.34 -0.21 0.00	20.85 -0.17 0.00	22.64 -0.06 0.00	31.12 0.06 0.00	31.71 0.19 0.00	29.74 0.25 0.00	26.52 0.22 0.00	24.30 0.09 0.00	23.85 0.04 0.00	22.82 -0.08 0.00
INDECK___OLEAN 23982	15.09 -0.44 0.00	13.47 -0.31 0.00	10.22 -0.27 -0.92	7.49 -0.11 -1.60	3.07 -0.01 -2.75	7.22 -0.08 -1.47	19.36 -0.25 0.00	24.12 -0.32 0.00	25.08 -0.10 0.00	22.78 0.02 0.00	19.50 -0.16 0.00	18.60 -0.27 0.00	22.59 0.03 0.00	20.27 0.10 0.00	19.62 0.06 0.00	21.31 0.29 0.00	23.13 0.43 0.00	31.16 0.10 0.00	31.43 -0.08 0.00	29.26 -0.22 0.00	26.09 -0.22 0.00	24.31 0.10 0.00	23.74 -0.06 0.00	23.06 0.16 0.00

INDECK___OSWEGO 23783	15.18 -0.35 0.00	13.48 -0.31 0.00	9.74 -0.22 -0.38	6.54 -0.13 -0.67	1.48 -0.01 -1.16	6.32 -0.12 -0.62	19.32 -0.28 0.00	24.27 -0.17 0.00	25.01 -0.18 0.00	22.61 -0.15 0.00	19.53 -0.14 0.00	18.73 -0.14 0.00	22.43 -0.13 0.00	20.06 -0.10 0.00	19.38 -0.18 0.00	20.87 -0.15 0.00	22.61 -0.09 0.00	30.95 -0.11 0.00	31.38 -0.13 0.00	29.37 -0.11 0.00	26.19 -0.12 0.00	24.06 -0.15 0.00	23.69 -0.11 0.00	22.86 -0.05 0.00
INDECK___YERKES 23781	14.72 -0.80 0.00	13.14 -0.65 0.00	9.86 -0.48 -0.77	7.10 -0.23 -1.34	2.61 -0.02 -2.30	6.84 -0.22 -1.23	18.85 -0.76 0.00	23.51 -0.93 0.00	24.56 -0.62 0.00	22.32 -0.44 0.00	19.03 -0.64 0.00	18.29 -0.58 0.00	22.31 -0.25 0.00	20.04 -0.12 0.00	19.45 -0.10 0.00	21.24 0.22 0.00	22.94 0.24 0.00	30.61 -0.45 0.00	30.73 -0.78 0.00	28.75 -0.72 0.01	25.75 -0.56 0.00	23.95 -0.26 0.00	23.46 -0.34 0.00	22.84 -0.06 0.00
INDIAN POINT_GT_1 24139	16.31 0.78 0.00	14.49 0.70 0.00	15.19 0.45 -5.16	15.26 0.27 -8.99	15.81 0.02 -15.46	14.37 0.28 -8.26	20.33 0.72 0.00	25.17 0.72 0.00	25.84 0.65 0.00	23.41 0.65 0.00	20.29 0.62 0.00	19.51 0.64 0.00	23.17 0.61 0.00	20.84 0.68 0.00	20.33 0.77 0.00	21.95 0.90 -0.03	23.66 0.93 -0.03	32.43 1.37 0.00	33.00 1.49 0.00	30.98 1.49 0.00	27.57 1.25 0.00	25.24 1.04 0.00	24.80 1.00 0.00	23.75 0.85 0.00
INDIAN POINT_GT_2 23659	16.31 0.78 0.00	14.49 0.70 0.00	15.19 0.45 -5.16	15.26 0.27 -8.99	15.81 0.02 -15.46	14.37 0.28 -8.26	20.33 0.72 0.00	25.17 0.72 0.00	25.84 0.65 0.00	23.41 0.65 0.00	20.29 0.62 0.00	19.51 0.64 0.00	23.17 0.61 0.00	20.84 0.68 0.00	20.33 0.77 0.00	21.95 0.90 -0.03	23.66 0.93 -0.03	32.43 1.37 0.00	33.00 1.49 0.00	30.98 1.49 0.00	27.57 1.25 0.00	25.24 1.04 0.00	24.80 1.00 0.00	23.75 0.85 0.00
INDIAN POINT_GT_3 24019	16.31 0.78 0.00	14.49 0.70 0.00	15.19 0.45 -5.16	15.26 0.27 -8.99	15.81 0.02 -15.46	14.37 0.28 -8.26	20.33 0.72 0.00	25.17 0.72 0.00	25.84 0.65 0.00	23.41 0.65 0.00	20.29 0.62 0.00	19.51 0.64 0.00	23.17 0.61 0.00	20.84 0.68 0.00	20.33 0.77 0.00	21.95 0.90 -0.03	23.66 0.93 -0.03	32.43 1.37 0.00	33.00 1.49 0.00	30.98 1.49 0.00	27.57 1.25 0.00	25.24 1.04 0.00	24.80 1.00 0.00	23.75 0.85 0.00
INDIAN POINT___2 23530	16.28 0.76 0.00	14.47 0.68 0.00	15.08 0.43 -5.07	15.09 0.27 -8.83	15.54 0.01 -15.19	14.21 0.27 -8.11	20.30 0.69 0.00	25.14 0.70 0.00	25.81 0.63 0.00	23.38 0.63 0.00	20.27 0.60 0.00	19.48 0.62 0.00	23.15 0.59 0.00	20.82 0.66 0.00	20.31 0.75 0.00	21.94 0.89 -0.03	23.64 0.91 -0.03	32.40 1.34 0.00	32.96 1.46 0.00	30.94 1.45 0.00	27.54 1.23 0.00	25.21 1.01 0.00	24.78 0.97 0.00	23.73 0.83 0.00
INDIAN POINT___3 23531	16.29 0.77 0.00	14.47 0.68 0.00	15.18 0.44 -5.16	15.26 0.27 -8.99	15.82 0.02 -15.47	14.36 0.27 -8.26	20.31 0.70 0.00	25.14 0.70 0.00	25.81 0.63 0.00	23.38 0.63 0.00	20.27 0.60 0.00	19.49 0.62 0.00	23.15 0.59 0.00	20.81 0.65 0.00	20.30 0.74 0.00	21.93 0.88 -0.03	23.63 0.90 -0.03	32.39 1.33 0.00	32.94 1.43 0.00	30.94 1.45 0.00	27.53 1.22 0.00	25.21 1.01 0.00	24.77 0.97 0.00	23.73 0.83 0.00
INGHAM_C_115KV_TB7 356103	15.50 -0.03 0.00	13.78 0.00 0.00	9.60 0.02 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.84 0.02 0.00	19.49 -0.11 0.00	24.02 -0.42 0.00	24.45 -0.74 0.00	21.91 -0.84 0.00	18.95 -0.72 0.00	18.21 -0.66 0.00	21.59 -0.97 0.00	19.35 -0.81 0.00	18.91 -0.64 0.00	20.45 -0.57 0.00	22.36 -0.33 0.00	30.90 -0.16 0.00	31.62 0.11 0.00	29.78 0.29 0.00	26.54 0.23 0.00	24.24 0.03 0.00	23.75 -0.05 0.00	22.61 -0.29 0.00
IP CORINTH___1 23988	16.36 0.83 0.00	14.53 0.75 0.00	17.13 0.57 -6.98	18.51 0.36 -12.16	21.28 0.02 -20.93	17.37 0.37 -11.17	20.78 1.17 0.00	25.69 1.25 0.00	26.31 1.12 0.00	23.69 0.94 0.00	20.34 0.67 0.00	19.54 0.67 0.00	23.28 0.72 0.00	20.73 0.57 0.00	20.17 0.62 0.00	21.81 0.82 0.04	23.82 1.16 0.04	32.94 1.89 0.00	33.90 2.39 0.00	31.80 2.31 0.00	28.35 2.04 0.00	25.98 1.78 0.00	25.47 1.67 0.00	24.31 1.41 0.00
IP___TICONDEROGA 23804	16.86 1.33 0.00	14.98 1.20 0.00	17.33 0.78 -6.97	18.63 0.49 -12.14	21.25 0.03 -20.89	17.50 0.52 -11.15	21.36 1.76 0.00	26.33 1.89 0.00	26.97 1.78 0.00	24.28 1.52 0.00	21.02 1.34 0.00	20.18 1.32 0.00	24.16 1.60 0.00	21.53 1.37 0.00	20.93 1.37 0.00	22.60 1.62 0.04	25.05 2.39 0.04	34.79 3.74 0.00	35.89 4.38 0.00	33.70 4.21 0.00	29.90 3.59 0.00	27.19 2.98 0.00	26.59 2.78 0.00	25.29 2.39 0.00
ISLIP_RES_REC 323679	17.12 1.59 0.00	15.18 1.39 0.00	15.70 0.89 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.74 0.54 -8.37	21.14 1.53 0.00	26.14 1.70 0.00	26.90 1.72 0.00	24.33 1.57 0.00	21.07 1.39 0.00	20.27 1.40 0.00	24.04 1.48 0.00	21.66 1.50 0.00	21.18 1.63 0.00	22.79 1.74 -0.03	24.48 1.75 -0.03	33.65 2.60 0.00	34.46 2.95 0.00	32.38 2.90 0.00	28.75 2.44 0.00	26.22 2.02 0.00	25.79 1.99 0.00	24.89 1.99 0.00
JAMAICA___27_KV_LOAD 355505	16.44 0.91 0.00	14.60 0.81 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.42 0.81 0.00	25.23 0.79 0.00	25.92 0.73 0.00	-74.39 0.77 97.92	-77.53 0.72 97.92	19.63 0.77 0.00	23.28 0.73 0.01	20.96 0.80 0.01	20.43 0.88 0.01	22.06 1.01 -0.03	23.74 1.00 -0.03	32.50 1.45 0.00	33.07 1.56 0.00	31.09 1.60 0.00	27.70 1.38 0.00	25.39 1.19 0.00	25.03 1.23 0.00	23.92 1.02 0.00
JANIS___SOLAR 323808	15.97 0.45 0.00	14.14 0.36 0.00	11.08 0.23 -1.27	8.37 0.16 -2.21	4.15 0.01 -3.81	8.03 0.17 -2.03	20.21 0.60 0.00	25.17 0.73 0.00	25.87 0.69 0.00	23.23 0.47 0.00	20.07 0.40 0.00	19.21 0.34 0.00	22.98 0.42 0.00	20.58 0.41 0.00	19.96 0.41 0.00	21.63 0.62 0.00	23.65 0.95 0.00	32.58 1.53 0.00	33.24 1.72 0.00	31.15 1.66 0.00	27.66 1.35 0.00	25.44 1.23 0.00	24.95 1.14 0.00	23.96 1.06 0.00
JARVIS____ 23743	15.55 0.02 0.00	13.80 0.01 0.00	9.59 0.01 0.00	6.01 0.00 0.00	0.33 0.00 0.00	5.83 0.00 0.00	19.61 0.00 0.00	24.43 -0.01 0.00	25.15 -0.04 0.00	22.73 -0.03 0.00	19.65 -0.02 0.00	18.85 -0.02 0.00	22.51 -0.05 0.00	20.13 -0.02 0.00	19.53 -0.02 0.00	21.01 0.00 0.00	22.73 0.02 0.00	31.14 0.09 0.00	31.62 0.11 0.00	29.61 0.12 0.00	26.42 0.11 0.00	24.25 0.05 0.00	23.82 0.02 0.00	22.90 0.00 0.00
JENNISON___1 23625	16.09 0.56 0.00	14.26 0.48 0.00	11.49 0.32 -1.60	8.99 0.21 -2.78	5.13 0.01 -4.79	8.60 0.22 -2.56	20.34 0.73 0.00	25.27 0.83 0.00	26.05 0.86 0.00	23.50 0.74 0.00	20.32 0.65 0.00	19.49 0.63 0.00	23.33 0.77 0.00	20.90 0.74 0.00	20.29 0.74 0.00	21.92 0.91 0.00	23.81 1.11 0.00	32.64 1.58 0.00	33.18 1.67 0.00	31.17 1.68 0.00	27.72 1.41 0.00	25.47 1.26 0.00	24.95 1.15 0.00	23.97 1.07 0.00

JENNISON____2 23626	16.09 0.56 0.00	14.26 0.48 0.00	11.49 0.32 -1.60	8.99 0.21 -2.78	5.13 0.01 -4.79	8.60 0.22 -2.56	20.34 0.73 0.00	25.27 0.83 0.00	26.05 0.86 0.00	23.50 0.74 0.00	20.32 0.65 0.00	19.49 0.63 0.00	23.33 0.77 0.00	20.90 0.74 0.00	20.29 0.74 0.00	21.92 0.91 0.00	23.81 1.11 0.00	32.64 1.58 0.00	33.18 1.67 0.00	31.17 1.68 0.00	27.72 1.41 0.00	25.47 1.26 0.00	24.95 1.15 0.00	23.97 1.07 0.00
JERICHO_RISE_WT_PWR 323719	15.55 0.03 0.00	13.79 0.00 0.00	9.57 -0.01 0.00	5.94 -0.06 0.00	0.33 0.00 0.00	5.74 -0.09 0.00	19.30 -0.31 0.00	24.06 -0.38 0.00	25.10 -0.08 0.00	22.72 -0.04 0.00	19.62 -0.06 0.00	18.76 -0.10 0.00	22.66 0.09 0.00	20.05 -0.11 0.00	19.57 0.02 0.00	20.77 -0.25 0.00	22.10 -0.60 0.00	30.45 -0.61 0.00	30.78 -0.73 0.00	28.23 -1.26 0.00	25.23 -1.08 0.00	23.14 -1.07 0.00	22.67 -1.13 0.00	21.92 -0.98 0.00
KATONAH__115KV_46KV_TB4 355592	16.40 0.88 0.00	14.57 0.78 0.00	15.40 0.51 -5.32	15.57 0.31 -9.26	16.29 0.02 -15.94	14.65 0.31 -8.51	20.44 0.83 0.00	25.30 0.86 0.00	25.97 0.78 0.00	23.55 0.79 0.00	20.43 0.75 0.00	19.64 0.77 0.00	23.33 0.77 0.00	20.97 0.81 0.00	20.44 0.89 0.00	22.10 1.05 -0.03	23.82 1.09 -0.03	32.64 1.59 0.00	33.21 1.69 0.00	31.17 1.69 0.00	27.76 1.45 0.00	25.41 1.21 0.00	24.96 1.16 0.00	23.89 0.99 0.00
KCE_NY_1 323755	16.30 0.77 0.00	14.48 0.70 0.00	17.05 0.52 -6.96	18.45 0.33 -12.12	21.20 0.02 -20.86	17.29 0.33 -11.14	20.60 0.99 0.00	25.46 1.02 0.00	26.09 0.91 0.00	23.47 0.72 0.00	20.26 0.59 0.00	19.45 0.58 0.00	23.16 0.60 0.00	20.74 0.58 0.00	20.16 0.60 0.00	21.79 0.81 0.04	23.71 1.05 0.04	32.71 1.66 0.00	33.42 1.91 0.00	31.34 1.85 0.00	27.93 1.62 0.00	25.53 1.33 0.00	25.06 1.25 0.00	23.97 1.07 0.00
KCE_NY_6_ESR 323823	14.76 -0.77 0.00	13.15 -0.63 0.00	9.92 -0.47 -0.81	7.20 -0.23 -1.42	2.77 -0.02 -2.45	6.93 -0.20 -1.31	18.90 -0.71 0.00	23.59 -0.85 0.00	24.61 -0.57 0.00	22.36 -0.40 0.00	19.08 -0.59 0.00	18.34 -0.53 0.00	22.35 -0.21 0.00	20.08 -0.09 0.00	19.43 -0.12 0.00	21.20 0.18 0.00	22.94 0.24 0.00	30.73 -0.32 0.00	30.89 -0.63 0.00	28.87 -0.60 0.01	25.83 -0.48 0.00	24.05 -0.15 0.00	23.55 -0.25 0.00	22.90 0.00 0.00
KEDC_PORT_JEFF_GT2 24210	17.03 1.50 0.00	15.10 1.32 0.00	15.65 0.85 -5.23	15.61 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.04 1.43 0.00	26.00 1.56 0.00	26.75 1.57 0.00	24.19 1.43 0.00	20.93 1.26 0.00	20.12 1.26 0.00	23.83 1.27 0.00	21.46 1.31 0.00	20.99 1.44 0.00	22.56 1.51 -0.03	24.23 1.50 -0.03	33.21 2.15 0.00	34.01 2.50 0.00	32.03 2.55 0.00	28.44 2.12 0.00	25.95 1.74 0.00	25.56 1.76 0.00	24.69 1.79 0.00
KEDC_PORT_JEFF_GT3 24211	17.03 1.50 0.00	15.10 1.32 0.00	15.65 0.85 -5.23	15.61 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.04 1.43 0.00	26.00 1.56 0.00	26.75 1.57 0.00	24.19 1.43 0.00	20.93 1.26 0.00	20.12 1.26 0.00	23.83 1.27 0.00	21.46 1.31 0.00	20.99 1.44 0.00	22.56 1.51 -0.03	24.23 1.50 -0.03	33.21 2.15 0.00	34.01 2.50 0.00	32.03 2.55 0.00	28.44 2.12 0.00	25.95 1.74 0.00	25.56 1.76 0.00	24.69 1.79 0.00
KEDC_GLWD_GT4 24219	16.59 1.07 0.00	14.73 0.94 0.00	15.41 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.51 1.07 0.00	26.21 1.03 0.00	23.75 1.00 0.00	20.62 0.95 0.00	19.85 0.99 0.00	23.55 0.99 0.00	21.21 1.04 0.00	20.68 1.13 0.00	22.28 1.23 -0.03	23.83 1.09 -0.03	32.68 1.62 0.00	33.30 1.79 0.00	31.26 1.77 0.00	27.99 1.68 0.00	25.60 1.40 0.00	25.14 1.34 0.00	24.14 1.24 0.00
KEDC_GLWD_GT5 24220	16.59 1.07 0.00	14.73 0.94 0.00	15.41 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.51 1.07 0.00	26.21 1.03 0.00	23.75 1.00 0.00	20.62 0.95 0.00	19.85 0.99 0.00	23.55 0.99 0.00	21.21 1.04 0.00	20.68 1.13 0.00	22.28 1.23 -0.03	23.83 1.09 -0.03	32.68 1.62 0.00	33.30 1.79 0.00	31.26 1.77 0.00	27.99 1.68 0.00	25.60 1.40 0.00	25.14 1.34 0.00	24.14 1.24 0.00
KENSICO____ 23655	16.36 0.83 0.00	14.53 0.74 0.00	15.27 0.48 -5.21	15.37 0.29 -9.08	15.98 0.02 -15.63	14.47 0.30 -8.35	20.38 0.77 0.00	25.21 0.77 0.00	25.88 0.70 0.00	23.46 0.71 0.00	20.35 0.68 0.00	19.56 0.70 0.00	23.24 0.68 0.00	20.90 0.74 0.00	20.38 0.82 0.00	22.01 0.96 -0.03	23.70 0.97 -0.03	32.49 1.43 0.00	33.06 1.55 0.00	31.04 1.55 0.00	27.64 1.33 0.00	25.30 1.10 0.00	24.87 1.07 0.00	23.82 0.91 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	16.36 0.84 0.00	14.52 0.73 0.00	14.87 0.47 -4.81	14.68 0.29 -8.39	14.79 0.02 -14.44	13.83 0.29 -7.71	20.37 0.76 0.00	25.27 0.83 0.00	25.95 0.76 0.00	23.44 0.68 0.00	20.26 0.59 0.00	19.45 0.59 0.00	23.14 0.58 0.00	20.83 0.67 0.00	20.28 0.73 0.00	21.93 0.89 -0.02	23.74 1.02 -0.02	32.63 1.58 0.00	33.26 1.75 0.00	31.27 1.78 0.00	27.84 1.53 0.00	25.48 1.28 0.00	25.01 1.21 0.00	23.95 1.04 0.00
KIAC_JFK_GT1 23816	16.35 0.82 0.00	14.52 0.74 0.00	15.27 0.46 -5.23	15.39 0.28 -9.11	16.02 0.02 -15.68	14.48 0.28 -8.37	20.30 0.69 0.00	25.08 0.64 0.00	25.76 0.58 0.00	-74.52 0.64 97.92	-77.65 0.61 97.92	19.52 0.65 0.00	23.14 0.59 0.01	20.83 0.68 0.01	20.29 0.74 0.01	21.87 0.82 -0.03	23.52 0.78 -0.03	32.21 1.16 0.00	32.76 1.25 0.00	30.81 1.33 0.00	27.44 1.13 0.00	25.22 1.02 0.00	24.88 1.07 0.00	23.77 0.87 0.00
KIAC_JFK_GT2 23817	16.35 0.82 0.00	14.52 0.74 0.00	15.27 0.46 -5.23	15.39 0.28 -9.11	16.02 0.02 -15.68	14.48 0.28 -8.37	20.30 0.69 0.00	25.08 0.64 0.00	25.76 0.58 0.00	-74.52 0.64 97.92	-77.65 0.61 97.92	19.52 0.65 0.00	23.14 0.59 0.01	20.83 0.68 0.01	20.29 0.74 0.01	21.87 0.82 -0.03	23.52 0.78 -0.03	32.21 1.16 0.00	32.76 1.25 0.00	30.81 1.33 0.00	27.44 1.13 0.00	25.22 1.02 0.00	24.88 1.07 0.00	23.77 0.87 0.00
KIAC_JFK____ 323774	16.34 0.82 0.00	14.52 0.73 0.00	15.27 0.46 -5.23	15.39 0.28 -9.11	16.02 0.02 -15.68	14.48 0.28 -8.37	20.30 0.69 0.00	25.08 0.64 0.00	25.76 0.58 0.00	-74.52 0.64 97.92	-77.65 0.61 97.92	19.52 0.65 0.00	23.14 0.59 0.01	20.83 0.68 0.01	20.29 0.74 0.01	21.87 0.82 -0.03	23.52 0.78 -0.03	32.21 1.16 0.00	32.76 1.25 0.00	30.81 1.32 0.00	27.44 1.13 0.00	25.22 1.02 0.00	24.88 1.08 0.00	23.77 0.87 0.00
KINTIGH____ 23543	14.67 -0.86 0.00	13.08 -0.71 0.00	9.75 -0.50 -0.67	6.92 -0.25 -1.18	2.34 -0.02 -2.03	6.67 -0.24 -1.08	18.76 -0.85 0.00	23.45 -0.99 0.00	24.41 -0.78 0.00	22.14 -0.62 0.00	18.90 -0.77 0.00	18.13 -0.73 0.00	22.05 -0.51 0.00	19.79 -0.37 0.00	19.19 -0.36 0.00	20.91 -0.10 0.00	22.60 -0.10 0.00	30.35 -0.71 0.00	30.55 -0.96 0.00	28.56 -0.93 0.01	25.56 -0.75 0.00	23.73 -0.47 0.00	23.28 -0.52 0.00	22.61 -0.29 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	15.79 0.26 0.00	13.99 0.21 0.00	9.71 0.13 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.54 -0.07 0.00	24.37 -0.08 0.00	25.46 0.27 0.00	23.00 0.25 0.00	19.88 0.21 0.00	19.03 0.16 0.00	23.02 0.46 0.00	20.36 0.20 0.00	19.87 0.32 0.00	21.13 0.11 0.00	22.44 -0.26 0.00	30.99 -0.06 0.00	31.40 -0.11 0.00	28.76 -0.73 0.00	25.66 -0.65 0.00	23.44 -0.77 0.00	22.96 -0.84 0.00	22.16 -0.74 0.00
LACHUTE___HYDRO 323717	16.86 1.33 0.00	14.98 1.20 0.00	17.33 0.78 -6.97	18.63 0.49 -12.14	21.25 0.03 -20.89	17.50 0.52 -11.15	21.36 1.76 0.00	26.33 1.89 0.00	26.96 1.78 0.00	24.28 1.52 0.00	21.02 1.34 0.00	20.18 1.32 0.00	24.16 1.60 0.00	21.53 1.37 0.00	20.93 1.37 0.00	22.60 1.62 0.04	25.05 2.39 0.04	34.79 3.74 0.00	35.89 4.38 0.00	33.70 4.21 0.00	29.90 3.59 0.00	27.19 2.98 0.00	26.58 2.78 0.00	25.29 2.39 0.00
LAWRNCALV_115KV_TB1 80681	15.47 -0.06 0.00	13.74 -0.05 0.00	9.53 -0.04 0.00	5.95 -0.05 0.00	0.33 0.00 0.00	5.78 -0.04 0.00	19.49 -0.12 0.00	24.38 -0.06 0.00	25.27 0.08 0.00	22.80 0.04 0.00	19.78 0.11 0.00	18.96 0.09 0.00	22.71 0.14 0.00	20.08 -0.08 0.00	19.49 -0.07 0.00	20.70 -0.31 0.00	22.31 -0.39 0.00	30.61 -0.44 0.00	31.01 -0.50 0.00	28.89 -0.60 0.00	25.83 -0.49 0.00	23.71 -0.49 0.00	23.15 -0.65 0.00	22.45 -0.45 0.00
LEDERLE___ 23769	16.34 0.82 0.00	14.51 0.72 0.00	15.02 0.46 -4.97	14.95 0.29 -8.67	15.26 0.02 -14.91	14.08 0.29 -7.96	20.37 0.76 0.00	25.24 0.80 0.00	25.93 0.74 0.00	23.48 0.73 0.00	20.35 0.68 0.00	19.56 0.70 0.00	23.27 0.71 0.00	20.93 0.77 0.00	20.43 0.87 0.00	22.08 1.03 -0.03	23.81 1.08 -0.03	32.64 1.58 0.00	33.19 1.68 0.00	31.14 1.65 0.00	27.69 1.38 0.00	25.35 1.14 0.00	24.89 1.09 0.00	23.84 0.94 0.00
LIGHTHSE_115KV_TB6 355974	15.32 -0.20 0.00	13.59 -0.20 0.00	9.78 -0.15 -0.36	6.53 -0.10 -0.62	1.39 -0.01 -1.07	6.31 -0.09 -0.57	19.42 -0.19 0.00	24.37 -0.08 0.00	25.10 -0.08 0.00	22.66 -0.10 0.00	19.62 -0.05 0.00	18.77 -0.10 0.00	22.41 -0.16 0.00	20.10 -0.06 0.00	19.33 -0.23 0.00	20.73 -0.29 0.00	22.62 -0.08 0.00	31.21 0.15 0.00	31.69 0.18 0.00	29.68 0.19 0.00	26.47 0.15 0.00	24.08 -0.13 0.00	23.54 -0.26 0.00	22.67 -0.23 0.00
LINDEN COGEN___ 23786	-38.69 0.82 55.03	-488.96 0.72 503.48	-71.54 0.46 81.58	-13.85 0.28 20.13	16.02 0.02 -15.68	14.49 0.29 -8.37	19.34 0.73 0.99	-64.03 0.73 89.20	-258.81 0.67 284.67	-122.83 0.69 146.27	-222.87 0.67 243.20	-6.30 0.69 25.86	23.26 0.70 0.00	20.94 0.77 0.00	-634.55 0.83 654.94	-94.09 0.94 116.05	23.64 0.91 -0.03	32.06 1.33 0.32	32.69 1.44 0.25	27.35 1.47 3.60	-82.77 1.26 110.34	22.74 1.06 2.52	24.02 1.03 0.81	23.80 0.90 0.00
LINDHRST_69_KV_BK1 356055	16.96 1.43 0.00	15.03 1.24 0.00	15.61 0.80 -5.23	15.58 0.47 -9.11	16.04 0.03 -15.68	14.68 0.48 -8.37	20.96 1.35 0.00	25.94 1.50 0.00	26.69 1.50 0.00	24.12 1.37 0.00	20.91 1.24 0.00	20.14 1.27 0.00	23.88 1.32 0.00	21.51 1.35 0.00	21.02 1.47 0.00	22.56 1.51 -0.03	24.26 1.52 -0.03	33.35 2.29 0.00	34.09 2.57 0.00	32.00 2.51 0.00	28.47 2.16 0.00	26.01 1.80 0.00	25.59 1.78 0.00	24.66 1.75 0.00
LIPA_MISC_IPP 23656	17.06 1.53 0.00	15.13 1.34 0.00	15.67 0.86 -5.23	15.62 0.51 -9.11	16.04 0.03 -15.68	14.72 0.52 -8.37	21.07 1.46 0.00	26.04 1.60 0.00	26.80 1.62 0.00	24.23 1.47 0.00	20.97 1.30 0.00	20.18 1.31 0.00	23.93 1.37 0.00	21.55 1.38 0.00	21.07 1.52 0.00	22.67 1.62 -0.03	24.37 1.63 -0.03	33.52 2.46 0.00	34.31 2.80 0.00	32.26 2.77 0.00	28.63 2.32 0.00	26.12 1.91 0.00	25.68 1.88 0.00	24.79 1.89 0.00
LISF___SOLAR 323691	17.09 1.56 0.00	15.16 1.37 0.00	15.69 0.88 -5.23	15.63 0.52 -9.11	16.04 0.03 -15.68	14.73 0.53 -8.37	21.09 1.49 0.00	26.08 1.64 0.00	26.84 1.65 0.00	24.25 1.50 0.00	20.99 1.32 0.00	20.19 1.32 0.00	23.94 1.38 0.00	21.55 1.39 0.00	21.09 1.53 0.00	22.69 1.65 -0.03	24.40 1.67 -0.03	33.58 2.52 0.00	34.38 2.87 0.00	32.33 2.84 0.00	28.69 2.38 0.00	26.17 1.97 0.00	25.74 1.93 0.00	24.84 1.94 0.00
LITTLE FALLS___HYD 24013	15.50 -0.03 0.00	13.78 0.00 0.00	9.60 0.02 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.84 0.02 0.00	19.49 -0.11 0.00	24.02 -0.42 0.00	24.45 -0.74 0.00	21.91 -0.84 0.00	18.95 -0.72 0.00	18.21 -0.66 0.00	21.59 -0.97 0.00	19.35 -0.81 0.00	18.91 -0.64 0.00	20.45 -0.57 0.00	22.36 -0.33 0.00	30.90 -0.16 0.00	31.62 0.11 0.00	29.78 0.29 0.00	26.54 0.23 0.00	24.24 0.03 0.00	23.75 -0.05 0.00	22.61 -0.29 0.00
LITTLRIV_115KV_TB1 356100	15.61 0.08 0.00	13.86 0.07 0.00	9.62 0.04 0.00	6.00 0.00 0.00	0.33 0.00 0.00	5.83 0.01 0.00	19.67 0.06 0.00	24.59 0.15 0.00	25.44 0.25 0.00	22.92 0.16 0.00	19.94 0.27 0.00	19.10 0.23 0.00	22.89 0.33 0.00	20.27 0.11 0.00	19.69 0.13 0.00	20.88 -0.14 0.00	22.48 -0.22 0.00	30.92 -0.14 0.00	31.35 -0.16 0.00	29.19 -0.29 0.00	26.11 -0.20 0.00	23.98 -0.23 0.00	23.39 -0.41 0.00	22.67 -0.23 0.00
LI_NEWBRDGE___DRP 323616	16.62 1.09 0.00	14.74 0.96 0.00	15.42 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.59 0.98 0.00	25.49 1.04 0.00	26.19 1.01 0.00	23.69 0.93 0.00	20.55 0.88 0.00	19.79 0.92 0.00	23.45 0.89 0.00	21.11 0.95 0.00	20.60 1.04 0.00	22.14 1.09 -0.03	23.77 1.04 -0.03	32.66 1.60 0.00	33.36 1.85 0.00	31.30 1.82 0.00	27.84 1.53 0.00	25.45 1.25 0.00	25.04 1.24 0.00	24.12 1.22 0.00
LOCKPORT_115KV_TB60_63_64 80432	14.55 -0.97 0.00	12.99 -0.79 0.00	9.73 -0.58 -0.73	6.99 -0.29 -1.28	2.51 -0.02 -2.20	6.72 -0.28 -1.18	18.64 -0.97 0.00	23.26 -1.18 0.00	24.28 -0.91 0.00	22.04 -0.72 0.00	18.77 -0.90 0.00	18.04 -0.82 0.00	22.00 -0.57 0.00	19.76 -0.41 0.00	19.18 -0.37 0.00	20.96 -0.06 0.00	22.66 -0.04 0.00	30.24 -0.82 0.00	30.39 -1.12 0.00	28.44 -1.04 0.01	25.49 -0.82 0.00	23.71 -0.50 0.00	23.24 -0.56 0.00	22.61 -0.29 0.00
LOCKPORT___CC1 323769	14.54 -0.98 0.00	12.98 -0.80 0.00	9.74 -0.58 -0.74	6.99 -0.29 -1.29	2.53 -0.02 -2.22	6.73 -0.28 -1.18	18.63 -0.98 0.00	23.25 -1.20 0.00	24.27 -0.91 0.00	22.03 -0.73 0.00	18.77 -0.90 0.00	18.03 -0.83 0.00	22.00 -0.57 0.00	19.75 -0.41 0.00	19.17 -0.38 0.00	20.95 -0.07 0.00	22.64 -0.06 0.00	30.24 -0.81 0.00	30.38 -1.13 0.00	28.43 -1.05 0.01	25.47 -0.85 0.00	23.69 -0.52 0.00	23.22 -0.58 0.00	22.61 -0.30 0.00
LOCKPORT___CC2 323770	14.54 -0.98 0.00	12.98 -0.80 0.00	9.74 -0.58 -0.74	6.99 -0.29 -1.29	2.53 -0.02 -2.22	6.73 -0.28 -1.18	18.63 -0.98 0.00	23.25 -1.20 0.00	24.27 -0.91 0.00	22.03 -0.73 0.00	18.77 -0.90 0.00	18.03 -0.83 0.00	22.00 -0.57 0.00	19.75 -0.41 0.00	19.17 -0.38 0.00	20.95 -0.07 0.00	22.64 -0.06 0.00	30.24 -0.81 0.00	30.38 -1.13 0.00	28.43 -1.05 0.01	25.47 -0.85 0.00	23.69 -0.52 0.00	23.22 -0.58 0.00	22.61 -0.30 0.00

LOCKPORT__CC3 323771	14.54 -0.98 0.00	12.98 -0.80 0.00	9.74 -0.58 -0.74	6.99 -0.29 -1.29	2.53 -0.02 -2.22	6.73 -0.28 -1.18	18.63 -0.98 0.00	23.25 -1.20 0.00	24.27 -0.91 0.00	22.03 -0.73 0.00	18.77 -0.90 0.00	18.03 -0.83 0.00	22.00 -0.57 0.00	19.75 -0.41 0.00	19.17 -0.38 0.00	20.95 -0.07 0.00	22.64 -0.06 0.00	30.24 -0.81 0.00	30.38 -1.13 0.00	28.43 -1.05 0.01	25.47 -0.85 0.00	23.69 -0.52 0.00	23.22 -0.58 0.00	22.61 -0.30 0.00
LONG_LAKE_PHOENIX 24014	15.29 -0.24 0.00	13.58 -0.21 0.00	9.83 -0.15 -0.40	6.60 -0.09 -0.69	1.52 -0.01 -1.19	6.38 -0.08 -0.64	19.46 -0.15 0.00	24.42 -0.02 0.00	25.18 -0.01 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.86 0.00 0.00	22.60 0.04 0.00	20.23 0.06 0.00	19.55 0.00 0.00	21.09 0.07 0.00	22.83 0.13 0.00	31.22 0.17 0.00	31.63 0.12 0.00	29.60 0.11 0.00	26.40 0.09 0.00	24.27 0.07 0.00	23.93 0.12 0.00	23.07 0.17 0.00
LOVETT__3 23632	16.27 0.74 0.00	14.45 0.66 0.00	15.00 0.42 -5.00	14.97 0.26 -8.71	15.33 0.02 -14.99	14.10 0.27 -8.00	20.28 0.67 0.00	25.12 0.68 0.00	25.80 0.61 0.00	23.37 0.61 0.00	20.25 0.58 0.00	19.46 0.60 0.00	23.14 0.58 0.00	20.81 0.65 0.00	20.30 0.75 0.00	21.94 0.89 -0.03	23.65 0.92 -0.03	32.41 1.35 0.00	32.97 1.46 0.00	30.94 1.45 0.00	27.52 1.21 0.00	25.20 0.99 0.00	24.76 0.95 0.00	23.71 0.81 0.00
LOVETT__4 23642	16.27 0.74 0.00	14.45 0.66 0.00	15.00 0.42 -5.00	14.97 0.26 -8.71	15.33 0.02 -14.99	14.10 0.27 -8.00	20.28 0.67 0.00	25.12 0.68 0.00	25.80 0.61 0.00	23.37 0.61 0.00	20.25 0.58 0.00	19.46 0.60 0.00	23.14 0.58 0.00	20.81 0.65 0.00	20.30 0.75 0.00	21.94 0.89 -0.03	23.65 0.92 -0.03	32.41 1.35 0.00	32.97 1.46 0.00	30.94 1.45 0.00	27.52 1.21 0.00	25.20 0.99 0.00	24.76 0.95 0.00	23.71 0.81 0.00
LOVETT__5 23593	16.27 0.74 0.00	14.45 0.66 0.00	15.00 0.42 -5.00	14.97 0.26 -8.71	15.33 0.02 -14.99	14.10 0.27 -8.00	20.28 0.67 0.00	25.12 0.68 0.00	25.80 0.61 0.00	23.37 0.61 0.00	20.25 0.58 0.00	19.46 0.60 0.00	23.14 0.58 0.00	20.81 0.65 0.00	20.30 0.75 0.00	21.94 0.89 -0.03	23.65 0.92 -0.03	32.41 1.35 0.00	32.97 1.46 0.00	30.94 1.45 0.00	27.52 1.21 0.00	25.20 0.99 0.00	24.76 0.95 0.00	23.71 0.81 0.00
LOWER RAQUET__HYD 24057	15.43 -0.10 0.00	13.70 -0.08 0.00	9.50 -0.08 0.00	5.93 -0.07 0.00	0.33 0.00 0.00	5.77 -0.06 0.00	19.43 -0.18 0.00	24.33 -0.12 0.00	25.21 0.03 0.00	22.75 0.00 0.00	19.76 0.08 0.00	18.93 0.06 0.00	22.67 0.11 0.00	20.06 -0.10 0.00	19.46 -0.09 0.00	20.65 -0.37 0.00	22.26 -0.44 0.00	30.58 -0.47 0.00	30.98 -0.53 0.00	28.85 -0.64 0.00	25.80 -0.52 0.00	23.66 -0.54 0.00	23.08 -0.72 0.00	22.37 -0.53 0.00
LOWER__HUDSON 24059	16.10 0.57 0.00	14.31 0.52 0.00	16.77 0.38 -6.81	18.11 0.24 -11.87	20.77 0.01 -20.43	16.97 0.23 -10.91	20.26 0.65 0.00	24.99 0.54 0.00	25.53 0.34 0.00	23.01 0.25 0.00	19.91 0.24 0.00	19.10 0.24 0.00	22.70 0.14 0.00	20.35 0.18 0.00	19.77 0.21 0.00	21.34 0.37 0.05	23.13 0.48 0.05	31.91 0.86 0.00	32.57 1.06 0.00	30.58 1.09 0.00	27.26 0.95 0.00	24.92 0.72 0.00	24.51 0.71 0.00	23.42 0.52 0.00
LOWVILLE_115KV_TB2 356335	15.54 0.01 0.00	13.72 -0.07 0.00	9.67 -0.10 -0.19	6.22 -0.11 -0.33	0.89 -0.01 -0.57	5.98 -0.15 -0.31	19.29 -0.32 0.00	24.21 -0.23 0.00	25.06 -0.12 0.00	22.70 -0.06 0.00	19.76 0.08 0.00	18.85 -0.01 0.00	22.34 -0.22 0.00	20.09 -0.07 0.00	19.32 -0.23 0.00	20.47 -0.55 0.00	22.50 -0.20 0.00	31.40 0.34 0.00	31.91 0.40 0.00	29.95 0.47 0.00	26.66 0.35 0.00	23.93 -0.28 0.00	22.89 -0.91 0.00	21.98 -0.92 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.31 0.78 0.00	14.49 0.71 0.00	17.05 0.52 -6.96	18.44 0.33 -12.12	21.20 0.02 -20.86	17.29 0.32 -11.14	20.59 0.98 0.00	25.45 1.01 0.00	26.05 0.87 0.00	23.47 0.71 0.00	20.25 0.58 0.00	19.44 0.58 0.00	23.16 0.59 0.00	20.72 0.56 0.00	20.14 0.59 0.00	21.77 0.79 0.04	23.66 1.00 0.04	32.66 1.60 0.00	33.37 1.86 0.00	31.31 1.83 0.00	27.91 1.60 0.00	25.53 1.32 0.00	25.06 1.26 0.00	23.96 1.06 0.00
LUTHERNY_35_KV_BK2 355980	16.30 0.77 0.00	14.48 0.70 0.00	17.05 0.52 -6.96	18.45 0.33 -12.12	21.20 0.02 -20.86	17.29 0.33 -11.14	20.60 0.99 0.00	25.46 1.02 0.00	26.09 0.91 0.00	23.47 0.72 0.00	20.26 0.59 0.00	19.45 0.58 0.00	23.16 0.60 0.00	20.74 0.58 0.00	20.16 0.60 0.00	21.79 0.81 0.04	23.71 1.05 0.04	32.72 1.66 0.00	33.42 1.91 0.00	31.34 1.86 0.00	27.93 1.62 0.00	25.53 1.33 0.00	25.06 1.25 0.00	23.97 1.07 0.00
LWR__OSWEGATCHIE_HYD 23850	15.44 -0.09 0.00	13.68 -0.11 0.00	9.61 -0.11 -0.14	6.14 -0.10 -0.24	0.74 -0.01 -0.42	5.94 -0.11 -0.22	19.34 -0.27 0.00	24.25 -0.19 0.00	25.09 -0.10 0.00	22.66 -0.10 0.00	19.70 0.03 0.00	18.83 -0.03 0.00	22.42 -0.15 0.00	20.00 -0.16 0.00	19.29 -0.27 0.00	20.45 -0.57 0.00	22.27 -0.43 0.00	30.88 -0.18 0.00	31.35 -0.16 0.00	29.32 -0.17 0.00	26.16 -0.15 0.00	23.74 -0.47 0.00	22.95 -0.85 0.00	22.14 -0.76 0.00
LYONS_FALL_HYD 23570	15.64 0.11 0.00	13.84 0.05 0.00	9.76 0.00 -0.18	6.29 -0.03 -0.32	0.88 -0.01 -0.55	6.06 -0.06 -0.30	19.54 -0.07 0.00	24.47 0.03 0.00	25.27 0.09 0.00	22.87 0.11 0.00	19.86 0.19 0.00	18.98 0.11 0.00	22.56 0.00 0.00	20.26 0.10 0.00	19.56 0.01 0.00	20.86 -0.16 0.00	22.80 0.10 0.00	31.63 0.58 0.00	32.15 0.64 0.00	30.15 0.66 0.00	26.85 0.53 0.00	24.29 0.09 0.00	23.45 -0.35 0.00	22.53 -0.37 0.00
MADISON__COUNTY_LFGE 323628	15.76 0.24 0.00	13.99 0.20 0.00	10.00 0.12 -0.30	6.60 0.08 -0.52	1.24 0.00 -0.91	6.38 0.07 -0.49	19.89 0.28 0.00	24.84 0.39 0.00	25.56 0.38 0.00	23.11 0.35 0.00	20.01 0.34 0.00	19.17 0.30 0.00	22.93 0.37 0.00	20.53 0.37 0.00	19.93 0.38 0.00	21.49 0.47 0.00	23.33 0.63 0.00	32.07 1.01 0.00	32.59 1.08 0.00	30.49 1.00 0.00	27.17 0.86 0.00	24.87 0.67 0.00	24.35 0.54 0.00	23.39 0.48 0.00
MALONE__115KV_TB1 356076	15.64 0.11 0.00	13.86 0.07 0.00	9.61 0.03 0.00	5.98 -0.02 0.00	0.33 0.00 0.00	5.78 -0.04 0.00	19.47 -0.14 0.00	24.33 -0.12 0.00	25.34 0.16 0.00	22.92 0.16 0.00	19.80 0.13 0.00	18.97 0.10 0.00	22.85 0.28 0.00	20.24 0.08 0.00	19.72 0.16 0.00	20.93 -0.08 0.00	22.35 -0.35 0.00	30.82 -0.24 0.00	31.15 -0.36 0.00	28.72 -0.76 0.00	25.66 -0.65 0.00	23.54 -0.67 0.00	23.02 -0.78 0.00	22.24 -0.67 0.00
MAPLEWOD_115KV_TB3 80458	16.01 0.48 0.00	14.23 0.45 0.00	16.66 0.31 -6.77	17.99 0.20 -11.79	20.64 0.01 -20.30	16.86 0.19 -10.84	20.10 0.49 0.00	24.81 0.36 0.00	25.35 0.17 0.00	22.88 0.12 0.00	19.80 0.13 0.00	18.99 0.13 0.00	22.59 0.03 0.00	20.24 0.08 0.00	19.69 0.13 0.00	21.26 0.28 0.04	23.03 0.37 0.04	31.75 0.70 0.00	32.36 0.85 0.00	30.38 0.89 0.00	27.08 0.77 0.00	24.77 0.57 0.00	24.35 0.54 0.00	23.27 0.37 0.00

MAPLE_RIDGE_WT_1 323574	15.38 -0.15 0.00	13.59 -0.20 0.00	9.43 -0.14 0.00	5.89 -0.11 0.00	0.32 -0.01 0.00	5.70 -0.13 0.00	19.24 -0.37 0.00	24.05 -0.39 0.00	24.92 -0.26 0.00	22.57 -0.19 0.00	19.56 -0.11 0.00	18.71 -0.15 0.00	22.34 -0.22 0.00	19.95 -0.22 0.00	19.36 -0.20 0.00	20.66 -0.36 0.00	22.37 -0.33 0.00	30.72 -0.34 0.00	30.99 -0.52 0.00	28.97 -0.52 0.00	25.95 -0.36 0.00	23.67 -0.54 0.00	23.02 -0.78 0.00	22.13 -0.77 0.00
MAPLE_RIDGE_WT_2 323611	15.38 -0.15 0.00	13.59 -0.20 0.00	9.43 -0.14 0.00	5.89 -0.11 0.00	0.32 -0.01 0.00	5.70 -0.13 0.00	19.24 -0.37 0.00	24.05 -0.39 0.00	24.92 -0.26 0.00	22.57 -0.19 0.00	19.56 -0.11 0.00	18.71 -0.15 0.00	22.34 -0.22 0.00	19.95 -0.22 0.00	19.36 -0.20 0.00	20.66 -0.36 0.00	22.37 -0.33 0.00	30.72 -0.34 0.00	30.99 -0.52 0.00	28.97 -0.52 0.00	25.95 -0.36 0.00	23.67 -0.54 0.00	23.02 -0.78 0.00	22.13 -0.77 0.00
MARBLE_RIVER_WT_PWR 323696	15.60 0.07 0.00	13.83 0.04 0.00	9.59 0.01 0.00	5.96 -0.04 0.00	0.33 0.00 0.00	5.75 -0.08 0.00	19.32 -0.29 0.00	24.09 -0.35 0.00	25.16 -0.02 0.00	22.76 0.01 0.00	19.65 -0.02 0.00	18.80 -0.07 0.00	22.71 0.15 0.00	20.10 -0.07 0.00	19.62 0.06 0.00	20.83 -0.19 0.00	22.13 -0.57 0.00	30.52 -0.53 0.00	30.88 -0.64 0.00	28.25 -1.24 0.00	25.21 -1.10 0.00	15.96 -1.13 7.12	22.62 -1.18 0.00	21.87 -1.04 0.00
MARSHVLE_115KV_TB1 80742	16.60 1.07 0.00	14.70 0.91 0.00	18.58 0.61 -8.39	20.99 0.37 -14.62	25.51 0.02 -25.16	19.63 0.37 -13.44	20.91 1.30 0.00	26.20 1.75 0.00	27.17 1.98 0.00	24.63 1.87 0.00	21.23 1.56 0.00	20.33 1.47 0.00	24.37 1.80 0.00	21.78 1.62 0.00	21.08 1.53 0.00	22.68 1.68 0.02	24.44 1.76 0.02	33.51 2.46 0.00	34.00 2.49 0.00	31.89 2.40 0.00	28.40 2.08 0.00	26.09 1.89 0.00	25.54 1.73 0.00	24.66 1.76 0.00
MARSH_HILL_WT_PWR 323713	14.58 -0.94 0.00	12.93 -0.86 0.00	9.97 -0.61 -1.00	7.42 -0.32 -1.74	3.31 -0.02 -2.99	7.14 -0.29 -1.60	18.64 -0.97 0.00	23.37 -1.07 0.00	24.57 -0.62 0.00	22.44 -0.32 0.00	19.28 -0.39 0.00	18.43 -0.44 0.00	22.42 -0.14 0.00	20.18 0.02 0.00	19.43 -0.13 0.00	21.05 0.04 0.00	22.97 0.27 0.00	31.14 0.09 0.00	31.35 -0.16 0.00	28.98 -0.54 -0.04	25.41 -0.90 0.00	23.68 -0.53 0.00	23.14 -0.67 0.00	22.32 -0.58 0.00
MCINTYRE_115KV_TB2 80467	15.73 0.20 0.00	13.97 0.19 0.00	9.69 0.11 0.00	6.05 0.05 0.00	0.33 0.00 0.00	5.88 0.05 0.00	19.83 0.22 0.00	24.76 0.32 0.00	25.54 0.36 0.00	22.99 0.23 0.00	20.03 0.36 0.00	19.18 0.31 0.00	22.99 0.43 0.00	20.37 0.21 0.00	19.80 0.24 0.00	20.99 -0.02 0.00	22.60 -0.10 0.00	31.08 0.02 0.00	31.53 0.01 0.00	29.36 -0.13 0.00	26.28 -0.03 0.00	24.18 -0.03 0.00	23.60 -0.20 0.00	22.86 -0.04 0.00
MECO____69_KV_BK1 80468	17.02 1.50 0.00	15.08 1.29 0.00	18.41 0.88 -7.95	20.39 0.54 -13.85	24.21 0.03 -23.85	19.10 0.54 -12.73	21.42 1.81 0.00	26.38 1.94 0.00	26.91 1.73 0.00	23.81 1.05 0.00	20.34 0.66 0.00	19.70 0.83 0.00	23.13 0.57 0.00	20.79 0.63 0.00	20.69 1.14 0.00	22.31 1.32 0.03	24.04 1.37 0.03	34.67 3.61 0.00	35.27 3.76 0.00	33.11 3.62 0.00	29.50 3.19 0.00	27.03 2.82 0.00	26.40 2.60 0.00	25.36 2.46 0.00
MENANDS__115KV_TB5 355628	15.92 0.39 0.00	14.16 0.38 0.00	16.59 0.26 -6.75	17.93 0.17 -11.76	20.59 0.01 -20.25	16.80 0.16 -10.81	19.98 0.37 0.00	24.65 0.21 0.00	25.19 0.01 0.00	22.74 -0.02 0.00	19.70 0.02 0.00	18.89 0.03 0.00	22.45 -0.11 0.00	20.13 -0.03 0.00	19.57 0.02 0.00	21.13 0.15 0.04	22.88 0.21 0.04	31.51 0.46 0.00	32.12 0.60 0.00	30.15 0.66 0.00	26.88 0.56 0.00	24.58 0.38 0.00	24.18 0.37 0.00	23.10 0.20 0.00
MG INDUSTRY___DRP 24185	15.98 0.46 0.00	14.21 0.43 0.00	16.48 0.32 -6.58	17.66 0.20 -11.46	20.07 0.01 -19.72	16.56 0.20 -10.53	20.13 0.52 0.00	24.87 0.42 0.00	25.41 0.23 0.00	22.92 0.16 0.00	19.81 0.14 0.00	19.01 0.14 0.00	22.61 0.05 0.00	20.25 0.09 0.00	19.67 0.11 0.00	21.23 0.23 0.02	22.98 0.30 0.02	31.64 0.58 0.00	32.24 0.72 0.00	30.27 0.78 0.00	26.99 0.68 0.00	24.71 0.51 0.00	24.29 0.49 0.00	23.25 0.34 0.00
MID___OSWEGATCHIE_HYD 23849	15.44 -0.09 0.00	13.68 -0.11 0.00	9.61 -0.11 -0.14	6.14 -0.10 -0.24	0.74 -0.01 -0.42	5.94 -0.11 -0.22	19.34 -0.27 0.00	24.25 -0.19 0.00	25.09 -0.10 0.00	22.66 -0.10 0.00	19.70 0.03 0.00	18.83 -0.03 0.00	22.42 -0.15 0.00	20.00 -0.16 0.00	19.29 -0.27 0.00	20.45 -0.57 0.00	22.27 -0.43 0.00	30.88 -0.18 0.00	31.35 -0.16 0.00	29.32 -0.17 0.00	26.16 -0.15 0.00	23.74 -0.47 0.00	22.95 -0.85 0.00	22.14 -0.76 0.00
MID___RAQUETTE_HYD 23851	15.43 -0.10 0.00	13.70 -0.08 0.00	9.50 -0.08 0.00	5.93 -0.07 0.00	0.33 0.00 0.00	5.77 -0.06 0.00	19.43 -0.18 0.00	24.33 -0.12 0.00	25.21 0.03 0.00	22.75 0.00 0.00	19.76 0.08 0.00	18.93 0.06 0.00	22.67 0.11 0.00	20.06 -0.10 0.00	19.46 -0.09 0.00	20.65 -0.37 0.00	22.26 -0.44 0.00	30.58 -0.47 0.00	30.98 -0.53 0.00	28.86 -0.63 0.00	25.80 -0.52 0.00	23.66 -0.54 0.00	23.08 -0.73 0.00	22.37 -0.53 0.00
MILLIKEN___1 23584	15.67 0.14 0.00	13.89 0.11 0.00	10.62 0.07 -0.97	7.75 0.06 -1.69	3.24 0.00 -2.91	7.44 0.06 -1.55	19.89 0.29 0.00	24.84 0.40 0.00	25.61 0.43 0.00	23.12 0.36 0.00	19.94 0.26 0.00	19.10 0.23 0.00	22.89 0.33 0.00	20.51 0.35 0.00	19.87 0.32 0.00	21.50 0.48 0.00	23.40 0.70 0.00	32.01 0.95 0.00	32.55 1.04 0.00	30.48 0.99 0.00	27.13 0.82 0.00	24.94 0.73 0.00	24.48 0.68 0.00	23.55 0.64 0.00
MILLIKEN___2 23585	15.67 0.14 0.00	13.89 0.11 0.00	10.62 0.07 -0.97	7.75 0.06 -1.69	3.24 0.00 -2.91	7.44 0.06 -1.55	19.89 0.29 0.00	24.84 0.40 0.00	25.61 0.43 0.00	23.12 0.36 0.00	19.94 0.26 0.00	19.10 0.23 0.00	22.89 0.33 0.00	20.51 0.35 0.00	19.87 0.32 0.00	21.50 0.48 0.00	23.40 0.70 0.00	32.01 0.95 0.00	32.55 1.04 0.00	30.48 0.99 0.00	27.13 0.82 0.00	24.94 0.73 0.00	24.48 0.68 0.00	23.55 0.64 0.00
MILLIKEN___DIESEL 23629	15.67 0.14 0.00	13.89 0.11 0.00	10.62 0.07 -0.97	7.75 0.06 -1.69	3.24 0.00 -2.91	7.44 0.06 -1.55	19.89 0.29 0.00	24.84 0.40 0.00	25.61 0.43 0.00	23.12 0.36 0.00	19.94 0.26 0.00	19.10 0.23 0.00	22.89 0.33 0.00	20.51 0.35 0.00	19.87 0.32 0.00	21.50 0.48 0.00	23.40 0.70 0.00	32.01 0.95 0.00	32.55 1.04 0.00	30.48 0.99 0.00	27.13 0.82 0.00	24.94 0.73 0.00	24.48 0.68 0.00	23.55 0.64 0.00
MILLSEAT___LFGE 323607	14.86 -0.66 0.00	13.25 -0.54 0.00	9.88 -0.41 -0.71	7.05 -0.19 -1.23	2.44 -0.01 -2.13	6.79 -0.18 -1.13	18.99 -0.62 0.00	23.71 -0.74 0.00	24.70 -0.48 0.00	22.38 -0.38 0.00	19.07 -0.60 0.00	18.33 -0.53 0.00	22.33 -0.23 0.00	20.05 -0.11 0.00	19.49 -0.06 0.00	21.33 0.31 0.00	23.13 0.43 0.00	31.01 -0.05 0.00	31.17 -0.34 0.00	29.16 -0.32 0.01	26.11 -0.20 0.00	24.24 0.04 0.00	23.74 -0.07 0.00	23.05 0.15 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.33 0.80 0.00	14.50 0.71 0.00	15.23 0.46 -5.19	15.32 0.28 -9.04	15.90 0.02 -15.55	14.42 0.29 -8.30	20.35 0.74 0.00	25.19 0.74 0.00	25.84 0.65 0.00	23.42 0.67 0.00	20.31 0.64 0.00	19.52 0.66 0.00	23.19 0.63 0.00	20.85 0.69 0.00	20.33 0.77 0.00	21.96 0.91 -0.03	23.66 0.93 -0.03	32.43 1.37 0.00	33.00 1.49 0.00	30.99 1.50 0.00	27.58 1.27 0.00	25.25 1.05 0.00	24.82 1.02 0.00	23.77 0.87 0.00
MILLWOOD_13_KV_LOAD 356217	16.36 0.84 0.00	14.54 0.75 0.00	15.25 0.48 -5.19	15.33 0.29 -9.04	15.90 0.02 -15.55	14.43 0.30 -8.30	20.39 0.79 0.00	25.24 0.80 0.00	25.91 0.73 0.00	23.49 0.73 0.00	20.36 0.69 0.00	19.58 0.71 0.00	23.26 0.70 0.00	20.92 0.76 0.00	20.40 0.84 0.00	22.04 0.99 -0.03	23.74 1.01 -0.03	32.55 1.50 0.00	33.12 1.61 0.00	31.10 1.61 0.00	27.68 1.37 0.00	25.34 1.13 0.00	24.89 1.09 0.00	23.84 0.94 0.00
MODEL_CITY_ENERGY 24167	14.39 -1.13 0.00	12.85 -0.93 0.00	9.65 -0.68 -0.75	6.95 -0.35 -1.30	2.55 -0.02 -2.24	6.69 -0.34 -1.20	18.44 -1.17 0.00	23.01 -1.44 0.00	24.02 -1.16 0.00	21.81 -0.95 0.00	18.57 -1.10 0.00	17.84 -1.03 0.00	21.76 -0.80 0.00	19.54 -0.62 0.00	18.97 -0.58 0.00	20.72 -0.29 0.00	22.38 -0.32 0.00	29.87 -1.19 0.00	30.02 -1.49 0.00	28.12 -1.36 0.01	25.18 -1.13 0.00	23.42 -0.78 0.00	22.97 -0.83 0.00	22.37 -0.53 0.00
MODERN_LFGE_ 323580	14.39 -1.13 0.00	12.85 -0.93 0.00	9.65 -0.68 -0.75	6.95 -0.35 -1.30	2.55 -0.02 -2.24	6.69 -0.34 -1.20	18.44 -1.17 0.00	23.01 -1.44 0.00	24.02 -1.16 0.00	21.81 -0.95 0.00	18.57 -1.10 0.00	17.84 -1.03 0.00	21.76 -0.80 0.00	19.54 -0.62 0.00	18.97 -0.58 0.00	20.72 -0.29 0.00	22.38 -0.32 0.00	29.87 -1.19 0.00	30.02 -1.49 0.00	28.12 -1.36 0.01	25.18 -1.13 0.00	23.42 -0.78 0.00	22.97 -0.83 0.00	22.37 -0.53 0.00
MOHAWK_PAPER___DRP 24187	16.01 0.48 0.00	14.23 0.45 0.00	16.66 0.31 -6.77	17.99 0.20 -11.79	20.64 0.01 -20.30	16.86 0.19 -10.84	20.10 0.49 0.00	24.81 0.36 0.00	25.35 0.17 0.00	22.88 0.12 0.00	19.80 0.13 0.00	18.99 0.13 0.00	22.59 0.03 0.00	20.24 0.08 0.00	19.69 0.13 0.00	21.26 0.28 0.04	23.03 0.37 0.04	31.75 0.70 0.00	32.36 0.85 0.00	30.38 0.89 0.00	27.08 0.77 0.00	24.77 0.57 0.00	24.35 0.54 0.00	23.27 0.37 0.00
MOHICAN__35_KV_115KV_LD 80490	16.43 0.90 0.00	14.60 0.81 0.00	17.13 0.59 -6.96	18.50 0.38 -12.13	21.23 0.02 -20.88	17.36 0.38 -11.15	20.83 1.22 0.00	25.74 1.29 0.00	26.34 1.16 0.00	23.72 0.96 0.00	20.40 0.73 0.00	19.59 0.73 0.00	23.36 0.80 0.00	20.82 0.66 0.00	20.26 0.70 0.00	21.90 0.92 0.04	23.95 1.29 0.04	33.13 2.08 0.00	34.06 2.55 0.00	31.96 2.48 0.00	28.48 2.17 0.00	26.06 1.85 0.00	25.55 1.75 0.00	24.37 1.47 0.00
MONGAUP___HYD 23641	16.26 0.73 0.00	14.43 0.65 0.00	14.64 0.42 -4.64	14.34 0.26 -8.08	14.25 0.01 -13.90	13.51 0.26 -7.42	20.31 0.70 0.00	25.15 0.71 0.00	25.80 0.61 0.00	23.27 0.51 0.00	20.09 0.42 0.00	19.26 0.39 0.00	22.93 0.36 0.00	20.55 0.39 0.00	20.03 0.48 0.00	21.66 0.62 -0.02	23.48 0.75 -0.03	32.27 1.21 0.00	32.93 1.42 0.00	30.98 1.49 0.00	27.60 1.29 0.00	25.29 1.09 0.00	24.87 1.07 0.00	23.81 0.91 0.00
MONTAUK___DIESEL 23721	17.70 2.17 0.00	15.68 1.89 0.00	16.04 1.23 -5.23	15.84 0.74 -9.11	16.05 0.04 -15.68	14.94 0.74 -8.37	21.81 2.21 0.00	27.03 2.59 0.00	27.93 2.74 0.00	25.35 2.59 0.00	21.97 2.30 0.00	21.19 2.32 0.00	25.22 2.66 0.00	22.74 2.58 0.00	22.24 2.69 0.00	24.00 2.95 -0.03	25.84 3.11 -0.03	35.59 4.53 0.00	36.33 4.81 0.00	34.15 4.66 0.00	30.26 3.95 0.00	27.55 3.34 0.00	26.98 3.18 0.00	25.96 3.06 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.54 -0.99 0.00	12.91 -0.87 0.00	9.82 -0.63 -0.86	7.21 -0.29 -1.51	2.90 -0.02 -2.59	6.96 -0.25 -1.38	18.86 -0.75 0.00	23.58 -0.86 0.00	24.75 -0.44 0.00	22.68 -0.07 0.00	19.55 -0.12 0.00	18.80 -0.06 0.00	22.87 0.31 0.00	20.45 0.29 0.00	19.58 0.02 0.00	21.40 0.39 0.00	23.31 0.61 0.00	31.15 0.09 0.00	30.78 -0.73 0.00	28.55 -0.93 0.01	25.46 -0.85 0.00	24.54 0.34 0.00	23.88 0.08 0.00	23.00 0.10 0.00
MORTIMER_115KV_TB3 55949	15.05 -0.48 0.00	13.39 -0.40 0.00	9.89 -0.29 -0.61	6.92 -0.14 -1.06	2.14 -0.01 -1.82	6.66 -0.13 -0.97	19.18 -0.43 0.00	23.99 -0.45 0.00	24.91 -0.28 0.00	22.56 -0.20 0.00	19.33 -0.34 0.00	18.56 -0.30 0.00	22.51 -0.05 0.00	20.20 0.04 0.00	19.61 0.06 0.00	21.34 0.32 0.00	23.10 0.40 0.00	31.19 0.13 0.00	31.45 -0.06 0.00	29.40 -0.09 0.00	26.29 -0.03 0.00	24.31 0.10 0.00	23.86 0.06 0.00	23.08 0.18 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.43 0.90 0.00	14.59 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.44 0.83 0.00	25.29 0.84 0.00	25.96 0.78 0.00	23.56 0.81 0.00	20.44 0.77 0.00	19.66 0.79 0.00	23.34 0.78 0.00	21.00 0.84 0.00	20.48 0.92 0.00	22.10 1.05 -0.03	23.78 1.05 -0.03	32.59 1.53 0.00	33.14 1.63 0.00	31.15 1.66 0.00	27.73 1.42 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
MUNSVILLE_WIND_PWR 323609	16.41 0.88 0.00	14.48 0.70 0.00	11.45 0.44 -1.43	8.79 0.29 -2.50	4.65 0.02 -4.30	8.43 0.31 -2.30	20.63 1.02 0.00	25.64 1.20 0.00	26.42 1.24 0.00	23.83 1.07 0.00	20.68 1.01 0.00	19.85 0.99 0.00	23.71 1.15 0.00	21.23 1.06 0.00	20.63 1.07 0.00	22.31 1.29 0.00	24.33 1.63 0.00	33.53 2.48 0.00	34.21 2.69 0.00	31.98 2.49 0.00	28.26 1.95 0.00	26.01 1.81 0.00	25.50 1.71 0.00	24.45 1.55 0.00
N SALMON___HYD 24042	15.64 0.11 0.00	13.86 0.07 0.00	9.61 0.03 0.00	5.98 -0.02 0.00	0.33 0.00 0.00	5.78 -0.04 0.00	19.47 -0.14 0.00	24.33 -0.11 0.00	25.34 0.16 0.00	22.92 0.16 0.00	19.80 0.13 0.00	18.97 0.10 0.00	22.85 0.28 0.00	20.24 0.08 0.00	19.72 0.16 0.00	20.94 -0.08 0.00	22.35 -0.35 0.00	30.82 -0.24 0.00	31.15 -0.36 0.00	28.72 -0.77 0.00	25.66 -0.65 0.00	23.54 -0.67 0.00	23.02 -0.79 0.00	22.24 -0.67 0.00
N.AKRON__115KV_KNAPP 355671	14.78 -0.75 0.00	13.18 -0.61 0.00	9.85 -0.45 -0.72	7.04 -0.21 -1.25	2.47 -0.01 -2.15	6.78 -0.20 -1.15	18.90 -0.71 0.00	23.58 -0.86 0.00	24.59 -0.59 0.00	22.30 -0.46 0.00	19.00 -0.67 0.00	18.31 -0.55 0.00	22.27 -0.29 0.00	19.98 -0.18 0.00	19.43 -0.13 0.00	21.25 0.23 0.00	23.02 0.32 0.00	30.80 -0.26 0.00	30.94 -0.57 0.00	28.94 -0.54 0.01	25.94 -0.38 0.00	24.10 -0.11 0.00	23.61 -0.20 0.00	22.94 0.04 0.00
N.BELMOR_69_KV_BK1 55787	16.73 1.20 0.00	14.84 1.05 0.00	15.48 0.67 -5.23	15.50 0.39 -9.11	16.03 0.02 -15.68	14.60 0.41 -8.37	20.71 1.10 0.00	25.64 1.20 0.00	26.37 1.18 0.00	23.85 1.09 0.00	20.69 1.02 0.00	19.93 1.06 0.00	23.62 1.06 0.00	21.27 1.11 0.00	20.77 1.21 0.00	22.32 1.27 -0.03	24.00 1.26 -0.03	32.96 1.91 0.00	33.64 2.13 0.00	31.50 2.01 0.00	28.10 1.79 0.00	25.69 1.49 0.00	25.26 1.46 0.00	24.32 1.42 0.00

N.E_GEN_SANDY PD 24062	16.12 0.60 0.00	14.34 0.55 0.00	16.01 0.38 -6.04	16.77 0.24 -10.53	18.47 0.01 -18.12	15.74 0.23 -9.68	20.21 0.60 0.00	24.84 0.47 0.08	25.19 0.25 0.24	22.98 0.22 0.00	19.91 0.24 0.00	19.10 0.23 0.00	22.65 0.09 0.00	20.34 0.18 0.00	19.78 0.22 0.00	21.12 0.36 0.25	22.83 0.39 0.26	32.00 0.71 -0.23	32.39 0.88 0.00	30.42 0.94 0.00	27.30 0.81 -0.17	24.59 0.60 0.22	24.43 0.63 0.00	23.99 0.45 -0.63
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.30 0.77 0.00	14.47 0.68 0.00	15.00 0.44 -4.99	14.95 0.27 -8.69	15.29 0.02 -14.95	14.09 0.28 -7.98	20.32 0.71 0.00	25.17 0.72 0.00	25.84 0.66 0.00	23.41 0.66 0.00	20.29 0.62 0.00	19.50 0.64 0.00	23.19 0.63 0.00	20.86 0.70 0.00	20.36 0.80 0.00	22.00 0.95 -0.03	23.72 0.99 -0.03	32.51 1.46 0.00	33.07 1.55 0.00	31.03 1.54 0.00	27.59 1.28 0.00	25.26 1.06 0.00	24.82 1.01 0.00	23.77 0.87 0.00
N.QUEENS_27_KV_LOAD 356247	16.42 0.90 0.00	14.61 0.82 0.00	15.32 0.51 -5.23	15.41 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.38 0.77 0.00	25.24 0.80 0.00	25.93 0.75 0.00	23.57 0.81 0.00	20.48 0.80 0.00	19.68 0.82 0.00	23.27 0.71 0.00	21.01 0.85 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.77 1.04 -0.03	32.57 1.51 0.00	33.10 1.60 0.00	31.15 1.66 0.00	27.74 1.43 0.00	25.38 1.18 0.00	24.96 1.16 0.00	23.90 1.00 0.00
N.TROY____115KV_TB1 355778	16.10 0.57 0.00	14.31 0.53 0.00	16.77 0.38 -6.81	18.11 0.24 -11.87	20.77 0.01 -20.43	16.97 0.23 -10.91	20.25 0.65 0.00	24.99 0.54 0.00	25.53 0.34 0.00	23.01 0.25 0.00	19.91 0.24 0.00	19.10 0.24 0.00	22.71 0.15 0.00	20.35 0.18 0.00	19.77 0.21 0.00	21.34 0.37 0.05	23.13 0.48 0.05	31.91 0.86 0.00	32.57 1.06 0.00	30.59 1.10 0.00	27.26 0.95 0.00	24.93 0.72 0.00	24.51 0.71 0.00	23.42 0.52 0.00
NARROWS_GT1_1 24228	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT1_2 24229	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT1_3 24230	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT1_4 24231	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT1_5 24232	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT1_6 24233	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT1_7 24234	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT1_8 24235	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT2_1 24236	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT2_2 24237	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT2_3 24238	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00

NARROWS_GT2_4 24239	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT2_5 24240	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT2_6 24241	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT2_7 24242	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NARROWS_GT2_8 24243	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.17 0.64 0.00	14.37 0.58 0.00	16.27 0.41 -6.28	17.20 0.26 -10.95	19.19 0.02 -18.84	16.15 0.26 -10.06	20.36 0.75 0.00	25.14 0.69 0.00	25.63 0.45 0.00	23.03 0.28 0.00	19.82 0.15 0.00	18.99 0.12 0.00	22.60 0.04 0.00	20.30 0.14 0.00	19.70 0.15 0.00	21.31 0.30 0.02	23.21 0.52 0.02	32.16 1.10 0.00	32.90 1.39 0.00	30.98 1.49 0.00	27.64 1.33 0.00	25.24 1.04 0.00	24.75 0.95 0.00	23.63 0.73 0.00
NCHELSEA_115KV_TR2 355582	16.40 0.87 0.00	14.56 0.78 0.00	15.33 0.51 -5.24	15.44 0.31 -9.13	16.06 0.02 -15.71	14.53 0.31 -8.39	20.46 0.85 0.00	25.32 0.87 0.00	25.98 0.79 0.00	23.52 0.76 0.00	20.37 0.70 0.00	19.58 0.72 0.00	23.28 0.72 0.00	20.93 0.77 0.00	20.40 0.85 0.00	22.06 1.01 -0.02	23.82 1.10 -0.02	32.69 1.63 0.00	33.26 1.75 0.00	31.21 1.72 0.00	27.79 1.48 0.00	25.44 1.24 0.00	24.99 1.18 0.00	23.92 1.02 0.00
NEG CAPITAL___MECHNVIL 23645	16.29 0.76 0.00	14.47 0.69 0.00	16.99 0.50 -6.91	18.35 0.32 -12.04	21.07 0.02 -20.73	17.20 0.31 -11.07	20.54 0.93 0.00	25.39 0.94 0.00	25.98 0.79 0.00	23.42 0.66 0.00	20.22 0.55 0.00	19.41 0.54 0.00	23.11 0.55 0.00	20.68 0.52 0.00	20.12 0.57 0.00	21.74 0.77 0.04	23.63 0.97 0.04	32.62 1.56 0.00	33.31 1.80 0.00	31.28 1.79 0.00	27.86 1.55 0.00	25.48 1.28 0.00	25.02 1.21 0.00	23.90 1.00 0.00
NEG CENTRAL_HIGH_ACRES 23767	14.89 -0.64 0.00	13.23 -0.55 0.00	9.77 -0.39 -0.59	6.81 -0.21 -1.03	2.08 -0.02 -1.76	6.57 -0.20 -0.94	18.98 -0.63 0.00	23.74 -0.70 0.00	24.60 -0.58 0.00	22.29 -0.47 0.00	19.14 -0.53 0.00	18.37 -0.50 0.00	22.23 -0.33 0.00	19.94 -0.22 0.00	19.35 -0.21 0.00	21.03 0.01 0.00	22.79 0.08 0.00	30.86 -0.20 0.00	31.16 -0.35 0.00	29.13 -0.36 0.00	25.99 -0.32 0.00	24.00 -0.21 0.00	23.57 -0.24 0.00	22.77 -0.13 0.00
NEG CENTRAL___DRP 24199	15.34 -0.19 0.00	13.61 -0.17 0.00	10.10 -0.12 -0.64	7.07 -0.05 -1.12	2.25 0.00 -1.92	6.81 -0.05 -1.03	19.54 -0.06 0.00	24.43 -0.01 0.00	25.25 0.06 0.00	22.83 0.08 0.00	19.64 -0.03 0.00	18.85 -0.01 0.00	22.68 0.12 0.00	20.34 0.18 0.00	19.69 0.13 0.00	21.35 0.33 0.00	23.22 0.52 0.00	31.58 0.52 0.00	32.03 0.52 0.00	29.98 0.48 0.00	26.68 0.37 0.00	24.58 0.37 0.00	24.11 0.31 0.00	23.24 0.33 0.00
NEG CENTRAL___INDECK 23768	15.30 -0.23 0.00	13.59 -0.19 0.00	10.26 -0.16 -0.84	7.42 -0.05 -1.47	2.85 -0.01 -2.53	7.13 -0.04 -1.35	19.51 -0.09 0.00	24.41 -0.03 0.00	25.32 0.13 0.00	22.73 -0.03 0.00	19.49 -0.18 0.00	18.70 -0.17 0.00	22.72 0.16 0.00	20.40 0.24 0.00	19.77 0.21 0.00	21.54 0.53 0.00	23.51 0.81 0.00	32.18 1.12 0.00	32.51 1.00 0.00	30.34 0.81 -0.04	27.00 0.69 0.00	25.01 0.80 0.00	24.45 0.65 0.00	23.61 0.71 0.00
NEG CENTRAL___SENECA 23627	15.31 -0.21 0.00	13.60 -0.18 0.00	10.15 -0.14 -0.71	7.18 -0.05 -1.23	2.45 0.00 -2.13	6.92 -0.04 -1.13	19.53 -0.08 0.00	24.39 -0.05 0.00	25.22 0.04 0.00	22.82 0.06 0.00	19.60 -0.07 0.00	18.82 -0.05 0.00	22.69 0.13 0.00	20.37 0.21 0.00	19.73 0.17 0.00	21.42 0.40 0.00	23.32 0.62 0.00	31.65 0.60 0.00	32.08 0.56 0.00	30.03 0.54 -0.01	26.72 0.41 0.00	24.64 0.44 0.00	24.12 0.32 0.00	23.27 0.37 0.00
NEG CENTRAL___STATE_STREET 24147	15.56 0.03 0.00	13.77 -0.02 0.00	10.21 0.01 -0.63	7.12 0.02 -1.09	2.21 0.00 -1.88	6.84 0.01 -1.00	19.80 0.19 0.00	24.76 0.32 0.00	25.58 0.39 0.00	23.13 0.37 0.00	19.90 0.23 0.00	19.10 0.24 0.00	22.93 0.37 0.00	20.56 0.39 0.00	19.87 0.31 0.00	21.49 0.47 0.00	23.39 0.69 0.00	31.82 0.76 0.00	32.40 0.89 0.00	30.33 0.84 0.00	26.98 0.67 0.00	24.81 0.60 0.00	24.38 0.58 0.00	23.43 0.53 0.00
NEG MILLWOOD___DRP 24198	16.44 0.92 0.00	14.61 0.82 0.00	15.42 0.54 -5.30	15.57 0.33 -9.24	16.26 0.02 -15.91	14.65 0.33 -8.49	20.51 0.90 0.00	25.38 0.94 0.00	26.04 0.86 0.00	23.60 0.84 0.00	20.46 0.79 0.00	19.67 0.81 0.00	23.38 0.82 0.00	21.03 0.87 0.00	20.50 0.95 0.00	22.16 1.11 -0.03	23.92 1.19 -0.03	32.80 1.75 0.00	33.36 1.86 0.00	31.32 1.83 0.00	27.88 1.57 0.00	25.52 1.32 0.00	25.06 1.26 0.00	23.98 1.08 0.00
NEG NORTH_FLCN_SEA 23793	15.78 0.25 0.00	13.99 0.21 0.00	9.71 0.13 0.00	6.04 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.52 -0.09 0.00	24.34 -0.10 0.00	25.44 0.26 0.00	22.98 0.23 0.00	19.86 0.19 0.00	19.02 0.15 0.00	23.00 0.44 0.00	20.35 0.18 0.00	19.86 0.31 0.00	21.10 0.08 0.00	22.43 -0.27 0.00	30.95 -0.10 0.00	31.34 -0.16 0.00	28.68 -0.81 0.00	25.58 -0.73 0.00	23.35 -0.86 0.00	22.88 -0.92 0.00	22.09 -0.81 0.00

NEG NORTH_KES_CHATEGAY 23792	15.60 0.08 0.00	13.83 0.05 0.00	9.60 0.02 0.00	5.96 -0.03 0.00	0.33 0.00 0.00	5.75 -0.07 0.00	19.37 -0.24 0.00	24.15 -0.29 0.00	25.18 0.00 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.81 -0.05 0.00	22.74 0.18 0.00	20.11 -0.05 0.00	19.64 0.08 0.00	20.84 -0.17 0.00	22.17 -0.53 0.00	30.58 -0.48 0.00	30.92 -0.59 0.00	28.37 -1.11 0.00	25.35 -0.97 0.00	23.24 -0.96 0.00	22.78 -1.03 0.00	22.01 -0.89 0.00
NEG NORTH___ALICE_FALLS 23915	15.79 0.26 0.00	13.99 0.21 0.00	9.71 0.13 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.54 -0.07 0.00	24.37 -0.08 0.00	25.46 0.27 0.00	23.00 0.25 0.00	19.88 0.21 0.00	19.03 0.16 0.00	23.02 0.46 0.00	20.36 0.20 0.00	19.87 0.32 0.00	21.13 0.11 0.00	22.44 -0.26 0.00	30.99 -0.06 0.00	31.40 -0.11 0.00	28.76 -0.73 0.00	25.66 -0.65 0.00	23.44 -0.77 0.00	22.96 -0.84 0.00	22.16 -0.74 0.00
NEG NORTH___LWR_SARANAC 23913	15.79 0.26 0.00	13.99 0.21 0.00	9.71 0.13 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.54 -0.07 0.00	24.37 -0.08 0.00	25.46 0.27 0.00	23.00 0.25 0.00	19.88 0.21 0.00	19.03 0.16 0.00	23.02 0.46 0.00	20.36 0.20 0.00	19.87 0.32 0.00	21.13 0.11 0.00	22.44 -0.26 0.00	30.99 -0.06 0.00	31.40 -0.11 0.00	28.76 -0.73 0.00	25.66 -0.65 0.00	23.44 -0.77 0.00	22.96 -0.84 0.00	22.16 -0.74 0.00
NEG NORTH___PLATTSBURG 23628	15.79 0.26 0.00	14.00 0.21 0.00	9.71 0.13 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.81 -0.02 0.00	19.54 -0.07 0.00	24.37 -0.07 0.00	25.46 0.28 0.00	23.00 0.25 0.00	19.88 0.21 0.00	19.03 0.16 0.00	23.02 0.46 0.00	20.36 0.20 0.00	19.87 0.32 0.00	21.13 0.11 0.00	22.44 -0.26 0.00	30.99 -0.06 0.00	31.40 -0.11 0.00	28.76 -0.73 0.00	25.66 -0.65 0.00	23.44 -0.77 0.00	22.96 -0.84 0.00	22.16 -0.74 0.00
NEG WEST_LEA_LOCKPORT 23791	14.55 -0.98 0.00	12.98 -0.80 0.00	9.73 -0.58 -0.74	6.99 -0.29 -1.29	2.53 -0.02 -2.22	6.73 -0.28 -1.18	18.63 -0.98 0.00	23.25 -1.19 0.00	24.27 -0.91 0.00	22.03 -0.72 0.00	18.77 -0.90 0.00	18.03 -0.83 0.00	21.99 -0.57 0.00	19.75 -0.41 0.00	19.17 -0.38 0.00	20.95 -0.07 0.00	22.64 -0.06 0.00	30.24 -0.82 0.00	30.38 -1.13 0.00	28.41 -1.07 0.01	25.46 -0.85 0.00	23.69 -0.52 0.00	23.22 -0.58 0.00	22.60 -0.31 0.00
NEG WEST___LANCASTR 23811	14.89 -0.63 0.00	13.28 -0.50 0.00	10.04 -0.40 -0.86	7.31 -0.19 -1.50	2.91 -0.01 -2.59	7.05 -0.16 -1.38	19.08 -0.53 0.00	23.80 -0.64 0.00	24.80 -0.39 0.00	22.48 -0.28 0.00	19.21 -0.46 0.00	18.43 -0.43 0.00	22.42 -0.14 0.00	20.15 -0.02 0.00	19.53 -0.03 0.00	21.25 0.24 0.00	23.01 0.31 0.00	30.89 -0.17 0.00	31.11 -0.40 0.00	29.04 -0.44 0.01	25.98 -0.33 0.00	24.14 -0.06 0.00	23.64 -0.16 0.00	22.97 0.06 0.00
NEG_PENN_ALLEGHNY 23528	15.52 -0.01 0.00	13.80 0.01 0.00	11.12 0.01 -1.54	8.69 0.02 -2.68	4.95 0.00 -4.61	8.32 0.03 -2.46	19.72 0.11 0.00	24.52 0.08 0.00	25.31 0.12 0.00	22.87 0.11 0.00	19.74 0.06 0.00	18.94 0.07 0.00	22.72 0.16 0.00	20.38 0.21 0.00	19.75 0.20 0.00	21.33 0.31 0.00	23.15 0.45 0.00	31.60 0.54 0.00	32.03 0.52 0.00	29.97 0.48 0.00	26.71 0.39 0.00	24.57 0.36 0.00	24.09 0.29 0.00	23.22 0.32 0.00
NEG___GEN_MONROE 24207	15.10 -0.43 0.00	13.44 -0.35 0.00	9.93 -0.26 -0.61	6.95 -0.11 -1.07	2.16 -0.01 -1.83	6.70 -0.11 -0.98	19.25 -0.36 0.00	24.07 -0.37 0.00	25.00 -0.18 0.00	22.62 -0.13 0.00	19.35 -0.32 0.00	18.58 -0.28 0.00	22.58 0.01 0.00	20.26 0.10 0.00	19.68 0.12 0.00	21.45 0.43 0.00	23.24 0.54 0.00	31.38 0.32 0.00	31.62 0.11 0.00	29.56 0.07 0.00	26.44 0.13 0.00	24.45 0.25 0.00	23.98 0.18 0.00	23.21 0.31 0.00
NEPA___ENERGY 23901	14.86 -0.66 0.00	13.24 -0.54 0.00	10.06 -0.40 -0.87	7.33 -0.19 -1.52	2.94 -0.01 -2.61	7.08 -0.14 -1.40	19.14 -0.47 0.00	23.78 -0.67 0.00	24.77 -0.41 0.00	22.43 -0.33 0.00	19.23 -0.44 0.00	18.51 -0.35 0.00	22.48 -0.09 0.00	20.20 0.04 0.00	19.54 -0.01 0.00	21.22 0.21 0.00	23.06 0.36 0.00	30.94 -0.11 0.00	31.09 -0.42 0.00	29.02 -0.45 0.01	25.93 -0.38 0.00	24.17 -0.04 0.00	23.58 -0.22 0.00	22.90 0.00 0.00
NEVERSINK___HYD 23608	16.14 0.61 0.00	14.32 0.53 0.00	14.43 0.34 -4.50	14.06 0.21 -7.85	13.85 0.01 -13.51	13.25 0.21 -7.21	20.19 0.58 0.00	24.98 0.54 0.00	25.65 0.46 0.00	23.16 0.41 0.00	20.07 0.39 0.00	19.23 0.36 0.00	22.90 0.33 0.00	20.59 0.43 0.00	20.03 0.48 0.00	21.66 0.63 -0.02	23.46 0.74 -0.02	32.23 1.18 0.00	32.92 1.41 0.00	30.93 1.45 0.00	27.50 1.18 0.00	25.22 1.01 0.00	24.77 0.97 0.00	23.66 0.76 0.00
NEWKRMKL_115KV_TB1 55635	15.85 0.33 0.00	14.11 0.32 0.00	16.55 0.22 -6.75	17.90 0.13 -11.77	20.60 0.01 -20.26	16.78 0.14 -10.82	19.90 0.29 0.00	24.57 0.12 0.00	25.11 -0.08 0.00	22.67 -0.08 0.00	19.64 -0.03 0.00	18.84 -0.02 0.00	22.40 -0.16 0.00	20.08 -0.08 0.00	19.53 -0.03 0.00	21.07 0.09 0.03	22.82 0.15 0.03	31.44 0.38 0.00	32.02 0.52 0.00	30.06 0.58 0.00	26.80 0.49 0.00	24.51 0.31 0.00	24.09 0.29 0.00	23.03 0.13 0.00
NEWTON___FALLS_HYD 23847	15.44 -0.09 0.00	13.68 -0.11 0.00	9.61 -0.11 -0.14	6.14 -0.10 -0.24	0.74 -0.01 -0.42	5.94 -0.11 -0.22	19.34 -0.27 0.00	24.25 -0.19 0.00	25.09 -0.10 0.00	22.66 -0.10 0.00	19.70 0.03 0.00	18.83 -0.03 0.00	22.42 -0.15 0.00	20.00 -0.16 0.00	19.29 -0.27 0.00	20.45 -0.57 0.00	22.27 -0.43 0.00	30.88 -0.18 0.00	31.35 -0.16 0.00	29.32 -0.17 0.00	26.16 -0.15 0.00	23.74 -0.47 0.00	22.95 -0.85 0.00	22.14 -0.76 0.00
NGRID_A1_DSASP 323792	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.96 -1.48 0.00	23.97 -1.21 0.00	21.76 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.63 -1.43 0.00	29.73 -1.79 0.00	27.85 -1.63 0.01	24.93 -1.38 0.00	23.20 -1.00 0.00	22.76 -1.04 0.00	22.28 -0.62 0.00
NGRID_A2_DSASP 323793	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.96 -1.48 0.00	23.97 -1.21 0.00	21.76 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.63 -1.43 0.00	29.73 -1.79 0.00	27.85 -1.63 0.01	24.93 -1.38 0.00	23.20 -1.00 0.00	22.76 -1.04 0.00	22.28 -0.62 0.00
NGRID_A4_DSASP 323807	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.97 -1.48 0.00	23.97 -1.21 0.00	21.77 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.62 -1.44 0.00	29.72 -1.79 0.00	27.83 -1.65 0.01	24.94 -1.38 0.00	23.20 -1.01 0.00	22.77 -1.04 0.00	22.28 -0.62 0.00

NIAGARA_115E_LBMP 323715	14.31 -1.22 0.00	12.78 -1.01 0.00	9.60 -0.73 -0.75	6.93 -0.38 -1.32	2.57 -0.02 -2.26	6.67 -0.37 -1.21	18.33 -1.28 0.00	22.87 -1.57 0.00	23.88 -1.30 0.00	21.69 -1.07 0.00	18.47 -1.21 0.00	17.73 -1.13 0.00	21.63 -0.93 0.00	19.43 -0.73 0.00	18.86 -0.70 0.00	20.60 -0.42 0.00	22.23 -0.47 0.00	29.65 -1.41 0.00	29.80 -1.71 0.00	27.93 -1.55 0.01	25.01 -1.31 0.00	23.27 -0.94 0.00	22.82 -0.98 0.00	22.24 -0.66 0.00
NIAGARA_115W_LBMP 323714	14.32 -1.20 0.00	12.79 -0.99 0.00	9.62 -0.71 -0.75	6.93 -0.37 -1.31	2.56 -0.02 -2.25	6.67 -0.36 -1.20	18.36 -1.24 0.00	22.91 -1.53 0.00	23.92 -1.26 0.00	21.72 -1.04 0.00	18.49 -1.18 0.00	17.75 -1.12 0.00	21.65 -0.91 0.00	19.45 -0.71 0.00	18.88 -0.68 0.00	20.61 -0.41 0.00	22.24 -0.46 0.00	29.54 -1.51 0.00	29.64 -1.87 0.00	27.77 -1.71 0.01	24.87 -1.45 0.00	23.14 -1.06 0.00	22.70 -1.10 0.00	22.24 -0.66 0.00
NIAGARA_230_LBMP 323716	14.44 -1.09 0.00	12.89 -0.89 0.00	9.68 -0.64 -0.74	6.97 -0.32 -1.29	2.53 -0.02 -2.23	6.70 -0.31 -1.19	18.51 -1.09 0.00	23.10 -1.34 0.00	24.09 -1.09 0.00	21.87 -0.88 0.00	18.63 -1.04 0.00	17.88 -0.99 0.00	21.79 -0.77 0.00	19.57 -0.59 0.00	18.99 -0.57 0.00	20.73 -0.29 0.00	22.38 -0.32 0.00	29.92 -1.14 0.00	30.07 -1.44 0.00	28.14 -1.34 0.01	25.19 -1.12 0.00	23.44 -0.76 0.00	23.00 -0.80 0.00	22.41 -0.50 0.00
NIAGARA__115KV_198_GIBSON 55903	14.32 -1.20 0.00	12.79 -0.99 0.00	9.62 -0.71 -0.75	6.93 -0.37 -1.31	2.56 -0.02 -2.25	6.67 -0.36 -1.20	18.37 -1.24 0.00	22.92 -1.52 0.00	23.92 -1.26 0.00	21.72 -1.04 0.00	18.49 -1.18 0.00	17.75 -1.11 0.00	21.65 -0.91 0.00	19.45 -0.71 0.00	18.88 -0.68 0.00	20.61 -0.41 0.00	22.24 -0.46 0.00	29.54 -1.52 0.00	29.63 -1.88 0.00	27.75 -1.73 0.01	24.87 -1.45 0.00	23.14 -1.07 0.00	22.70 -1.10 0.00	22.23 -0.67 0.00
NIAGARA____ 23760	14.44 -1.09 0.00	12.89 -0.89 0.00	9.69 -0.64 -0.75	6.98 -0.32 -1.31	2.57 -0.02 -2.26	6.72 -0.31 -1.21	18.51 -1.09 0.00	23.10 -1.34 0.00	24.09 -1.09 0.00	21.87 -0.88 0.00	18.63 -1.04 0.00	17.88 -0.99 0.00	21.79 -0.77 0.00	19.57 -0.59 0.00	18.99 -0.57 0.00	20.73 -0.29 0.00	22.38 -0.32 0.00	29.92 -1.14 0.00	30.07 -1.44 0.00	28.14 -1.34 0.01	25.19 -1.12 0.00	23.44 -0.76 0.00	23.00 -0.80 0.00	22.41 -0.50 0.00
NINE_MILE_1 23575	15.08 -0.45 0.00	13.39 -0.40 0.00	9.62 -0.28 -0.31	6.38 -0.17 -0.54	1.26 -0.01 -0.94	6.17 -0.16 -0.50	19.20 -0.41 0.00	24.11 -0.33 0.00	24.87 -0.32 0.00	22.48 -0.27 0.00	19.41 -0.26 0.00	18.62 -0.24 0.00	22.32 -0.24 0.00	19.94 -0.22 0.00	19.27 -0.28 0.00	20.77 -0.25 0.00	22.46 -0.23 0.00	30.67 -0.38 0.00	31.10 -0.41 0.00	29.10 -0.39 0.00	25.96 -0.36 0.00	23.89 -0.32 0.00	23.56 -0.24 0.00	22.73 -0.17 0.00
NINE_MILE_2 23744	15.08 -0.45 0.00	13.39 -0.40 0.00	9.62 -0.28 -0.31	6.38 -0.17 -0.54	1.26 -0.01 -0.94	6.17 -0.16 -0.50	19.21 -0.40 0.00	24.11 -0.33 0.00	24.87 -0.31 0.00	22.49 -0.27 0.00	19.41 -0.26 0.00	18.62 -0.24 0.00	22.32 -0.23 0.00	19.94 -0.22 0.00	19.28 -0.28 0.00	20.77 -0.25 0.00	22.46 -0.23 0.00	30.68 -0.38 0.00	31.10 -0.41 0.00	29.10 -0.39 0.00	25.96 -0.35 0.00	23.89 -0.31 0.00	23.56 -0.24 0.00	22.74 -0.16 0.00
NM_CAPITAL____DRP 24208	15.89 0.36 0.00	14.13 0.34 0.00	16.55 0.24 -6.73	17.88 0.15 -11.73	20.53 0.01 -20.19	16.76 0.15 -10.78	19.94 0.33 0.00	24.60 0.15 0.00	25.13 -0.05 0.00	22.69 -0.06 0.00	19.66 -0.02 0.00	18.85 -0.01 0.00	22.41 -0.15 0.00	20.09 -0.07 0.00	19.53 -0.02 0.00	21.08 0.10 0.04	22.82 0.15 0.04	31.44 0.39 0.00	32.04 0.53 0.00	30.09 0.60 0.00	26.81 0.50 0.00	24.52 0.32 0.00	24.12 0.31 0.00	23.05 0.15 0.00
NM_CENTRAL____DRP 24181	15.33 -0.19 0.00	13.62 -0.17 0.00	9.90 -0.12 -0.44	6.70 -0.07 -0.77	1.65 0.00 -1.32	6.47 -0.06 -0.71	19.51 -0.10 0.00	24.44 0.00 0.00	25.20 0.02 0.00	22.80 0.04 0.00	19.69 0.02 0.00	18.89 0.02 0.00	22.66 0.10 0.00	20.28 0.11 0.00	19.62 0.06 0.00	21.18 0.16 0.00	22.94 0.24 0.00	31.34 0.28 0.00	31.76 0.24 0.00	29.72 0.23 0.00	26.50 0.19 0.00	24.37 0.16 0.00	24.00 0.19 0.00	23.13 0.23 0.00
NM_FRONTIER____DRP 24179	14.32 -1.20 0.00	12.79 -0.99 0.00	9.62 -0.71 -0.75	6.93 -0.37 -1.31	2.56 -0.02 -2.25	6.67 -0.36 -1.20	18.37 -1.24 0.00	22.92 -1.52 0.00	23.92 -1.26 0.00	21.72 -1.04 0.00	18.49 -1.18 0.00	17.75 -1.11 0.00	21.65 -0.91 0.00	19.45 -0.71 0.00	18.88 -0.68 0.00	20.61 -0.41 0.00	22.24 -0.46 0.00	29.54 -1.52 0.00	29.63 -1.88 0.00	27.75 -1.73 0.01	24.87 -1.45 0.00	23.14 -1.07 0.00	22.70 -1.10 0.00	22.23 -0.67 0.00
NM_ST_REGIS____HYD 24053	15.50 -0.03 0.00	13.75 -0.03 0.00	9.54 -0.04 0.00	5.95 -0.05 0.00	0.33 0.00 0.00	5.77 -0.05 0.00	19.46 -0.15 0.00	24.34 -0.10 0.00	25.27 0.09 0.00	22.81 0.06 0.00	19.79 0.11 0.00	18.96 0.09 0.00	22.74 0.18 0.00	20.13 -0.03 0.00	19.55 -0.01 0.00	20.74 -0.28 0.00	22.30 -0.40 0.00	30.66 -0.39 0.00	31.05 -0.46 0.00	28.84 -0.64 0.00	25.78 -0.53 0.00	23.65 -0.56 0.00	23.08 -0.72 0.00	22.35 -0.55 0.00
NORTHPORT____1 23551	16.85 1.32 0.00	14.96 1.17 0.00	15.56 0.75 -5.23	15.55 0.44 -9.11	16.04 0.03 -15.68	14.66 0.46 -8.37	20.87 1.26 0.00	25.83 1.38 0.00	26.55 1.36 0.00	23.97 1.22 0.00	20.78 1.12 0.00	19.97 1.10 0.00	23.68 1.12 0.00	21.31 1.15 0.00	20.80 1.24 0.00	22.32 1.28 -0.03	23.93 1.20 -0.03	32.87 1.81 0.00	33.69 2.18 0.00	31.67 2.18 0.00	28.07 1.76 0.00	25.64 1.44 0.00	25.27 1.46 0.00	24.39 1.49 0.00
NORTHPORT____2 23552	16.85 1.32 0.00	14.96 1.17 0.00	15.56 0.75 -5.23	15.55 0.44 -9.11	16.04 0.03 -15.68	14.66 0.46 -8.37	20.87 1.26 0.00	25.83 1.38 0.00	26.55 1.36 0.00	23.97 1.22 0.00	20.78 1.12 0.00	19.97 1.10 0.00	23.68 1.12 0.00	21.31 1.15 0.00	20.80 1.24 0.00	22.32 1.28 -0.03	23.93 1.20 -0.03	32.87 1.81 0.00	33.69 2.18 0.00	31.67 2.18 0.00	28.07 1.76 0.00	25.64 1.44 0.00	25.27 1.46 0.00	24.39 1.49 0.00
NORTHPORT____3 23553	16.69 1.17 0.00	14.82 1.03 0.00	15.46 0.65 -5.23	15.49 0.39 -9.11	16.03 0.02 -15.68	14.60 0.40 -8.37	20.67 1.06 0.00	25.59 1.15 0.00	26.30 1.11 0.00	23.77 1.02 0.00	20.62 0.95 0.00	19.84 0.98 0.00	23.51 0.95 0.00	21.16 0.99 0.00	20.63 1.08 0.00	22.11 1.06 -0.03	23.68 0.94 -0.03	32.54 1.48 0.00	33.43 1.93 0.00	31.29 1.80 0.00	27.74 1.43 0.00	25.35 1.14 0.00	25.02 1.21 0.00	24.15 1.25 0.00
NORTHPORT____4 23650	16.69 1.17 0.00	14.82 1.03 0.00	15.46 0.65 -5.23	15.49 0.39 -9.11	16.03 0.02 -15.68	14.60 0.40 -8.37	20.67 1.06 0.00	25.59 1.15 0.00	26.30 1.11 0.00	23.77 1.02 0.00	20.62 0.95 0.00	19.84 0.98 0.00	23.51 0.95 0.00	21.16 0.99 0.00	20.63 1.08 0.00	22.11 1.06 -0.03	23.68 0.94 -0.03	32.54 1.48 0.00	33.43 1.93 0.00	31.29 1.80 0.00	27.74 1.43 0.00	25.35 1.14 0.00	25.02 1.21 0.00	24.15 1.25 0.00

NORTHPORT___IC 23718	16.85 1.32 0.00	14.96 1.17 0.00	15.56 0.75 -5.23	15.55 0.44 -9.11	16.04 0.03 -15.68	14.66 0.46 -8.37	20.87 1.26 0.00	25.83 1.38 0.00	26.55 1.36 0.00	23.97 1.22 0.00	20.78 1.12 0.00	19.97 1.10 0.00	23.68 1.12 0.00	21.31 1.15 0.00	20.80 1.24 0.00	22.32 1.28 -0.03	23.93 1.20 -0.03	32.87 1.81 0.00	33.69 2.18 0.00	31.67 2.18 0.00	28.07 1.76 0.00	25.64 1.44 0.00	25.27 1.46 0.00	24.39 1.49 0.00
NORTH___COUNTRY_ESR 323785	15.55 0.03 0.00	13.79 0.00 0.00	9.57 -0.01 0.00	5.94 -0.06 0.00	0.33 0.00 0.00	5.74 -0.09 0.00	19.30 -0.31 0.00	24.06 -0.38 0.00	25.10 -0.08 0.00	22.72 -0.04 0.00	19.62 -0.06 0.00	18.76 -0.10 0.00	22.66 0.09 0.00	20.05 -0.11 0.00	19.57 0.02 0.00	20.77 -0.25 0.00	22.10 -0.60 0.00	30.45 -0.61 0.00	30.78 -0.73 0.00	28.23 -1.26 0.00	25.23 -1.08 0.00	23.14 -1.07 0.00	22.67 -1.13 0.00	21.92 -0.98 0.00
NPX_GEN_1385_PROXY 323591	16.65 1.13 0.00	14.86 1.07 0.00	15.49 0.68 -5.23	15.51 0.40 -9.11	16.04 0.03 -15.68	14.65 0.45 -8.37	20.75 1.14 0.00	25.71 1.27 0.00	26.33 1.14 0.00	23.52 0.76 0.00	20.49 0.82 0.00	19.44 0.57 0.00	23.05 0.49 0.00	18.18 0.55 2.54	16.98 0.67 3.25	21.82 0.77 -0.03	23.40 0.67 -0.03	32.13 1.08 0.00	32.78 1.27 0.00	31.20 1.71 0.00	27.46 1.15 0.00	25.07 0.87 0.00	24.74 0.94 0.00	24.05 0.97 -0.18
NPX_GEN_CSC 323557	17.13 1.60 0.00	15.19 1.40 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.74 0.55 -8.37	21.14 1.53 0.00	26.15 1.71 0.00	26.91 1.73 0.00	24.34 1.58 0.00	21.07 1.40 0.00	20.27 1.41 0.00	24.05 1.49 0.00	21.66 1.50 0.00	21.19 1.63 0.00	22.80 1.76 -0.03	24.52 1.79 -0.03	33.73 2.68 0.00	34.53 3.02 0.00	32.45 2.96 0.00	28.81 2.50 0.00	26.27 2.07 0.00	25.82 2.02 0.00	25.10 2.02 -0.18
NSINS_S_GLNS_FALLS 23858	16.41 0.89 0.00	14.59 0.80 0.00	17.14 0.59 -6.97	18.51 0.37 -12.14	21.25 0.02 -20.90	17.37 0.38 -11.16	20.82 1.22 0.00	25.75 1.31 0.00	26.35 1.17 0.00	23.73 0.98 0.00	20.40 0.73 0.00	19.59 0.73 0.00	23.36 0.80 0.00	20.81 0.65 0.00	20.25 0.69 0.00	21.90 0.91 0.04	23.93 1.27 0.04	33.10 2.05 0.00	34.04 2.52 0.00	31.94 2.46 0.00	28.47 2.15 0.00	26.06 1.85 0.00	25.55 1.75 0.00	24.38 1.47 0.00
NUCOR_STEEL___DRP 24197	15.56 0.03 0.00	13.76 -0.03 0.00	10.19 0.01 -0.60	7.07 0.02 -1.05	2.14 0.00 -1.81	6.80 0.01 -0.96	19.81 0.19 0.00	24.77 0.33 0.00	25.58 0.40 0.00	23.14 0.38 0.00	19.91 0.23 0.00	19.11 0.24 0.00	22.94 0.38 0.00	20.57 0.40 0.00	19.87 0.31 0.00	21.49 0.47 0.00	23.38 0.68 0.00	31.77 0.72 0.00	32.35 0.85 0.00	30.28 0.79 0.00	26.95 0.63 0.00	24.78 0.57 0.00	24.37 0.57 0.00	23.42 0.52 0.00
NUMBER_THREE_WT_PWR 323818	15.52 0.00 0.00	13.71 -0.08 0.00	9.66 -0.11 -0.19	6.22 -0.12 -0.33	0.89 -0.01 -0.57	5.97 -0.16 -0.31	19.26 -0.35 0.00	24.17 -0.27 0.00	25.03 -0.15 0.00	22.68 -0.08 0.00	19.75 0.08 0.00	18.84 -0.03 0.00	22.31 -0.25 0.00	20.07 -0.09 0.00	19.30 -0.26 0.00	20.43 -0.59 0.00	22.46 -0.24 0.00	31.37 0.31 0.00	31.88 0.37 0.00	29.93 0.44 0.00	26.63 0.32 0.00	23.88 -0.32 0.00	22.82 -0.98 0.00	21.92 -0.98 0.00
NYISO_LBMP_REFERENCE 24008	15.53 0.00 0.00	13.79 0.00 0.00	9.58 0.00 0.00	6.00 0.00 0.00	0.33 0.00 0.00	5.83 0.00 0.00	19.61 0.00 0.00	24.44 0.00 0.00	25.19 0.00 0.00	22.76 0.00 0.00	19.67 0.00 0.00	18.87 0.00 0.00	22.56 0.00 0.00	20.16 0.00 0.00	19.55 0.00 0.00	21.02 0.00 0.00	22.70 0.00 0.00	31.06 0.00 0.00	31.51 0.00 0.00	29.49 0.00 0.00	26.31 0.00 0.00	24.21 0.00 0.00	23.80 0.00 0.00	22.90 0.00 0.00
NYPA_BRENTWD____GT 24164	17.01 1.49 0.00	15.09 1.30 0.00	15.64 0.84 -5.23	15.60 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.03 1.42 0.00	26.04 1.59 0.00	26.78 1.59 0.00	24.19 1.44 0.00	20.96 1.29 0.00	20.17 1.30 0.00	23.92 1.36 0.00	21.55 1.39 0.00	21.05 1.50 0.00	22.47 1.43 -0.03	24.15 1.41 -0.03	33.19 2.13 0.00	33.98 2.47 0.00	31.97 2.48 0.00	28.52 2.20 0.00	26.04 1.84 0.00	25.62 1.82 0.00	24.70 1.81 0.00
NYPA_GOWANUS____GT5 24156	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.09 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NYPA_GOWANUS____GT6 24157	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.34 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.56 0.89 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.46 1.01 -1103.89	30.10 1.09 -7.99	23.88 1.14 -0.04	32.72 1.66 -0.01	33.44 1.75 -0.18	32.19 1.76 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.98 1.08 0.00
NYPA_HARLEM__RVR_GT1 24160	16.41 0.88 0.00	14.59 0.81 0.00	15.31 0.50 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.36 0.75 0.00	25.23 0.78 0.00	25.90 0.72 0.00	23.54 0.78 0.00	20.44 0.76 0.00	19.64 0.77 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.45 0.90 0.00	22.07 1.02 -0.03	23.73 0.99 -0.03	32.50 1.44 0.00	33.04 1.52 0.00	31.08 1.60 0.00	27.69 1.38 0.00	25.34 1.13 0.00	24.92 1.11 0.00	23.87 0.96 0.00
NYPA_HARLEM__RVR_GT2 24161	16.41 0.88 0.00	14.59 0.81 0.00	15.31 0.50 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.36 0.75 0.00	25.23 0.78 0.00	25.90 0.72 0.00	23.54 0.78 0.00	20.44 0.76 0.00	19.64 0.77 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.45 0.90 0.00	22.07 1.02 -0.03	23.73 0.99 -0.03	32.50 1.44 0.00	33.04 1.52 0.00	31.08 1.60 0.00	27.69 1.38 0.00	25.34 1.13 0.00	24.92 1.11 0.00	23.87 0.96 0.00
NYPA_KENT____GT 24152	16.48 0.95 0.00	14.65 0.86 0.00	15.35 0.54 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.53 0.33 -8.37	20.47 0.86 0.00	25.36 0.92 0.00	26.06 0.88 0.00	23.66 0.90 0.00	20.54 0.87 0.00	19.75 0.88 0.00	23.43 0.87 0.00	21.10 0.93 0.00	686.62 0.99 -666.07	26.95 1.10 -4.83	23.86 1.12 -0.03	32.68 1.62 0.00	33.33 1.72 -0.10	31.79 1.74 -0.56	67.60 1.51 -39.78	25.47 1.26 0.00	25.03 1.23 0.00	23.96 1.06 0.00
NYPA_POUCH1____GT 24155	13.06 0.90 3.37	-16.24 0.81 30.84	10.00 0.51 0.09	0.99 0.31 5.31	16.02 0.02 -15.68	14.51 0.31 -8.37	19.92 0.80 0.49	-18.65 0.89 43.99	-114.37 0.83 140.39	-48.52 0.86 72.13	-19.68 0.81 40.16	18.11 0.82 1.58	23.37 0.80 -0.01	21.04 0.87 -0.01	1104.17 0.93 -1083.69	-27.05 1.04 49.11	23.81 1.07 -0.04	32.50 1.53 0.09	33.19 1.63 -0.05	31.52 1.64 -0.39	84.96 1.43 -57.22	25.25 1.19 0.14	24.91 1.16 0.04	23.91 1.01 0.00

NYPA_VERNON____GT2 24162	16.46 0.93 0.00	14.63 0.84 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.52 0.33 -8.37	20.44 0.83 0.00	25.32 0.88 0.00	26.02 0.83 0.00	23.62 0.87 0.00	20.51 0.83 0.00	19.72 0.85 0.00	23.40 0.83 0.00	21.06 0.90 0.00	248.78 0.97 -228.25	23.79 1.10 -1.68	23.84 1.10 -0.03	32.64 1.58 0.00	33.22 1.68 -0.04	31.39 1.70 -0.19	41.42 1.48 -13.63	25.44 1.24 0.00	25.00 1.20 0.00	23.94 1.04 0.00
NYPA_VERNON____GT3 24163	16.46 0.93 0.00	14.63 0.84 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.52 0.33 -8.37	20.44 0.83 0.00	25.32 0.88 0.00	26.02 0.83 0.00	23.62 0.87 0.00	20.51 0.83 0.00	19.72 0.85 0.00	23.40 0.83 0.00	21.06 0.90 0.00	248.78 0.97 -228.25	23.79 1.10 -1.68	23.84 1.10 -0.03	32.64 1.58 0.00	33.22 1.68 -0.04	31.39 1.70 -0.19	41.42 1.48 -13.63	25.44 1.24 0.00	25.00 1.20 0.00	23.94 1.04 0.00
NYPA____ASTORIA_CC1 323568	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.80 0.00	25.27 0.83 0.00	25.96 0.77 0.00	23.57 0.81 0.00	20.47 0.80 0.00	19.68 0.81 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.49 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.57 1.52 0.00	33.13 1.62 0.00	31.14 1.65 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
NYPA____ASTORIA_CC2 323569	16.43 0.91 0.00	14.61 0.83 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.31 -8.37	20.40 0.80 0.00	25.27 0.83 0.00	25.96 0.77 0.00	23.57 0.81 0.00	20.47 0.80 0.00	19.68 0.81 0.00	23.34 0.78 0.00	21.02 0.86 0.00	20.49 0.93 0.00	22.10 1.06 -0.03	23.79 1.06 -0.03	32.57 1.52 0.00	33.13 1.62 0.00	31.14 1.65 0.00	27.74 1.42 0.00	25.39 1.18 0.00	24.95 1.15 0.00	23.90 1.00 0.00
NYPA____HOLTSVILL 23794	16.97 1.44 0.00	15.06 1.27 0.00	15.62 0.81 -5.23	15.59 0.48 -9.11	16.04 0.03 -15.68	14.69 0.50 -8.37	20.98 1.37 0.00	25.94 1.50 0.00	26.69 1.51 0.00	24.12 1.36 0.00	20.89 1.22 0.00	20.09 1.23 0.00	23.82 1.26 0.00	21.44 1.28 0.00	20.96 1.40 0.00	22.52 1.47 -0.03	24.19 1.46 -0.03	33.24 2.18 0.00	34.03 2.52 0.00	32.00 2.51 0.00	28.41 2.10 0.00	25.93 1.73 0.00	25.53 1.72 0.00	24.64 1.74 0.00
NYPA____HELLGATE_GT1 24158	16.41 0.88 0.00	14.59 0.81 0.00	15.31 0.50 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.36 0.75 0.00	25.23 0.78 0.00	25.90 0.72 0.00	23.54 0.78 0.00	20.44 0.76 0.00	19.64 0.77 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.45 0.90 0.00	22.07 1.02 -0.03	23.73 0.99 -0.03	32.50 1.45 0.00	33.06 1.55 0.00	31.08 1.59 0.00	27.69 1.38 0.00	25.34 1.13 0.00	24.92 1.11 0.00	23.87 0.96 0.00
NYPA____HELLGATE_GT2 24159	16.41 0.88 0.00	14.59 0.81 0.00	15.31 0.50 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.36 0.75 0.00	25.23 0.78 0.00	25.90 0.72 0.00	23.54 0.78 0.00	20.44 0.76 0.00	19.64 0.77 0.00	23.23 0.67 0.00	20.97 0.81 0.00	20.45 0.90 0.00	22.07 1.02 -0.03	23.73 0.99 -0.03	32.50 1.45 0.00	33.06 1.55 0.00	31.08 1.59 0.00	27.69 1.38 0.00	25.34 1.13 0.00	24.92 1.11 0.00	23.87 0.96 0.00
NYS_BARGE____HYD 23848	14.55 -0.97 0.00	12.99 -0.79 0.00	9.73 -0.58 -0.73	6.99 -0.29 -1.28	2.51 -0.02 -2.20	6.72 -0.28 -1.18	18.64 -0.97 0.00	23.25 -1.19 0.00	24.27 -0.91 0.00	22.03 -0.73 0.00	18.77 -0.90 0.00	18.04 -0.82 0.00	22.00 -0.57 0.00	19.76 -0.40 0.00	19.18 -0.38 0.00	20.96 -0.06 0.00	22.66 -0.04 0.00	30.25 -0.81 0.00	30.40 -1.12 0.00	28.46 -1.02 0.01	25.48 -0.83 0.00	23.71 -0.50 0.00	23.23 -0.57 0.00	22.62 -0.28 0.00
OAK ORCHARD____HYD 24046	15.05 -0.48 0.00	13.39 -0.40 0.00	9.90 -0.29 -0.61	6.92 -0.14 -1.06	2.13 -0.01 -1.82	6.66 -0.13 -0.97	19.18 -0.43 0.00	23.99 -0.45 0.00	24.90 -0.28 0.00	22.56 -0.20 0.00	19.33 -0.34 0.00	18.56 -0.30 0.00	22.52 -0.04 0.00	20.20 0.04 0.00	19.62 0.06 0.00	21.34 0.32 0.00	23.10 0.40 0.00	31.20 0.14 0.00	31.45 -0.06 0.00	29.41 -0.07 0.00	26.28 -0.03 0.00	24.31 0.10 0.00	23.86 0.06 0.00	23.08 0.18 0.00
OAKDALE__35_KV_LOAD 356122	15.48 -0.05 0.00	13.76 -0.03 0.00	11.09 -0.02 -1.52	8.65 0.00 -2.66	4.90 0.00 -4.57	8.28 0.02 -2.44	19.67 0.06 0.00	24.46 0.02 0.00	25.23 0.05 0.00	22.81 0.05 0.00	19.68 0.01 0.00	18.89 0.03 0.00	22.66 0.10 0.00	20.31 0.15 0.00	19.69 0.14 0.00	21.26 0.25 0.00	23.06 0.36 0.00	31.46 0.40 0.00	31.90 0.39 0.00	29.85 0.36 0.00	26.61 0.30 0.00	24.48 0.27 0.00	24.01 0.20 0.00	23.14 0.24 0.00
OCC_CHEM____DRP 24175	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.97 -1.48 0.00	23.97 -1.21 0.00	21.77 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.62 -1.44 0.00	29.72 -1.79 0.00	27.83 -1.65 0.01	24.94 -1.38 0.00	23.20 -1.01 0.00	22.77 -1.04 0.00	22.28 -0.62 0.00
OH_GEN_PROXY 24063	14.48 -1.05 0.00	12.93 -0.86 0.00	9.71 -0.61 -0.74	6.99 -0.31 -1.30	2.54 -0.02 -2.23	6.72 -0.30 -1.19	18.56 -1.05 0.00	23.17 -1.28 0.00	24.15 -1.03 0.00	21.92 -0.84 0.00	18.68 -1.00 0.00	17.92 -0.95 0.00	21.83 -0.73 0.00	19.61 -0.55 0.00	19.02 -0.53 0.00	20.75 -0.26 0.00	22.42 -0.28 0.00	30.00 -1.06 0.00	30.16 -1.35 0.00	28.22 -1.26 0.01	25.26 -1.05 0.00	23.50 -0.71 0.00	23.04 -0.76 0.00	22.62 -0.46 -0.18
OLIN_CORP_DRP 24177	14.34 -1.19 0.00	12.80 -0.99 0.00	9.63 -0.71 -0.76	6.95 -0.37 -1.32	2.59 -0.02 -2.28	6.69 -0.35 -1.22	18.37 -1.24 0.00	22.93 -1.51 0.00	23.94 -1.25 0.00	21.73 -1.03 0.00	18.51 -1.17 0.00	17.77 -1.10 0.00	21.67 -0.89 0.00	19.47 -0.69 0.00	18.89 -0.66 0.00	20.64 -0.38 0.00	22.28 -0.43 0.00	29.71 -1.35 0.00	29.87 -1.65 0.00	27.97 -1.51 0.01	25.06 -1.25 0.00	23.31 -0.89 0.00	22.87 -0.93 0.00	22.27 -0.63 0.00
OLIN_CORP_DSASP 323712	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.96 -1.48 0.00	23.97 -1.21 0.00	21.76 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.63 -1.43 0.00	29.73 -1.79 0.00	27.85 -1.63 0.01	24.93 -1.38 0.00	23.20 -1.00 0.00	22.76 -1.04 0.00	22.28 -0.62 0.00
ONEIDA_HERK_LFGE 323681	15.70 0.17 0.00	13.90 0.12 0.00	9.81 0.05 -0.17	6.32 0.02 -0.31	0.85 0.00 -0.53	6.10 0.00 -0.28	19.68 0.07 0.00	24.61 0.17 0.00	25.39 0.21 0.00	22.97 0.21 0.00	19.92 0.25 0.00	19.05 0.18 0.00	22.69 0.13 0.00	20.35 0.19 0.00	19.69 0.14 0.00	21.07 0.05 0.00	22.97 0.27 0.00	31.75 0.70 0.00	32.28 0.76 0.00	30.24 0.75 0.00	26.94 0.63 0.00	24.49 0.29 0.00	23.77 -0.03 0.00	22.82 -0.08 0.00

ONEIDA___115KV_TB4 55905	15.76 0.24 0.00	13.99 0.20 0.00	10.00 0.12 -0.30	6.60 0.08 -0.52	1.24 0.00 -0.91	6.38 0.07 -0.49	19.89 0.28 0.00	24.84 0.39 0.00	25.56 0.38 0.00	23.11 0.35 0.00	20.01 0.34 0.00	19.17 0.30 0.00	22.93 0.37 0.00	20.53 0.37 0.00	19.93 0.38 0.00	21.49 0.47 0.00	23.33 0.63 0.00	32.07 1.01 0.00	32.59 1.08 0.00	30.49 1.00 0.00	27.17 0.86 0.00	24.87 0.67 0.00	24.35 0.54 0.00	23.39 0.48 0.00
ONONDAGA_REF_OCCRA 23987	15.42 -0.10 0.00	13.70 -0.09 0.00	10.05 -0.07 -0.54	6.90 -0.03 -0.94	1.94 0.00 -1.62	6.66 -0.03 -0.86	19.61 0.00 0.00	24.55 0.11 0.00	25.32 0.13 0.00	22.89 0.13 0.00	19.78 0.10 0.00	18.97 0.10 0.00	22.74 0.18 0.00	20.36 0.20 0.00	19.70 0.15 0.00	21.28 0.26 0.00	23.07 0.36 0.00	31.53 0.47 0.00	31.96 0.45 0.00	29.89 0.41 0.00	26.67 0.35 0.00	24.51 0.31 0.00	24.12 0.32 0.00	23.24 0.34 0.00
ONONDAGA___COGEN 23986	15.43 -0.10 0.00	13.69 -0.09 0.00	10.01 -0.07 -0.50	6.83 -0.03 -0.86	1.81 0.00 -1.49	6.60 -0.03 -0.79	19.63 0.02 0.00	24.60 0.16 0.00	25.37 0.19 0.00	22.94 0.19 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.80 0.24 0.00	20.41 0.25 0.00	19.74 0.18 0.00	21.31 0.30 0.00	23.11 0.41 0.00	31.55 0.49 0.00	31.98 0.47 0.00	29.92 0.43 0.00	26.67 0.36 0.00	24.53 0.32 0.00	24.14 0.34 0.00	23.26 0.36 0.00
ONTARIO___LFGE 23819	15.31 -0.21 0.00	13.60 -0.18 0.00	10.15 -0.14 -0.71	7.18 -0.05 -1.23	2.45 0.00 -2.13	6.92 -0.04 -1.13	19.53 -0.08 0.00	24.39 -0.05 0.00	25.23 0.05 0.00	22.82 0.07 0.00	19.60 -0.07 0.00	18.82 -0.05 0.00	22.70 0.13 0.00	20.37 0.21 0.00	19.73 0.17 0.00	21.42 0.40 0.00	23.32 0.62 0.00	31.66 0.60 0.00	32.08 0.57 0.00	30.04 0.55 -0.01	26.72 0.41 0.00	24.64 0.44 0.00	24.12 0.32 0.00	23.27 0.37 0.00
ORANGEVILLE_WT_PWR 323706	14.57 -0.96 0.00	12.99 -0.80 0.00	9.91 -0.57 -0.90	7.27 -0.30 -1.57	3.01 -0.02 -2.70	6.99 -0.28 -1.44	18.66 -0.95 0.00	23.34 -1.10 0.00	24.37 -0.81 0.00	22.17 -0.59 0.00	19.01 -0.66 0.00	18.24 -0.63 0.00	22.20 -0.36 0.00	19.91 -0.25 0.00	19.19 -0.36 0.00	20.92 -0.10 0.00	22.74 0.04 0.00	30.57 -0.48 0.00	30.74 -0.77 0.00	28.50 -0.95 0.04	25.49 -0.82 0.00	23.73 -0.48 0.00	23.19 -0.61 0.00	22.47 -0.43 0.00
ORANGEVILLE___ESR 323794	14.57 -0.96 0.00	12.99 -0.80 0.00	9.91 -0.57 -0.90	7.27 -0.30 -1.57	3.01 -0.02 -2.70	6.99 -0.28 -1.44	18.66 -0.95 0.00	23.34 -1.10 0.00	24.37 -0.81 0.00	22.17 -0.59 0.00	19.01 -0.66 0.00	18.24 -0.63 0.00	22.20 -0.36 0.00	19.91 -0.25 0.00	19.19 -0.36 0.00	20.92 -0.10 0.00	22.74 0.04 0.00	30.57 -0.48 0.00	30.74 -0.77 0.00	28.50 -0.95 0.04	25.49 -0.82 0.00	23.73 -0.48 0.00	23.19 -0.61 0.00	22.47 -0.43 0.00
OSWEGATCHIE___HYD 24044	15.44 -0.09 0.00	13.68 -0.11 0.00	9.61 -0.11 -0.14	6.14 -0.10 -0.24	0.74 -0.01 -0.42	5.94 -0.11 -0.22	19.34 -0.27 0.00	24.25 -0.19 0.00	25.09 -0.09 0.00	22.66 -0.10 0.00	19.70 0.03 0.00	18.83 -0.03 0.00	22.42 -0.15 0.00	20.00 -0.16 0.00	19.29 -0.27 0.00	20.45 -0.57 0.00	22.28 -0.42 0.00	30.88 -0.18 0.00	31.35 -0.16 0.00	29.32 -0.16 0.00	26.16 -0.15 0.00	23.74 -0.47 0.00	22.95 -0.85 0.00	22.14 -0.76 0.00
OSWEGO___5 23606	15.18 -0.35 0.00	13.48 -0.31 0.00	9.72 -0.22 -0.36	6.49 -0.13 -0.62	1.40 -0.01 -1.08	6.28 -0.12 -0.57	19.30 -0.30 0.00	24.21 -0.23 0.00	24.97 -0.21 0.00	22.58 -0.17 0.00	19.49 -0.18 0.00	18.70 -0.17 0.00	22.42 -0.14 0.00	20.04 -0.13 0.00	19.38 -0.18 0.00	20.89 -0.13 0.00	22.60 -0.10 0.00	30.86 -0.20 0.00	31.29 -0.22 0.00	29.28 -0.21 0.00	26.12 -0.20 0.00	24.02 -0.18 0.00	23.67 -0.13 0.00	22.84 -0.06 0.00
OSWEGO___6 23613	15.18 -0.35 0.00	13.48 -0.31 0.00	9.72 -0.22 -0.36	6.49 -0.13 -0.62	1.40 -0.01 -1.08	6.28 -0.12 -0.57	19.30 -0.30 0.00	24.21 -0.23 0.00	24.97 -0.21 0.00	22.58 -0.17 0.00	19.49 -0.18 0.00	18.70 -0.17 0.00	22.42 -0.14 0.00	20.04 -0.13 0.00	19.38 -0.18 0.00	20.89 -0.13 0.00	22.60 -0.10 0.00	30.86 -0.20 0.00	31.29 -0.22 0.00	29.28 -0.21 0.00	26.12 -0.20 0.00	24.02 -0.18 0.00	23.67 -0.13 0.00	22.84 -0.06 0.00
OUTOKUMPU-AB___DRP 24206	14.71 -0.82 0.00	13.12 -0.67 0.00	9.85 -0.49 -0.77	7.10 -0.24 -1.34	2.61 -0.02 -2.30	6.83 -0.23 -1.23	18.83 -0.78 0.00	23.49 -0.95 0.00	24.54 -0.65 0.00	22.29 -0.47 0.00	19.00 -0.67 0.00	18.26 -0.60 0.00	22.28 -0.28 0.00	20.01 -0.15 0.00	19.42 -0.13 0.00	21.21 0.19 0.00	22.91 0.21 0.00	30.56 -0.50 0.00	30.69 -0.82 0.00	28.70 -0.78 0.01	25.72 -0.59 0.00	23.92 -0.28 0.00	23.44 -0.36 0.00	22.81 -0.09 0.00
OXBOW___ 24026	14.57 -0.95 0.00	13.01 -0.78 0.00	9.77 -0.57 -0.76	7.04 -0.28 -1.32	2.59 -0.02 -2.28	6.77 -0.27 -1.22	18.66 -0.95 0.00	23.28 -1.16 0.00	24.32 -0.87 0.00	22.09 -0.67 0.00	18.82 -0.85 0.00	18.08 -0.78 0.00	22.06 -0.50 0.00	19.82 -0.34 0.00	19.24 -0.32 0.00	21.01 -0.01 0.00	22.68 -0.02 0.00	30.19 -0.87 0.00	30.31 -1.20 0.00	28.38 -1.10 0.01	25.41 -0.90 0.00	23.63 -0.57 0.00	23.17 -0.63 0.00	22.62 -0.28 0.00
OXY_CHEM_DSASP 323612	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.97 -1.48 0.00	23.97 -1.21 0.00	21.77 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.62 -1.44 0.00	29.72 -1.79 0.00	27.83 -1.65 0.01	24.94 -1.38 0.00	23.20 -1.01 0.00	22.77 -1.04 0.00	22.28 -0.62 0.00
OZONE_PARK_ESR 323760	16.58 1.05 0.00	14.73 0.94 0.00	15.41 0.60 -5.23	15.47 0.37 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.61 1.00 0.00	25.50 1.06 0.00	26.20 1.01 0.00	23.79 1.04 0.00	20.65 0.98 0.00	19.86 1.00 0.00	23.59 1.03 0.00	21.23 1.06 0.00	20.70 1.15 0.00	22.36 1.31 -0.03	24.04 1.31 -0.03	32.94 1.88 0.00	33.49 1.98 0.00	31.48 1.99 0.00	28.03 1.72 0.00	25.68 1.48 0.00	25.24 1.43 0.00	24.15 1.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.97 -1.48 0.00	23.97 -1.21 0.00	21.77 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.62 -1.44 0.00	29.72 -1.79 0.00	27.83 -1.65 0.01	24.94 -1.38 0.00	23.20 -1.01 0.00	22.77 -1.04 0.00	22.28 -0.62 0.00
PACKARD___115KV_DUPONT_184 80571	14.35 -1.17 0.00	12.82 -0.97 0.00	9.64 -0.69 -0.75	6.95 -0.36 -1.31	2.56 -0.02 -2.26	6.68 -0.35 -1.21	18.40 -1.20 0.00	22.97 -1.48 0.00	23.97 -1.21 0.00	21.77 -0.99 0.00	18.53 -1.14 0.00	17.79 -1.08 0.00	21.70 -0.86 0.00	19.50 -0.66 0.00	18.92 -0.63 0.00	20.66 -0.36 0.00	22.29 -0.41 0.00	29.62 -1.44 0.00	29.72 -1.79 0.00	27.83 -1.65 0.01	24.94 -1.38 0.00	23.20 -1.01 0.00	22.77 -1.04 0.00	22.28 -0.62 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.41 0.88 0.00	14.59 0.80 0.00	15.31 0.50 -5.23	15.41 0.30 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.38 0.77 0.00	25.26 0.81 0.00	25.94 0.76 0.00	23.55 0.79 0.00	20.43 0.76 0.00	19.61 0.75 0.00	23.24 0.68 0.00	20.96 0.80 0.00	20.43 0.88 0.00	22.06 1.01 -0.03	23.73 1.00 -0.03	32.52 1.46 0.00	33.08 1.57 0.00	31.10 1.62 0.00	27.70 1.39 0.00	25.34 1.13 0.00	24.91 1.11 0.00	23.87 0.97 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.53 1.00 0.00	14.69 0.91 0.00	15.38 0.57 -5.23	15.46 0.35 -9.11	16.03 0.02 -15.68	14.53 0.34 -8.37	20.46 0.85 0.00	25.35 0.90 0.00	26.02 0.83 0.00	23.61 0.86 0.00	20.47 0.79 0.00	19.67 0.80 0.00	23.30 0.74 0.00	21.03 0.87 0.00	20.50 0.95 0.00	22.15 1.10 -0.03	23.83 1.09 -0.03	32.64 1.59 0.00	33.21 1.70 0.00	31.20 1.71 0.00	27.80 1.49 0.00	25.44 1.23 0.00	25.02 1.22 0.00	23.99 1.10 0.00
PATROON__115KV_TB1 80586	15.90 0.37 0.00	14.14 0.36 0.00	16.61 0.25 -6.78	17.97 0.15 -11.81	20.67 0.01 -20.33	16.84 0.16 -10.86	19.96 0.35 0.00	24.63 0.19 0.00	25.19 0.00 0.00	22.74 -0.02 0.00	19.70 0.02 0.00	18.90 0.03 0.00	22.47 -0.09 0.00	20.14 -0.02 0.00	19.59 0.04 0.00	21.15 0.16 0.04	22.91 0.24 0.04	31.55 0.49 0.00	32.14 0.63 0.00	30.17 0.69 0.00	26.89 0.58 0.00	24.60 0.39 0.00	24.18 0.37 0.00	23.11 0.21 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.87 -0.65 0.00	13.27 -0.52 0.00	10.01 -0.41 -0.84	7.26 -0.19 -1.46	2.82 -0.01 -2.51	7.00 -0.17 -1.34	19.05 -0.56 0.00	23.77 -0.67 0.00	24.78 -0.41 0.00	22.49 -0.27 0.00	19.21 -0.46 0.00	18.45 -0.42 0.00	22.47 -0.09 0.00	20.19 0.02 0.00	19.57 0.02 0.00	21.32 0.30 0.00	23.07 0.37 0.00	30.93 -0.12 0.00	31.13 -0.38 0.00	29.06 -0.41 0.01	26.01 -0.30 0.00	24.19 -0.02 0.00	23.68 -0.12 0.00	23.00 0.10 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.44 0.92 0.00	14.61 0.82 0.00	15.42 0.54 -5.30	15.57 0.33 -9.24	16.26 0.02 -15.91	14.65 0.33 -8.49	20.51 0.90 0.00	25.38 0.94 0.00	26.04 0.86 0.00	23.60 0.84 0.00	20.46 0.79 0.00	19.67 0.81 0.00	23.38 0.82 0.00	21.03 0.87 0.00	20.50 0.95 0.00	22.16 1.11 -0.03	23.92 1.19 -0.03	32.80 1.75 0.00	33.36 1.86 0.00	31.32 1.83 0.00	27.88 1.57 0.00	25.52 1.32 0.00	25.06 1.26 0.00	23.98 1.08 0.00
PEEKSKILL____ 23653	16.31 0.78 0.00	14.49 0.70 0.00	15.19 0.45 -5.16	15.26 0.27 -8.99	15.81 0.02 -15.46	14.37 0.28 -8.26	20.33 0.72 0.00	25.17 0.73 0.00	25.84 0.65 0.00	23.41 0.65 0.00	20.29 0.62 0.00	19.51 0.64 0.00	23.17 0.61 0.00	20.84 0.68 0.00	20.33 0.77 0.00	21.95 0.90 -0.03	23.66 0.93 -0.03	32.43 1.37 0.00	33.00 1.49 0.00	30.97 1.48 0.00	27.57 1.25 0.00	25.24 1.04 0.00	24.80 1.00 0.00	23.75 0.85 0.00
PGE MADISON__WINDPWR 24146	16.41 0.88 0.00	14.48 0.70 0.00	11.45 0.44 -1.43	8.79 0.29 -2.50	4.65 0.02 -4.30	8.43 0.31 -2.30	20.63 1.02 0.00	25.64 1.20 0.00	26.42 1.24 0.00	23.83 1.07 0.00	20.68 1.01 0.00	19.85 0.99 0.00	23.71 1.15 0.00	21.23 1.06 0.00	20.63 1.07 0.00	22.31 1.29 0.00	24.33 1.63 0.00	33.53 2.48 0.00	34.21 2.69 0.00	31.98 2.49 0.00	28.26 1.95 0.00	26.01 1.81 0.00	25.50 1.71 0.00	24.45 1.55 0.00
PIERCEFIELD__HYD 23852	15.43 -0.10 0.00	13.70 -0.08 0.00	9.50 -0.08 0.00	5.93 -0.07 0.00	0.33 0.00 0.00	5.77 -0.06 0.00	19.43 -0.18 0.00	24.33 -0.12 0.00	25.21 0.03 0.00	22.75 0.00 0.00	19.76 0.08 0.00	18.93 0.06 0.00	22.67 0.11 0.00	20.06 -0.10 0.00	19.46 -0.09 0.00	20.65 -0.37 0.00	22.26 -0.44 0.00	30.58 -0.47 0.00	30.98 -0.53 0.00	28.86 -0.63 0.00	25.80 -0.52 0.00	23.66 -0.54 0.00	23.08 -0.73 0.00	22.37 -0.53 0.00
PINELAWN_CC_1 323563	16.86 1.33 0.00	14.95 1.16 0.00	15.55 0.75 -5.23	15.54 0.44 -9.11	16.04 0.03 -15.68	14.65 0.45 -8.37	20.85 1.24 0.00	25.81 1.37 0.00	26.53 1.34 0.00	23.98 1.22 0.00	20.78 1.11 0.00	20.00 1.13 0.00	23.71 1.15 0.00	21.35 1.18 0.00	20.86 1.30 0.00	22.39 1.34 -0.03	24.06 1.33 -0.03	33.10 2.05 0.00	33.87 2.36 0.00	31.79 2.30 0.00	28.27 1.96 0.00	25.83 1.63 0.00	25.41 1.62 0.00	24.49 1.59 0.00
PJM_GEN_HTP_PROXY 323702	16.42 0.90 0.00	14.59 0.80 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.42 0.81 0.00	25.26 0.82 0.00	25.94 0.76 0.00	23.56 0.81 0.00	20.45 0.78 0.00	19.66 0.80 0.00	23.35 0.79 0.00	21.00 0.85 0.00	20.48 0.93 0.00	22.12 1.07 -0.03	23.79 1.05 -0.03	32.59 1.53 0.00	33.13 1.62 0.00	31.11 1.63 0.00	27.71 1.40 0.00	25.39 1.18 0.00	24.94 1.14 0.00	23.87 0.97 0.00
PJM_GEN_KEystone 24065	11.71 0.03 3.85	-21.39 0.06 35.24	6.67 0.01 2.92	11.53 0.03 -5.50	9.79 0.00 -9.46	10.93 0.05 -5.05	19.65 0.04 0.00	22.86 -0.06 1.52	269.07 -0.02 -243.90	22.78 0.03 0.00	6.71 -0.03 12.93	17.04 -0.01 1.81	22.61 0.05 0.00	20.32 0.16 0.00	41.52 0.21 -21.75	21.76 0.36 -0.38	23.13 0.41 -0.02	31.43 0.38 0.01	31.87 0.36 0.00	29.61 0.36 0.24	18.86 0.27 7.72	24.31 0.28 0.18	23.95 0.20 0.06	23.14 0.25 0.00
PJM_GEN_NEPTUNE_PROXY 323594	16.60 1.08 0.00	14.74 0.95 0.00	15.41 0.60 -5.23	15.46 0.35 -9.11	16.03 0.02 -15.68	14.56 0.37 -8.37	20.57 0.96 0.00	25.47 1.02 0.00	26.18 0.99 0.00	23.68 0.92 0.00	20.53 0.86 0.00	19.78 0.92 0.00	23.43 0.87 0.00	21.09 0.93 0.00	20.58 1.03 0.00	22.12 1.07 -0.03	23.77 1.03 -0.03	32.63 1.58 0.00	33.34 1.83 0.00	31.28 1.79 0.00	27.82 1.51 0.00	25.43 1.23 0.00	25.02 1.22 0.00	24.10 1.20 0.00
PJM_GEN_VFT_PROXY 323633	-38.69 0.82 55.03	-488.96 0.72 503.48	-71.54 0.46 81.58	-13.85 0.28 20.13	16.02 0.02 -15.68	14.49 0.29 -8.37	19.34 0.73 0.99	-64.03 0.73 89.20	-258.81 0.67 284.67	-122.83 0.69 146.27	-222.87 0.67 243.20	-6.30 0.69 25.86	23.26 0.70 0.00	20.94 0.77 0.00	-634.55 0.83 654.94	-94.09 0.94 116.05	23.64 0.91 -0.03	32.06 1.33 0.32	32.69 1.44 0.25	27.35 1.47 3.60	-82.77 1.26 110.34	22.74 1.06 2.52	24.02 1.03 0.81	23.80 0.90 0.00
PLATSBRG_115KV_PMLD1 355749	15.77 0.24 0.00	13.98 0.20 0.00	9.70 0.12 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.80 -0.02 0.00	19.50 -0.10 0.00	24.33 -0.12 0.00	25.43 0.24 0.00	22.97 0.21 0.00	19.85 0.18 0.00	19.00 0.13 0.00	22.98 0.42 0.00	20.33 0.17 0.00	19.84 0.29 0.00	21.08 0.06 0.00	22.41 -0.29 0.00	30.92 -0.13 0.00	31.31 -0.20 0.00	28.65 -0.84 0.00	25.55 -0.76 0.00	23.32 -0.89 0.00	22.85 -0.95 0.00	22.07 -0.83 0.00
PLEASANTVLY__LBMP 24000	16.24 0.71 0.00	14.43 0.64 0.00	15.52 0.42 -5.52	15.87 0.26 -9.61	16.89 0.02 -16.55	14.92 0.26 -8.83	20.27 0.66 0.00	25.07 0.63 0.00	25.69 0.51 0.00	23.27 0.51 0.00	20.16 0.49 0.00	19.37 0.50 0.00	23.00 0.44 0.00	20.66 0.50 0.00	20.13 0.58 0.00	21.75 0.70 -0.04	23.45 0.71 -0.04	32.15 1.09 0.00	32.72 1.21 0.00	30.73 1.24 0.00	27.37 1.06 0.00	25.07 0.86 0.00	24.65 0.85 0.00	23.60 0.70 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	16.36 0.84 0.00	14.54 0.75 0.00	15.34 0.49 -5.28	15.49 0.29 -9.20	16.17 0.02 -15.83	14.58 0.30 -8.45	20.39 0.78 0.00	25.23 0.79 0.00	25.88 0.69 0.00	23.47 0.72 0.00	20.35 0.68 0.00	19.56 0.70 0.00	23.23 0.67 0.00	20.89 0.73 0.00	20.37 0.81 0.00	21.99 0.95 -0.03	23.70 0.97 -0.03	32.49 1.43 0.00	33.05 1.54 0.00	31.02 1.53 0.00	27.64 1.32 0.00	25.30 1.10 0.00	24.87 1.07 0.00	23.81 0.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	16.36 0.84 0.00	14.54 0.75 0.00	15.34 0.49 -5.28	15.49 0.29 -9.20	16.17 0.02 -15.83	14.58 0.30 -8.45	20.39 0.78 0.00	25.23 0.79 0.00	25.88 0.69 0.00	23.47 0.72 0.00	20.35 0.68 0.00	19.56 0.70 0.00	23.23 0.67 0.00	20.89 0.73 0.00	20.37 0.81 0.00	21.99 0.95 -0.03	23.70 0.97 -0.03	32.49 1.43 0.00	33.05 1.54 0.00	31.02 1.53 0.00	27.64 1.32 0.00	25.30 1.10 0.00	24.87 1.07 0.00	23.81 0.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.35 0.82 0.00	14.53 0.74 0.00	15.45 0.49 -5.38	15.67 0.30 -9.38	16.48 0.02 -16.14	14.74 0.30 -8.62	20.41 0.80 0.00	25.25 0.81 0.00	25.86 0.68 0.00	23.43 0.68 0.00	20.28 0.61 0.00	19.48 0.62 0.00	23.15 0.59 0.00	20.81 0.65 0.00	20.27 0.72 0.00	21.87 0.87 0.01	23.63 0.94 0.01	32.49 1.43 0.00	33.10 1.58 0.00	31.05 1.56 0.00	27.68 1.36 0.00	25.32 1.12 0.00	24.90 1.10 0.00	23.82 0.92 0.00
POLETTI____ 23519	16.42 0.89 0.00	14.58 0.80 0.00	15.31 0.51 -5.23	15.41 0.31 -9.11	16.02 0.02 -15.68	14.51 0.31 -8.37	20.40 0.79 0.00	25.23 0.79 0.00	25.92 0.73 0.00	23.54 0.78 0.00	20.41 0.74 0.00	19.64 0.77 0.00	23.31 0.75 0.00	20.98 0.82 0.00	20.46 0.90 0.00	22.08 1.03 -0.03	23.73 1.00 -0.03	32.52 1.46 0.00	33.07 1.56 0.00	31.08 1.60 0.00	27.67 1.36 0.00	25.35 1.14 0.00	24.91 1.11 0.00	23.85 0.95 0.00
POMONA____ESR 323819	16.30 0.77 0.00	14.47 0.68 0.00	15.01 0.44 -4.99	14.95 0.27 -8.69	15.29 0.02 -14.95	14.09 0.28 -7.98	20.32 0.71 0.00	25.17 0.73 0.00	25.84 0.66 0.00	23.41 0.66 0.00	20.29 0.62 0.00	19.50 0.64 0.00	23.19 0.63 0.00	20.87 0.70 0.00	20.36 0.80 0.00	22.00 0.95 -0.03	23.72 0.99 -0.03	32.51 1.45 0.00	33.07 1.55 0.00	31.02 1.53 0.00	27.59 1.28 0.00	25.26 1.06 0.00	24.81 1.01 0.00	23.77 0.87 0.00
PORT_JEFF_3 23555	17.01 1.48 0.00	15.09 1.30 0.00	15.64 0.84 -5.23	15.60 0.49 -9.11	16.04 0.03 -15.68	14.70 0.51 -8.37	21.01 1.40 0.00	25.97 1.53 0.00	26.71 1.53 0.00	24.14 1.39 0.00	20.88 1.21 0.00	20.08 1.21 0.00	23.76 1.20 0.00	21.40 1.23 0.00	20.91 1.36 0.00	22.47 1.42 -0.03	24.14 1.40 -0.03	33.14 2.08 0.00	33.93 2.42 0.00	31.92 2.43 0.00	28.34 2.02 0.00	25.87 1.67 0.00	25.49 1.69 0.00	24.64 1.74 0.00
PORT_JEFF_4 23616	17.01 1.48 0.00	15.09 1.30 0.00	15.64 0.84 -5.23	15.60 0.49 -9.11	16.04 0.03 -15.68	14.70 0.51 -8.37	21.01 1.40 0.00	25.97 1.53 0.00	26.71 1.53 0.00	24.14 1.39 0.00	20.88 1.21 0.00	20.08 1.21 0.00	23.76 1.20 0.00	21.40 1.23 0.00	20.91 1.36 0.00	22.47 1.42 -0.03	24.14 1.40 -0.03	33.14 2.08 0.00	33.93 2.42 0.00	31.92 2.43 0.00	28.34 2.02 0.00	25.87 1.67 0.00	25.49 1.69 0.00	24.64 1.74 0.00
PORT_JEFF_IC 23713	17.03 1.50 0.00	15.10 1.32 0.00	15.65 0.85 -5.23	15.61 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.04 1.43 0.00	26.00 1.56 0.00	26.75 1.57 0.00	24.19 1.43 0.00	20.93 1.26 0.00	20.12 1.26 0.00	23.83 1.27 0.00	21.46 1.31 0.00	20.99 1.44 0.00	22.56 1.51 -0.03	24.23 1.50 -0.03	33.21 2.15 0.00	34.01 2.50 0.00	32.03 2.55 0.00	28.44 2.12 0.00	25.95 1.74 0.00	25.56 1.76 0.00	24.69 1.79 0.00
PPL PILGRIM_ST_GT1 24216	17.01 1.49 0.00	15.09 1.30 0.00	15.64 0.84 -5.23	15.60 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.03 1.42 0.00	26.04 1.59 0.00	26.78 1.59 0.00	24.19 1.44 0.00	20.96 1.29 0.00	20.17 1.30 0.00	23.92 1.36 0.00	21.55 1.39 0.00	21.05 1.50 0.00	22.47 1.43 -0.03	24.15 1.41 -0.03	33.19 2.13 0.00	33.98 2.47 0.00	31.97 2.48 0.00	28.52 2.20 0.00	26.04 1.84 0.00	25.62 1.82 0.00	24.70 1.81 0.00
PPL PILGRIM_ST_GT2 24217	17.01 1.49 0.00	15.09 1.30 0.00	15.64 0.84 -5.23	15.60 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.03 1.42 0.00	26.04 1.59 0.00	26.78 1.59 0.00	24.19 1.44 0.00	20.96 1.29 0.00	20.17 1.30 0.00	23.92 1.36 0.00	21.55 1.39 0.00	21.05 1.50 0.00	22.47 1.43 -0.03	24.15 1.41 -0.03	33.19 2.13 0.00	33.98 2.47 0.00	31.97 2.48 0.00	28.52 2.20 0.00	26.04 1.84 0.00	25.62 1.82 0.00	24.70 1.81 0.00
PPL_SHRM_GT3 24213	17.13 1.61 0.00	15.20 1.41 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.75 0.55 -8.37	21.15 1.54 0.00	26.16 1.71 0.00	26.92 1.73 0.00	24.34 1.58 0.00	21.07 1.39 0.00	20.26 1.40 0.00	24.04 1.48 0.00	21.65 1.49 0.00	21.18 1.62 0.00	22.82 1.77 -0.03	24.52 1.79 -0.03	33.75 2.70 0.00	34.55 3.04 0.00	32.47 2.98 0.00	28.82 2.51 0.00	26.27 2.07 0.00	25.83 2.03 0.00	24.93 2.03 0.00
PPL_SHRM_GT4 24214	17.13 1.61 0.00	15.20 1.41 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.75 0.55 -8.37	21.15 1.54 0.00	26.16 1.71 0.00	26.92 1.73 0.00	24.34 1.58 0.00	21.07 1.39 0.00	20.26 1.40 0.00	24.04 1.48 0.00	21.65 1.49 0.00	21.18 1.62 0.00	22.82 1.77 -0.03	24.52 1.79 -0.03	33.75 2.70 0.00	34.55 3.04 0.00	32.47 2.98 0.00	28.82 2.51 0.00	26.27 2.07 0.00	25.83 2.03 0.00	24.93 2.03 0.00
PROJECT____ORANGE 1 24174	15.34 -0.19 0.00	13.63 -0.16 0.00	9.91 -0.12 -0.45	6.71 -0.06 -0.78	1.67 0.00 -1.34	6.49 -0.05 -0.72	19.52 -0.09 0.00	24.45 0.01 0.00	25.22 0.04 0.00	22.81 0.06 0.00	19.70 0.03 0.00	18.90 0.04 0.00	22.67 0.11 0.00	20.29 0.13 0.00	19.63 0.08 0.00	21.20 0.18 0.00	22.96 0.26 0.00	31.36 0.30 0.00	31.78 0.27 0.00	29.73 0.24 0.00	26.51 0.20 0.00	24.39 0.18 0.00	24.01 0.21 0.00	23.15 0.25 0.00
PROJECT____ORANGE 2 24166	15.34 -0.19 0.00	13.63 -0.16 0.00	9.91 -0.12 -0.45	6.71 -0.06 -0.78	1.67 0.00 -1.34	6.49 -0.05 -0.72	19.52 -0.09 0.00	24.45 0.01 0.00	25.22 0.04 0.00	22.81 0.06 0.00	19.70 0.03 0.00	18.90 0.04 0.00	22.67 0.11 0.00	20.29 0.13 0.00	19.63 0.08 0.00	21.20 0.18 0.00	22.96 0.26 0.00	31.36 0.30 0.00	31.78 0.27 0.00	29.73 0.24 0.00	26.51 0.20 0.00	24.39 0.18 0.00	24.01 0.21 0.00	23.15 0.25 0.00
PUCKETT____SOLAR 323809	15.71 0.18 0.00	13.95 0.16 0.00	11.25 0.11 -1.56	8.79 0.08 -2.71	5.01 0.01 -4.67	8.42 0.10 -2.49	19.92 0.31 0.00	24.76 0.32 0.00	25.49 0.30 0.00	22.95 0.20 0.00	19.81 0.14 0.00	18.99 0.12 0.00	22.73 0.17 0.00	20.38 0.22 0.00	19.76 0.21 0.00	21.38 0.36 0.00	23.27 0.57 0.00	31.87 0.81 0.00	32.40 0.89 0.00	30.37 0.88 0.00	27.05 0.74 0.00	24.87 0.67 0.00	24.38 0.58 0.00	23.48 0.58 0.00

PYRITES___HYD 24023	15.67 0.15 0.00	13.92 0.13 0.00	9.66 0.08 0.00	6.03 0.03 0.00	0.33 0.00 0.00	5.86 0.03 0.00	19.75 0.14 0.00	24.69 0.24 0.00	25.51 0.33 0.00	22.97 0.21 0.00	20.00 0.33 0.00	19.16 0.29 0.00	22.97 0.41 0.00	20.34 0.18 0.00	19.76 0.20 0.00	20.95 -0.07 0.00	22.56 -0.14 0.00	31.03 -0.03 0.00	31.47 -0.04 0.00	29.31 -0.18 0.00	26.23 -0.08 0.00	24.09 -0.12 0.00	23.51 -0.30 0.00	22.77 -0.13 0.00
QUAKERRD_115KV_BK1 80622	14.77 -0.75 0.00	13.13 -0.65 0.00	9.70 -0.46 -0.58	6.76 -0.26 -1.02	2.06 -0.02 -1.75	6.51 -0.25 -0.93	18.83 -0.79 0.00	23.57 -0.87 0.00	24.42 -0.77 0.00	22.11 -0.64 0.00	18.98 -0.69 0.00	18.22 -0.65 0.00	22.05 -0.52 0.00	19.76 -0.40 0.00	19.18 -0.38 0.00	20.82 -0.19 0.00	22.54 -0.16 0.00	30.51 -0.55 0.00	30.80 -0.71 0.00	28.80 -0.69 0.00	25.73 -0.58 0.00	23.76 -0.44 0.00	23.34 -0.46 0.00	22.56 -0.34 0.00
QUENSBRY_115KV_TB8 356137	16.47 0.95 0.00	14.64 0.85 0.00	17.17 0.62 -6.97	18.54 0.39 -12.15	21.26 0.02 -20.91	17.39 0.40 -11.16	20.91 1.30 0.00	25.83 1.39 0.00	26.46 1.28 0.00	23.82 1.07 0.00	20.50 0.83 0.00	19.69 0.82 0.00	23.49 0.93 0.00	20.93 0.77 0.00	20.36 0.80 0.00	22.01 1.03 0.04	24.11 1.45 0.04	33.37 2.31 0.00	34.34 2.83 0.00	32.22 2.73 0.00	28.70 2.39 0.00	26.25 2.04 0.00	25.72 1.92 0.00	24.52 1.62 0.00
RAMAPO___LBMP 323565	16.23 0.71 0.00	14.41 0.63 0.00	14.95 0.40 -4.97	14.89 0.25 -8.65	15.23 0.01 -14.88	14.03 0.26 -7.95	20.24 0.63 0.00	25.08 0.64 0.00	25.75 0.57 0.00	23.32 0.57 0.00	20.21 0.53 0.00	19.42 0.55 0.00	23.09 0.53 0.00	20.76 0.60 0.00	20.26 0.70 0.00	21.88 0.84 -0.03	23.59 0.86 -0.03	32.34 1.28 0.00	32.90 1.38 0.00	30.87 1.38 0.00	27.46 1.15 0.00	25.14 0.94 0.00	24.70 0.90 0.00	23.67 0.76 0.00
RANKINE____ 23646	14.75 -0.78 0.00	13.15 -0.63 0.00	9.92 -0.47 -0.81	7.20 -0.23 -1.42	2.76 -0.02 -2.45	6.93 -0.21 -1.31	18.90 -0.71 0.00	23.59 -0.86 0.00	24.61 -0.58 0.00	22.35 -0.40 0.00	19.08 -0.59 0.00	18.34 -0.53 0.00	22.34 -0.22 0.00	20.07 -0.09 0.00	19.44 -0.12 0.00	21.20 0.18 0.00	22.95 0.25 0.00	30.72 -0.33 0.00	30.88 -0.63 0.00	28.84 -0.64 0.01	25.83 -0.49 0.00	24.04 -0.17 0.00	23.54 -0.26 0.00	22.87 -0.03 0.00
RAVENSWOOD_GT2_1 24244	16.43 0.91 0.00	14.59 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	20.48 0.93 0.00	22.11 1.06 -0.03	23.78 1.05 -0.03	32.58 1.52 0.00	33.14 1.63 0.00	31.15 1.66 0.00	27.73 1.42 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT2_2 24245	16.43 0.91 0.00	14.59 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	20.48 0.93 0.00	22.11 1.06 -0.03	23.78 1.05 -0.03	32.58 1.52 0.00	33.14 1.63 0.00	31.15 1.66 0.00	27.73 1.42 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT2_3 24246	16.44 0.91 0.00	14.60 0.82 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.97 0.79 0.00	23.58 0.82 0.00	20.46 0.78 0.00	19.67 0.81 0.00	23.36 0.80 0.00	21.02 0.86 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.79 1.06 -0.03	32.60 1.54 0.00	33.15 1.64 0.00	31.16 1.67 0.00	27.75 1.43 0.00	25.41 1.21 0.00	24.97 1.17 0.00	23.91 1.01 0.00
RAVENSWOOD_GT2_4 24247	16.44 0.91 0.00	14.60 0.82 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.97 0.79 0.00	23.58 0.82 0.00	20.46 0.78 0.00	19.67 0.81 0.00	23.36 0.80 0.00	21.02 0.86 0.00	20.49 0.94 0.00	22.12 1.07 -0.03	23.79 1.06 -0.03	32.60 1.54 0.00	33.15 1.64 0.00	31.16 1.67 0.00	27.75 1.43 0.00	25.41 1.21 0.00	24.97 1.17 0.00	23.91 1.01 0.00
RAVENSWOOD_GT3_1 24248	16.43 0.91 0.00	14.59 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	20.49 0.93 0.00	22.11 1.06 -0.03	23.78 1.05 -0.03	32.58 1.53 0.00	33.14 1.63 0.00	31.15 1.66 0.00	27.73 1.42 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT3_2 24249	16.43 0.91 0.00	14.59 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	20.49 0.93 0.00	22.11 1.06 -0.03	23.78 1.05 -0.03	32.58 1.53 0.00	33.14 1.63 0.00	31.15 1.66 0.00	27.73 1.42 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT3_3 24250	16.45 0.93 0.00	14.62 0.83 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.02 0.02 -15.68	14.52 0.33 -8.37	20.46 0.85 0.00	25.32 0.88 0.00	26.00 0.82 0.00	23.60 0.85 0.00	20.48 0.81 0.00	19.70 0.83 0.00	23.39 0.83 0.00	21.04 0.89 0.00	20.52 0.97 0.00	22.15 1.10 -0.03	23.83 1.09 -0.03	32.64 1.58 0.00	33.20 1.69 0.00	31.20 1.71 0.00	27.78 1.47 0.00	25.44 1.24 0.00	25.00 1.20 0.00	23.94 1.04 0.00
RAVENSWOOD_GT3_4 24251	16.45 0.93 0.00	14.62 0.83 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.02 0.02 -15.68	14.52 0.33 -8.37	20.46 0.85 0.00	25.32 0.88 0.00	26.00 0.82 0.00	23.60 0.85 0.00	20.48 0.81 0.00	19.70 0.83 0.00	23.39 0.83 0.00	21.04 0.89 0.00	20.52 0.97 0.00	22.15 1.10 -0.03	23.83 1.09 -0.03	32.64 1.58 0.00	33.20 1.69 0.00	31.20 1.71 0.00	27.78 1.47 0.00	25.44 1.24 0.00	25.00 1.20 0.00	23.94 1.04 0.00
RAVENSWOOD_GT_1 23729	16.46 0.93 0.00	14.63 0.84 0.00	15.34 0.53 -5.23	15.43 0.32 -9.11	16.03 0.02 -15.68	14.52 0.33 -8.37	20.44 0.83 0.00	25.32 0.88 0.00	26.02 0.83 0.00	23.62 0.87 0.00	20.51 0.83 0.00	19.72 0.85 0.00	23.40 0.83 0.00	21.06 0.90 0.00	248.78 0.97 -228.25	23.79 1.10 -1.68	23.84 1.10 -0.03	32.64 1.58 0.00	33.22 1.68 -0.04	31.39 1.70 -0.19	41.42 1.48 -13.63	25.44 1.24 0.00	25.00 1.20 0.00	23.94 1.04 0.00
RAVENSWOOD_GT_10 24258	16.43 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	46.82 0.93 -26.34	22.30 1.06 -0.22	23.78 1.05 -0.03	32.58 1.53 0.00	33.14 1.63 0.00	31.17 1.66 -0.02	29.30 1.42 -1.57	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00

RAVENSWOOD_GT_11 24259	16.43 0.91 0.00	14.60 0.81 0.00	15.32 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.01 0.85 0.00	46.82 0.93 -26.34	22.30 1.06 -0.22	23.78 1.05 -0.03	32.58 1.53 0.00	33.14 1.63 0.00	31.16 1.65 -0.02	29.30 1.42 -1.57	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT_4 24252	16.44 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	194.29 0.93 -173.80	23.37 1.07 -1.28	23.78 1.05 -0.03	32.59 1.53 0.00	33.17 1.63 -0.03	31.29 1.66 -0.15	38.11 1.42 -10.38	25.40 1.20 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT_5 24254	16.44 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	194.29 0.93 -173.80	23.37 1.07 -1.28	23.78 1.05 -0.03	32.59 1.53 0.00	33.17 1.63 -0.03	31.29 1.66 -0.15	38.11 1.42 -10.38	25.40 1.20 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT_6 24253	16.44 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	194.29 0.93 -173.80	23.37 1.07 -1.28	23.78 1.05 -0.03	32.59 1.53 0.00	33.17 1.63 -0.03	31.29 1.66 -0.15	38.11 1.42 -10.38	25.40 1.20 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT_7 24255	16.44 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.83 0.00	25.29 0.85 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	194.29 0.93 -173.80	23.37 1.07 -1.28	23.78 1.05 -0.03	32.59 1.53 0.00	33.17 1.63 -0.03	31.29 1.66 -0.15	38.11 1.42 -10.38	25.40 1.20 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.43 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	46.82 0.93 -26.34	22.30 1.06 -0.22	23.78 1.05 -0.03	32.58 1.53 0.00	33.14 1.63 0.00	31.17 1.66 -0.02	29.30 1.42 -1.57	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD_GT_9 24257	16.43 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	46.82 0.93 -26.34	22.30 1.06 -0.22	23.78 1.05 -0.03	32.58 1.53 0.00	33.14 1.63 0.00	31.17 1.66 -0.02	29.30 1.42 -1.57	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD___1 23533	16.43 0.91 0.00	14.61 0.82 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.41 0.80 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.81 0.00	23.35 0.79 0.00	21.02 0.86 0.00	-204.28 0.94 224.77	20.49 1.06 1.59	23.79 1.06 -0.03	32.58 1.52 0.00	33.10 1.62 0.03	30.95 1.65 0.19	14.31 1.43 13.42	25.39 1.19 0.00	24.96 1.15 0.00	23.90 1.00 0.00
RAVENSWOOD___2 23534	16.43 0.91 0.00	14.61 0.82 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.41 0.80 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.81 0.00	23.35 0.79 0.00	21.02 0.86 0.00	-204.28 0.94 224.77	20.49 1.06 1.59	23.79 1.06 -0.03	32.58 1.52 0.00	33.10 1.62 0.03	30.95 1.65 0.19	14.31 1.43 13.42	25.39 1.19 0.00	24.96 1.15 0.00	23.90 1.00 0.00
RAVENSWOOD___3 23535	16.43 0.91 0.00	14.59 0.81 0.00	15.32 0.52 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.82 0.00	25.28 0.84 0.00	25.96 0.78 0.00	23.57 0.81 0.00	20.45 0.78 0.00	19.66 0.80 0.00	23.35 0.79 0.00	21.01 0.85 0.00	20.49 0.93 0.00	22.11 1.06 -0.03	23.78 1.05 -0.03	32.58 1.53 0.00	33.13 1.63 0.00	31.14 1.65 0.00	27.73 1.42 0.00	25.39 1.19 0.00	24.96 1.16 0.00	23.90 1.00 0.00
RAVENSWOOD___4 23820	16.43 0.91 0.00	14.61 0.82 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.41 0.80 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.57 0.82 0.00	20.47 0.80 0.00	19.68 0.81 0.00	23.35 0.79 0.00	21.02 0.86 0.00	-204.28 0.94 224.77	20.49 1.06 1.59	23.79 1.06 -0.03	32.58 1.52 0.00	33.10 1.62 0.03	30.95 1.65 0.19	14.31 1.43 13.42	25.39 1.19 0.00	24.96 1.15 0.00	23.90 1.00 0.00
RCPI_TRUST___DRP 24196	16.44 0.91 0.00	14.60 0.82 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.44 0.84 0.00	25.29 0.85 0.00	25.98 0.79 0.00	23.60 0.85 0.00	20.47 0.80 0.00	19.70 0.83 0.00	23.39 0.83 0.00	21.04 0.88 0.00	20.51 0.96 0.00	22.15 1.10 -0.03	23.82 1.09 -0.03	32.64 1.58 0.00	33.17 1.66 0.00	31.17 1.69 0.00	27.74 1.43 0.00	25.42 1.21 0.00	24.98 1.18 0.00	23.90 1.00 0.00
RED___ROCHESTER 323720	15.13 -0.40 0.00	13.46 -0.33 0.00	9.94 -0.24 -0.60	6.94 -0.11 -1.05	2.13 -0.01 -1.81	6.68 -0.11 -0.96	19.26 -0.34 0.00	24.10 -0.34 0.00	25.02 -0.17 0.00	22.66 -0.09 0.00	19.43 -0.24 0.00	18.66 -0.20 0.00	22.66 0.10 0.00	20.33 0.17 0.00	19.77 0.21 0.00	21.50 0.48 0.00	23.27 0.57 0.00	31.43 0.38 0.00	31.68 0.17 0.00	29.63 0.14 0.00	26.48 0.17 0.00	24.48 0.28 0.00	24.02 0.21 0.00	23.23 0.33 0.00
REGAN___SOLAR 323812	17.02 1.50 0.00	15.07 1.29 0.00	18.41 0.88 -7.95	20.39 0.54 -13.85	24.21 0.03 -23.85	19.10 0.54 -12.73	21.42 1.81 0.00	26.38 1.94 0.00	26.91 1.73 0.00	23.81 1.05 0.00	20.34 0.67 0.00	19.70 0.83 0.00	23.13 0.57 0.00	20.79 0.63 0.00	20.69 1.14 0.00	22.31 1.32 0.03	24.04 1.37 0.03	34.66 3.61 0.00	35.27 3.76 0.00	33.10 3.61 0.00	29.50 3.19 0.00	27.03 2.82 0.00	26.40 2.60 0.00	25.36 2.46 0.00
RENSSELAER___COGEN 23796	15.82 0.30 0.00	14.08 0.29 0.00	16.48 0.20 -6.70	17.80 0.12 -11.67	20.43 0.01 -20.09	16.69 0.13 -10.73	19.86 0.26 0.00	24.51 0.07 0.00	25.05 -0.13 0.00	22.62 -0.14 0.00	19.58 -0.09 0.00	18.79 -0.08 0.00	22.33 -0.23 0.00	20.02 -0.14 0.00	19.46 -0.09 0.00	21.00 0.01 0.03	22.73 0.06 0.03	31.31 0.25 0.00	31.91 0.39 0.00	29.95 0.46 0.00	26.70 0.39 0.00	24.43 0.22 0.00	24.01 0.21 0.00	22.96 0.06 0.00

REPUBLIC_115KV_BARTNBRK 55605	16.94 1.42 0.00	15.06 1.27 0.00	17.37 0.83 -6.97	18.66 0.52 -12.14	21.25 0.03 -20.89	17.53 0.55 -11.15	21.47 1.86 0.00	26.47 2.03 0.00	27.13 1.95 0.00	24.43 1.67 0.00	21.14 1.47 0.00	20.30 1.44 0.00	24.31 1.75 0.00	21.67 1.51 0.00	21.06 1.50 0.00	22.74 1.77 0.04	25.23 2.57 0.04	35.07 4.01 0.00	36.16 4.65 0.00	33.96 4.47 0.00	30.13 3.81 0.00	27.39 3.19 0.00	26.76 2.96 0.00	25.45 2.55 0.00
REVERE_CPPR_DRP 24186	15.86 0.34 0.00	14.06 0.27 0.00	10.01 0.17 -0.26	6.55 0.10 -0.46	1.12 0.00 -0.78	6.33 0.09 -0.42	19.96 0.35 0.00	24.94 0.50 0.00	25.68 0.50 0.00	23.19 0.44 0.00	20.10 0.43 0.00	19.22 0.35 0.00	22.96 0.41 0.00	20.58 0.41 0.00	19.98 0.43 0.00	21.51 0.49 0.00	23.39 0.69 0.00	32.26 1.20 0.00	32.81 1.30 0.00	30.71 1.22 0.00	27.37 1.05 0.00	24.98 0.77 0.00	24.35 0.55 0.00	23.38 0.48 0.00
REYNOLDS_115KV_TB3 80639	15.93 0.40 0.00	14.17 0.38 0.00	16.56 0.27 -6.71	17.86 0.17 -11.70	20.47 0.01 -20.13	16.74 0.17 -10.75	20.00 0.39 0.00	24.66 0.22 0.00	25.19 0.00 0.00	22.74 -0.02 0.00	19.69 0.02 0.00	18.89 0.02 0.00	22.44 -0.12 0.00	20.12 -0.04 0.00	19.55 0.00 0.00	21.11 0.13 0.04	22.84 0.18 0.04	31.48 0.42 0.00	32.08 0.57 0.00	30.13 0.64 0.00	26.86 0.54 0.00	24.56 0.36 0.00	24.16 0.36 0.00	23.09 0.19 0.00
RIVERBAY____ 323610	16.53 1.00 0.00	14.69 0.91 0.00	15.38 0.57 -5.23	15.46 0.35 -9.11	16.03 0.02 -15.68	14.53 0.34 -8.37	20.46 0.85 0.00	25.35 0.90 0.00	26.02 0.83 0.00	23.61 0.86 0.00	20.47 0.79 0.00	19.67 0.80 0.00	23.30 0.74 0.00	21.03 0.87 0.00	20.50 0.95 0.00	22.15 1.10 -0.03	23.83 1.09 -0.03	32.64 1.59 0.00	33.21 1.70 0.00	31.20 1.71 0.00	27.80 1.49 0.00	25.44 1.23 0.00	25.02 1.22 0.00	23.99 1.10 0.00
RIVERSDE_115KV_TB3 55908	15.89 0.36 0.00	14.13 0.34 0.00	16.55 0.24 -6.73	17.88 0.15 -11.73	20.53 0.01 -20.19	16.76 0.15 -10.78	19.94 0.33 0.00	24.60 0.15 0.00	25.13 -0.05 0.00	22.69 -0.06 0.00	19.66 -0.02 0.00	18.85 -0.01 0.00	22.41 -0.15 0.00	20.09 -0.07 0.00	19.53 -0.02 0.00	21.08 0.10 0.04	22.82 0.15 0.04	31.44 0.39 0.00	32.04 0.53 0.00	30.09 0.60 0.00	26.81 0.50 0.00	24.52 0.32 0.00	24.12 0.31 0.00	23.05 0.15 0.00
ROARING__BROOK_WT_PWR 323790	15.38 -0.15 0.00	13.59 -0.20 0.00	9.43 -0.14 0.00	5.89 -0.11 0.00	0.32 -0.01 0.00	5.70 -0.13 0.00	19.24 -0.37 0.00	24.05 -0.39 0.00	24.92 -0.26 0.00	22.57 -0.19 0.00	19.56 -0.11 0.00	18.71 -0.15 0.00	22.34 -0.22 0.00	19.95 -0.22 0.00	19.36 -0.20 0.00	20.66 -0.36 0.00	22.37 -0.33 0.00	30.72 -0.34 0.00	30.99 -0.52 0.00	28.97 -0.52 0.00	25.95 -0.36 0.00	23.67 -0.54 0.00	23.02 -0.78 0.00	22.13 -0.77 0.00
ROCHESRG_115KV_T4 355643	14.99 -0.54 0.00	13.34 -0.45 0.00	9.86 -0.32 -0.60	6.88 -0.16 -1.04	2.11 -0.01 -1.79	6.63 -0.15 -0.96	19.11 -0.50 0.00	23.91 -0.53 0.00	24.81 -0.38 0.00	22.47 -0.28 0.00	19.26 -0.41 0.00	18.49 -0.38 0.00	22.41 -0.15 0.00	20.10 -0.06 0.00	19.52 -0.04 0.00	21.22 0.20 0.00	22.96 0.26 0.00	31.02 -0.04 0.00	31.28 -0.23 0.00	29.24 -0.24 0.00	26.14 -0.17 0.00	24.18 -0.02 0.00	23.74 -0.06 0.00	22.98 0.07 0.00
ROCHESTER_9_IC 23652	15.06 -0.46 0.00	13.40 -0.38 0.00	9.90 -0.28 -0.60	6.92 -0.13 -1.05	2.13 -0.01 -1.81	6.66 -0.13 -0.96	19.20 -0.41 0.00	24.02 -0.42 0.00	24.93 -0.25 0.00	22.58 -0.17 0.00	19.35 -0.32 0.00	18.58 -0.28 0.00	22.55 -0.01 0.00	20.23 0.07 0.00	19.65 0.10 0.00	21.37 0.36 0.00	23.13 0.43 0.00	31.24 0.18 0.00	31.50 -0.02 0.00	29.44 -0.05 0.00	26.33 0.02 0.00	24.34 0.14 0.00	23.89 0.08 0.00	23.11 0.21 0.00
ROCKVIEW_13_KV_LD 356306	16.43 0.91 0.00	14.60 0.81 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.02 0.02 -15.68	14.52 0.32 -8.37	20.45 0.84 0.00	25.31 0.87 0.00	25.99 0.80 0.00	23.57 0.82 0.00	20.45 0.77 0.00	19.66 0.79 0.00	23.35 0.79 0.00	21.00 0.85 0.00	20.48 0.93 0.00	22.12 1.07 -0.03	23.82 1.09 -0.03	32.64 1.59 0.00	33.21 1.70 0.00	31.20 1.71 0.00	27.77 1.46 0.00	25.43 1.23 0.00	24.99 1.19 0.00	23.93 1.03 0.00
ROME____115KV_TB2 80656	15.86 0.34 0.00	14.06 0.27 0.00	10.01 0.17 -0.26	6.55 0.10 -0.46	1.12 0.00 -0.78	6.33 0.09 -0.42	19.96 0.35 0.00	24.94 0.50 0.00	25.68 0.50 0.00	23.19 0.44 0.00	20.10 0.43 0.00	19.22 0.35 0.00	22.96 0.41 0.00	20.58 0.41 0.00	19.98 0.43 0.00	21.51 0.49 0.00	23.39 0.69 0.00	32.26 1.20 0.00	32.81 1.30 0.00	30.71 1.22 0.00	27.37 1.05 0.00	24.98 0.77 0.00	24.35 0.55 0.00	23.38 0.48 0.00
ROSETON____1 23587	16.22 0.69 0.00	14.41 0.63 0.00	15.21 0.41 -5.23	15.35 0.25 -9.10	16.01 0.01 -15.67	14.45 0.25 -8.37	20.25 0.64 0.00	25.06 0.62 0.00	25.70 0.51 0.00	23.27 0.51 0.00	20.16 0.49 0.00	19.37 0.50 0.00	23.01 0.45 0.00	20.67 0.51 0.00	20.14 0.58 0.00	21.75 0.71 -0.03	23.45 0.72 -0.03	32.16 1.10 0.00	32.72 1.21 0.00	30.72 1.23 0.00	27.36 1.05 0.00	25.06 0.85 0.00	24.63 0.83 0.00	23.59 0.69 0.00
ROSETON____2 23588	16.22 0.69 0.00	14.41 0.63 0.00	15.21 0.41 -5.23	15.35 0.25 -9.10	16.01 0.01 -15.67	14.45 0.25 -8.37	20.25 0.64 0.00	25.06 0.62 0.00	25.70 0.51 0.00	23.27 0.51 0.00	20.16 0.49 0.00	19.37 0.50 0.00	23.01 0.45 0.00	20.67 0.51 0.00	20.14 0.58 0.00	21.75 0.71 -0.03	23.45 0.72 -0.03	32.16 1.10 0.00	32.72 1.21 0.00	30.72 1.23 0.00	27.36 1.05 0.00	25.06 0.85 0.00	24.63 0.83 0.00	23.59 0.69 0.00
ROTTRDAM_115KV_TB3 80664	16.10 0.57 0.00	14.30 0.52 0.00	17.02 0.37 -7.06	18.54 0.23 -12.30	21.52 0.01 -21.18	17.36 0.23 -11.31	20.26 0.66 0.00	25.08 0.64 0.00	25.70 0.52 0.00	23.20 0.44 0.00	20.05 0.37 0.00	19.23 0.37 0.00	22.90 0.34 0.00	20.49 0.33 0.00	19.92 0.36 0.00	21.49 0.50 0.03	23.27 0.60 0.03	32.04 0.98 0.00	32.66 1.14 0.00	30.64 1.15 0.00	27.32 1.00 0.00	25.02 0.82 0.00	24.59 0.79 0.00	23.54 0.64 0.00
RUSSELL____1 23602	15.13 -0.40 0.00	13.46 -0.33 0.00	9.94 -0.24 -0.60	6.94 -0.11 -1.05	2.13 -0.01 -1.81	6.68 -0.11 -0.96	19.26 -0.34 0.00	24.11 -0.34 0.00	25.02 -0.17 0.00	22.66 -0.09 0.00	19.43 -0.24 0.00	18.67 -0.20 0.00	22.66 0.10 0.00	20.33 0.17 0.00	19.77 0.21 0.00	21.50 0.48 0.00	23.28 0.57 0.00	31.43 0.37 0.00	31.68 0.17 0.00	29.61 0.12 0.00	26.47 0.16 0.00	24.48 0.28 0.00	24.02 0.22 0.00	23.22 0.33 0.00
RUSSELL____2 23532	15.13 -0.40 0.00	13.46 -0.33 0.00	9.94 -0.24 -0.60	6.94 -0.11 -1.05	2.13 -0.01 -1.81	6.68 -0.11 -0.96	19.26 -0.34 0.00	24.11 -0.34 0.00	25.02 -0.17 0.00	22.66 -0.09 0.00	19.43 -0.24 0.00	18.67 -0.20 0.00	22.66 0.10 0.00	20.33 0.17 0.00	19.77 0.21 0.00	21.50 0.48 0.00	23.28 0.57 0.00	31.43 0.37 0.00	31.68 0.17 0.00	29.61 0.12 0.00	26.47 0.16 0.00	24.48 0.28 0.00	24.02 0.22 0.00	23.22 0.33 0.00

RUSSELL___3 23549	15.13 -0.40 0.00	13.46 -0.33 0.00	9.94 -0.24 -0.60	6.94 -0.11 -1.05	2.13 -0.01 -1.81	6.68 -0.11 -0.96	19.26 -0.34 0.00	24.11 -0.34 0.00	25.02 -0.17 0.00	22.66 -0.09 0.00	19.43 -0.24 0.00	18.67 -0.20 0.00	22.66 0.10 0.00	20.33 0.17 0.00	19.77 0.21 0.00	21.50 0.48 0.00	23.28 0.57 0.00	31.43 0.37 0.00	31.68 0.17 0.00	29.61 0.12 0.00	26.47 0.16 0.00	24.48 0.28 0.00	24.02 0.22 0.00	23.22 0.33 0.00
RUSSELL___4 23556	15.13 -0.40 0.00	13.46 -0.33 0.00	9.94 -0.24 -0.60	6.94 -0.11 -1.05	2.13 -0.01 -1.81	6.68 -0.11 -0.96	19.26 -0.34 0.00	24.11 -0.34 0.00	25.02 -0.17 0.00	22.66 -0.09 0.00	19.43 -0.24 0.00	18.67 -0.20 0.00	22.66 0.10 0.00	20.33 0.17 0.00	19.77 0.21 0.00	21.50 0.48 0.00	23.28 0.57 0.00	31.43 0.37 0.00	31.68 0.17 0.00	29.61 0.12 0.00	26.47 0.16 0.00	24.48 0.28 0.00	24.02 0.22 0.00	23.22 0.33 0.00
RUSSELL___STATION 23914	15.13 -0.40 0.00	13.46 -0.33 0.00	9.94 -0.24 -0.60	6.94 -0.11 -1.05	2.13 -0.01 -1.81	6.68 -0.11 -0.96	19.26 -0.34 0.00	24.11 -0.34 0.00	25.02 -0.17 0.00	22.66 -0.09 0.00	19.43 -0.24 0.00	18.67 -0.20 0.00	22.66 0.10 0.00	20.33 0.17 0.00	19.77 0.21 0.00	21.50 0.48 0.00	23.28 0.57 0.00	31.43 0.37 0.00	31.68 0.17 0.00	29.61 0.12 0.00	26.47 0.16 0.00	24.48 0.28 0.00	24.02 0.22 0.00	23.22 0.33 0.00
S SALMON___HYD 24043	15.32 -0.20 0.00	13.59 -0.20 0.00	9.78 -0.15 -0.36	6.53 -0.10 -0.62	1.39 -0.01 -1.07	6.31 -0.09 -0.57	19.42 -0.19 0.00	24.37 -0.08 0.00	25.10 -0.08 0.00	22.66 -0.10 0.00	19.62 -0.05 0.00	18.77 -0.10 0.00	22.40 -0.15 0.00	20.10 -0.06 0.00	19.33 -0.22 0.00	20.73 -0.29 0.00	22.62 -0.08 0.00	31.21 0.15 0.00	31.69 0.18 0.00	29.69 0.20 0.00	26.47 0.15 0.00	24.08 -0.13 0.00	23.54 -0.26 0.00	22.67 -0.23 0.00
S.PERRY___115KV_TB1 80734	15.30 -0.23 0.00	13.59 -0.19 0.00	10.26 -0.16 -0.84	7.42 -0.05 -1.47	2.85 -0.01 -2.53	7.13 -0.04 -1.35	19.52 -0.09 0.00	24.42 -0.02 0.00	25.32 0.13 0.00	22.73 -0.03 0.00	19.49 -0.18 0.00	18.70 -0.16 0.00	22.72 0.16 0.00	20.40 0.24 0.00	19.77 0.21 0.00	21.54 0.53 0.00	23.51 0.81 0.00	32.17 1.12 0.00	32.51 1.00 0.00	30.32 0.79 -0.04	27.00 0.69 0.00	25.01 0.80 0.00	24.45 0.65 0.00	23.60 0.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	14.62 -0.90 0.00	13.05 -0.74 0.00	9.82 -0.54 -0.78	7.10 -0.26 -1.36	2.66 -0.02 -2.34	6.83 -0.25 -1.25	18.74 -0.86 0.00	23.39 -1.05 0.00	24.41 -0.78 0.00	22.17 -0.59 0.00	18.90 -0.77 0.00	18.16 -0.71 0.00	22.13 -0.43 0.00	19.88 -0.28 0.00	19.27 -0.28 0.00	21.03 0.01 0.00	22.73 0.03 0.00	30.41 -0.64 0.00	30.55 -0.95 0.00	28.55 -0.93 0.01	25.58 -0.73 0.00	23.81 -0.40 0.00	23.34 -0.46 0.00	22.70 -0.20 0.00
SAWYER___23_KV_LOAD 55526	14.62 -0.90 0.00	13.05 -0.74 0.00	9.82 -0.54 -0.78	7.10 -0.26 -1.36	2.66 -0.02 -2.34	6.83 -0.25 -1.25	18.74 -0.86 0.00	23.39 -1.05 0.00	24.41 -0.78 0.00	22.17 -0.59 0.00	18.90 -0.77 0.00	18.16 -0.71 0.00	22.13 -0.43 0.00	19.88 -0.28 0.00	19.27 -0.28 0.00	21.03 0.01 0.00	22.73 0.03 0.00	30.41 -0.64 0.00	30.55 -0.95 0.00	28.55 -0.93 0.01	25.58 -0.73 0.00	23.81 -0.40 0.00	23.34 -0.46 0.00	22.70 -0.20 0.00
SELKIRK___I 23801	15.98 0.46 0.00	14.21 0.42 0.00	16.47 0.32 -6.58	17.66 0.20 -11.46	20.07 0.01 -19.72	16.56 0.20 -10.53	20.13 0.52 0.00	24.86 0.42 0.00	25.41 0.22 0.00	22.92 0.16 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.61 0.05 0.00	20.25 0.09 0.00	19.67 0.11 0.00	21.23 0.23 0.02	22.98 0.30 0.02	31.64 0.59 0.00	32.23 0.72 0.00	30.27 0.78 0.00	26.99 0.68 0.00	24.71 0.50 0.00	24.29 0.49 0.00	23.24 0.34 0.00
SELKIRK___II 23799	15.90 0.37 0.00	14.14 0.35 0.00	16.50 0.25 -6.67	17.77 0.16 -11.62	20.33 0.01 -19.99	16.66 0.16 -10.67	19.97 0.36 0.00	24.67 0.23 0.00	25.24 0.05 0.00	22.78 0.03 0.00	19.72 0.05 0.00	18.92 0.05 0.00	22.49 -0.07 0.00	20.15 0.00 0.00	19.58 0.03 0.00	21.13 0.13 0.03	22.85 0.18 0.03	31.45 0.40 0.00	32.04 0.53 0.00	30.07 0.59 0.00	26.81 0.50 0.00	24.54 0.34 0.00	24.14 0.34 0.00	23.10 0.19 0.00
SENECA OSWGO___HYD 24041	15.29 -0.24 0.00	13.58 -0.21 0.00	9.83 -0.15 -0.40	6.60 -0.09 -0.69	1.52 -0.01 -1.19	6.38 -0.08 -0.64	19.46 -0.15 0.00	24.42 -0.02 0.00	25.18 -0.01 0.00	22.78 0.02 0.00	19.67 0.00 0.00	18.86 0.00 0.00	22.60 0.04 0.00	20.23 0.06 0.00	19.55 0.00 0.00	21.09 0.07 0.00	22.83 0.13 0.00	31.23 0.17 0.00	31.63 0.13 0.00	29.61 0.12 0.00	26.40 0.09 0.00	24.27 0.07 0.00	23.93 0.12 0.00	23.07 0.17 0.00
SENECA___115KV_TB3 355854	14.77 -0.76 0.00	13.17 -0.62 0.00	9.94 -0.46 -0.81	7.20 -0.22 -1.42	2.76 -0.01 -2.45	6.94 -0.20 -1.31	18.92 -0.69 0.00	23.61 -0.83 0.00	24.64 -0.55 0.00	22.38 -0.37 0.00	19.11 -0.56 0.00	18.36 -0.50 0.00	22.38 -0.18 0.00	20.11 -0.06 0.00	19.47 -0.08 0.00	21.24 0.22 0.00	22.98 0.28 0.00	30.78 -0.28 0.00	30.94 -0.57 0.00	28.88 -0.60 0.01	25.86 -0.45 0.00	24.08 -0.13 0.00	23.58 -0.22 0.00	22.91 0.00 0.00
SENECA___ENERGY 23797	15.22 -0.30 0.00	13.50 -0.28 0.00	10.02 -0.20 -0.63	7.01 -0.10 -1.11	2.23 -0.01 -1.90	6.75 -0.10 -1.02	19.38 -0.23 0.00	24.24 -0.20 0.00	25.06 -0.13 0.00	22.66 -0.09 0.00	19.50 -0.17 0.00	18.72 -0.15 0.00	22.51 -0.05 0.00	20.19 0.03 0.00	19.54 -0.02 0.00	21.20 0.18 0.00	23.06 0.36 0.00	31.36 0.31 0.00	31.79 0.27 0.00	29.75 0.25 0.00	26.47 0.16 0.00	24.40 0.20 0.00	23.95 0.15 0.00	23.07 0.17 0.00
SHOEMAKER___GT 23640	16.12 0.59 0.00	14.31 0.53 0.00	14.56 0.35 -4.64	14.29 0.21 -8.08	14.24 0.01 -13.90	13.47 0.22 -7.42	20.16 0.55 0.00	24.96 0.52 0.00	25.62 0.43 0.00	23.17 0.41 0.00	20.06 0.39 0.00	19.26 0.39 0.00	22.93 0.36 0.00	20.59 0.43 0.00	20.05 0.50 0.00	21.66 0.62 -0.02	23.38 0.66 -0.03	32.08 1.03 0.00	32.65 1.14 0.00	30.65 1.16 0.00	27.30 0.99 0.00	25.02 0.81 0.00	24.59 0.79 0.00	23.56 0.66 0.00
SHOEMAKR_138KV_BK 111 55601	16.11 0.59 0.00	14.31 0.52 0.00	14.52 0.34 -4.59	14.21 0.21 -8.00	14.12 0.01 -13.78	13.40 0.22 -7.36	20.16 0.55 0.00	24.96 0.52 0.00	25.62 0.44 0.00	23.18 0.42 0.00	20.07 0.39 0.00	19.27 0.41 0.00	22.94 0.38 0.00	20.60 0.44 0.00	20.07 0.51 0.00	21.67 0.63 -0.02	23.40 0.67 -0.02	32.09 1.03 0.00	32.66 1.14 0.00	30.65 1.16 0.00	27.29 0.98 0.00	25.01 0.81 0.00	24.58 0.78 0.00	23.55 0.65 0.00
SHOREHAM_IC_1 23715	17.13 1.61 0.00	15.20 1.41 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.75 0.55 -8.37	21.15 1.54 0.00	26.16 1.71 0.00	26.92 1.73 0.00	24.34 1.58 0.00	21.07 1.39 0.00	20.26 1.40 0.00	24.04 1.48 0.00	21.65 1.49 0.00	21.18 1.62 0.00	22.82 1.77 -0.03	24.52 1.79 -0.03	33.75 2.70 0.00	34.55 3.04 0.00	32.47 2.98 0.00	28.82 2.51 0.00	26.27 2.07 0.00	25.83 2.03 0.00	24.93 2.03 0.00

SHOREHAM_IC_2 23716	17.13 1.61 0.00	15.20 1.41 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.75 0.55 -8.37	21.15 1.54 0.00	26.16 1.71 0.00	26.92 1.73 0.00	24.34 1.58 0.00	21.07 1.39 0.00	20.26 1.40 0.00	24.04 1.48 0.00	21.65 1.49 0.00	21.18 1.62 0.00	22.82 1.77 -0.03	24.52 1.79 -0.03	33.75 2.70 0.00	34.55 3.04 0.00	32.47 2.98 0.00	28.82 2.51 0.00	26.27 2.07 0.00	25.83 2.03 0.00	24.93 2.03 0.00
SISSONVILLE____ 23735	15.43 -0.10 0.00	13.70 -0.08 0.00	9.50 -0.08 0.00	5.93 -0.07 0.00	0.33 0.00 0.00	5.77 -0.06 0.00	19.43 -0.18 0.00	24.33 -0.12 0.00	25.21 0.03 0.00	22.75 0.00 0.00	19.76 0.08 0.00	18.93 0.06 0.00	22.67 0.11 0.00	20.06 -0.10 0.00	19.46 -0.09 0.00	20.65 -0.37 0.00	22.26 -0.44 0.00	30.58 -0.47 0.00	30.98 -0.53 0.00	28.86 -0.63 0.00	25.80 -0.52 0.00	23.66 -0.54 0.00	23.08 -0.73 0.00	22.37 -0.53 0.00
SITHE_IND_GS1 24169	15.09 -0.43 0.00	13.40 -0.38 0.00	9.63 -0.27 -0.32	6.39 -0.16 -0.55	1.27 -0.01 -0.95	6.18 -0.15 -0.51	19.22 -0.39 0.00	24.12 -0.32 0.00	24.88 -0.30 0.00	22.50 -0.26 0.00	19.42 -0.25 0.00	18.63 -0.23 0.00	22.33 -0.23 0.00	19.95 -0.21 0.00	19.27 -0.29 0.00	20.76 -0.25 0.00	22.45 -0.24 0.00	30.66 -0.40 0.00	31.08 -0.43 0.00	29.09 -0.40 0.00	25.95 -0.36 0.00	23.88 -0.32 0.00	23.57 -0.24 0.00	22.75 -0.15 0.00
SITHE_IND_GS2 24170	15.09 -0.43 0.00	13.40 -0.38 0.00	9.63 -0.27 -0.32	6.39 -0.16 -0.55	1.27 -0.01 -0.95	6.18 -0.15 -0.51	19.22 -0.39 0.00	24.12 -0.32 0.00	24.88 -0.30 0.00	22.50 -0.26 0.00	19.42 -0.25 0.00	18.63 -0.23 0.00	22.33 -0.23 0.00	19.95 -0.21 0.00	19.27 -0.29 0.00	20.76 -0.25 0.00	22.45 -0.24 0.00	30.66 -0.40 0.00	31.08 -0.43 0.00	29.09 -0.40 0.00	25.95 -0.36 0.00	23.88 -0.32 0.00	23.57 -0.24 0.00	22.75 -0.15 0.00
SITHE_IND_GS3 24171	15.09 -0.43 0.00	13.40 -0.38 0.00	9.63 -0.27 -0.32	6.39 -0.16 -0.55	1.27 -0.01 -0.95	6.18 -0.15 -0.51	19.22 -0.39 0.00	24.12 -0.32 0.00	24.88 -0.30 0.00	22.50 -0.26 0.00	19.42 -0.25 0.00	18.63 -0.23 0.00	22.33 -0.23 0.00	19.95 -0.21 0.00	19.27 -0.29 0.00	20.76 -0.25 0.00	22.45 -0.24 0.00	30.66 -0.40 0.00	31.08 -0.43 0.00	29.09 -0.40 0.00	25.95 -0.36 0.00	23.88 -0.32 0.00	23.57 -0.24 0.00	22.75 -0.15 0.00
SITHE_IND_GS4 24172	15.09 -0.43 0.00	13.40 -0.38 0.00	9.63 -0.27 -0.32	6.39 -0.16 -0.55	1.27 -0.01 -0.95	6.18 -0.15 -0.51	19.22 -0.39 0.00	24.12 -0.32 0.00	24.88 -0.30 0.00	22.50 -0.26 0.00	19.42 -0.25 0.00	18.63 -0.23 0.00	22.33 -0.23 0.00	19.95 -0.21 0.00	19.27 -0.29 0.00	20.76 -0.25 0.00	22.45 -0.24 0.00	30.66 -0.40 0.00	31.08 -0.43 0.00	29.09 -0.40 0.00	25.95 -0.36 0.00	23.88 -0.32 0.00	23.57 -0.24 0.00	22.75 -0.15 0.00
SITHE____BATAVIA 24024	15.05 -0.48 0.00	13.40 -0.38 0.00	9.98 -0.30 -0.69	7.08 -0.13 -1.20	2.39 -0.01 -2.07	6.82 -0.12 -1.11	19.21 -0.40 0.00	23.98 -0.46 0.00	24.96 -0.23 0.00	22.59 -0.17 0.00	19.25 -0.42 0.00	18.50 -0.36 0.00	22.54 -0.02 0.00	20.22 0.06 0.00	19.67 0.12 0.00	21.54 0.52 0.00	23.39 0.69 0.00	31.43 0.38 0.00	31.60 0.09 0.00	29.56 0.08 0.01	26.47 0.16 0.00	24.54 0.34 0.00	24.02 0.22 0.00	23.31 0.41 0.00
SITHE____INDEPEND 23800	15.09 -0.43 0.00	13.40 -0.38 0.00	9.63 -0.27 -0.32	6.39 -0.16 -0.55	1.27 -0.01 -0.95	6.18 -0.15 -0.51	19.22 -0.39 0.00	24.12 -0.32 0.00	24.88 -0.30 0.00	22.50 -0.26 0.00	19.42 -0.25 0.00	18.63 -0.23 0.00	22.33 -0.23 0.00	19.95 -0.21 0.00	19.27 -0.29 0.00	20.76 -0.25 0.00	22.45 -0.24 0.00	30.66 -0.40 0.00	31.08 -0.43 0.00	29.08 -0.41 0.00	25.95 -0.36 0.00	23.88 -0.33 0.00	23.57 -0.24 0.00	22.75 -0.15 0.00
SITHE____MASSENA 23902	15.59 0.06 0.00	13.85 0.06 0.00	9.62 0.04 0.00	6.01 0.01 0.00	0.33 0.00 0.00	5.83 0.01 0.00	19.65 0.05 0.00	24.54 0.09 0.00	25.40 0.21 0.00	22.91 0.15 0.00	19.83 0.16 0.00	19.00 0.13 0.00	22.79 0.22 0.00	20.17 0.01 0.00	19.59 0.04 0.00	20.89 -0.13 0.00	22.48 -0.21 0.00	30.76 -0.29 0.00	31.14 -0.37 0.00	29.03 -0.46 0.00	25.95 -0.36 0.00	23.91 -0.30 0.00	23.42 -0.38 0.00	22.68 -0.22 0.00
SITHE____OGDNSBRG 24021	15.71 0.19 0.00	13.96 0.17 0.00	9.68 0.11 0.00	6.05 0.05 0.00	0.33 0.00 0.00	5.88 0.05 0.00	19.81 0.20 0.00	24.73 0.29 0.00	25.53 0.34 0.00	22.98 0.22 0.00	20.00 0.33 0.00	19.16 0.29 0.00	22.96 0.40 0.00	20.35 0.19 0.00	19.77 0.21 0.00	20.98 -0.03 0.00	22.58 -0.12 0.00	31.04 -0.02 0.00	31.48 -0.03 0.00	29.33 -0.16 0.00	26.25 -0.06 0.00	24.14 -0.06 0.00	23.58 -0.22 0.00	22.85 -0.05 0.00
SITHE____STERLING 23777	15.76 0.24 0.00	13.99 0.20 0.00	10.00 0.12 -0.30	6.60 0.08 -0.52	1.24 0.00 -0.91	6.38 0.07 -0.49	19.89 0.28 0.00	24.83 0.39 0.00	25.56 0.38 0.00	23.11 0.35 0.00	20.01 0.34 0.00	19.17 0.30 0.00	22.93 0.37 0.00	20.53 0.37 0.00	19.93 0.38 0.00	21.49 0.47 0.00	23.33 0.63 0.00	32.07 1.01 0.00	32.59 1.08 0.00	30.49 1.00 0.00	27.17 0.86 0.00	24.87 0.67 0.00	24.34 0.54 0.00	23.39 0.48 0.00
SLEIGHT__34_KV_TB1 80719	15.55 0.03 0.00	13.78 -0.01 0.00	10.17 -0.01 -0.59	7.06 0.02 -1.04	2.11 0.00 -1.79	6.79 0.01 -0.95	19.79 0.18 0.00	24.75 0.31 0.00	25.61 0.42 0.00	23.20 0.45 0.00	19.95 0.28 0.00	19.15 0.29 0.00	23.07 0.51 0.00	20.71 0.54 0.00	20.05 0.49 0.00	21.76 0.75 0.00	23.69 0.99 0.00	32.22 1.17 0.00	32.66 1.15 0.00	30.54 1.05 0.00	27.19 0.88 0.00	25.01 0.81 0.00	24.56 0.76 0.00	23.60 0.70 0.00
SOUTH CAIRO____GT 23612	16.34 0.81 0.00	14.51 0.73 0.00	16.37 0.50 -6.28	17.26 0.31 -10.95	19.20 0.02 -18.84	16.21 0.32 -10.06	20.56 0.95 0.00	25.40 0.95 0.00	25.88 0.70 0.00	23.22 0.46 0.00	19.92 0.25 0.00	19.06 0.20 0.00	22.70 0.14 0.00	20.43 0.27 0.00	19.82 0.27 0.00	21.44 0.44 0.02	23.42 0.74 0.02	32.53 1.47 0.00	33.33 1.83 0.00	31.44 1.96 0.00	28.05 1.74 0.00	25.62 1.42 0.00	25.09 1.29 0.00	23.93 1.03 0.00
SOUTH HAMPTN____IC 23720	17.36 1.83 0.00	15.38 1.59 0.00	15.84 1.03 -5.23	15.72 0.61 -9.11	16.05 0.04 -15.68	14.82 0.62 -8.37	21.41 1.80 0.00	26.50 2.06 0.00	27.31 2.13 0.00	24.75 1.99 0.00	21.44 1.77 0.00	20.64 1.78 0.00	24.52 1.96 0.00	22.10 1.94 0.00	21.61 2.06 0.00	23.29 2.24 -0.03	25.05 2.32 -0.03	34.49 3.43 0.00	35.27 3.76 0.00	33.13 3.64 0.00	29.39 3.08 0.00	26.78 2.57 0.00	26.28 2.48 0.00	25.34 2.44 0.00
SOUTHDOW_115KV_TB1 355954	14.97 -0.55 0.00	13.32 -0.47 0.00	10.10 -0.36 -0.88	7.39 -0.14 -1.54	2.97 -0.01 -2.64	7.13 -0.11 -1.41	19.30 -0.31 0.00	24.10 -0.34 0.00	25.22 0.04 0.00	23.03 0.28 0.00	19.80 0.13 0.00	19.02 0.15 0.00	23.14 0.58 0.00	20.73 0.57 0.00	19.96 0.41 0.00	21.78 0.76 0.00	23.68 0.98 0.00	31.72 0.67 0.00	31.61 0.10 0.00	29.40 -0.08 0.01	26.25 -0.06 0.00	24.88 0.68 0.00	24.22 0.42 0.00	23.40 0.50 0.00

SOUTHOLD_69_KV_BK 2 55809	17.64 2.12 0.00	15.63 1.84 0.00	16.00 1.20 -5.23	15.82 0.71 -9.11	16.05 0.04 -15.68	14.92 0.72 -8.37	21.75 2.14 0.00	26.95 2.50 0.00	27.83 2.64 0.00	25.25 2.49 0.00	21.88 2.21 0.00	21.10 2.23 0.00	25.10 2.54 0.00	22.64 2.48 0.00	22.15 2.59 0.00	23.88 2.84 -0.03	25.72 2.99 -0.03	35.42 4.36 0.00	36.17 4.66 0.00	33.99 4.50 0.00	30.13 3.82 0.00	27.43 3.23 0.00	26.87 3.07 0.00	25.86 2.96 0.00
SOUTHOLD___IC 23719	17.64 2.12 0.00	15.63 1.84 0.00	16.00 1.20 -5.23	15.82 0.71 -9.11	16.05 0.04 -15.68	14.92 0.72 -8.37	21.75 2.14 0.00	26.95 2.50 0.00	27.83 2.64 0.00	25.25 2.49 0.00	21.88 2.21 0.00	21.10 2.23 0.00	25.10 2.54 0.00	22.64 2.48 0.00	22.15 2.59 0.00	23.89 2.84 -0.03	25.72 2.99 -0.03	35.42 4.36 0.00	36.17 4.66 0.00	33.99 4.50 0.00	30.13 3.82 0.00	27.43 3.22 0.00	26.87 3.07 0.00	25.86 2.96 0.00
SPIERFLS_115KV_TB 1 80737	16.36 0.83 0.00	14.53 0.75 0.00	17.13 0.57 -6.98	18.51 0.36 -12.16	21.28 0.02 -20.93	17.37 0.37 -11.17	20.78 1.17 0.00	25.69 1.25 0.00	26.31 1.12 0.00	23.69 0.94 0.00	20.34 0.67 0.00	19.54 0.67 0.00	23.28 0.72 0.00	20.73 0.57 0.00	20.17 0.62 0.00	21.81 0.82 0.04	23.82 1.16 0.04	32.94 1.89 0.00	33.90 2.39 0.00	31.80 2.31 0.00	28.35 2.04 0.00	25.98 1.78 0.00	25.47 1.67 0.00	24.31 1.41 0.00
ST LAWRENCE____ 23600	15.40 -0.12 0.00	13.67 -0.11 0.00	9.49 -0.08 0.00	5.94 -0.06 0.00	0.33 0.00 0.00	5.76 -0.07 0.00	19.40 -0.21 0.00	24.21 -0.24 0.00	25.06 -0.13 0.00	22.59 -0.16 0.00	19.55 -0.12 0.00	18.73 -0.14 0.00	22.46 -0.10 0.00	19.96 -0.20 0.00	19.39 -0.17 0.00	20.70 -0.32 0.00	22.27 -0.43 0.00	30.44 -0.61 0.00	30.81 -0.71 0.00	28.72 -0.77 0.00	25.68 -0.63 0.00	23.68 -0.53 0.00	23.21 -0.59 0.00	22.40 -0.50 0.00
STATE_CA_115KV_115_LB 55624	15.90 0.37 0.00	14.14 0.36 0.00	16.61 0.25 -6.79	17.97 0.15 -11.82	20.69 0.01 -20.35	16.85 0.16 -10.87	19.96 0.35 0.00	24.64 0.20 0.00	25.19 0.00 0.00	22.74 -0.02 0.00	19.70 0.02 0.00	18.90 0.03 0.00	22.47 -0.09 0.00	20.14 -0.02 0.00	19.59 0.04 0.00	21.15 0.17 0.04	22.91 0.24 0.04	31.55 0.49 0.00	32.14 0.63 0.00	30.17 0.69 0.00	26.89 0.58 0.00	24.60 0.39 0.00	24.18 0.37 0.00	23.12 0.21 0.00
STATE_ST_34_KV_LOAD 55959	15.56 0.03 0.00	13.77 -0.02 0.00	10.21 0.01 -0.63	7.12 0.02 -1.09	2.21 0.00 -1.88	6.84 0.01 -1.00	19.80 0.19 0.00	24.76 0.32 0.00	25.58 0.39 0.00	23.13 0.37 0.00	19.90 0.23 0.00	19.10 0.24 0.00	22.93 0.37 0.00	20.56 0.39 0.00	19.87 0.31 0.00	21.49 0.47 0.00	23.39 0.69 0.00	31.82 0.76 0.00	32.40 0.89 0.00	30.33 0.84 0.00	26.98 0.67 0.00	24.81 0.60 0.00	24.38 0.58 0.00	23.43 0.53 0.00
STATION 5_MISC_HYD 23604	15.06 -0.46 0.00	13.40 -0.38 0.00	9.90 -0.28 -0.60	6.92 -0.13 -1.05	2.13 -0.01 -1.81	6.66 -0.13 -0.96	19.20 -0.41 0.00	24.02 -0.43 0.00	24.93 -0.26 0.00	22.58 -0.17 0.00	19.36 -0.32 0.00	18.58 -0.28 0.00	22.55 -0.01 0.00	20.23 0.07 0.00	19.65 0.10 0.00	21.37 0.35 0.00	23.13 0.43 0.00	31.24 0.19 0.00	31.50 -0.02 0.00	29.46 -0.03 0.00	26.33 0.02 0.00	24.34 0.14 0.00	23.89 0.08 0.00	23.12 0.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	15.24 -0.28 0.00	13.54 -0.24 0.00	10.00 -0.18 -0.60	6.97 -0.08 -1.05	2.13 -0.01 -1.81	6.72 -0.07 -0.96	19.42 -0.19 0.00	24.30 -0.15 0.00	25.17 -0.02 0.00	22.78 0.03 0.00	19.56 -0.11 0.00	18.78 -0.08 0.00	22.71 0.15 0.00	20.39 0.23 0.00	19.78 0.22 0.00	21.49 0.47 0.00	23.31 0.61 0.00	31.59 0.53 0.00	31.92 0.41 0.00	29.85 0.37 0.00	26.63 0.32 0.00	24.56 0.35 0.00	24.09 0.29 0.00	23.26 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.00 -0.52 0.00	13.35 -0.44 0.00	9.86 -0.32 -0.60	6.88 -0.16 -1.04	2.11 -0.01 -1.79	6.63 -0.15 -0.96	19.12 -0.49 0.00	23.93 -0.52 0.00	24.82 -0.36 0.00	22.49 -0.27 0.00	19.29 -0.38 0.00	18.52 -0.34 0.00	22.47 -0.10 0.00	20.15 -0.02 0.00	19.57 0.02 0.00	21.28 0.26 0.00	23.03 0.33 0.00	31.12 0.06 0.00	31.39 -0.12 0.00	29.34 -0.15 0.00	26.23 -0.08 0.00	24.24 0.03 0.00	23.78 -0.02 0.00	23.00 0.10 0.00
STA_56___34_KV_BUS2 355983	15.00 -0.52 0.00	13.35 -0.44 0.00	9.86 -0.32 -0.60	6.88 -0.16 -1.04	2.11 -0.01 -1.79	6.63 -0.15 -0.96	19.12 -0.49 0.00	23.93 -0.52 0.00	24.82 -0.36 0.00	22.49 -0.27 0.00	19.29 -0.38 0.00	18.52 -0.34 0.00	22.47 -0.10 0.00	20.15 -0.02 0.00	19.57 0.02 0.00	21.28 0.26 0.00	23.03 0.33 0.00	31.12 0.06 0.00	31.39 -0.12 0.00	29.34 -0.15 0.00	26.23 -0.08 0.00	24.24 0.03 0.00	23.78 -0.02 0.00	23.00 0.10 0.00
STA_67___115KV_BK2 355882	15.03 -0.49 0.00	13.38 -0.41 0.00	9.89 -0.30 -0.60	6.91 -0.14 -1.05	2.12 -0.01 -1.80	6.65 -0.14 -0.96	19.17 -0.44 0.00	23.98 -0.47 0.00	24.88 -0.30 0.00	22.54 -0.22 0.00	19.32 -0.35 0.00	18.55 -0.32 0.00	22.50 -0.06 0.00	20.18 0.02 0.00	19.60 0.04 0.00	21.32 0.30 0.00	23.07 0.37 0.00	31.15 0.10 0.00	31.42 -0.09 0.00	29.37 -0.12 0.00	26.26 -0.05 0.00	24.29 0.08 0.00	23.83 0.03 0.00	23.07 0.16 0.00
STA_7___115KV_9TRANS 80674	15.13 -0.40 0.00	13.46 -0.33 0.00	9.94 -0.24 -0.60	6.94 -0.11 -1.05	2.13 -0.01 -1.81	6.68 -0.11 -0.96	19.26 -0.34 0.00	24.11 -0.34 0.00	25.02 -0.17 0.00	22.66 -0.09 0.00	19.43 -0.24 0.00	18.67 -0.20 0.00	22.66 0.10 0.00	20.33 0.17 0.00	19.77 0.21 0.00	21.50 0.48 0.00	23.28 0.57 0.00	31.43 0.37 0.00	31.68 0.17 0.00	29.61 0.12 0.00	26.47 0.16 0.00	24.48 0.28 0.00	24.02 0.22 0.00	23.22 0.33 0.00
STA_82___115KV_TB1 80780	15.04 -0.48 0.00	13.39 -0.40 0.00	9.89 -0.29 -0.60	6.91 -0.14 -1.06	2.13 -0.01 -1.82	6.66 -0.13 -0.97	19.17 -0.44 0.00	23.99 -0.45 0.00	24.90 -0.29 0.00	22.55 -0.21 0.00	19.33 -0.35 0.00	18.56 -0.31 0.00	22.51 -0.05 0.00	20.19 0.03 0.00	19.61 0.06 0.00	21.33 0.31 0.00	23.08 0.38 0.00	31.18 0.12 0.00	31.44 -0.07 0.00	29.39 -0.10 0.00	26.28 -0.03 0.00	24.30 0.10 0.00	23.85 0.05 0.00	23.08 0.17 0.00
STEEL___WIND 323596	14.76 -0.77 0.00	13.15 -0.63 0.00	9.92 -0.47 -0.81	7.20 -0.23 -1.42	2.77 -0.02 -2.45	6.93 -0.20 -1.31	18.90 -0.71 0.00	23.59 -0.85 0.00	24.61 -0.57 0.00	22.36 -0.40 0.00	19.08 -0.59 0.00	18.34 -0.53 0.00	22.35 -0.21 0.00	20.08 -0.09 0.00	19.43 -0.12 0.00	21.20 0.18 0.00	22.94 0.24 0.00	30.73 -0.32 0.00	30.89 -0.63 0.00	28.87 -0.60 0.01	25.83 -0.48 0.00	24.05 -0.15 0.00	23.55 -0.25 0.00	22.90 0.00 0.00
STEPHTWN_115KV_BK_2 55603	15.95 0.42 0.00	14.18 0.39 0.00	16.56 0.28 -6.70	17.85 0.18 -11.67	20.44 0.01 -20.09	16.75 0.19 -10.73	20.05 0.44 0.00	24.78 0.34 0.00	25.38 0.19 0.00	22.85 0.09 0.00	19.77 0.10 0.00	18.97 0.10 0.00	22.58 0.02 0.00	20.24 0.07 0.00	19.67 0.11 0.00	21.26 0.28 0.03	23.07 0.40 0.03	31.76 0.71 0.00	32.32 0.80 0.00	30.39 0.90 0.00	27.01 0.70 0.00	24.73 0.52 0.00	24.28 0.47 0.00	23.21 0.31 0.00

STEUBEN_REC_LFGE 323667	14.74 -0.79 0.00	13.08 -0.71 0.00	10.11 -0.52 -1.05	7.58 -0.26 -1.84	3.48 -0.01 -3.16	7.28 -0.24 -1.69	18.83 -0.78 0.00	23.63 -0.81 0.00	24.79 -0.40 0.00	22.62 -0.13 0.00	19.42 -0.25 0.00	18.55 -0.32 0.00	22.56 0.00 0.00	20.30 0.14 0.00	19.57 0.02 0.00	21.23 0.21 0.00	23.16 0.46 0.00	31.41 0.35 0.00	31.64 0.13 0.00	29.26 -0.26 -0.03	25.71 -0.60 0.00	23.95 -0.25 0.00	23.40 -0.40 0.00	22.58 -0.32 0.00
STONY__BROOK 24151	17.01 1.48 0.00	15.09 1.30 0.00	15.64 0.83 -5.23	15.60 0.49 -9.11	16.04 0.03 -15.68	14.70 0.50 -8.37	21.02 1.41 0.00	25.99 1.55 0.00	26.75 1.57 0.00	24.19 1.43 0.00	20.94 1.27 0.00	20.14 1.28 0.00	23.88 1.32 0.00	21.51 1.35 0.00	21.03 1.48 0.00	22.60 1.55 -0.03	24.28 1.55 -0.03	33.30 2.25 0.00	34.11 2.60 0.00	32.07 2.58 0.00	28.46 2.15 0.00	25.97 1.76 0.00	25.56 1.76 0.00	24.69 1.78 0.00
STURGEON_POOL_HYD 23609	16.29 0.76 0.00	14.46 0.68 0.00	15.39 0.43 -5.38	15.64 0.26 -9.38	16.49 0.01 -16.15	14.72 0.27 -8.62	20.28 0.67 0.00	25.11 0.67 0.00	25.77 0.59 0.00	23.36 0.61 0.00	20.25 0.58 0.00	19.47 0.60 0.00	23.11 0.54 0.00	20.77 0.61 0.00	20.23 0.67 0.00	21.83 0.80 -0.01	23.53 0.82 -0.01	32.28 1.22 0.00	32.82 1.31 0.00	30.81 1.32 0.00	27.43 1.12 0.00	25.12 0.91 0.00	24.69 0.89 0.00	23.65 0.75 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.20 0.67 0.00	14.38 0.60 0.00	14.74 0.38 -4.78	14.56 0.24 -8.32	14.67 0.02 -14.33	13.72 0.24 -7.65	20.22 0.61 0.00	25.05 0.60 0.00	25.72 0.53 0.00	23.28 0.53 0.00	20.17 0.49 0.00	19.38 0.51 0.00	23.05 0.49 0.00	20.72 0.56 0.00	20.20 0.65 0.00	21.83 0.79 -0.03	23.55 0.83 -0.03	32.29 1.23 0.00	32.85 1.33 0.00	30.82 1.33 0.00	27.42 1.11 0.00	25.11 0.91 0.00	24.68 0.87 0.00	23.64 0.74 0.00
SWANROAD_115KV_TB1 355699	14.34 -1.18 0.00	12.81 -0.98 0.00	9.62 -0.71 -0.75	6.94 -0.37 -1.31	2.56 -0.02 -2.25	6.67 -0.35 -1.20	18.38 -1.23 0.00	22.94 -1.51 0.00	23.95 -1.24 0.00	21.74 -1.01 0.00	18.51 -1.16 0.00	17.78 -1.09 0.00	21.68 -0.88 0.00	19.48 -0.68 0.00	18.90 -0.65 0.00	20.66 -0.36 0.00	22.30 -0.40 0.00	29.74 -1.32 0.00	29.89 -1.62 0.00	27.99 -1.49 0.01	25.08 -1.23 0.00	23.34 -0.87 0.00	22.88 -0.92 0.00	22.29 -0.61 0.00
SYNERGY__BIOGAS 323694	15.05 -0.48 0.00	13.40 -0.38 0.00	9.98 -0.30 -0.69	7.08 -0.13 -1.20	2.39 -0.01 -2.07	6.82 -0.12 -1.11	19.21 -0.40 0.00	23.98 -0.40 0.00	24.96 -0.23 0.00	22.59 -0.17 0.00	19.25 -0.42 0.00	18.50 -0.36 0.00	22.54 -0.02 0.00	20.22 0.06 0.00	19.67 0.12 0.00	21.54 0.52 0.00	23.39 0.69 0.00	31.43 0.38 0.00	31.60 0.09 0.00	29.56 0.08 0.01	26.47 0.16 0.00	24.54 0.34 0.00	24.02 0.22 0.00	23.31 0.41 0.00
SYRACUSE__ENERGY_ST1 323597	15.43 -0.10 0.00	13.69 -0.09 0.00	10.01 -0.07 -0.50	6.83 -0.03 -0.86	1.81 0.00 -1.49	6.60 -0.03 -0.79	19.63 0.02 0.00	24.60 0.16 0.00	25.37 0.19 0.00	22.94 0.19 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.80 0.24 0.00	20.41 0.25 0.00	19.74 0.18 0.00	21.31 0.30 0.00	23.11 0.41 0.00	31.55 0.49 0.00	31.98 0.47 0.00	29.92 0.43 0.00	26.67 0.36 0.00	24.53 0.32 0.00	24.14 0.34 0.00	23.26 0.36 0.00
SYRACUSE__ENERGY_ST2 323598	15.43 -0.10 0.00	13.69 -0.09 0.00	10.01 -0.07 -0.50	6.83 -0.03 -0.86	1.81 0.00 -1.49	6.60 -0.03 -0.79	19.63 0.02 0.00	24.60 0.16 0.00	25.37 0.19 0.00	22.94 0.19 0.00	19.81 0.14 0.00	19.01 0.15 0.00	22.80 0.24 0.00	20.41 0.25 0.00	19.74 0.18 0.00	21.31 0.30 0.00	23.11 0.41 0.00	31.55 0.49 0.00	31.98 0.47 0.00	29.92 0.43 0.00	26.67 0.36 0.00	24.53 0.32 0.00	24.14 0.34 0.00	23.26 0.36 0.00
SYRACUSE__POWER 24017	15.41 -0.12 0.00	13.69 -0.10 0.00	10.03 -0.08 -0.52	6.87 -0.04 -0.91	1.89 0.00 -1.57	6.63 -0.03 -0.84	19.59 -0.01 0.00	24.54 0.09 0.00	25.30 0.12 0.00	22.88 0.12 0.00	19.76 0.09 0.00	18.96 0.09 0.00	22.74 0.18 0.00	20.35 0.19 0.00	19.69 0.14 0.00	21.26 0.24 0.00	23.05 0.35 0.00	31.50 0.44 0.00	31.92 0.41 0.00	29.86 0.37 0.00	26.63 0.32 0.00	24.49 0.28 0.00	24.10 0.30 0.00	23.23 0.32 0.00
TALLMAN__138KV_BK151 55660	16.28 0.75 0.00	14.45 0.67 0.00	14.95 0.43 -4.95	14.88 0.26 -8.62	15.19 0.01 -14.84	14.02 0.27 -7.92	20.29 0.69 0.00	25.14 0.70 0.00	25.82 0.64 0.00	23.39 0.63 0.00	20.27 0.60 0.00	19.48 0.62 0.00	23.17 0.61 0.00	20.84 0.68 0.00	20.34 0.78 0.00	21.98 0.93 -0.03	23.69 0.97 -0.03	32.47 1.42 0.00	33.03 1.52 0.00	30.99 1.50 0.00	27.56 1.25 0.00	25.23 1.02 0.00	24.78 0.98 0.00	23.73 0.83 0.00
TEALLAVE_115KV_TB7 355573	15.33 -0.19 0.00	13.62 -0.17 0.00	9.90 -0.12 -0.44	6.70 -0.07 -0.77	1.65 0.00 -1.32	6.47 -0.06 -0.71	19.51 -0.10 0.00	24.44 0.00 0.00	25.20 0.02 0.00	22.80 0.04 0.00	19.69 0.02 0.00	18.89 0.02 0.00	22.66 0.10 0.00	20.28 0.11 0.00	19.62 0.06 0.00	21.18 0.16 0.00	22.94 0.24 0.00	31.34 0.28 0.00	31.76 0.24 0.00	29.72 0.23 0.00	26.50 0.19 0.00	24.37 0.16 0.00	24.00 0.19 0.00	23.13 0.23 0.00
TELGRAPH_34_KV_EAST 80808	14.72 -0.81 0.00	13.13 -0.66 0.00	9.81 -0.48 -0.72	7.01 -0.23 -1.25	2.46 -0.02 -2.15	6.75 -0.22 -1.15	18.82 -0.79 0.00	23.51 -0.94 0.00	24.52 -0.67 0.00	22.23 -0.52 0.00	18.95 -0.72 0.00	18.23 -0.63 0.00	22.20 -0.36 0.00	19.93 -0.23 0.00	19.37 -0.18 0.00	21.18 0.16 0.00	22.91 0.20 0.00	30.64 -0.42 0.00	30.79 -0.72 0.00	28.81 -0.67 0.01	25.81 -0.50 0.00	23.98 -0.22 0.00	23.50 -0.30 0.00	22.84 -0.06 0.00
TEMPLE__115KV_TB 2 55572	15.34 -0.19 0.00	13.63 -0.16 0.00	9.91 -0.12 -0.45	6.71 -0.06 -0.78	1.67 0.00 -1.34	6.49 -0.05 -0.72	19.52 -0.09 0.00	24.45 0.01 0.00	25.22 0.04 0.00	22.81 0.06 0.00	19.70 0.03 0.00	18.90 0.04 0.00	22.67 0.11 0.00	20.29 0.13 0.00	19.63 0.08 0.00	21.20 0.18 0.00	22.96 0.26 0.00	31.36 0.30 0.00	31.78 0.27 0.00	29.73 0.24 0.00	26.51 0.20 0.00	24.39 0.18 0.00	24.01 0.21 0.00	23.15 0.25 0.00
TIANA____69_KV_BK 1 55817	17.28 1.76 0.00	15.32 1.54 0.00	15.80 0.99 -5.23	15.69 0.59 -9.11	16.05 0.04 -15.68	14.80 0.60 -8.37	21.33 1.72 0.00	26.38 1.94 0.00	27.18 2.00 0.00	24.62 1.86 0.00	21.32 1.65 0.00	20.52 1.66 0.00	24.38 1.82 0.00	21.96 1.80 0.00	21.48 1.93 0.00	23.14 2.09 -0.03	24.90 2.16 -0.03	34.27 3.21 0.00	35.05 3.54 0.00	32.94 3.45 0.00	29.22 2.91 0.00	26.62 2.42 0.00	26.14 2.34 0.00	25.21 2.31 0.00
TILDEN__115KV_TB1 80814	15.41 -0.12 0.00	13.69 -0.10 0.00	10.03 -0.08 -0.52	6.87 -0.04 -0.91	1.89 0.00 -1.57	6.63 -0.03 -0.84	19.59 -0.01 0.00	24.54 0.09 0.00	25.30 0.12 0.00	22.88 0.12 0.00	19.76 0.09 0.00	18.96 0.09 0.00	22.74 0.18 0.00	20.35 0.19 0.00	19.69 0.14 0.00	21.26 0.24 0.00	23.05 0.35 0.00	31.50 0.44 0.00	31.92 0.41 0.00	29.86 0.37 0.00	26.63 0.32 0.00	24.49 0.28 0.00	24.10 0.30 0.00	23.23 0.32 0.00

TRIGEN___CC 323695	16.62 1.09 0.00	14.75 0.96 0.00	15.42 0.61 -5.23	15.47 0.36 -9.11	16.03 0.02 -15.68	14.57 0.37 -8.37	20.60 0.99 0.00	25.51 1.07 0.00	26.22 1.03 0.00	23.72 0.96 0.00	20.58 0.91 0.00	19.82 0.96 0.00	23.48 0.92 0.00	21.14 0.98 0.00	20.62 1.06 0.00	22.18 1.13 -0.03	23.85 1.11 -0.03	32.73 1.67 0.00	33.40 1.89 0.00	31.34 1.85 0.00	27.90 1.59 0.00	25.51 1.31 0.00	25.08 1.27 0.00	24.14 1.24 0.00
TRINITY___115KV___4 BK 55933	15.85 0.32 0.00	14.10 0.31 0.00	16.51 0.21 -6.72	17.84 0.13 -11.71	20.49 0.01 -20.15	16.72 0.14 -10.76	19.89 0.28 0.00	24.54 0.09 0.00	25.08 -0.10 0.00	22.64 -0.11 0.00	19.61 -0.06 0.00	18.81 -0.05 0.00	22.36 -0.20 0.00	20.04 -0.12 0.00	19.49 -0.07 0.00	21.03 0.04 0.03	22.77 0.11 0.03	31.36 0.30 0.00	31.96 0.44 0.00	30.00 0.51 0.00	26.74 0.43 0.00	24.46 0.26 0.00	24.06 0.25 0.00	22.99 0.09 0.00
UNION___PROCESSING_DRP 323587	15.05 -0.48 0.00	13.39 -0.40 0.00	9.89 -0.29 -0.61	6.92 -0.14 -1.06	2.14 -0.01 -1.82	6.66 -0.13 -0.97	19.18 -0.43 0.00	23.99 -0.45 0.00	24.91 -0.28 0.00	22.56 -0.20 0.00	19.33 -0.34 0.00	18.56 -0.30 0.00	22.51 -0.05 0.00	20.20 0.04 0.00	19.61 0.06 0.00	21.34 0.32 0.00	23.10 0.40 0.00	31.19 0.13 0.00	31.45 -0.06 0.00	29.40 -0.09 0.00	26.29 -0.03 0.00	24.31 0.10 0.00	23.86 0.06 0.00	23.08 0.18 0.00
UPPER HUDSON___HYD 24058	16.36 0.83 0.00	14.53 0.75 0.00	17.13 0.57 -6.98	18.51 0.36 -12.16	21.28 0.02 -20.93	17.37 0.37 -11.17	20.78 1.17 0.00	25.69 1.25 0.00	26.31 1.12 0.00	23.70 0.94 0.00	20.34 0.67 0.00	19.54 0.67 0.00	23.28 0.72 0.00	20.73 0.57 0.00	20.17 0.62 0.00	21.81 0.82 0.04	23.82 1.16 0.04	32.94 1.89 0.00	33.89 2.38 0.00	31.80 2.31 0.00	28.35 2.04 0.00	25.98 1.78 0.00	25.47 1.67 0.00	24.31 1.41 0.00
UPPER RAQUET___HYD 24056	15.43 -0.10 0.00	13.70 -0.08 0.00	9.50 -0.08 0.00	5.93 -0.07 0.00	0.33 0.00 0.00	5.77 -0.06 0.00	19.43 -0.18 0.00	24.33 -0.12 0.00	25.21 0.03 0.00	22.75 0.00 0.00	19.76 0.08 0.00	18.93 0.06 0.00	22.67 0.11 0.00	20.06 -0.10 0.00	19.46 -0.09 0.00	20.65 -0.37 0.00	22.26 -0.44 0.00	30.58 -0.47 0.00	30.98 -0.53 0.00	28.85 -0.64 0.00	25.80 -0.52 0.00	23.66 -0.54 0.00	23.08 -0.72 0.00	22.37 -0.53 0.00
VALLEY44_115KV_TB2 355964	15.07 -0.46 0.00	13.46 -0.33 0.00	10.21 -0.28 -0.91	7.47 -0.11 -1.58	3.04 -0.01 -2.72	7.19 -0.09 -1.46	19.32 -0.29 0.00	24.09 -0.36 0.00	25.03 -0.15 0.00	22.72 -0.03 0.00	19.45 -0.22 0.00	18.55 -0.31 0.00	22.54 -0.02 0.00	20.23 0.07 0.00	19.60 0.04 0.00	21.29 0.27 0.00	23.10 0.40 0.00	31.08 0.02 0.00	31.36 -0.15 0.00	29.21 -0.27 0.00	26.09 -0.22 0.00	24.27 0.06 0.00	23.72 -0.08 0.00	23.04 0.14 0.00
VALLEY___115KV_TB 1-4 80826	15.58 0.06 0.00	13.84 0.05 0.00	9.63 0.05 0.00	6.03 0.03 0.00	0.33 0.00 0.00	5.86 0.03 0.00	19.60 -0.01 0.00	24.28 -0.17 0.00	24.85 -0.34 0.00	22.36 -0.40 0.00	19.34 -0.33 0.00	18.56 -0.31 0.00	22.08 -0.49 0.00	19.78 -0.38 0.00	19.26 -0.29 0.00	20.79 -0.22 0.00	22.65 -0.05 0.00	31.14 0.08 0.00	31.73 0.21 0.00	29.83 0.34 0.00	26.56 0.25 0.00	24.31 0.11 0.00	23.82 0.02 0.00	22.76 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.02 0.49 0.00	14.22 0.44 0.00	11.78 0.31 -1.89	9.49 0.19 -3.29	6.01 0.01 -5.67	9.05 0.19 -3.03	20.20 0.59 0.00	25.09 0.65 0.00	25.87 0.69 0.00	23.43 0.68 0.00	20.26 0.59 0.00	19.45 0.58 0.00	23.23 0.66 0.00	20.79 0.63 0.00	20.19 0.64 0.00	21.77 0.76 0.00	23.54 0.84 0.00	32.25 1.19 0.00	32.78 1.27 0.00	30.71 1.23 0.00	27.35 1.03 0.00	25.09 0.89 0.00	24.62 0.82 0.00	23.63 0.73 0.00
VISCHER___FERRY HYD 24020	16.10 0.57 0.00	14.31 0.52 0.00	16.77 0.38 -6.81	18.11 0.24 -11.87	20.77 0.01 -20.43	16.97 0.23 -10.91	20.26 0.65 0.00	24.99 0.54 0.00	25.53 0.34 0.00	23.01 0.25 0.00	19.91 0.24 0.00	19.10 0.24 0.00	22.70 0.14 0.00	20.35 0.18 0.00	19.77 0.21 0.00	21.34 0.37 0.05	23.13 0.48 0.05	31.91 0.86 0.00	32.57 1.06 0.00	30.58 1.09 0.00	27.26 0.95 0.00	24.92 0.72 0.00	24.51 0.71 0.00	23.42 0.52 0.00
V_A_10_SYNC_DSASP 323832	14.67 -0.86 0.00	13.08 -0.70 0.00	9.75 -0.50 -0.67	6.92 -0.25 -1.18	2.34 -0.02 -2.03	6.67 -0.24 -1.08	18.76 -0.85 0.00	23.44 -1.00 0.00	24.40 -0.79 0.00	22.13 -0.62 0.00	18.90 -0.77 0.00	18.13 -0.74 0.00	22.05 -0.51 0.00	19.79 -0.37 0.00	19.19 -0.36 0.00	20.91 -0.10 0.00	22.60 -0.10 0.00	30.35 -0.71 0.00	30.55 -0.96 0.00	28.57 -0.91 0.01	25.56 -0.75 0.00	23.73 -0.47 0.00	23.28 -0.52 0.00	22.62 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	15.47 -0.06 0.00	13.73 -0.06 0.00	9.53 -0.04 0.00	5.96 -0.04 0.00	0.33 0.00 0.00	5.78 -0.05 0.00	19.48 -0.13 0.00	24.31 -0.14 0.00	25.16 -0.02 0.00	22.70 -0.06 0.00	19.63 -0.04 0.00	18.81 -0.06 0.00	22.57 0.00 0.00	20.05 -0.11 0.00	19.47 -0.08 0.00	20.79 -0.23 0.00	22.37 -0.33 0.00	30.58 -0.48 0.00	30.95 -0.56 0.00	28.85 -0.64 0.00	25.79 -0.52 0.00	23.78 -0.43 0.00	23.31 -0.49 0.00	22.49 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	15.77 0.24 0.00	13.98 0.20 0.00	9.70 0.12 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.80 -0.02 0.00	19.50 -0.10 0.00	24.33 -0.12 0.00	25.43 0.24 0.00	22.97 0.21 0.00	19.85 0.18 0.00	19.00 0.13 0.00	22.98 0.42 0.00	20.33 0.17 0.00	19.84 0.29 0.00	21.08 0.06 0.00	22.41 -0.29 0.00	30.92 -0.13 0.00	31.31 -0.20 0.00	28.65 -0.84 0.00	25.55 -0.76 0.00	23.32 -0.88 0.00	22.85 -0.95 0.00	22.07 -0.83 0.00
V_E_10_SYNC_DSASP 323830	16.41 0.88 0.00	14.48 0.70 0.00	11.45 0.44 -1.43	8.79 0.29 -2.50	4.65 0.02 -4.30	8.43 0.31 -2.30	20.63 1.02 0.00	25.64 1.20 0.00	26.42 1.24 0.00	23.83 1.07 0.00	20.68 1.01 0.00	19.85 0.99 0.00	23.71 1.15 0.00	21.23 1.06 0.00	20.63 1.07 0.00	22.31 1.29 0.00	24.33 1.63 0.00	33.53 2.48 0.00	34.21 2.69 0.00	31.98 2.49 0.00	28.26 1.95 0.00	26.01 1.81 0.00	25.50 1.71 0.00	24.45 1.55 0.00
V_F_30_NSYNC___DSASP 323816	16.31 0.78 0.00	14.49 0.71 0.00	17.05 0.52 -6.96	18.44 0.33 -12.12	21.20 0.02 -20.86	17.29 0.32 -11.14	20.59 0.98 0.00	25.45 1.01 0.00	26.05 0.87 0.00	23.47 0.71 0.00	20.25 0.58 0.00	19.44 0.58 0.00	23.15 0.59 0.00	20.72 0.56 0.00	20.14 0.59 0.00	21.77 0.79 0.04	23.67 1.00 0.04	32.65 1.60 0.00	33.37 1.86 0.00	31.31 1.82 0.00	27.91 1.60 0.00	25.53 1.32 0.00	25.06 1.26 0.00	23.96 1.06 0.00
V_F_30_SYNC_DSASP 323786	15.90 0.37 0.00	14.14 0.36 0.00	16.61 0.25 -6.78	17.97 0.15 -11.81	20.67 0.01 -20.33	16.84 0.16 -10.86	19.96 0.35 0.00	24.63 0.19 0.00	25.19 0.00 0.00	22.74 -0.02 0.00	19.70 0.02 0.00	18.90 0.03 0.00	22.47 -0.09 0.00	20.14 -0.02 0.00	19.59 0.04 0.00	21.15 0.16 0.04	22.91 0.24 0.04	31.55 0.49 0.00	32.14 0.63 0.00	30.17 0.69 0.00	26.89 0.58 0.00	24.60 0.39 0.00	24.18 0.37 0.00	23.11 0.21 0.00

V_XM10_SYNC_DSASP 323789	15.77 0.24 0.00	13.98 0.20 0.00	9.70 0.12 0.00	6.03 0.04 0.00	0.33 0.00 0.00	5.80 -0.02 0.00	19.50 -0.10 0.00	24.33 -0.12 0.00	25.43 0.24 0.00	22.97 0.21 0.00	19.85 0.18 0.00	19.00 0.13 0.00	22.98 0.42 0.00	20.33 0.17 0.00	19.84 0.29 0.00	21.08 0.06 0.00	22.41 -0.29 0.00	30.92 -0.13 0.00	31.31 -0.20 0.00	28.65 -0.84 0.00	25.55 -0.76 0.00	23.32 -0.88 0.00	22.85 -0.95 0.00	22.07 -0.83 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.33 0.80 0.00	14.50 0.71 0.00	15.02 0.46 -4.99	14.97 0.28 -8.69	15.30 0.02 -14.96	14.10 0.29 -7.99	20.36 0.75 0.00	25.21 0.77 0.00	25.89 0.71 0.00	23.46 0.71 0.00	20.33 0.65 0.00	19.54 0.68 0.00	23.25 0.68 0.00	20.91 0.74 0.00	20.40 0.84 0.00	22.05 1.00 -0.03	23.77 1.04 -0.03	32.59 1.53 0.00	33.15 1.64 0.00	31.10 1.62 0.00	27.66 1.35 0.00	25.32 1.11 0.00	24.87 1.06 0.00	23.82 0.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.44 0.91 0.00	14.60 0.82 0.00	15.33 0.52 -5.23	15.42 0.32 -9.11	16.03 0.02 -15.68	14.52 0.32 -8.37	20.43 0.83 0.00	25.28 0.84 0.00	25.97 0.78 0.00	23.59 0.83 0.00	20.47 0.80 0.00	19.69 0.82 0.00	23.38 0.82 0.00	21.04 0.88 0.00	20.51 0.96 0.00	22.14 1.09 -0.03	23.82 1.09 -0.03	32.63 1.58 0.00	33.17 1.66 0.00	31.17 1.68 0.00	27.75 1.44 0.00	25.42 1.21 0.00	24.98 1.18 0.00	23.90 1.01 0.00
W50THST__13_KV_LOAD 356117	16.53 1.00 0.00	14.68 0.90 0.00	15.38 0.57 -5.23	15.46 0.35 -9.11	16.03 0.02 -15.68	14.55 0.36 -8.37	20.55 0.94 0.00	25.42 0.98 0.00	26.12 0.94 0.00	23.74 0.99 0.00	20.61 0.94 0.00	19.83 0.96 0.00	23.55 0.99 0.00	21.19 1.03 0.00	20.66 1.11 0.00	22.30 1.25 -0.03	23.99 1.26 -0.03	32.86 1.80 0.00	33.39 1.88 0.00	31.38 1.89 0.00	27.92 1.61 0.00	25.57 1.37 0.00	25.13 1.32 0.00	24.03 1.14 0.00
WADING RIVER_IC_1 23522	17.13 1.61 0.00	15.19 1.41 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.75 0.55 -8.37	21.15 1.54 0.00	26.16 1.71 0.00	26.92 1.74 0.00	24.34 1.59 0.00	21.08 1.41 0.00	20.28 1.41 0.00	24.06 1.50 0.00	21.67 1.51 0.00	21.20 1.64 0.00	22.82 1.77 -0.03	24.54 1.80 -0.03	33.76 2.71 0.00	34.55 3.04 0.00	32.47 2.98 0.00	28.82 2.51 0.00	26.29 2.08 0.00	25.84 2.04 0.00	24.93 2.03 0.00
WADING RIVER_IC_2 23547	17.13 1.61 0.00	15.19 1.41 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.75 0.55 -8.37	21.15 1.54 0.00	26.16 1.71 0.00	26.92 1.74 0.00	24.34 1.59 0.00	21.08 1.41 0.00	20.28 1.41 0.00	24.06 1.50 0.00	21.67 1.51 0.00	21.20 1.64 0.00	22.82 1.77 -0.03	24.54 1.80 -0.03	33.76 2.71 0.00	34.55 3.04 0.00	32.47 2.98 0.00	28.82 2.51 0.00	26.29 2.08 0.00	25.84 2.04 0.00	24.93 2.03 0.00
WADING RIVER_IC_3 23601	17.13 1.61 0.00	15.19 1.41 0.00	15.71 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.75 0.55 -8.37	21.15 1.54 0.00	26.16 1.71 0.00	26.92 1.74 0.00	24.34 1.59 0.00	21.08 1.41 0.00	20.28 1.41 0.00	24.06 1.50 0.00	21.67 1.51 0.00	21.20 1.64 0.00	22.82 1.77 -0.03	24.54 1.80 -0.03	33.76 2.71 0.00	34.55 3.04 0.00	32.47 2.98 0.00	28.82 2.51 0.00	26.29 2.08 0.00	25.84 2.04 0.00	24.93 2.03 0.00
WALDENNY_12_KV_BK2 80841	14.76 -0.77 0.00	13.16 -0.63 0.00	9.92 -0.47 -0.81	7.19 -0.22 -1.41	2.74 -0.02 -2.43	6.92 -0.21 -1.30	18.90 -0.71 0.00	23.59 -0.85 0.00	24.62 -0.57 0.00	22.37 -0.38 0.00	19.09 -0.58 0.00	18.36 -0.50 0.00	22.38 -0.18 0.00	20.11 -0.06 0.00	19.47 -0.08 0.00	21.25 0.23 0.00	22.98 0.28 0.00	30.75 -0.30 0.00	30.92 -0.59 0.00	28.87 -0.61 0.01	25.86 -0.45 0.00	24.06 -0.14 0.00	23.56 -0.24 0.00	22.89 -0.01 0.00
WALDEN__HYDRO 24148	16.32 0.79 0.00	14.49 0.70 0.00	15.06 0.45 -5.03	15.03 0.28 -8.76	15.42 0.02 -15.07	14.16 0.28 -8.05	20.36 0.75 0.00	25.21 0.77 0.00	25.85 0.67 0.00	23.37 0.62 0.00	20.23 0.56 0.00	19.43 0.56 0.00	23.10 0.54 0.00	20.77 0.61 0.00	20.25 0.69 0.00	21.90 0.85 -0.02	23.67 0.95 -0.02	32.54 1.48 0.00	33.12 1.61 0.00	31.13 1.65 0.00	27.71 1.40 0.00	25.38 1.17 0.00	24.91 1.11 0.00	23.85 0.95 0.00
WARRENSBURG____ 23737	16.36 0.83 0.00	14.53 0.75 0.00	17.13 0.57 -6.98	18.51 0.36 -12.16	21.28 0.02 -20.93	17.37 0.37 -11.17	20.78 1.17 0.00	25.69 1.25 0.00	26.31 1.12 0.00	23.70 0.94 0.00	20.34 0.67 0.00	19.54 0.67 0.00	23.28 0.72 0.00	20.73 0.57 0.00	20.17 0.62 0.00	21.81 0.82 0.04	23.82 1.16 0.04	32.94 1.89 0.00	33.89 2.38 0.00	31.80 2.31 0.00	28.35 2.04 0.00	25.98 1.78 0.00	25.47 1.67 0.00	24.31 1.41 0.00
WATERSIDE____6 8 9 23538	16.43 0.91 0.00	14.61 0.82 0.00	15.32 0.51 -5.23	15.42 0.31 -9.11	16.03 0.02 -15.68	14.51 0.32 -8.37	20.41 0.80 0.00	25.27 0.83 0.00	25.96 0.78 0.00	23.58 0.82 0.00	20.47 0.79 0.00	19.68 0.81 0.00	23.35 0.79 0.00	21.02 0.86 0.00	-204.29 0.94 224.77	20.49 1.06 1.59	23.79 1.06 -0.03	32.58 1.53 0.00	33.10 1.63 0.03	30.96 1.66 0.19	14.31 1.43 13.42	25.39 1.19 0.00	24.96 1.15 0.00	23.90 1.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	15.56 0.03 0.00	13.81 0.03 0.00	9.61 0.03 0.00	6.02 0.02 0.00	0.33 0.00 0.00	5.84 0.02 0.00	19.59 -0.02 0.00	24.31 -0.13 0.00	24.92 -0.26 0.00	22.46 -0.30 0.00	19.42 -0.25 0.00	18.64 -0.23 0.00	22.20 -0.36 0.00	19.88 -0.28 0.00	19.34 -0.21 0.00	20.85 -0.17 0.00	22.64 -0.06 0.00	31.12 0.06 0.00	31.71 0.19 0.00	29.74 0.25 0.00	26.52 0.22 0.00	24.30 0.09 0.00	23.85 0.04 0.00	22.82 -0.08 0.00
WATSON__69_KV_BK 1 55734	17.13 1.60 0.00	15.18 1.39 0.00	15.70 0.90 -5.23	15.64 0.53 -9.11	16.04 0.03 -15.68	14.74 0.55 -8.37	21.15 1.54 0.00	26.17 1.73 0.00	26.93 1.75 0.00	24.35 1.59 0.00	21.10 1.42 0.00	20.31 1.44 0.00	24.09 1.53 0.00	21.71 1.55 0.00	21.22 1.67 0.00	22.76 1.71 -0.03	24.46 1.73 -0.03	33.65 2.59 0.00	34.43 2.92 0.00	32.36 2.88 0.00	28.79 2.48 0.00	26.28 2.08 0.00	25.84 2.04 0.00	24.91 2.01 0.00
WDELAWARE__HYD 323627	16.05 0.52 0.00	14.24 0.45 0.00	14.40 0.28 -4.53	14.06 0.17 -7.90	13.93 0.01 -13.59	13.26 0.18 -7.26	20.05 0.45 0.00	24.82 0.38 0.00	25.49 0.30 0.00	23.01 0.26 0.00	19.93 0.26 0.00	19.11 0.24 0.00	22.74 0.18 0.00	20.46 0.30 0.00	19.91 0.36 0.00	21.53 0.50 -0.02	23.31 0.60 -0.02	32.03 0.98 0.00	32.71 1.20 0.00	30.74 1.26 0.00	27.33 1.02 0.00	25.06 0.86 0.00	24.61 0.81 0.00	23.52 0.61 0.00
WEST BABYLON__IC 23714	17.03 1.50 0.00	15.09 1.31 0.00	15.65 0.84 -5.23	15.61 0.50 -9.11	16.04 0.03 -15.68	14.71 0.51 -8.37	21.05 1.44 0.00	26.04 1.60 0.00	26.79 1.61 0.00	24.22 1.46 0.00	20.99 1.32 0.00	20.21 1.34 0.00	23.96 1.40 0.00	21.59 1.43 0.00	21.11 1.55 0.00	22.64 1.59 -0.03	24.34 1.61 -0.03	33.48 2.42 0.00	34.23 2.73 0.00	32.15 2.66 0.00	28.60 2.29 0.00	26.13 1.93 0.00	25.70 1.90 0.00	24.76 1.87 0.00

WEST CANADA___HYD 24049	15.55 0.02 0.00	13.80 0.01 0.00	9.59 0.01 0.00	6.01 0.00 0.00	0.33 0.00 0.00	5.83 0.00 0.00	19.61 0.00 0.00	24.43 -0.01 0.00	25.15 -0.04 0.00	22.73 -0.03 0.00	19.65 -0.02 0.00	18.85 -0.02 0.00	22.51 -0.05 0.00	20.13 -0.02 0.00	19.53 -0.02 0.00	21.01 0.00 0.00	22.73 0.02 0.00	31.14 0.09 0.00	31.62 0.11 0.00	29.61 0.12 0.00	26.42 0.11 0.00	24.25 0.05 0.00	23.82 0.02 0.00	22.90 0.00 0.00
WESTERN_NY_WIND 24143	15.02 -0.51 0.00	13.38 -0.41 0.00	9.97 -0.31 -0.70	7.09 -0.13 -1.22	2.42 -0.01 -2.10	6.82 -0.12 -1.12	19.18 -0.43 0.00	23.94 -0.50 0.00	24.92 -0.26 0.00	22.56 -0.20 0.00	19.22 -0.45 0.00	18.48 -0.39 0.00	22.50 -0.05 0.00	20.19 0.03 0.00	19.65 0.09 0.00	21.51 0.49 0.00	23.36 0.66 0.00	31.38 0.32 0.00	31.54 0.03 0.00	29.50 0.02 0.01	26.43 0.11 0.00	24.50 0.30 0.00	24.00 0.19 0.00	23.28 0.38 0.00
WESTOVER___LESR 323668	15.50 -0.02 0.00	13.78 0.00 0.00	11.11 0.00 -1.53	8.68 0.01 -2.67	4.92 0.00 -4.59	8.31 0.03 -2.45	19.71 0.10 0.00	24.50 0.06 0.00	25.28 0.10 0.00	22.84 0.08 0.00	19.71 0.04 0.00	18.92 0.05 0.00	22.70 0.14 0.00	20.35 0.19 0.00	19.73 0.18 0.00	21.31 0.29 0.00	23.12 0.42 0.00	31.54 0.48 0.00	31.98 0.47 0.00	29.93 0.44 0.00	26.67 0.36 0.00	24.54 0.33 0.00	24.06 0.26 0.00	23.20 0.30 0.00
WETHRSFD_WT_PWR 323626	14.57 -0.96 0.00	12.99 -0.80 0.00	9.92 -0.56 -0.91	7.28 -0.30 -1.58	3.03 -0.02 -2.72	7.00 -0.28 -1.46	18.66 -0.95 0.00	23.35 -1.10 0.00	24.38 -0.81 0.00	22.18 -0.58 0.00	19.02 -0.65 0.00	18.24 -0.62 0.00	22.21 -0.35 0.00	19.92 -0.24 0.00	19.20 -0.36 0.00	20.92 -0.10 0.00	22.74 0.04 0.00	30.60 -0.45 0.00	30.76 -0.75 0.00	28.51 -0.94 0.04	25.50 -0.81 0.00	23.73 -0.48 0.00	23.19 -0.61 0.00	22.46 -0.44 0.00
WHAVSTOR_138KV_BK127 55557	16.27 0.74 0.00	14.45 0.66 0.00	15.00 0.42 -4.99	14.96 0.26 -8.70	15.32 0.02 -14.98	14.09 0.27 -8.00	20.28 0.67 0.00	25.12 0.68 0.00	25.80 0.61 0.00	23.37 0.61 0.00	20.25 0.58 0.00	19.46 0.60 0.00	23.14 0.58 0.00	20.81 0.65 0.00	20.30 0.75 0.00	21.94 0.89 -0.03	23.65 0.92 -0.03	32.41 1.36 0.00	32.97 1.46 0.00	30.94 1.45 0.00	27.52 1.21 0.00	25.20 0.99 0.00	24.76 0.95 0.00	23.71 0.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.27 0.74 0.00	14.45 0.66 0.00	15.00 0.42 -4.99	14.96 0.26 -8.70	15.32 0.02 -14.98	14.09 0.27 -8.00	20.28 0.67 0.00	25.12 0.68 0.00	25.80 0.61 0.00	23.37 0.61 0.00	20.25 0.58 0.00	19.46 0.60 0.00	23.14 0.58 0.00	20.81 0.65 0.00	20.30 0.75 0.00	21.94 0.89 -0.03	23.65 0.92 -0.03	32.41 1.36 0.00	32.97 1.46 0.00	30.94 1.45 0.00	27.52 1.21 0.00	25.20 0.99 0.00	24.76 0.95 0.00	23.71 0.81 0.00
WHITEHAL_115KV_TB1 80871	16.61 1.09 0.00	14.77 0.99 0.00	17.18 0.64 -6.97	18.53 0.40 -12.14	21.25 0.03 -20.89	17.40 0.42 -11.15	21.03 1.42 0.00	25.90 1.46 0.00	26.49 1.31 0.00	23.84 1.08 0.00	20.63 0.96 0.00	19.82 0.95 0.00	23.71 1.15 0.00	21.14 0.98 0.00	20.51 0.96 0.00	22.15 1.17 0.04	24.53 1.86 0.04	34.02 2.96 0.00	35.13 3.62 0.00	32.97 3.48 0.00	29.27 2.96 0.00	26.63 2.42 0.00	26.10 2.30 0.00	24.82 1.92 0.00
WHITEPLN_13_KV_LOAD 356215	16.48 0.96 0.00	14.64 0.85 0.00	15.34 0.55 -5.21	15.42 0.33 -9.08	15.98 0.02 -15.63	14.51 0.34 -8.35	20.52 0.92 0.00	25.41 0.97 0.00	26.10 0.91 0.00	23.66 0.91 0.00	20.53 0.85 0.00	19.75 0.88 0.00	23.47 0.91 0.00	21.11 0.95 0.00	20.59 1.04 0.00	22.25 1.20 -0.03	23.98 1.25 -0.03	32.86 1.80 0.00	33.43 1.92 0.00	31.38 1.89 0.00	27.94 1.63 0.00	25.58 1.38 0.00	25.13 1.33 0.00	24.05 1.15 0.00
WM_FLOYD_69_KV_BK2 356380	17.11 1.58 0.00	15.17 1.39 0.00	15.70 0.89 -5.23	15.63 0.53 -9.11	16.04 0.03 -15.68	14.74 0.54 -8.37	21.13 1.52 0.00	26.12 1.67 0.00	26.87 1.69 0.00	24.29 1.53 0.00	21.01 1.34 0.00	20.22 1.35 0.00	23.97 1.41 0.00	21.59 1.43 0.00	21.12 1.56 0.00	22.74 1.69 -0.03	24.44 1.71 -0.03	33.65 2.59 0.00	34.45 2.94 0.00	32.40 2.91 0.00	28.75 2.44 0.00	26.22 2.02 0.00	25.78 1.98 0.00	24.88 1.99 0.00
WOODARD__115KV_TB2 355635	15.31 -0.21 0.00	13.60 -0.19 0.00	9.89 -0.14 -0.44	6.70 -0.08 -0.77	1.66 -0.01 -1.33	6.47 -0.07 -0.71	19.48 -0.13 0.00	24.41 -0.03 0.00	25.17 -0.02 0.00	22.77 0.01 0.00	19.66 -0.01 0.00	18.86 0.00 0.00	22.63 0.06 0.00	20.24 0.07 0.00	19.58 0.02 0.00	21.13 0.11 0.00	22.88 0.18 0.00	31.26 0.20 0.00	31.68 0.17 0.00	29.64 0.15 0.00	26.44 0.12 0.00	24.31 0.11 0.00	23.94 0.14 0.00	23.08 0.18 0.00
YORK___WARBASSE 23770	16.50 0.97 0.00	14.67 0.88 0.00	15.36 0.55 -5.23	15.44 0.33 -9.11	16.03 0.02 -15.68	14.54 0.34 -8.37	20.50 0.89 0.00	25.41 0.97 0.00	26.10 0.92 0.00	23.70 0.95 0.00	20.57 0.90 0.00	19.78 0.91 0.00	23.47 0.90 -0.01	21.13 0.96 -0.01	1124.45 1.00 -1103.89	30.10 1.10 -7.99	23.88 1.14 -0.04	32.73 1.66 -0.01	33.45 1.76 -0.18	32.20 1.78 -0.94	93.78 1.54 -65.93	25.51 1.29 -0.01	25.06 1.26 -0.01	23.99 1.09 0.00